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Catalog of Oregon Seabird Colonies

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Acknowledgments

This catalog is the product of many dedicated biologists and resource managers working along the Oregon coast over the past century, and in particular the past 25 years. The first Oregon coast-wide seabird colony survey was conducted by Robert L. Pitman, Michael R. Graybill, and Daniel H. Varoujean in 1979. In 1988, the second coast-wide survey was conducted by Roy W. Lowe, Jon B. Anderson, and Daniel R. Matthews. The 1979 and 1988 surveys were made possible with funding, staff and logistic support provided by the U.S. Fish and Wildlife Service, Western Oregon National Wildlife Refuge Complex. Refuge Manager Palmer C. Sekora was instrumental in insuring that both surveys were accomplished. Since 1988, surveys have been conducted by U.S. Fish and Wildlife Service staff of the Oregon Coast National Wildlife Refuge Complex. Roy W. Lowe coordinated seabird surveys from 1986 – 1999; David S. Pitkin assisted with surveys from 1993 – 1999 and coordinated surveys from 2000 – 2006.

The 1979 and 1988 coast-wide surveys did not include the Columbia River Estuary, but data were collected for these estuary colonies by Jim B. Atkinson, Alan C. Clark, Douglas A. Bell, and David A. Manuwal during comparable time periods. Since 1997, U.S. Geological Survey has been monitoring the seabirds of the Columbia River estuary. Daniel D. Roby, Kenneth D. Collis, and students and staff of the Oregon Cooperative Wildlife Research Unit have monitored populations of Caspian Terns, Double-crested Cormorants, and other seabirds in the estuary. Janet Hodder provided data on Pelagic Cormorants from the monitoring project she and students of the University of Oregon's Institute of Marine Biology (OIMB) have conducted at the "OIMB Cormorant Colony" continuously since 1973. Many other biologists contributed data for specific species or colonies; a complete list of contributors is in Appendix A.

The catalog was assembled by Maura B. Naughton, David S. Pitkin, Khemarith J. So, Craig S. Strong and Roy W. Lowe. The databases were compiled and vetted by Craig S. Strong, Khemarith J. So, David S. Pitkin and Maura B. Naughton. Text sections were drafted by Craig S. Strong and Maura B. Naughton. Khemarith J. So and Mariana Lincoln developed and rectified the GIS colony location databases and Khemarith J. So produced the final colony maps and tables. Mary Anderson produced the maps for Figure 2. Laurie Litman, InfoWright, did the layout and design of the final catalog. Ramiel Papish created the artwork for the cover and throughout this catalog. Funding to compile this catalog was provided by the U.S. Fish and Wildlife Service, Division of Migratory Birds and Habitat Programs, Pacific Region, Portland, Oregon.

Abstract

The rocky islands and rugged habitats of the outer Oregon coast and the low flat islands of the Columbia River estuary provide habitat for approximately 1.3 million nesting seabirds representing 15 species. Current and historical information on colony locations and estimates of breeding seabirds were compiled into databases, for all known seabird colonies in Oregon. A total of 393 colonies were identified, and maps and data tables for each colony are presented in this catalog. The data tables include counts of nests and birds, where available, and estimates of the number of breeding birds for each species at a colony. Specific information regarding date, observers, type of survey, quality of the estimate, and source of the data are provided for each record. The geographic scope of this catalog encompasses seabird colonies in marine and estuarine environments. Marbled Murrelets, which nest solitarily in habitats distinctly different from the rest of the seabird community, are not included in this catalog.

Introduction

The waters off the Oregon coast are part of the California Current System, one of the most productive marine habitats in the world. The rugged coast encompasses large expanses of rocky shorelines, islands, and offshore sea stacks, which provide nesting habitat for seabirds. This Catalog of Oregon Seabird Colonies presents a detailed record of seabird nesting sites along the Oregon coast. For each of the 393 sites identified in this catalog, the location, species composition, and abundance of breeding birds are presented. Survey data from 1901 to 2004 are included.

Approximately 1.3 million seabirds, representing 15 species, nest in the state (Table 1, Figure 1). This represents approximately half of the seabirds breeding along the west coast of the conterminous United States, including two species (scientific names are in Table 1) of storm-petrels (Leach's and Fork-tailed), three species of cormorants (Double-crested, Brandt's, and Pelagic), three species of gulls (Western, Glaucous-winged, and Ring-billed), one tern species (Caspian), and six species of alcids (Common Murre, Pigeon Guillemot, Marbled Murrelet, Cassin's Auklet, Rhinoceros Auklet, and Tufted Puffin). One shorebird species (Black Oystercatcher) is also included because of its strong affiliation with marine habitats and the high degree of overlap between seabird and Black Oystercatcher nesting sites. Marbled Murrelets nest solitarily in forest habitats distinctly different from other Oregon seabirds, and are not included in this catalog. Readers are referred to Ralph et al. (1995) and McShane et al. (2004) for further information on Marbled Murrelet abundance and nesting distribution in Oregon.

This catalog it restricted to seabird species that breed along the coast and in the lower estuaries within Oregon state boundaries. It does not include the millions of marine birds that breed elsewhere and migrate to Oregon's rich coastal waters, such as albatrosses that nest in the central Pacific, shearwaters from the southern hemisphere, and loons, grebes, sea ducks, and gulls that breed in the arctic or inland colonies. At-sea, these migrant species often outnumber Oregon's breeding seabirds and, although they are not covered in this catalog, they represent a significant component of Oregon's marine community.

Along the Pacific coast, seabird colony catalogs have been published for Alaska (Sowls et al. 1978), California (Sowls et al. 1980), and Washington (Speich and Wahl 1989). Similar catalogs of colonies in British Columbia, Canada have also been published (Drent and Guiguet 1961, Campbell et al. 1990). The first comprehensive survey of Oregon seabird colonies was conducted in 1979 (Varoujean and Pitman 1980) and a draft catalog was prepared (Pitman et al. 1985), but never published. Another complete survey of Oregon colonies was conducted in 1988. In addition to these comprehensive surveys, numerous other surveys of specific species at specific colonies have been completed, including, since 1988, annual aerial photographic surveys of Brandt's and Double-crested cormorants and Common Murres (all colonies have been photographed annually and a subsample of the colonies have been counted; see Methods), and a coast-wide survey of cormorant colonies in 2003. This catalog provides a compilation of current and historic seabird colony information.

This catalog was designed primarily to provide biologists, resource managers, regulatory agencies, and researchers with the best available data on the size and location of Oregon seabird colonies, in a standardized format. The information compiled here serves as a baseline of recent and historic distribution and abundance of breeding seabirds in the state. In the event of an oil spill or other catastrophic occurrence, this catalog can provide quick reference to concentrations of breeding seabirds. The catalog will also be useful to community planners and members of the general public interested in increasing their understanding of Oregon's diverse seabird community. Finally, future surveys and monitoring can be planned with a better understanding of the dynamics of seabird breeding biology and colony distribution.

Speich and Wahl (1989) noted in the introduction to the Catalog of Washington Seabird Colonies that, from its inception, the catalog was destined to be incomplete. The same is true for all colony catalogs. New surveys are continually underway and reports of historic surveys are often incomplete.

Table 1. Seabirds Breeding Along the Coast of Oregon.

Common Name	Scientific Name	Rounded Estimates of the Number of Breeding Birds
Fork-tailed Storm-Petrel	*Oceanodroma furcata*	hundreds
Leach's Storm-Petrel	*Oceanodroma leucorhoa*	482,000
Double-crested Cormorant	*Phalacrocorax auritus*	30,400
Brandt's Cormorant	*Phalacrocorax penicillatus*	21,200
Pelagic Cormorant	*Phalacrocorax pelagicus*	10,100
Black Oystercatcher[1]	*Haematopus bachmani*	470
Ring-billed Gull	*Larus delawarensis*	400
Western Gull[2]	*Larus occidentalis*	-
Glaucous-winged Gull[2]	*Larus glaucescens*	-
Western/Glaucous-winged Gull[2]		32,300
Caspian Tern	*Sterna caspia*	19,000
Common Murre	*Uria aalge*	685,000
Pigeon Guillemot	*Cepphus columba*	4,500
Marbled Murrelet[3]	*Brachyramphus marmoratus*	-
Cassin's Auklet	*Ptychoramphus aleuticus*	400
Rhinoceros Auklet	*Cerorhinca monocerata*	500
Tufted Puffin	*Fratercula cirrhata*	4,600
TOTAL ESTIMATE		**1,290,000**

[1] Black Oystercatcher, a shorebird, is included in this catalog.

[2] Western Gulls, Glaucous-winged Gulls, and hybrids of these two species occur in Oregon and are difficult to distinguish. Consequently they are reported as Western/Glaucous-winged Gulls in this catalog.

[3] Marbled Murrelets breed in Oregon but they are not included in this catalog. See McShane et al. (2004).

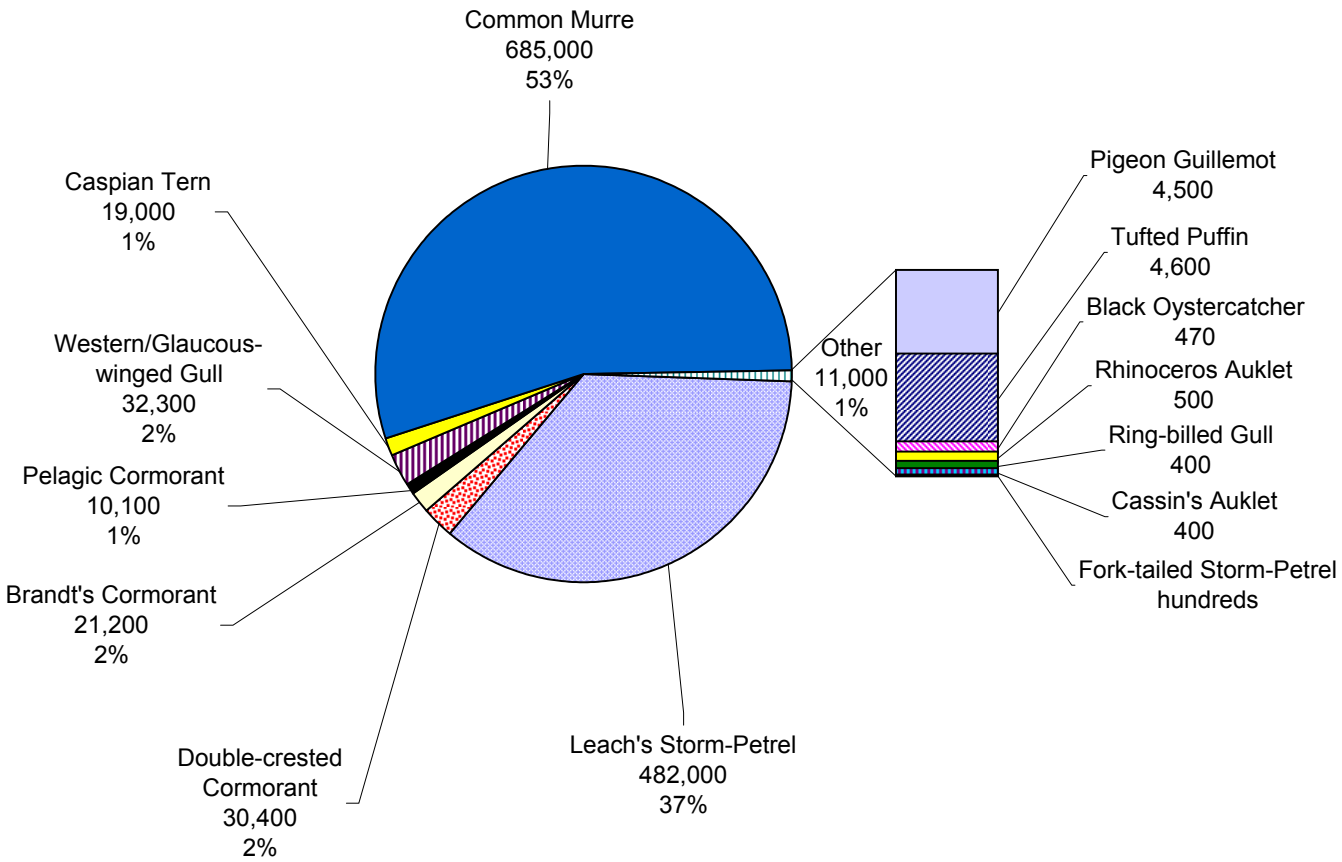


Figure 1. Abundance of 14 Species of Breeding Seabirds in Oregon.

Summary of Seabird Distribution and Abundance in Oregon

The Columbia River demarcates Oregon's border with Washington and is the location of Oregon's northernmost seabird colonies. The low, sandy islands in the Columbia River estuary support the largest colonies of Caspian Terns (19,000 breeding birds) and Double-crested Cormorants (26,000 breeding birds) in North America, the largest Western/Glaucous-winged gull colonies in the state (16,000 breeding birds), and the only active breeding colonies of Ring-billed Gulls (400 birds) along the Pacific coast (Figure 2). Loss and changes to estuary islands and artificial habitats in Washington, and movement of birds from outer coast and inland colonies, have likely contributed to the rapid increases in the Columbia River colonies over the past decade.

Along the outer coast, the vast majority of Oregon's seabirds nest within the Oregon Coast National Wildlife Refuge (NWR) Complex. The northern Oregon coastline is composed of grand headlands interspersed with sweeping beaches and estuaries. Headland cliffs and offshore rocks support large numbers of nesting seabirds. The largest colony in the state occurs at Three Arch Rocks NWR, where over 225,000 seabirds of 10 species nest. Most of the state's Tufted Puffins nest on Finley Rock, a large vegetated island within Three Arch Rocks NWR and on the two northernmost Haystack Rocks within Oregon Islands NWR.

The central Oregon coast is dominated by extensive sandy beaches, many of which are within Oregon Dunes National Recreation Area managed by the Bureau of Land Management. Relatively few seabirds nest along this stretch of coastline, and colonies are largely limited to the rocky cliffs and nearshore islands from Depoe Bay to Newport and at Heceta Head/Sea Lion Caves (Figure 3). Some birds (primarily Western/Glaucous-winged gulls, Double-crested Cormorants and Pigeon Guillemots) nest opportunistically on artificial structures within estuaries and Double-crested Cormorants nest in trees in several locations along the central coast.

Southern Oregon is particularly rich in offshore sea stacks and rocky coastline, and more than half of the colonies in the state (203 of 393) are located here. Most of the state's Leach's Storm-Petrels nest on a few southern Oregon islands with well established soil and vegetation.

Numerically, Common Murres dominate the Oregon seabird community (approximately 685,000 breeding birds). Common Murres constitute more than half of all seabirds nesting in Oregon and greater than 65% of the breeding *U. a. californica* subspecies, rangewide (Carter et al. 2001). Common Murres nest in extremely dense colonies, typically on the top of islands and sea stacks, and have proven to be important indicators of marine productivity.

Leach's Storm-Petrels are the second most abundant breeding seabird in Oregon, with an estimated 480,000 birds nesting at 21 colonies. The overwhelming majority of Leach's Storm-Petrels nest on seven small islands off the southern Oregon coast (Saddle Rock, Crook Point Rock, Hunters Island, Goat Island, two rocks off Whaleshead Cove, and an unnamed island in Boardman State Park). Due to their small size, nocturnal activity and burrow nesting habit, estimates of both Leach's and Fork-tailed storm-petrel colony sizes are difficult to obtain, and estimates are often of low reliability compared to other species.

Gulls are the most readily identified seabird by casual visitors to the coast. Western Gulls are the dominant nesting gull species throughout the outer coasts of California and Oregon, and Glaucous-winged Gulls are more common in Washington, but the two species readily hybridize and intermix through central and northern Oregon and along the Washington coast (Scott 1971, Bell 1996). Clear distinction of species is difficult in this area of overlap; therefore, large gulls are listed as Western/Glaucous-winged gulls in this catalog. The largest concentration of nesting gulls is in the Columbia River estuary, where half of the state's 32,300 Western/Glaucous-winged gulls breed. Ring-billed Gulls also nest in the estuary. Coastal colonies, such as the one at East Sand Island, are rare for Ring-billed Gulls, which typically nests at inland locations. They first colonized the Columbia River estuary in the late 1990s. A list of active colonies for each species is presented in Appendix B, including the most recent accurate or representative estimate of the number of breeding birds at each site.

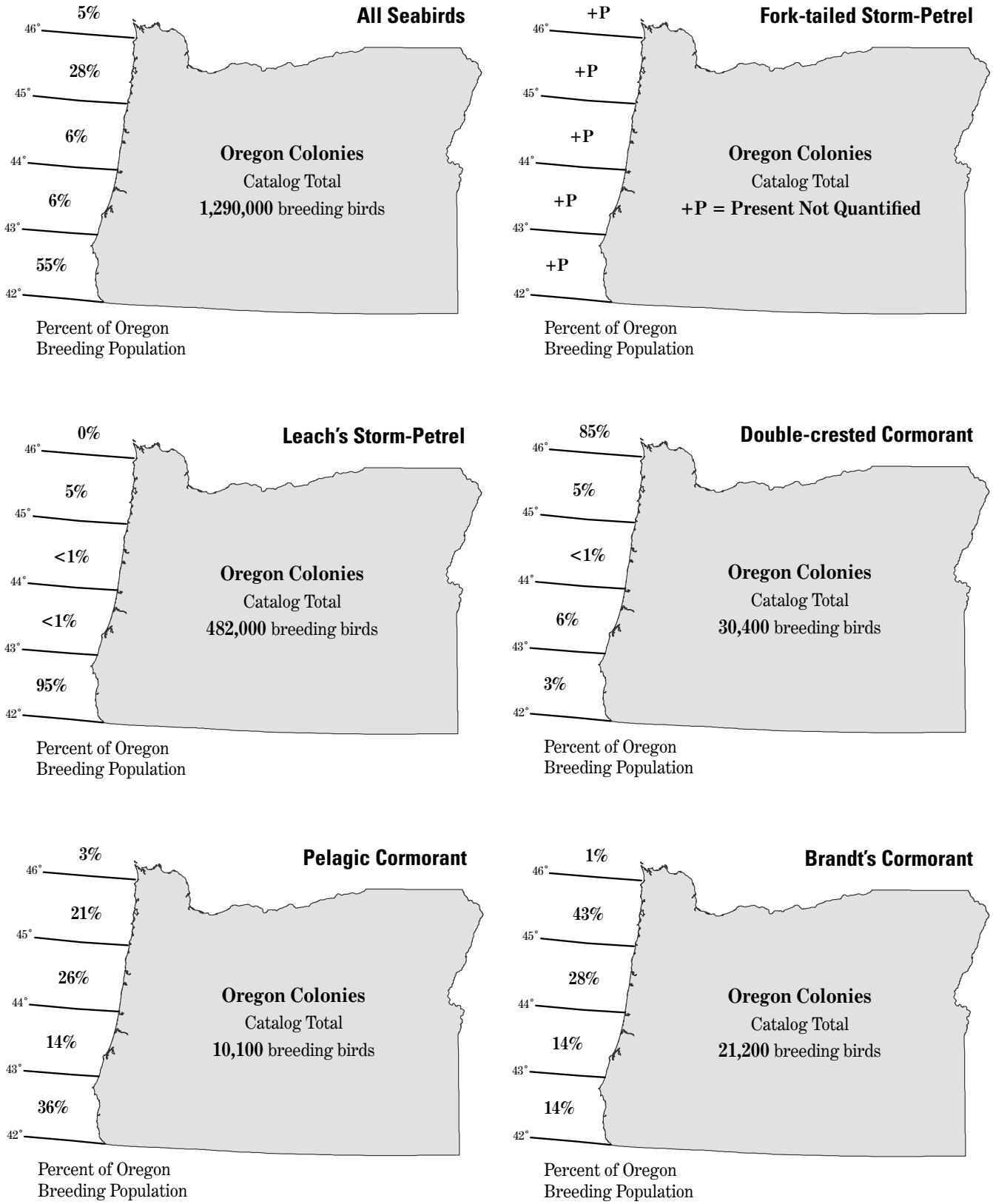


Figure 2. Distribution of Breeding Seabirds in Oregon.

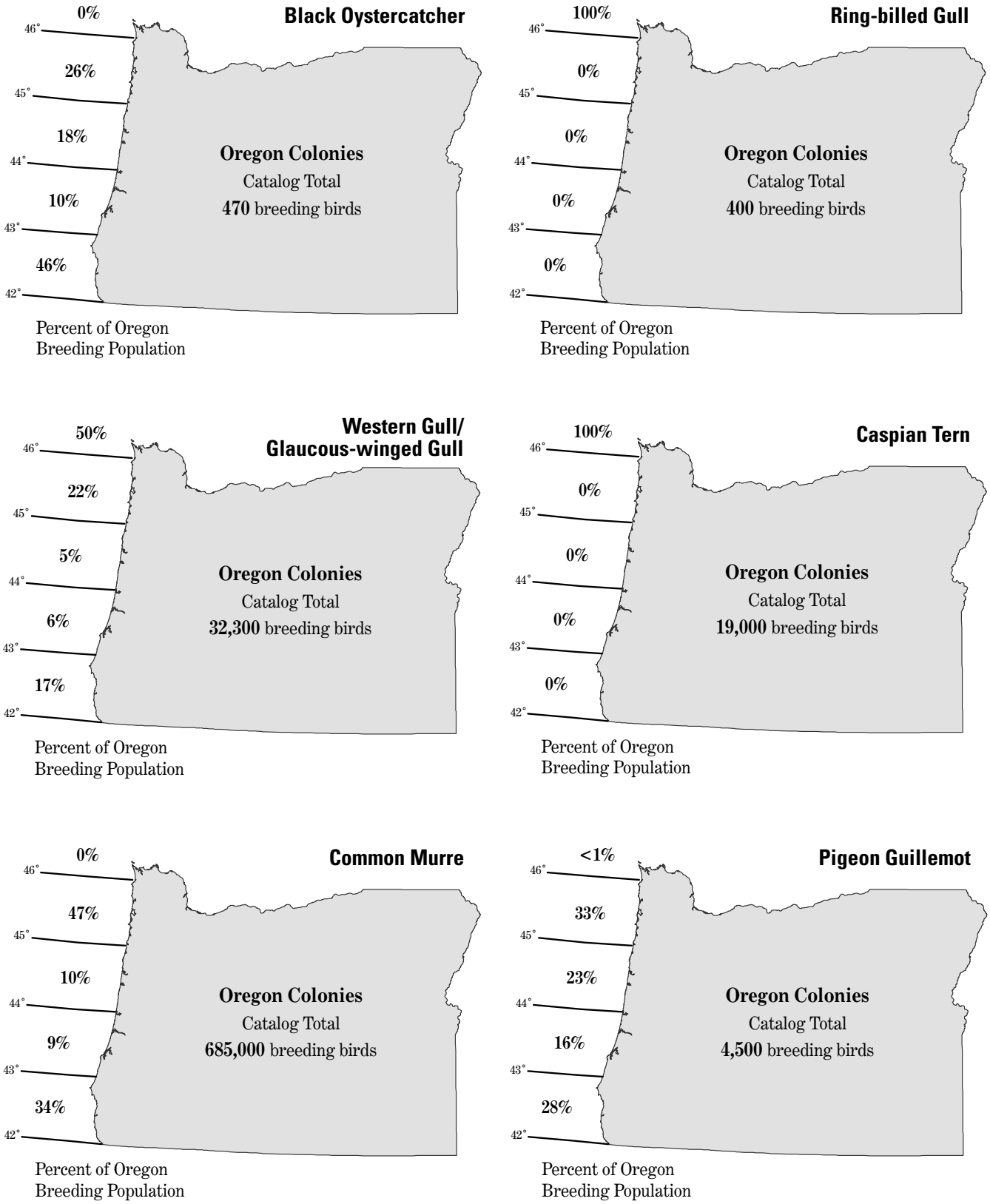
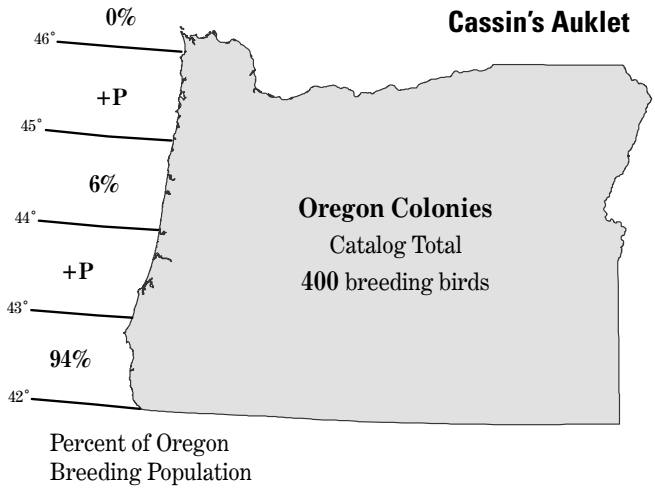
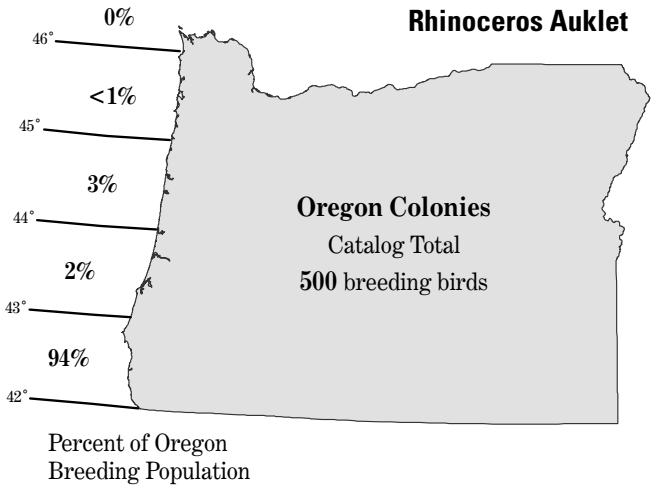


Figure 2. Distribution of Breeding Seabirds in Oregon. (continued)





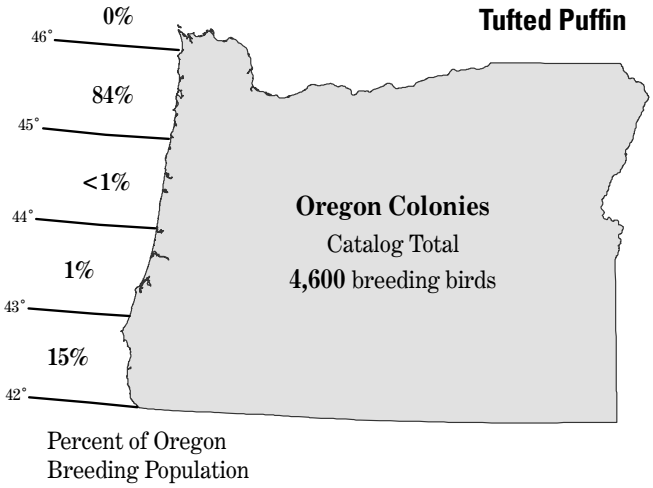


Figure 2. Distribution of Breeding Seabirds in Oregon. (continued)

Figure 3. Map of Oregon Coast Landmarks.

Methods

The information compiled in this catalog comes from five primary sources:

- U.S. Fish and Wildlife Service (USFWS) surveys:
  - 1989 – 2004, annual aerial photographic surveys of Common Murre and Brandt's Cormorant colonies (all colonies photographed, with a subset of 31 Common Murre and 25 Brandt's Cormorant colonies counted each year) (Carter et al. 2001, USFWS unpublished data);
  - 2003 coastwide survey of all Pelagic, Double-crested, and Brandt's cormorant colonies (USFWS unpublished data);
  - 1988 comprehensive coastwide survey of all seabird species at all colonies (USFWS unpublished data);
  - 1979 comprehensive coastwide survey of all seabird species at all colonies (Varoujean and Pitman 1980, Pitman et al. 1985).
  - 1966 – 1975, annual aerial surveys (visual estimates) of major Common Murre and Double-crested and Brandt's cormorant colonies (USFWS unpublished data).
- U.S. Geological Survey (USGS) surveys of Caspian Tern, Western/Glaucous-winged and Ring-billed gull, and Double-crested Cormorant colonies in the Columbia River estuary, 1998 – 2004 (Collis et al. 2002, USGS unpublished data).
- Oregon Institute of Marine Biology (OIMB) annual surveys of Pelagic Cormorants at "OIMB Cormorant colony," near Cape Arago, 1973 – 2004 (Jan Hodder, OIMB unpublished data).
- Historical records from published and unpublished sources.

Survey methods vary by species, location, size of colony, logistics, and personnel/organization conducting the surveys. Surveys were conducted from boats, aircraft, ground surveys from remote vantage points, and ground surveys within the colony. In general, four techniques have been employed: (1) counts of nests, either directly or from aerial photographs; (2) counts of adult birds on or around the colony, either directly or from aerial photographs; (3) sampling to estimate burrow density and occupancy rates, combined with estimates of colony area; and, (4) crude estimates of nests, birds, or burrows.

In this section, methods used during the 1979 and 1988 statewide surveys, and the methods employed by USFWS from 1966 through 2004, are described. Brief summaries of USGS methods employed in the Columbia River estuary and OIMB methods at the Cape Arago cormorant colony are also included. No attempt is made here to provide detailed descriptions of all methods employed to obtain the data presented in this catalog. Readers are referred to the references listed after each data entry in the tables for specific methods.

Boat and Ground Surveys

During both coastwide surveys, boat and mainland surveys were conducted of all rocks and mainland colony sites from West Point (north of Tillamook Head) to Florence, and Coos Bay to the California border (Figure 4). The remaining sections of coast are dominated by sandy beaches, with no offshore rocks, and they were not surveyed by boat. During boat surveys, larger rocks were circumnavigated and, if conditions were favorable, surveyors landed and occasionally camped overnight. Brief descriptions of the rocks and islands were recorded, including approximate height, soil, vegetation, and any other salient features that might aid future workers in accurately relocating the sites (Appendix C).

The majority of the 1979 survey was conducted from a 4 meter (14 foot) inflatable boat (Zodiac) powered by a 25-hp outboard motor. In 1988, surveys were conducted from 4 – 6 meter (14 – 20 foot) inflatable boats with 30-hp outboard motors. Two or three biologists participated in all boat surveys, using 7 – 10 power binoculars. Data were recorded in notebooks and later transcribed to data sheets and entered into an electronic database.

Shore-based Surveys

Use of high power spotting telescopes from high, stable vantage points afforded the best views of some colonies. Counts of Tufted Puffins at Haystack Rock (Clatsop County), Bandon rocks, and miscellaneous observations of puffins at other sites were made from shore. Annual colony counts of Pelagic Cormorants, Western Gulls, and Pigeon Guillemots at Yaquina Head were derived from a combination of shore and boat-based surveys. The long-term monitoring of the Pelagic Cormorant colony at Cape Arago by OIMB was conducted from shore.

Figure 4. Map of Areas Surveyed by Boat During the 1979 and 1988 Coastwide Seabird Surveys.

Aerial Surveys

The most significant changes in survey methods over the past 40 years have been improvements and refinements of aerial survey protocols. From 1966 to 1975, USFWS conducted annual aerial surveys of Common Murre and cormorant (species not identified) colonies along the entire Oregon coast using fixed-winged aircraft. These surveys generally targeted only the larger concentrations of Common Murres, and Brandt's and Double-crested cormorants, and were not designed to be comprehensive. Visual estimates of colony size were made by a single observer during a one day survey of the entire coast. In 1979, several aerial surveys were conducted (Pitman et al. 1985). On 19 April, 1979, all major colony sites along the coast were photographed from a single-engine Cessna aircraft. Although too early in the season for maximum seabird attendance at colonies, the flight served as an orientation flight to identify colonies. Later in the season four aerial surveys were made from U.S. Coast Guard Sikorsky helicopters. All major colonies, including nearly every Common Murre and Brandt's Cormorant colony, were photographed on at least two occasions. Photographs were taken using 35 mm SLR cameras equipped with 200 mm and 300 mm focal length lenses and ASA 64 and 400 color slide film.

Beginning in 1988, the timing of aerial photographic surveys was standardized to facilitate comparison between years (Carter et al. 2001). Small, quiet helicopters (Hughes 500, models D & E) with the doors removed were used to minimize disturbance to the colonies and improve the quality of the photographs. Colony photographs were taken by two photographers using 35 mm cameras. Common Murres, Brandt's and Double-crested cormorants, and Western/Glaucous-winged gulls have been counted from these photographs.

Aerial photographic surveys of islands in the Columbia River estuary have been conducted by USGS since 1997. See Collis et. al. (2002) for a detailed description of survey methods at these colonies.

Methods of Estimation

Colony estimates based on direct nest counts provide the most accurate information, and this method was used whenever possible. Virtually all Double-crested, Brandt's, and Pelagic cormorant estimates were obtained using this method. Western/Glaucous-winged gull estimates (except in the Columbia River estuary) were also derived from nest counts. These species build conspicuous nests which are relatively easy to detect. Direct nest counts were also employed whenever possible to estimate Tufted Puffin breeding numbers, but their burrow-nesting habit made the results less reliable.

Estimates based on the total number of adults present on the colony were used for those species whose nests are difficult to find and for species that nest in dense colonies, where it is difficult, or impossible, to distinguish breeding from nonbreeding individuals. Pigeon Guillemots and Black Oystercatchers are often quite conspicuous around nesting colonies, but their actual nest sites are difficult to locate. Estimates presented in this catalog for these two species represent the number of adult birds seen in the vicinity of appropriate nesting habitat, unless otherwise noted. Common Murres and Caspian Terns nest in large, dense colonies. Estimates of colony size for these species were based on counts of adult birds on the colony (from aerial photographs), adjusted by a correction factor, to account for breeding birds away from the colony and non-breeding birds in attendance.

Burrow-nesting species were the most difficult to estimate. When possible, colonies were directly sampled to estimate burrow density and occupancy rates. The total area of the colony was then estimated in the field or from aerial photographs. Density of active burrows was combined with estimates of colony area to generate colony estimates.

Species-Specific Methods

Cormorants

Pelagic Cormorants typically nest in small colonies on steep cliffs or artificial structures. Boat- or ground-based surveys were the best means to survey these colonies. The longest time series data set for Pelagic Cormorants in Oregon is from the OIMB Cormorant Colony at Cape Arago. Surveys of this colony have been conducted from shore since 1973 by staff and students from Oregon Institute of Marine Biology (J. Hodder, pers. comm.).

Double-crested and Brandt's cormorants typically nest on broader cliff ledges or the tops of islands or headlands where they can be effectively surveyed using high quality aerial photography. Nests are easily identified and counted from projected slides. Double-crested Cormorants also nest in trees, channel markers, bridges, and other structures where new or small colonies can go undetected, especially during aerial surveys. In some colonies (e.g., Three Arch Rocks, Cape Lookout, and Island Rock), Double-crested and Brandt's cormorants intermix. Distinction between species can be difficult at these colonies if aerial photographs are not high quality. Combining aerial surveys with ground or boat surveys is often necessary to determine the species composition at these sites.

From 1966 to 1975, USFWS conducted annual aerial surveys of the major Brandt's and Double-crested cormorant colonies along the entire Oregon coast, using fixed-winged aircraft. These surveys, conducted in June or July, were completed in one day and the visual estimates did not identify cormorants to species. Beginning in 1979, aerial photographs were utilized in conjunction with ground and boat-based surveys. Since 1988, timing of the surveys has been standardized to coincide with the two-day aerial survey of Common Murres flown annually in early June. (See Common Murre methods for specifics regarding aircraft and photography.)

Statewide surveys of all Double-crested, Brandt's, and Pelagic cormorant colonies were conducted in 1979, 1988, and 2003. Between 1988 and 2003 (except 1995), almost all Brandt's and Double-crested cormorant colonies were photographed annually, and a sample of 25 colonies was counted each year. Photographs of the other colonies were labeled and archived, but not counted.

Brandt's and Double-crested cormorants exhibit relatively low site fidelity. For surveys of the entire coast, this was not an issue since all colonies were counted and most movement between colonies was captured. However, monitoring trends of single colonies, or small groups of colonies, can lead to erroneous conclusions if birds move between sampled and un-sampled colonies.

Common Murre

In Oregon, Common Murres nest on the tops of islands or on mainland cliffs in large, dense colonies. Common Murres do not build nests, and colony estimates are based on counts of adult birds on the colony. From 1966 to 1979, Common Murre colonies were surveyed by visual estimates of breeding birds from a fixed wing airplane. Given the high densities and large size of Oregon Common Murre colonies, these estimates were generally very poor quality. Counts from aerial photographs were first used in 1979 (Pitman et al. 1985), however; biologists had limited control over the timing of the surveys and many of the photographs were taken too late in the season to accurately census breeding murres.

Since 1988, single annual aerial photographic surveys of all major Common Murre colonies in Oregon have been conducted (except 1995) using standardized techniques. Surveys were flown in early June to coincide with late incubation and hatching (after Takekawa et al. 1990), using a Hughes 500 helicopter (models C, D and E) or a Bell helicopter at altitudes of 260 – 330 m with side doors removed. Colony photographs were taken by two photographers using 35-mm cameras with 100 – 400 or 300 mm lenses for close-up photographs (front-seat photographer) using ASA 400 color slide film and shutter speeds less than 1/1000 per second, and 55- or 70 – 210-mm lenses for colony overviews (back-seat photographer) (Carter et al. 2001). Overlapping colony slides were projected onto large sheets of paper, simultaneously using 3 – 4 projectors, and individual birds were counted. These data were transferred to data sheets and computerized. A general *k*-correction factor of 1.67 (based on California data) was applied to all count data to estimate the number of breeding adults at colonies in Oregon (Carter et al. 2001). A specific *k*-correction value for Oregon colonies has not been researched.

All Common Murre colonies were photographed annually between 1988 and 2004, and a subsample of 31 colonies was counted annually. Photographs of the other colonies were labeled and archived. In the data tables of this catalog, the actual counts of Common Murre adults and the estimated number of breeding birds (bird count x 1.67) are both reported.

Pigeon Guillemot

Pigeon Guillemots nest in rock crevices and burrows, and nests are extremely difficult to locate and count. Pigeon Guillemots are social birds and they gather on the rocks and in the water adjacent to nesting areas early in the season. Repeated counts of Pigeon Guillemots on the water during early morning or evening in late April and May show little daily variation and presumably represent an index of the nesting population (Ainley et al. 1990). Counts generally decrease by late morning and are lower through the middle of the day (Carter et al. 1992). Counts also tend to be lower later in the season, since one pair member is incubating or both members are foraging more actively during the chick-rearing period. Counts presented in this catalog were not standardized for time of season or time of day, so colony sizes were likely underestimated. Counts of Pigeon Guillemots during El Nino years might be higher than expected if few birds are nesting and more are visible on the water near the colony (Jaques and Strong 2001).

Tufted Puffin

Tufted Puffins can be counted outside nesting burrows early in the season, particularly during the morning hours. Unlike Pigeon Guillemots, Tufted Puffins engage in frequent flights, entries and departures from burrows, and exhibit variable activity levels through the day, confounding any attempt to get an index of the breeding population based on a count of adults. Estimates were typically derived from a ground count of appropriately sized burrows (often obtained after

the nesting season on islands with nesting Common Murres). At some colonies, the presence of Tufted Puffins was noted and a rough estimate was generated based on the number of sightings and the amount of suitable nesting habitat.

Small Nocturnal Burrow-Nesting Species

Fork-tailed and Leach's storm-petrels, and Rhinoceros and Cassin's auklets are nocturnal burrow nesters, and estimates of colony size are particularly difficult to obtain. Estimates of colony size are of poor quality; far less precise than for surface nesters, and may only be accurate within an order of magnitude except where intensive surveys were conducted. Only a few Oregon islands have soil of sufficient depth to support burrow nesting. Observations from a remote vantage point are not possible, even for Rhinoceros Auklets that are active at dusk. The rugged nature of Oregon's islands and the presence of breeding murres at many sites precludes ground surveys of most of the islands. Estimates of Cassin's and Rhinoceros auklet colonies were based on observations of birds close to the colony (often "staging" at dusk) or the availability of suitable nesting habitat. Only a few estimates were based on visits to the colonies during the nesting season.

In 1979 and 1988, estimates of Leach's Storm-Petrel numbers at Goat Island, Hunters Island, and Saddle Rock were derived from density estimates of burrows in specific nesting habitat types, coupled with an estimate of the total area of each habitat type. In 1979, rough estimates of breeding Leach's Storm-Petrels were also generated for islands where breeding was known to occur, but which were surveyed only briefly or not at all. At these islands, the area of potential nesting habitat was visually estimated and density estimates from Goat Island (2.4 breeding birds/m^2) were applied to calculate a rough estimate of the potential Leach's Storm-Petrel breeding population. In 1988, presence or absence of Leach's Storm-Petrels was noted for colonies that could not be surveyed on the ground, but numerical estimates of colony size were not made for these colonies. Thousands of Leach's Storm-Petrels have been banded at Saddle Rock in southern Oregon between 1979 and 2004, and mark-recapture techniques are being investigated as a monitoring tool at this colony.

Western and Glaucous-winged Gulls and Hybrids

Western/Glaucous-winged gulls are opportunistic in selection of nesting substrate and habitats. They nest on a variety of structures (roof tops, pilings, bridges, islets) and small colonies can be missed. A combination of boat, ground, and aerial surveys were used to count Western/Glaucous-winged gull nests at various sites during the two statewide surveys. Annual aerial photographic surveys were conducted by USGS at the East Sand Island colony in the Columbia River in 1997 and 1998 (Collis et al. 2002). Since 1999, aerial photographs have been taken and archived (D. Roby, pers. comm.). Counts of nests were the basis for colony estimates at all sites except colonies in the Columbia River estuary, where adults were counted from aerial photographs. A specific *k*-correction factor has not been researched for the estuary colonies (the largest concentration of nesting gulls in Oregon), so the *k*-value of 1.4, calculated for Western Gulls in California (Carter et al. 1992), was substituted. Both the actual count of birds and the estimated number of breeding birds at these colonies are presented in the data tables.

Oregon is in the zone of hybridization between Western and Glaucous-winged gulls (Scott 1971, Hoffman 1978, Bell 1996). While hybridization between these species occurs as far south as central California, most nesting gulls on the southern and central Oregon coast are Western Gulls (Bell 1996, D. Pitkin, pers. comm.). In 1989, Bell (1996) found that approximately half of the gulls nesting in the Columbia River estuary were Glaucous-winged or hybrids. These Columbia River colonies have increased in size by an order of magnitude since 1989, and the proportion of hybrids appears to have increased also. Determination of hybrid status is impossible from the air. All estimates in this catalog are reported as Western/Glaucous-winged gull, but the proportion of Western Gulls, Glaucous-winged Gulls, and hybrids varies at each site.

Caspian Tern

Aerial photographic surveys of Caspian Tern colonies in the Columbia River estuary have been conducted annually by USGS since 1997 (Collis et al. 2002). Intensive ground surveys of Caspian Tern plots were conducted each year in conjunction with the aerial surveys to generate *k*-correction factors which were then applied to bird counts to estimate the number of breeding birds. See Collis et al. (2002) for a more detailed description of survey methods at these colonies.

Maps and Data Tables

How to Use This Catalog

The following section consists of maps denoting the location of each seabird colony and accompanying tables with recent and historical estimates of the number of breeding birds, for each species, at each colony. Figure 5 presents an example of a data table with an explanation of the columns and the codes.

Colony Numbers and Names

Oregon seabird colonies were assigned unique identifying numbers during the 1988 statewide survey, according to the numbering convention used for the California and Washington seabird colony catalogs (Sowls et al. 1980, Speich and Wahl 1989). The Oregon coast was divided into five areas delineated by degree of latitude and corresponding to USGS 1:250,000 topographic maps (Figure 6). These USGS maps were sequentially numbered for the conterminous United States as the basis for a standardized colony numbering system for waterbirds (Spendelow and Patton 1988). Within each map area, colonies were numbered north to south with the first three digits designating the map, and the next three digits representing the site number, beginning with 001. When new colonies were discovered following the initial number designation in 1988, they were given a decimal extension of the number of the nearest original colony. For example, 219-001.1 was a colony discovered after 1988 adjacent to colony 219-001.

Colony names were derived from maps or charts whenever possible. If a location did not have an official name and a descriptive name was assigned by a surveyor, then this name is reported in quotes to indicate that it cannot be found on maps. All other colonies were labeled "Unnamed Colony" and the colony number is the identifier.

Most Recent or Representative Estimate

The data tables contain all of the recent and historic estimates of colony size. The most recent, accurate or representative (MRA) estimate for each species is presented at the top of the table in a box. MRA data were used to generate total statewide estimates for each species.

For most species and most colonies, MRA data were the most recent estimates. However, if the most recent estimate was poor quality (e.g., non-quantitative estimate such as "present") and an earlier, quantitative estimate of higher quality was available, then the earlier estimate was presented in the MRA box at the top of the table and the more recent estimates were presented below. If the most recent data were collected during an El Niño year, or were otherwise not representative of the numbers of birds that typically nest at a particular colony, then these data were presented in the table but the most recent "representative data" were presented in the MRA box at the top of the table. (El Niño events affected Oregon in 1993 and 1997 and estimates from these years are not presented in the MRA box.) Another situation where the most recent data were not the most representative data involved Common Murre and Double-crested and Brandt's cormorant colonies harassed by Bald Eagles (*Haliaeetus leucocephalus*). Bald Eagles have increased along the Oregon coast, and harassment of colonies, especially in the northern section of the state, has resulted in nesting failure and early abandonment of some colonies prior to early June, when aerial surveys normally occur. In a few instances, estimates from a previous year that were more representative of the number of birds at a given colony were presented in the MRA box at the top of the table.

Data Codes

Presented below is an accounting of the codes utilized in the data tables (Figure 5).

Latitude/Longitude.—Geographic coordinates for each colony are presented in degrees, minutes, and seconds. Coordinates are for the center point of onshore colonies, and the centroid of individual island colonies or groups of offshore rocks/islands that constitute a single colony.

Area Map Number, Map Name, and unique Site Number

Colony Number = Area Map Number - Site Number

Colony Name and Latitude, Longitude

Area Map: 219 (Vancouver)
Site Number: 027

Colony Number 219-027
Clatsop County

Gull Rock
45° 47' 34.96"N, 123° 58' 19.85"W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual. ST	T	Q	Ref
Brandt's Cormorant	742	371		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Pigeon Guillemot	12		12	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Common Murre	4085		2446	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Brandt's Cormorant	800	400	536	N	2	Pitman	7/16/1979	AP	W	1	1

Estimated number of breeding birds
X = Breeding confirmed; number unknown
P = Probable breeder

Counts/estimates of nests or birds

What was counted (W) to generate the estimated # of breeding birds
N = Nests or burrows
B = Birds
O = No quantitative estimate
U = Unknown

Conversion Factor (Cnv)
Counts of birds or nests were multiplied by this value to generate the estimated # of breeding birds
L = No conversion
A = Midpoint of range
S = Extrapolation from sample plots

Survey Type (ST)
A = Aerial
AP = Aerial photography
B = Boat
C = Ground survey in colony
M = Mainland vantage point
U = Unknown

Estimate Type (T)
W = Direct count
S = Sample (e.g. density sampled in plots)
Z = Partial count, rest estimated
T = Count by groups (e.g. 100s or 1000s)
Y = Estimate, not a direct count
P = Probable breeding, no count
X = Confirmed breeding, no count
U = Unknown

Data Quality (Q)
1-highest, 4 lowest
(see page 19)

Boxed data at the top of the table indicates the most recent, accurate, or representative data for this colony. Historical data are listed below.

Reference (Ref): Source of data Appendix E

Figure 5. Diagram of Data Table in Catalog of Oregon Seabird Colonies.

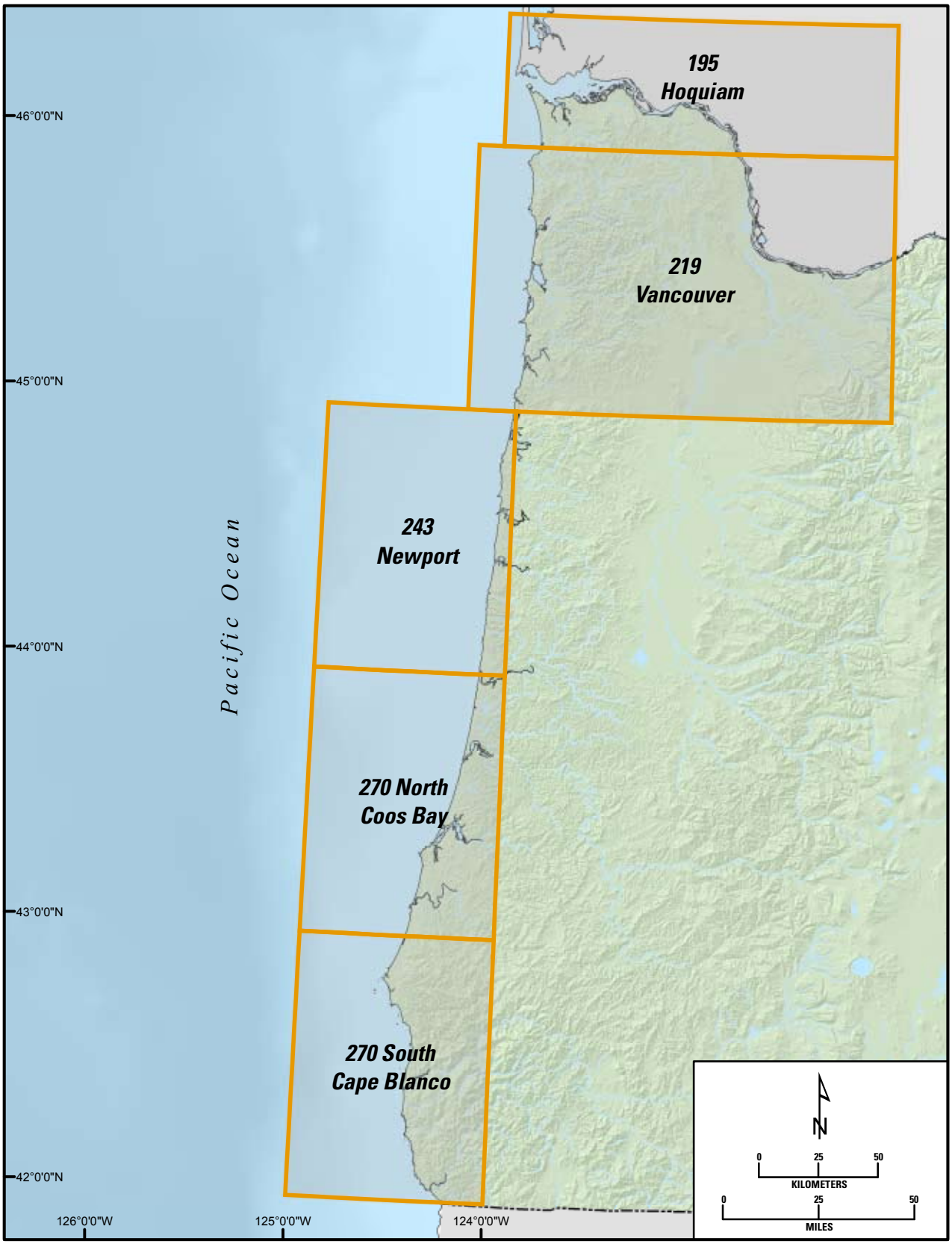


Figure 6. Index to Name and Number of Area Maps in Catalog of Oregon Seabird Colonies.

What Counted (W).—What was counted, birds or nests.

Code	*Description*
B	Birds: Count or estimate of individual birds in colony.
N	Nests or burrows: Count or estimate of nests or burrows in colony.
O	No count or estimate: Observer provided no quantitative estimate of colony size, only non-numeric data like 'Present' or 'Rare'.
U	Unknown: Unexplained how the number was generated

Conversion (Cnv).—This code describes how the count or survey data were adjusted to generate estimates of breeding birds. Counts of nests were multiplied by 2 and counts of birds were often adjusted by a *k*-conversion factor to account for non-breeding birds at the colony and breeding birds away from the colony. These codes are the same as those used for the North Pacific Seabird Colony Database (USFWS 2004).

Code	*Description*
L	Literal count or estimate reported by observers; no adjustment
2	Counts of nests were multiplied by 2 to estimate the number of breeding birds
1.67	Counts of Common Murre adults were multiplied by 1.67 to estimate breeding birds.
#.##	Conversion factors for some species were calculated at the time of the surveys and therefore vary by year (e.g., Caspian Terns at East Sand Island). The numeric value is the *k*-factor used to adjust the count data.
A	Midpoint of range (e.g., 500-1000 entered as 750)
S	Extrapolation of data from sampling (e.g., burrow densities in sample quadrats)

Survey Type (ST).—Survey method used to census or survey the colony. Codes were sometimes combined to indicate that more than one method was used (e.g., B,M for boat and mainland coverage of Yaquina Head).

Code	*Description*
A	Aerial survey from fixed-wing airplane or helicopter
AP	Aerial photography
B	Boat
M	Mainland—Ground survey from a remote mainland vantage point
C	Colony—Ground survey in the colony or on the island
U	Unknown

Estimate Type (T).—Type of estimate or count made by the observer. Codes may be qualitative or quantitative. These codes are the same as those used for the North Pacific Seabird Colony Database (USFWS 2004).

Code	*Description*
W	Actual count of each bird, pair, or nest in colony
S	Sampled; count of birds or nests in a known area extrapolated to entire colony area
Z	Part estimated, part counted: exact count of a portion of the colony; remainder of the colony estimated
T	Count by groups: count of birds, pairs, or nests by groups (e.g., 10s or 1000s)
Y	Estimate, not an actual count: observer estimated birds, nests, or pairs by some method. Observer did not make an exact count of individuals or groups, but numbers were provided (e.g., "500 to 1000" or "thousands")
X	Present: observer reported breeding birds of this species at the colony, but no estimate of numbers
P	Probable: observer reported breeding birds probably present at colony, but no estimate of numbers
U	Type of estimate unknown: census method or accuracy of method unknown (observer did not describe method well)

Data Quality (Q).—This code describes how accurately the data reflects the actual number of breeding birds of each species in the colony. Data quality can be affected by many factors such as survey conditions, biology of the species, and methods employed.

Code	*Description*
1	A direct count of all nests in a colony (onsite or aerial photograph) or a precise estimate of the number of breeding birds. Examples of data of this quality include aerial photo surveys of cormorant nests or counts of gull nests from boat or shore. These data can be used to detect annual change in colony size.
2	A direct count of adult birds at a colony with quantification of the number of nests (or breeding pairs) represented by adults at the colony (a *k*-correction factor), or repeated counts of birds using standardized techniques. Examples of quality data 2 include aerial photo surveys of Caspian Terns and Double-crested Cormorants at the Columbia River colonies; aerial photo surveys of Common Murre colonies; and, repeated, standardized surveys of Pigeon Guillemots. Changes in number of birds and long-term trends can be detected using data of this quality.
3	A count or estimate of adults birds at or near a colony, where *k*-correction factors are not available. Examples of data quality 3 include single surveys of Pigeon Guillemots or Tufted Puffins, or nest counts where only a portion of the nests are visible.
4	A rough estimate of colony size that is only reliable within an order of magnitude, at best. Examples of data quality 4 include presence/absence observations, or rough visual estimates of colony size (e.g., 'hundreds', or 'several thousand'), or most estimates of nocturnal burrow-nesting species. These data are of limited value and should only be used to document extremely large changes in colony size.

Literature Cited

Ainley, D. G., R. J. Boekelheide, S. H. Morrell, and C. S. Strong. 1990. Pigeon Guillemot. Pages 276-305 *in* D. G. Ainley and R. J. Boekelheide, editors. Seabirds of the Farallon Islands. Stanford University Press, Stanford, California.

Baldridge, A., and J. B. Crowell. 1965. Northern Pacific coast regional report. Audubon Field Notes 19:570-574.

Bell, D. A. 1989. Colony survey of East Sand Island. Unpublished report to USFWS, Willapa National Wildlife Refuge Complex, Ilwaco, Washington.

Bell, D. A. 1996. Genetic differentiation, geographic variation and the hybridization in gulls of the *Larus glaucescens-occidentalis* complex. Condor 98:527-546.

Boggs, B., and E. Boggs. 1964. Northern Pacific coast regional report. Audubon Field Notes 18:530-532.

Boardman, S. H. 1954. Oregon state parks system: a brief history. Oregon History 55:179-233.

Braly, J. C. 1930. The Cassin's Auklet breeding off the coast of Oregon. Condor 32:302.

Browning, M. R., and W. W. English. 1967. Oregon island survey. Unpublished report, USFWS Oregon Coast National Wildlife Refuge Complex, Newport, Oregon.

Campbell, R. W., N. K. Dawe, I. McTaggart-Cowan, J. M. Cooper, G. W. Kaiser, and M. C. E. McNall. 1990. The birds of British Columbia. Vol. 2. Royal British Columbia Museum, Victoria, Canada.

Carter, H. R., G. J. McChesney, D. L. Jaques, C. S. Strong, M. W. Parker, J. E. Takekawa, D. L. Jory, and D. L. Whitworth. 1992. Breeding populations of seabirds in California, 1989-1991. Unpublished report, U.S. Fish and Wildlife Service, Northern Prairie Wildlife Research Center, Dixon, California.

Carter, H. R., U. W. Wilson, R. W. Lowe, M. S. Rodway, D. A. Manuwal, J. E. Takekawa, and J. L. Yee. 2001. Population trends of the Common Murre (*Uria aalge californica*). Pages 33-133 *in* D. A. Manuwal, H. R. Carter, T. S. Zimmerman, and D. L. Orthmeyer, editors. Biology and conservation of the Common Murre in California, Oregon, Washington, and British Columbia. Volume 1: Natural history and population trends. U.S. Geological Survey, Information and Technology Report USGS/BRD/ITR-2000-0012, Washington, D.C.

Clifford, C. M., C. E. Yunker, E. R. Easton, and J. E. Keirans. 1970. Ectoparasites and other arthropods from coastal Oregon. Journal Medical Entomology 7:438-445.

Collis, K., D. D. Roby, D. P. Craig, S. Adamany, J. Adkins, and D. E. Lyons. 2002. Colony size and diet composition of piscivorous waterbirds on the lower Columbia River: implications for losses of juvenile salmonids to avian predation. Transactions American Fisheries Society 131:537-550.

Crowell, J. B., and H. B. Nehls. 1966. Northern Pacific coast regional report. Audubon Field Notes 20:539-542.

Crowell, J. B., and H. B. Nehls. 1967. Northern Pacific coast regional report. Audubon Field Notes 21:532-535.

Crowell, J. B., and H. B. Nehls. 1969. Northern Pacific coast regional report. Audubon Field Notes 23:684-688.

Crowell, J. B., and H. B. Nehls. 1970. Northern Pacific coast regional report. Audubon Field Notes 24:708-711.

Crowell, J. B., and H. B. Nehls. 1971. Northern Pacific coast regional report. American Birds 25:94-100.

Crowell, J. B., and H. B. Nehls. 1972. Northern Pacific coast regional report. American Birds 26:893-897.

Crowell, J. B., and H. B. Nehls 1973. Northern Pacific coast regional report. American Birds 27:908-911.

Crowell, J. B., and H. B. Nehls. 1975. Northern Pacific coast regional report. American Birds 29:897-902.

Drent, R. H., and C. J. Guiguet. 1961. Catalogue of British Columbia sea-bird colonies. Occasional Papers 12. British Columbia Provincial Museum, Victoria, Canada.

Ferris, R. W. 1940. Eight years of banding Western Gulls. Condor 42:189-197

Finley, W. L. 1902. Among the seabirds of the Oregon Coast. Condor 4:53-57.

Finley, W. L. 1905. Among the seabirds of the Oregon Coast, Parts I and II. Condor 7:119-127.

Hodder, J., and M. R. Graybill. 1985. Reproduction and survival of seabirds in Oregon during the 1982-1983 El Nino. Condor 87:535-541.

Hoffman, W., J. A. Wiens, and J. M. Scott. 1978. Hybridization between gulls (*Larus glaucescens* and *Larus occidentalis*) in the Pacific Northwest. Auk 95:441-458.

Hunn, E., and P. Mattocks, Jr. 1977. Northern Pacific coast regional report. American Birds 31:1178-1183.

Hunn, E., and P. Mattocks, Jr. 1978. Northern Pacific coast regional report. American Birds 32:1045-1049.

Jobanek, C. 1976. Field work on the Leach's Storm Petrel on the southern Oregon coast. Southern Willamette Ornithology Club Newsletter (SWOC Talk) 2:59-64.

Jaques, D. L., and C. S. Strong. 2001. Seabird status at Castle Rock National Wildlife Refuge, 1997-1999. Unpublished report, Crescent Coastal Research, Astoria, Oregon.

Jewett, S. G. 1921. Additional notes on the water and shore birds of Netarts Bay, Oregon. Condor 23:91-93.

McShane, C., T. Hamer, H. R. Carter, G. Swartzman, V. Friesen, D. G. Ainley, R. Tressler, S. K. Nelson, A. E. Burger, L. B. Spear, and others. 2004. Evaluation report for the 5-year status review for the Marbled Murrelet in Washington, Oregon, and California, Unpublished report, EDAW, Inc., Seattle, Washington.

Peters, C. F., K. O. Richter, D. A. Manuwal, and S. G. Herman. 1978. Colonial nesting sea and wading bird use of estuarine islands in the Pacific Northwest. U.S. Army Engineer Waterways Experiment Station, Technical Report DS-78-17, Vicksburg, Mississippi.

Pitman, R. L., J. Hodder, M. R. Graybill, and D. H. Varoujean. 1985. Catalog of Oregon Seabird Colonies. Unpublished report, U.S. Fish and Wildlife Service, Portland, Oregon.

Prill, A. G. 1901. A visit to Otter Rock. Osprey 5:133-134.

Ralph, C. J., G. L. Hunt, M. G. Raphael, and J. F. Piatt, editors. 1995. Ecology and conservation of the Marbled Murrelet. USDA Forest Service General Technical Report PSW-GTR-152, Albany, California.

Scott, J. M. 1971. Interbreeding of the Glaucous-winged Gull and Western Gull in the Pacific Northwest. California Birds 2:129-133.

Scott, J. M. 1973. Resource allocation in four syntopic species of diving seabirds. Ph.D. Dissertation. Oregon State University, Corvallis.

Scott, J. M., W. Hoffman, D. Ainley, and C. F. Zeillemaker. 1974. Range extension and activity patterns in Rhinoceros Auklets. Western Birds 5:13-20.

Sowls, A. L., S. A. Hatch, and C. J. Lensink. 1978. Catalog of Alaskan seabird colonies. U.S. Department of Interior, U.S. Fish and Wildlife Service, Biological Services Program FWS/OBS 78/78, Washington, D.C.

Sowls, A. L., A. R. DeGange, J. W. Nelson, and G. S. Lester. 1980. Catalog of California seabird colonies. U.S. Fish and Wildlife Service, Biological Services Program FWS/OBS 37/80, Washington, D.C.

Speich S. M., and T. R. Wahl. 1989. Catalog of Washington seabird colonies. U.S. Department of Interior, U.S. Fish and Wildlife Service, Biological Report 88(6), Washington, D.C.

Spendelow, J. A., and S. R. Patton. 1988. National atlas of coastal waterbird colonies in the contiguous United States: 1976-82. U.S. Fish and Wildlife Service Biological Report 88(5), Washington, D.C.

Takekawa, J. E., H. R. Carter, and T. E. Harvey. 1990. Decline of the Common Murre in central California. Studies in Avian Biology 14:149-163.

Thoresen, A. C. 1958. The breeding behavior of the Cassin's Auklet. Condor 66:456-476.

Tuck, L. M. 1955. The Murres. Canadian Wildlife Service Monograph Series 1, Ottawa, Canada.

U.S. Fish and Wildlife Service. 2006. North Pacific Seabird Colony Database, computer database and colony status record archives. U.S. Fish and Wildlife Service, Migratory Bird Management, Anchorage, Alaska.

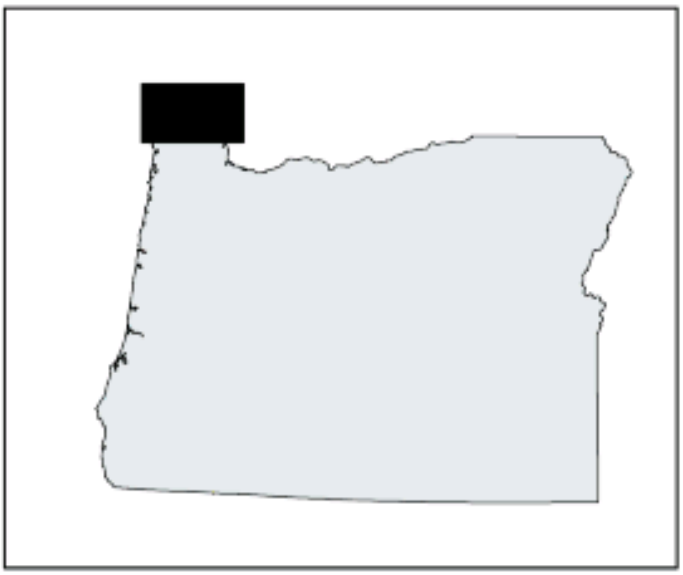
Varoujean, D. H., and R. L. Pitman. 1980. Oregon seabird colony survey, 1979. Unpublished report, U.S. Fish and Wildlife Service, Portland, Oregon.

Zeillemaker, C. F. 1973. June-August field notes. Chat (newsletter of Audubon Society, Corvallis) 3:3-4.

William L, Finley and Herman T. Bohlman at Three Arch Rocks (Shag Rock) (219-056) June 1903

Oregon Historical Society

Catalogs



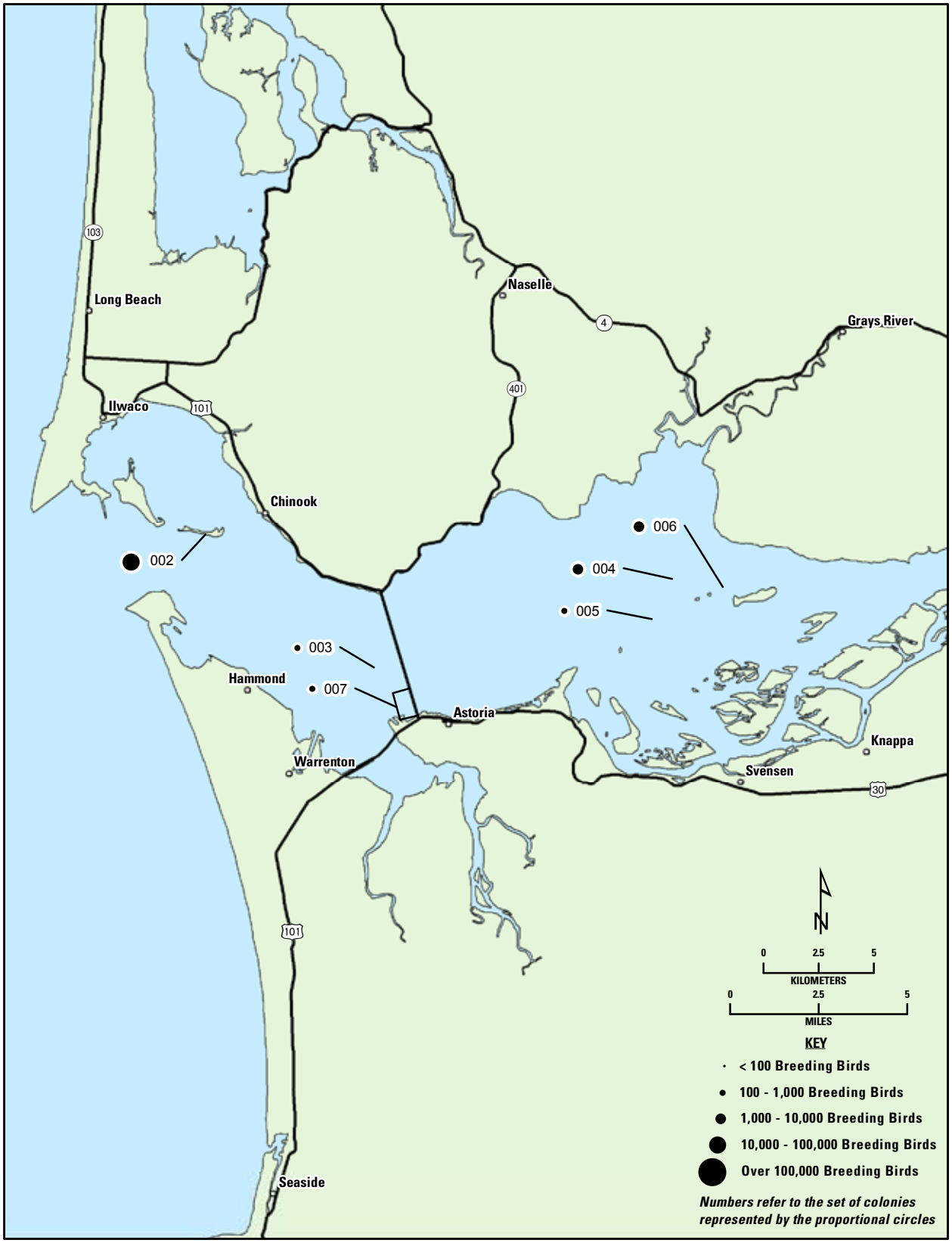
195
Hoquiam

The map on the facing page is an index to the locations and relative sizes of Oregon seabird colonies within map 195, Hoquiam, located in the Columbia River estuary. On the pages following this map, all colonies are listed sequentially and a detailed map of each is provided. Colony 195-001 (Ellen Sands Island) is not included in this catalog because it is located in Willapa Bay, Washington.

Numbers of breeding seabirds will vary from year to year. Below are the most recent estimates of breeding seabirds within this region:

Double-crested Cormorant	26,000
Brandt's Cormorant	194
Pelagic Cormorant	284
Ring-billed Gull	400
Western/Glaucous-winged Gull	16,000
Caspian Tern	19,000
Pigeon Guillemot	14
TOTAL	**61,900**

Area Map 195—Hoquiam



Area Map: 195 (Hoquiam) **Colony Number: 195-002** **East Sand Island**
Site Number: 002 **Clatsop County** **46° 15' 44" N, 123° 58' 53" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	24,960	12,480		N	2	Roby/Collis/Lyons/Fischer	5/17/2004	AP	W	1	42
Brandt's Cormorant	194	97		N	2	Roby/Collis/Lyons/Myers	6/18/2003	B	W	2	42
Ring-billed Gull	400	200		N	2	Roby/Collis/Lyons	5/21/2001	AP	Y	3	42
West./Glaucous-winged Gull	12,066		12,066	B	L	Roby/Collis/Lyons	5/21/2001	AP	W	3	42
Caspian Tern	19,004		15,355	B	1.24	Roby/Collis/Lyons/Fischer	5/17/2004	AP	W	1	42
Pigeon Guillemot	14		14	B	L	Strong/Jaques	6/1/2000	B	W	3	43
Double-crested Cormorant	21,292	10,646		N	2	Roby/Collis/Lyons/Myers	6/11/2003	AP	W	1	42
Double-crested Cormorant	20,460	10,230		N	2	Roby/Collis/Lyons/Myers	5/21/2002	AP	W	1	42
Double-crested Cormorant	16,240	8,120		N	2	Roby/Collis/Lyons/Anderson	5/21/2001	AP	W	1	42
Double-crested Cormorant	14,324	7,162		N	2	Roby/Collis/Lyons/Anderson	5/31/2000	AP	W	1	42
Double-crested Cormorant	13,122	6,561		N	2	Roby/Collis/Craig/Lyons	5/29/1999	AP	W	1	42
Double-crested Cormorant	12,570	6,285		N	2	Roby/Collis/Craig	5/28/1998	AP	W	1	42
Double-crested Cormorant	10,046	5,023		N	2	Roby/Collis/Craig	6/2/1997	AP	W	1	42
Double-crested Cormorant	5,356		5,356	B	L	Roby/Collis	6/12/1996	AP	W	3	42
Double-crested Cormorant	182	91		N	2	Bell	6/11/1989	C	W	1	41
Brandt's Cormorant	172	86		N	2	Roby/Collis/Lyons/Myers	6/25/2002	B	W	2	42
Brandt's Cormorant	44	22		N	2	Strong/Jaques	6/1/2000	B	W	2	43
Ring-billed Gull	250	125		N	2	Roby/Collis/Lyons	5/31/2000	AP	Y	3	42
West./Glaucous-winged Gull	9,523		9,523	B	L	Roby/Collis/Lyons	5/31/2000	AP	W	3	42
West./Glaucous-winged Gull	7,791		7,791	B	L	Roby/Collis/Craig/Lyons	5/29/1999	AP	W	3	42
West./Glaucous-winged Gull	5,496		5,496	B	L	Roby/Collis/Craig	5/28/1998	AP	W	3	42
West./Glaucous-winged Gull	7,106		7,106	B	L	Roby/Collis/Craig	6/2/1997	AP	W	3	42
West./Glaucous-winged Gull	6,775		6,775	B	L	Roby/Collis	6/12/1996	AP	W	3	42
West./Glaucous-winged Gull	1,760	880		N	2	Bell	6/11/1989	C	W	2	41
West./Glaucous-winged Gull	1,240	620		N	2	Manuwal/Herman	6/21/1977	C	Z	3	36
Caspian Tern	16,650		12,613	B	1.32	Roby/Collis/Lyons/Myers	5/23/2003	AP	W	1	42
Caspian Tern	19,866		13,970	B	1.42	Roby/Collis/Lyons/Myers	5/21/2002	AP	W	1	42
Caspian Tern	17,964		14,581	B	1.23	Roby/Collis/Lyons	5/21/2001	AP	W	1	42
Caspian Tern	17,026		11,443	B	1.49	Roby/Collis/Lyons	5/31/2000	AP	W	1	42
Caspian Tern	1,094		1,195	B	0.92	Roby/Collis/Craig/Lyons	5/29/1999	AP	W	1	42
Caspian Tern	0		0	B	L	Roby/Collis/Craig	5/28/1998	AP	W	1	42
Caspian Tern	0		0	B	L	Roby/Collis/Craig	6/2/1997	AP	W	1	42
Caspian Tern	0		0	B	L	Roby/Collis	6/12/1996	AP	W	1	42

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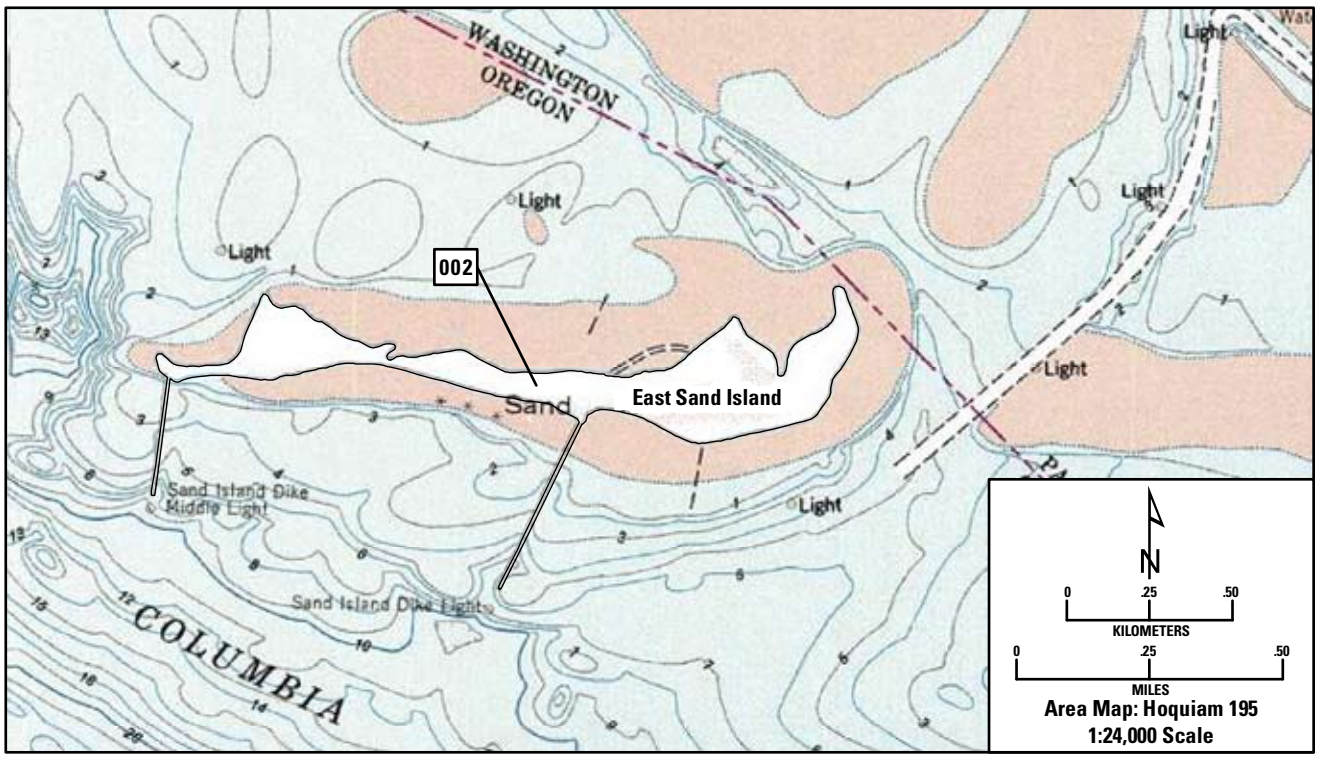

East Sand Island 195-002 *Columbia Bird Research and Bonneville Power Administration*

Area Map: 195 (Hoquiam)
Site Number: 003

Colony Number: 195-003
Clatsop County

"Desdemona Sands Pilings"
46° 12' 35" N, 123° 52' 35" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	260	130		N	2	Roby/Collis/Craig	6/2/1997	AP	W	3	42
Double-crested Cormorant	80	40		N	2	Lowe	9/13/1991	A	Y	2	2
Double-crested Cormorant	34	17		N	2	Clark/Marocchini	5/22/1991	C	W	1	40
Double-crested Cormorant	80	40		N	2	Lowe	9/13/1990	A	W	2	2

Map on page 29

Area Map: 195 (Hoquiam)
Site Number: 004

Colony Number: 195-004
Clatsop County

Rice Island
46° 15' 3" N, 123° 42' 10" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	422	211		N	2	Roby/Collis/Lyons/Myers	6/16/2003	A	W	2	42
West./Glaucous-winged Gull	2,449		2,449	B	L	Roby/Collis/Lyons	5/21/2001	AP	W	3	42
Caspian Tern	0	0		B	L	Roby/Collis/Lyons	5/21/2001	A	W	1	42
Double-crested Cormorant	100	50		N	2	Roby/Collis/Lyons/Myers	8/5/2002	B	W	1	42
Double-crested Cormorant	300	150		N	2	Roby/Collis/Lyons	5/21/2001	A	W	2	42
Double-crested Cormorant	0	0	0	B	L	Roby/Collis/Lyons/Anderson	5/31/2000	A	W	1	42
Double-crested Cormorant	0	0	0	B	L	Roby/Collis/Craig/Lyons	5/29/1999	A	W	1	42
Double-crested Cormorant	1,590	795		N	2	Roby/Collis/Craig	5/28/1998	AP	W	1	42
Double-crested Cormorant	2,282	1,141		N	2	Roby/Collis/Craig	6/2/1997	AP	W	1	42
Double-crested Cormorant	636		636	B	L	Roby/Collis	6/12/1996	AP	W	3	42
Double-crested Cormorant	1,682	841		N	2	Clark/Bottorff/Miller/Atkinson	5/23/1991	C	W	1	40
Double-crested Cormorant	1,522	761		N	2	Clark	5/22/1990	C	W	1	40
West./Glaucous-winged Gull	941		941	B	L	Roby/Collis/Craig/Lyons	5/29/1999	AP	W	3	42
West./Glaucous-winged Gull	827		827	B	L	Roby/Collis/Craig	5/28/1998	AP	W	4	42
West./Glaucous-winged Gull	1,583		1,583	B	L	Roby/Collis/Craig	6/2/1997	AP	W	4	42
West./Glaucous-winged Gull	1,046		1,046	B	L	Roby/Collis	6/12/1996	AP	W	3	42
Caspian Tern	1,176		2,070	B	0.57	Roby/Collis/Lyons	5/31/2000	A	W	2	42
Caspian Tern	16,656		13,742	B	1.21	Roby/Collis/Craig/Lyons	5/29/1999	AP	W	1	42
Caspian Tern	17,532		12,381	B	1.42	Roby/Collis/Craig	5/28/1998	AP	W	1	42
Caspian Tern	14,268		9,773	B	1.46	Roby/Collis/Craig	6/2/1997	AP	W	1	42
Caspian Tern	8,148		8,148	B	L	Roby/Collis	6/12/1996	AP	W	3	42
Caspian Tern	6,000	3,000	6,251	N	2	Atkinson	6/17/1991	AP	W	2	40
Caspian Tern	5,200	2,600	5,626	N	2	Atkinson	6/7/1988	AP	W	1	40
Caspian Tern	2,400	1,200	2,495	N	2	Atkinson	6/1/1987	C	W	3	40

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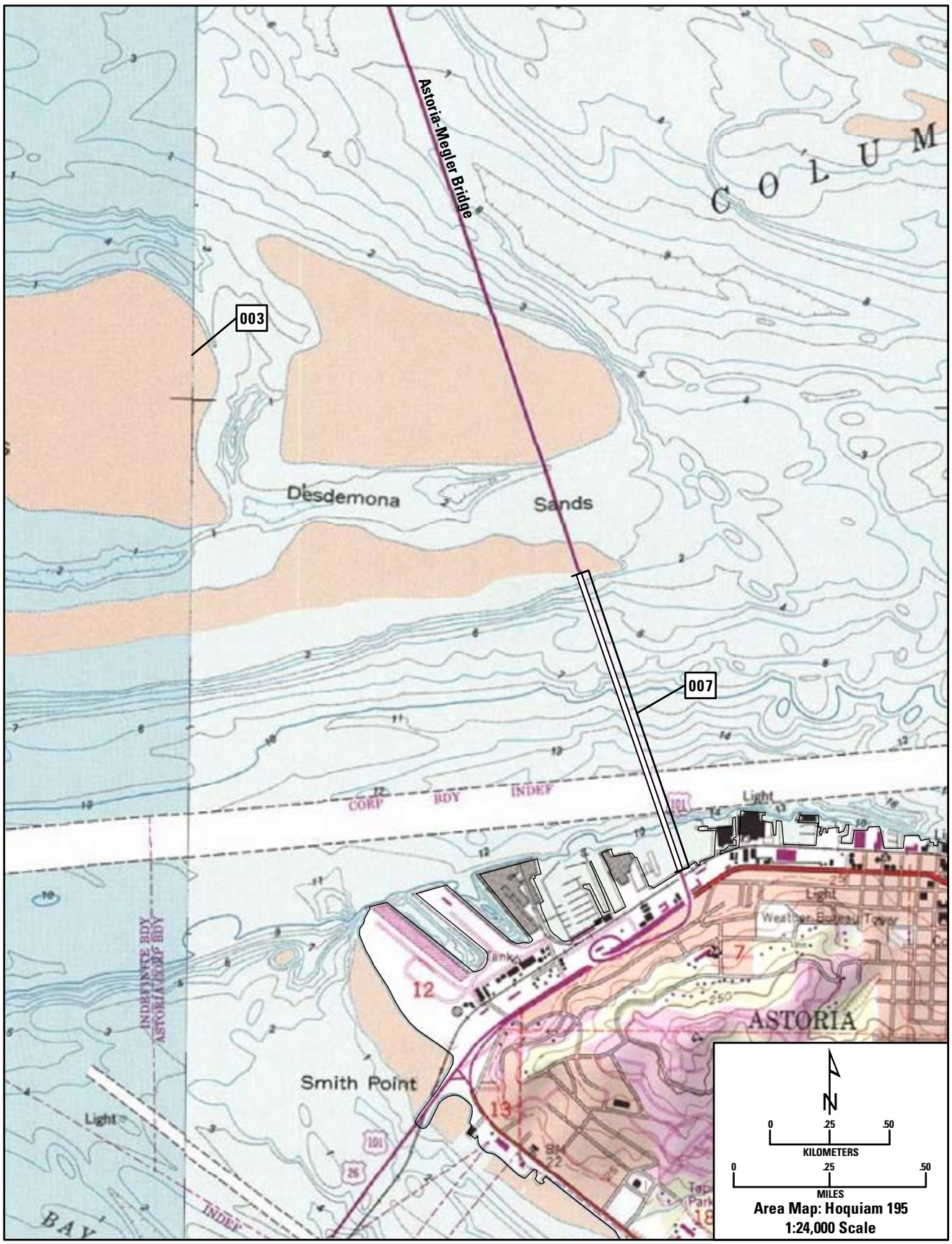

Area Map: Hoquiam 195
1:24,000 Scale

Area Map: 195 (Hoquiam) **Colony Number: 195-005** **"Miller Sands Channel Markers"**
Site Number: 005 **Clatsop County** **46° 14' 3" N, 123° 42' 51" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	344	172		N	2	Roby/Collis/Lyons/Myers	6/23/2003	B	W	1	42
Double-crested Cormorant	258	129		N	2	Roby/Collis/Lyons/Myers	8/5/2002	B	W	2	42
Double-crested Cormorant	128	64		N	2	Roby/Collis/Craig	6/2/1997	AP	W	1	42

Map on page 31

Area Map: 195 (Hoquiam) **Colony Number: 195-006** **"Miller Sands Spit"**
Site Number: 006 **Clatsop County** **46° 14' 54" N, 123° 40' 22" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	1,493		1,493	B	L	Roby/Collis/Lyons	5/21/2001	AP	W	3	42
Caspian Tern	0	0	0	B	L	Roby/Collis/Lyons	5/21/2001	AP	W	1	42
West./Glaucous-winged Gull	2,013		2,013	B	L	Roby/Collis/Craig/Lyons	5/29/1999	AP	W	3	42
West./Glaucous-winged Gull	742		742	B	L	Roby/Collis/Craig	5/28/1998	AP	W	4	42
West./Glaucous-winged Gull	1,268		1,268	B	L	Roby/Collis/Craig	6/2/1997	AP	W	3	42
Caspian Tern	0	0	0	B	L	Roby/Collis/Lyons	5/31/2000	AP	W	1	42
Caspian Tern	0	0	0	B	L	Roby/Collis/Craig/Lyons	5/29/1999	AP	W	1	42
Caspian Tern	48	24		N	2	Roby/Collis/Craig	5/28/1998	C	W	1	42
Caspian Tern	0	0	0	B	L	Roby/Collis/Craig	6/2/1997	AP	W	1	42

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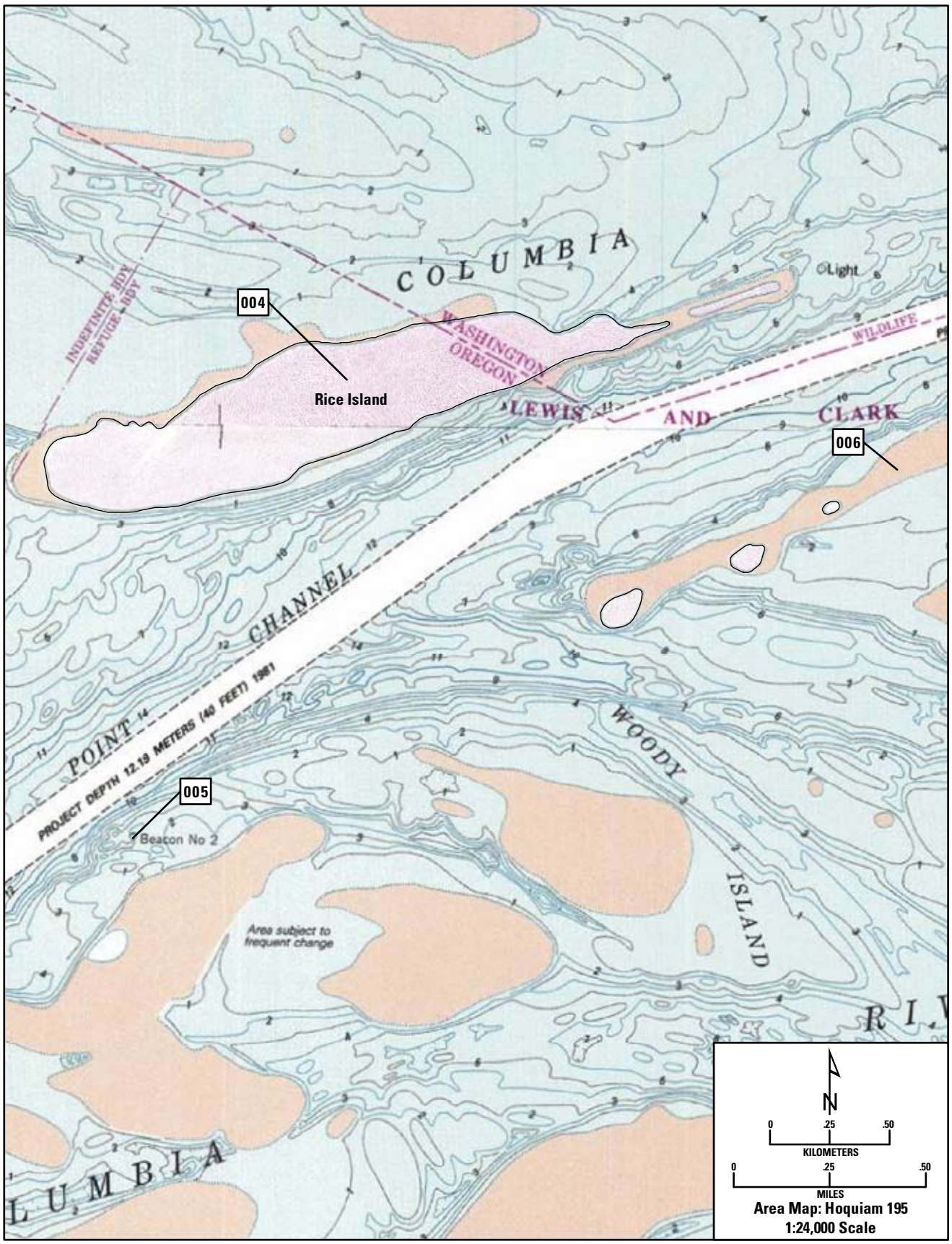
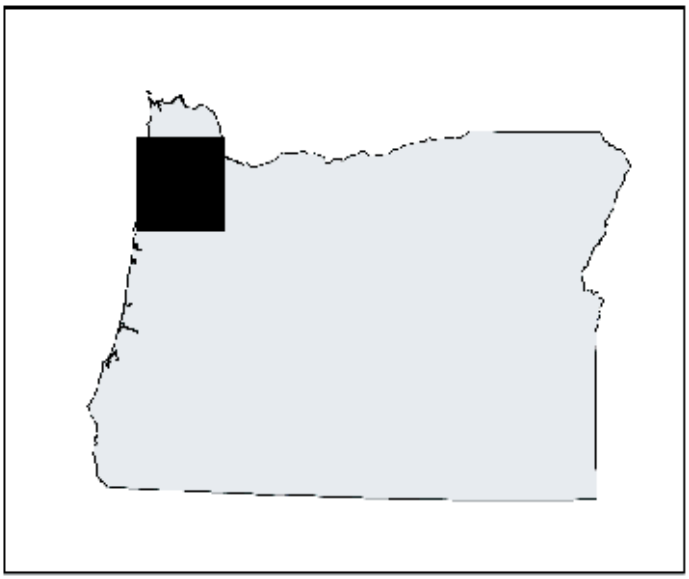
Area Map: 195 (Hoquiam) **Colony Number: 195-007** **Astoria-Megler Bridge**
Site Number: 007 **Clatsop County** **46° 11' 46" N, 123° 51' 9" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	284	142		N	2	Fischer	6/26/2003	B	W	1	44
Pelagic Cormorant	184	92		N	2	Fischer	6/10/2002	B	W	1	44
Pelagic Cormorant	168	84		N	2	Lyons	5/24/2001	B	W	1	44
Pelagic Cormorant	6	3		N	2	Craig	6/17/1999	B	W	1	44

Map on page 29



Area Map: Hoquiam 195
1:24,000 Scale



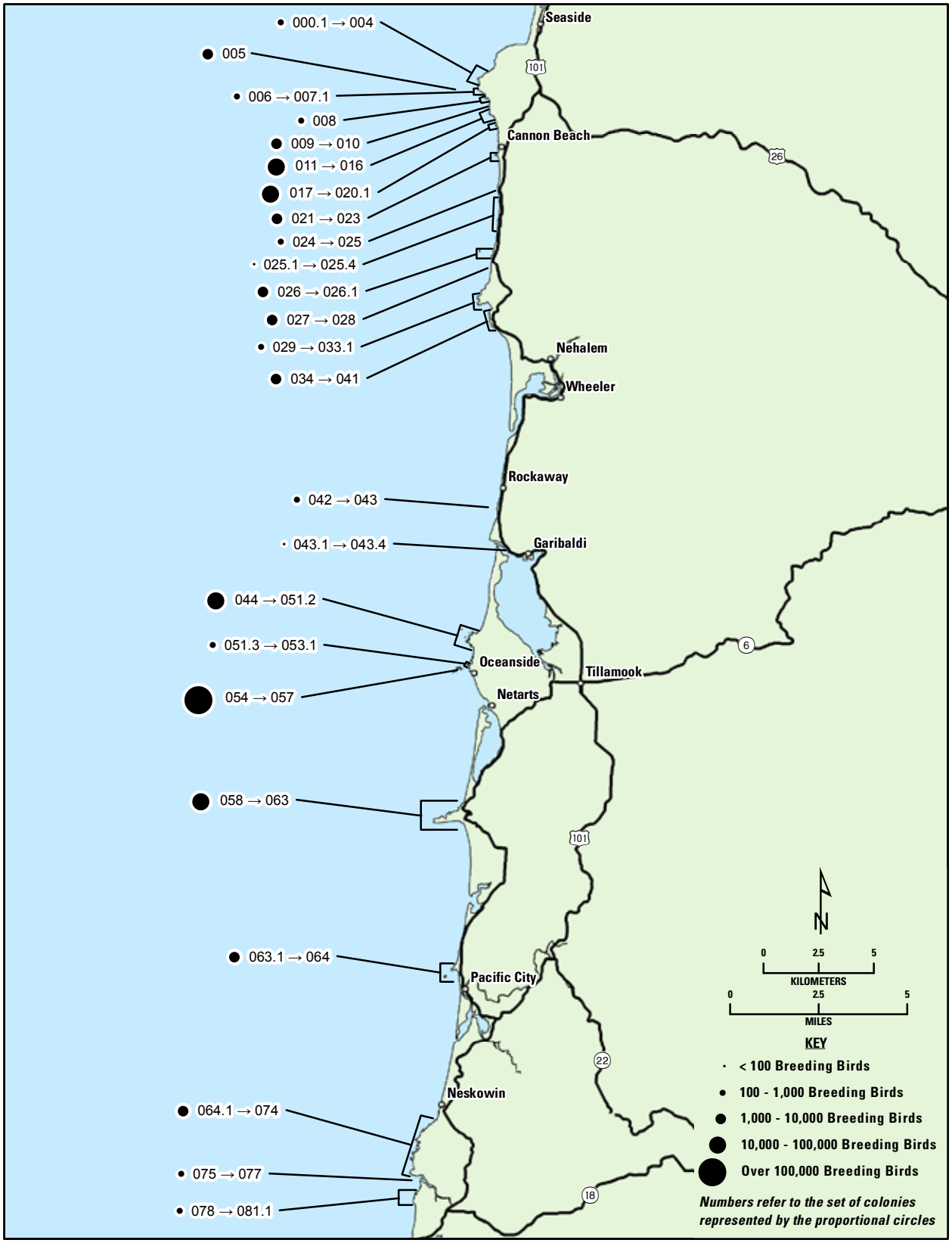
219
Vancouver

The map on the facing page is an index to the locations and relative sizes of seabird colonies within map 219, Vancouver, located along the northern Oregon coast. To reduce the complexity of this index, adjacent colonies are grouped together and the individual colonies in each group are indicated by the inclusive site numbers, separated by an arrow. On the pages following this map, all colonies are listed sequentially and a detailed map of each is provided.

Numbers of breeding seabirds will vary from year to year. Below are the most recent estimates of breeding seabirds within this region:

Fork-tailed Storm-Petrel	+
Leach's Storm-Petrel	26,100
Double-crested Cormorant	1,575
Brandt's Cormorant	9,090
Pelagic Cormorant	2,172
Black Oystercatcher	125
Western/Glaucous-winged Gull	7,145
Common Murre	316,790
Pigeon Guillemot	1,479
Cassin's Auklet	+
Rhinoceros Auklet	+
Tufted Puffin	3,880
TOTAL	**368,370**

Area Map 219—Vancouver



Area Map: 219 (Vancouver) **Colony Number: 219-000.1** **"Tillamook Head North Point"**
Site Number: 000.1 **Clatsop County** **45° 57' 4" N, 123° 59' 8" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/16/2003	B	W	1	3
Pigeon Guillemot	40		40	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	10	5		N	2	Lowe/Pitkin	7/16/1997	B	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
Pigeon Guillemot	50		50	B	L	Lowe/Pitkin	7/16/1997	B	W	3	2
Pigeon Guillemot	24		24	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2

Map on page 35

Area Map: 219 (Vancouver) **Colony Number: 219-001** **"Tillamook Head Rocks" (Eastern Rocks)**
Site Number: 001 **Clatsop County** **45° 56' 46" N, 123° 59' 42" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/16/2003	B	W	1	3
Brandt's Cormorant	10	5		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Common Murre	13		8	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Pigeon Guillemot	17		17	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pelagic Cormorant	2	1		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
Brandt's Cormorant	X			O	L	Lowe/Pitkin	7/16/1997	B	X	4	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	156	78		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	5		5	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

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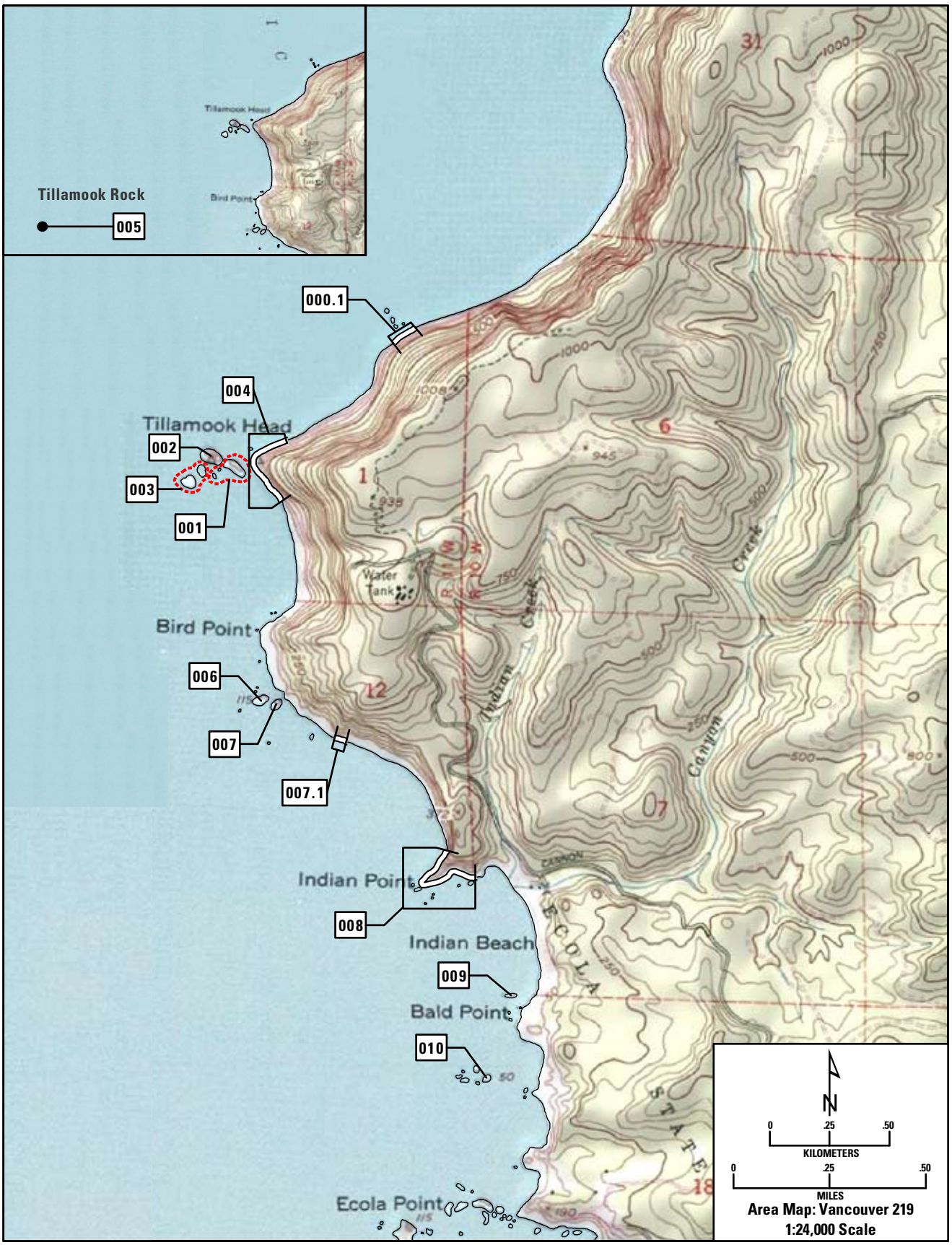
Tillamook Rock
005
000.1
004
Tillamook Head
002
003
001
Bird Point
006
007
007.1
Indian Point
008
Indian Beach
009
Bald Point
010
Ecola Point
Water Tank
Indian Creek
Canyon Creek
ECOLA STATE
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Vancouver 219
1:24,000 Scale

Area Map: 219 (Vancouver) **Colony Number: 219-002 "Tillamook Head Rocks" (Northern Rock)**
Site Number: 002 **Clatsop County** **45° 56' 47" N, 123° 59' 45" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	302	151		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	12	6		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Common Murre	179		107	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Pigeon Guillemot	24		24	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Brandt's Cormorant	96	48		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	460	230		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	1,082	541		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	600	300		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	6	3		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	802	401		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	750	375		N	2	Pitman	6/22/1979	AP	W	1	1
Common Murre	17		10	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	112		67	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	179		107	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	12		7	B	1.67	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	67		40	B	1.67	Lowe/Anderson	6/8/1988	B	W	2	2
Common Murre	167		100	B	1.67	Pitman	6/22/1979	AP	W	2	1
Pigeon Guillemot	34		34	B	L	Lowe/Pitkin	7/16/1997	B	W	3	2
Pigeon Guillemot	5		5	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	10		10	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

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Area Map: 219 (Vancouver) **Colony Number: 219-003** **"Tillamook Head Rocks" (Southwestern Rocks)**
Site Number: 003 **Clatsop County** **45° 56' 44" N, 123° 59' 49" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	18	9		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Common Murre	199		119	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Pigeon Guillemot	32		32	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Brandt's Cormorant	66	33		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	222	111		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	34	17		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	136	68		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	60	30		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	380	190		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	8	4		N	2	Pitman/Varoujean	6/10/1979	B	W	2	1
Common Murre	7		4	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	197		118	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	12		7	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	289		173	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Pigeon Guillemot	8		8	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	5		5	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

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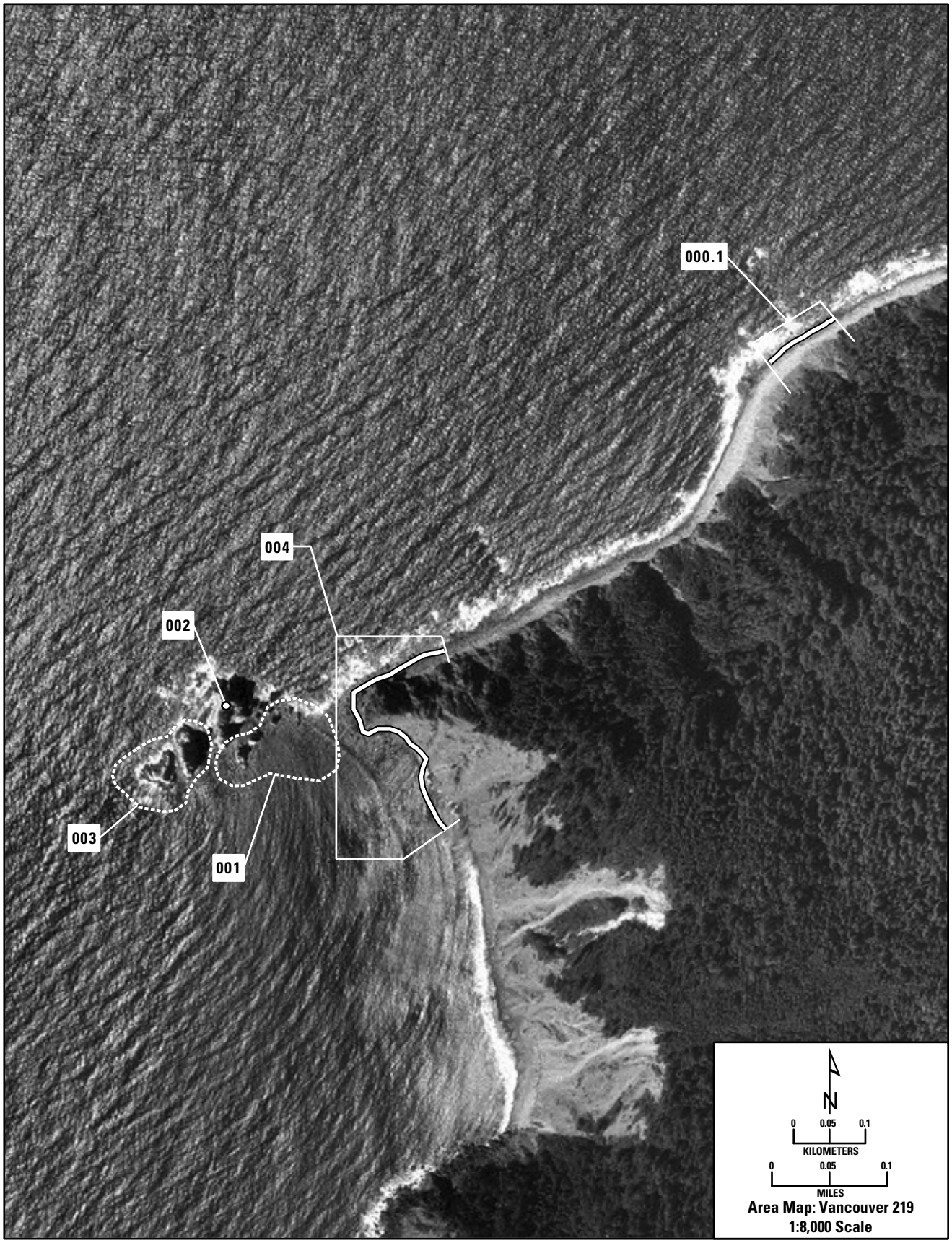
Area Map: 219 (Vancouver) **Colony Number: 219-004** **"Tillamook Head Point"**
Site Number: 004 **Clatsop County** **45° 56' 46" N, 123° 59' 37" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/16/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pigeon Guillemot	16		16	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	50	25		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	48	24		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
Pigeon Guillemot	15		15	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	47		47	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

Map on page 35

Area Map: 219 (Vancouver) **Colony Number: 219-001C** **"Tillamook Head Complex"**
Site Number: 001-004 **Clatsop County** **45° 56' 45" N, 123° 59' 40" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	175		175	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	900		900	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	500		500	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	850		850	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	800		800	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	300		300	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	300		300	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	100		100	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	500		500	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	200		200	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Unidentified Cormorant	800		800	B	L	Marshall/Glahn	5/14/1963	A	T	3	4
West./Glaucous-winged Gull	30		30	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	50		50	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	X			O	L	Rodgers/Glahn	7/1/1969	A	X	4	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
Common Murre	0		0	B	L	USFWS	6/6/1977	A	W	3	4
Common Murre	0		0	B	L	USFWS	June/1976	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/28/1975	A	W	3	4
Common Murre	0		0	B	L	USFWS	7/12/1974	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/26/1972	A	W	3	4
Common Murre	0		0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	3	4
Common Murre	0		0	B	L	Glahn	6/18/1970	A	W	3	4
Common Murre	0		0	B	L	Rodgers/Glahn	7/1/1969	A	W	3	4
Common Murre	0		0	B	L	Rodgers/Glahn	6/21/1968	A	W	3	4
Common Murre	0		0	B	L	Rodgers/Glahn	6/27/1967	A	W	3	4
Common Murre	0		0	B	L	Marshall/Glahn	6/24/1966	A	W	3	4
Pigeon Guillemot	2		2	B	L	Marshall/Glahn	5/14/1963	A	T	4	4



Area Map: Vancouver 219
1:8,000 Scale

Area Map: 219 (Vancouver) **Colony Number: 219-005** **Tillamook Rock**
Site Number: 005 **Clatsop County** **45° 56' 15" N, 124° 1' 8" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	32	16		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	14	7		N	2	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	423		253	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	4		4	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Unidentified Cormorant	300		300	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	1,200		1,200	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	150		150	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	50		50	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	800		800	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Brandt's Cormorant	36	18		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/6/2001	AP	W	1	3
Brandt's Cormorant	14	7		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	96	48		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	426	213		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	716	358		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	562	281		N	2	Lowe/Pitkin	5/23/1995	AP	W	1	2
Brandt's Cormorant	608	304		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	568	284		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	674	337		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	684	342		N	2	Lowe/Naughton	6/5/1991	AP	W	1	2
Brandt's Cormorant	1,070	535		N	2	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	784	392		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	436	218		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	750	375		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	6/24/1993	AP	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Riemer	6/2/1992	AP	X	4	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Naughton	6/5/1991	AP	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	7/12/1974	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	800		800	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	X			O	L	Rodgers/Glahn	7/1/1969	A	X	4	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
Common Murre	666		399	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	37		22	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	872		522	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3

Colony 219-005 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	6,379		3,820	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	10,366		6,207	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	7,624		4,565	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	10,615		6,356	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	12,022		7,199	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	9,158		5,484	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	1,015		608	B	1.67	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	9,572		5,732	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	10,720		6,419	B	1.67	Lowe/Naughton	6/5/1991	AP	W	2	2
Common Murre	10,711		6,414	B	1.67	Lowe/Naughton	6/14/1990	AP	W	2	2
Common Murre	6,102		3,654	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	9,399		5,628	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	1,086		650	B	1.67	Pitman	6/22/1979	AP	W	2	1
Common Murre	500		500	B	L	USFWS	6/6/1977	A	T	3	4
Common Murre	60		60	B	L	USFWS	June/1976	A	T	3	4
Common Murre	300		300	B	L	USFWS	6/28/1975	A	T	3	4
Common Murre	450		450	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	0		0	B	L	USFWS	6/26/1972	A	W	3	4
Common Murre	0		0	B	L	Glahn	6/18/1970	A	W	3	4
Common Murre	0		0	B	L	Rodgers/Glahn	7/1/1969	A	W	3	4
Common Murre	0		0	B	L	Rodgers/Glahn	6/21/1968	A	W	3	4
Pigeon Guillemot	10		10	B	L	Lowe/Pitkin	7/16/1997	B	W	3	2
Pigeon Guillemot	7		7	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2

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Tillamook Rock (219-005) July 16, 1997 *David S. Pitkin*

"Tillamook Head Rocks" (219-001 to 219-003) June 22, 1979 *Robert L. Pitman*

Tillamook Rock (219-005) June 4, 1996 *David S. Pitkin*

Area Map: 219 (Vancouver) **Colony Number: 219-006** **"Bald Mountain Rock"**
Site Number: 006 **Clatsop County** **45° 56' 14" N, 123° 59' 35" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/16/2003	B	W	1	3
Brandt's Cormorant	32	16		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pigeon Guillemot	12		12	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	12	6		N	2	Lowe/Pitkin	7/16/1997	B	W	2	2
Pelagic Cormorant	0	0		N	L	Lowe/Naughton	6/9/1989	AP	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Brandt's Cormorant	40	20		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	164	82		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	96	48		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	120	60		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	5/25/1996	AP	W	1	2
Brandt's Cormorant	104	52		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	152	76		N	2	Lowe/Naughton	6/5/1991	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	96	48		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	66	33		N	2	Pitman	6/22/1979	AP	W	2	1
Pigeon Guillemot	17		17	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	5		5	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

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Area Map: 219 (Vancouver)
Site Number: 007

Colony Number: 219-007
Clatsop County

"Bald Mountain Headland"
45° 56' 14" N, 123° 59' 32" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	302	151		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Common Murre	5		3	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	17		17	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	260	130		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	288	144		N	2	Lowe/Pitkin	6/8/1997	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	5/25/1996	AP	W	1	2
Brandt's Cormorant	94	47		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/24/1993	A	W	1	2
Brandt's Cormorant	586	293		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	0	0		U	L	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	362	181		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	200	100		N	2	Pitman	6/22/1979	AP	W	2	1
Common Murre	0		0	B	L	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Naughton	6/14/1990	AP	W	2	2
Common Murre	17		10	B	1.67	Pitman/Varoujean	6/10/1979	B	W	2	1
Common Murre	0		0	B	L	USFWS	6/6/1977	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/1/1976	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/28/1975	A	W	3	4
Common Murre	0		0	B	L	USFWS	7/12/1974	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/26/1972	A	W	3	4
Pigeon Guillemot	10		10	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

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Area Map: 219 (Vancouver)
Site Number: 006-007

Colony Number: 219-006C
Clatsop County

"Bald Mountain Rocks Complex"
45° 56' 14" N, 123° 59' 34" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	20		20	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	230		230	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	10		10	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4

Area Map: 219 (Vancouver)
Site Number: 007.1

Colony Number: 219-007.1
Clatsop County

"Unnamed Colony"
45° 56' 9" N, 123° 59' 19" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/16/2003	B	W	1	3
Pigeon Guillemot	5		5	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	10	5		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2

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Area Map: 219 (Vancouver)
Site Number: 008

Colony Number: 219-008
Clatsop County

Indian Point
45° 55' 50" N, 123° 59' 2" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	88	44		N	2	Pitkin/Wells	7/16/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pigeon Guillemot	84		84	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	36	18		N	2	Lowe/Pitkin	7/16/1997	B	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pelagic Cormorant	30	15		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
West./Glaucous-winged Gull	2	1		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
Pigeon Guillemot	22		22	B	L	Lowe/Pitkin	7/16/1997	B	W	3	2
Pigeon Guillemot	15		15	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	45		45	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

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Area Map: 219 (Vancouver)
Site Number: 009

Colony Number: 219-009
Clatsop County

Submarine Rock
45° 55' 35" N, 123° 58' 46" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	16	8		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	6/4/1988	AP	W	3	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/24/1993	A	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe	6/5/1991	AP	W	1	2
Brandt's Cormorant	36	18		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Pitkin	7/16/1997	B	W	1	2
West./Glaucous-winged Gull	2		2	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
West./Glaucous-winged Gull	2	1		N	2	Pitman/Varoujean	6/10/1979	B	W	2	1
West./Glaucous-winged Gull	42	21		N	2	Pitman/Varoujean	6/10/1979	B	W	2	1

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Area Map: 219 (Vancouver) **Colony Number: 219-010** **"Unnamed Colony"**
Site Number: 010 **Clatsop County** **45° 55' 23" N, 123° 58' 50" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	14	7		N	2	Pitkin/Wells	7/16/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	30	15		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Common Murre	2,462		1,474	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	54	27		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	28	14		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	94	47		B	L	Lowe/Pitkin	6/21/1995	AP	W	3	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Naughton	6/5/1991	AP	W	1	2
Brandt's Cormorant	306	153		N	2	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	4	2		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	36	18		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
West./Glaucous-winged Gull	40	20		N	2	Pitman/Varoujean	6/10/1979	B	W	2	1
Common Murre	2,782		1,666	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	2,076		1,243	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	2,662		1,594	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	2,315		1,386	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	1,500		898	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	220		132	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	716		429	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	1,055		632	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	215		129	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	267		160	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	189		113	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	311		186	B	1.67	Lowe/Naughton	6/5/1991	AP	W	2	2
Common Murre	187		112	B	1.67	Lowe/Naughton	6/14/1990	AP	W	2	2
Common Murre	94		56	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	35		21	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2

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Area Map: 219 (Vancouver) **Colony Number: 219-011** **"Unnamed Colony"**
Site Number: 011 **Clatsop County** **45° 55' 14" N, 123° 58' 41" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/16/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pigeon Guillemot	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	2	1		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
West./Glaucous-winged Gull	2	1		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1

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Area Map: 219 (Vancouver) **Colony Number: 219-012** **"Ecola Point Rocks"**
Site Number: 012 **Clatsop County** **45° 55' 6" N, 123° 58' 52" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	4	2		N	2	Pitkin/Wells	7/16/2003	B	W	1	3
Brandt's Cormorant	874	437		N	2	Pitkin/Lowe	6/9/2003	AP	W	2	3
West./Glaucous-winged Gull	134	67		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Common Murre	291		174	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Pigeon Guillemot	6		6	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Black Oystercatcher	3		3	B	L	Lowe/Anderson	5/10/1988	M	W	3	2
Pelagic Cormorant	22	11		N	2	Lowe/Pitkin	7/16/1997	B	W	2	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/13/1993	B	W	1	2
Pelagic Cormorant	8	4		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pelagic Cormorant	6	3		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
West./Glaucous-winged Gull	60	30		N	2	Pitman/Varoujean	6/10/1979	B	W	2	1
Pigeon Guillemot	5		5	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

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Area Map: 219 (Vancouver) **Colony Number: 219-012.1** **"Ecola Point Headland"**
Site Number: 012.1 **Clatsop County** **45° 55' 3" N, 123° 58' 37" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	16	8		N	2	Lowe/Anderson	5/10/1988	M	W	1	2

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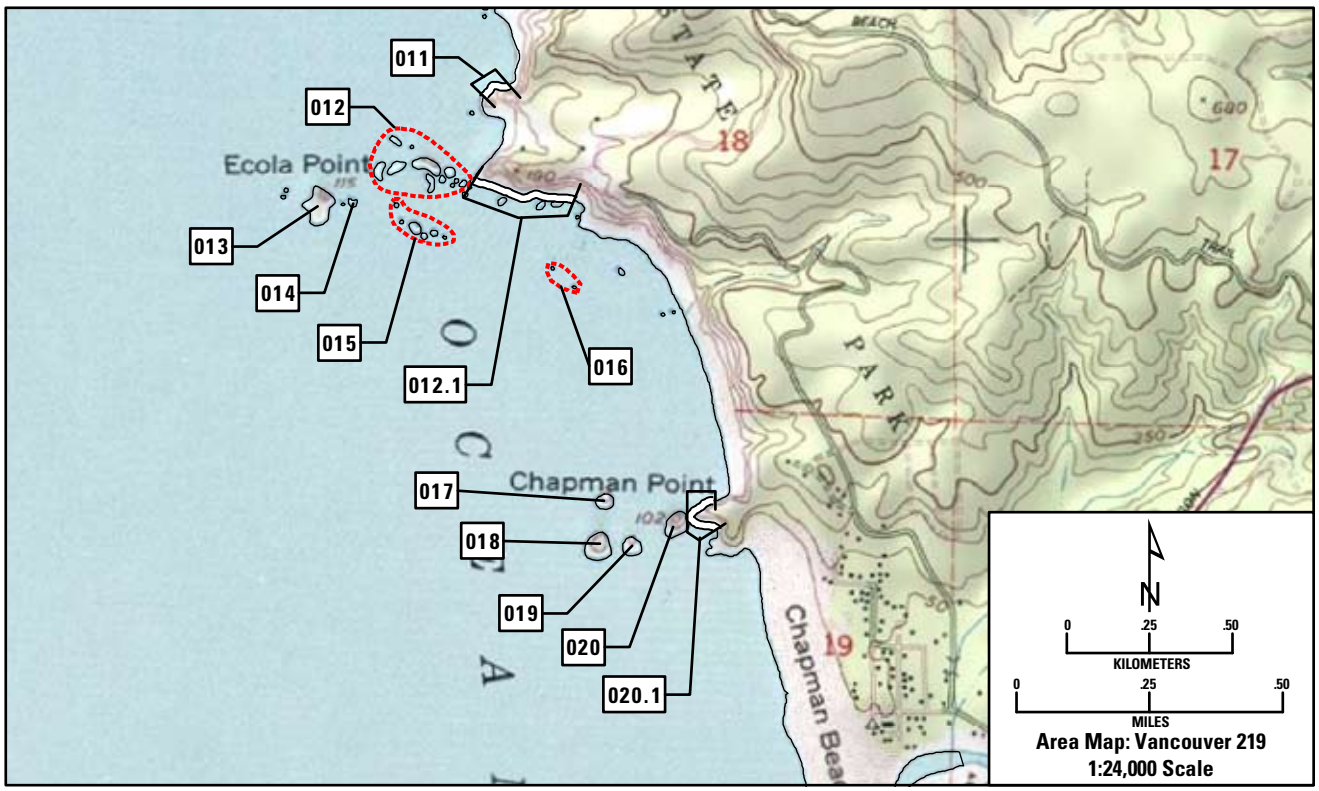

"Ecola Point Complex" (219-012, 219-014 to 219-016), Chapman Point, and Bird Rocks (219-017 to 219-012) June 4, 1996 *David S. Pitkin*

Area Map: 219 (Vancouver) **Colony Number: 219-013** **Sea Lion Rock**
Site Number: 013 **Clatsop County** **45° 55' 2" N, 123° 59' 6" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/16/2003	B	W	1	3
Brandt's Cormorant	32	16		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	42	21		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Common Murre	16,254		9,733	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	2		2	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/16/1997	B	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
Pelagic Cormorant	26	13		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
Brandt's Cormorant	76	38		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	200	100		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	324	162		N	2	Pitkin/Lowe	6/6/2001	AP	W	1	3
Brandt's Cormorant	26	13		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	442	221		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	1,072	536		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	66	33		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	624	312		N	2	Lowe/Pitkin	6/4/1996	AP	W	2	2
Brandt's Cormorant	480	240		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	24	12		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	348	174		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	692	346		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	264	132		N	2	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	1,354	677		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	8	4		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	232	116		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	58	29		N	2	Pitman/Varoujean	6/10/1979	B	W	2	1
Common Murre	17,575		10,524	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	18,423		11,032	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	15,362		9,199	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	11,929		7,143	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	14,023		8,397	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	6,338		3,795	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	3,741		2,240	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	3,889		2,329	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	4,499		2,694	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	3,580		2,144	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	912		546	B	1.67	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	3,654		2,188	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	2,941		1,761	B	1.67	Lowe/Naughton	6/14/1990	AP	W	2	2

Colony 219-013 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	3,193		1,912	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	2,675		1,602	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	459		275	B	1.67	Pitman	6/22/1979	AP	W	2	1
Pigeon Guillemot	6		6	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	5		5	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

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Sea Lion Rock (219-013) June 4, 1996 *David S. Pitkin*

Area Map: 219 (Vancouver) **Colony Number: 219-014** **"Unnamed Colony"**
Site Number: 014 **Clatsop County** **45° 55' 2" N, 123° 59' 1" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/16/2003	B	W	2	3
Brandt's Cormorant	0	0		N	L	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Pitkin	7/13/1993	B	W	2	2
Common Murre	434		260	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pelagic Cormorant	10	5		N	2	Lowe/Pitkin	7/16/1997	B	W	2	2
Pelagic Cormorant	8	4		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
Pelagic Cormorant	8	4		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pelagic Cormorant	2	1		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
Brandt's Cormorant	16	8		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	30	15		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	38	19		N	2	Pitkin/Lowe	6/6/2001	AP	W	1	3
Brandt's Cormorant	22	11		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	10	5		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	4	2		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	38	19		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	22	11		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	18	9		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	18	9		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	14	7		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	14	7		N	2	Lowe/Riemer	6/2/1991	AP	W	1	2
Brandt's Cormorant	28	14		N	2	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	2	1		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	68	34		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	62	31		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	2	1		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
Common Murre	483		289	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	418		250	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	419		251	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	389		233	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	384		230	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	227		136	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	150		90	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	189		113	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	217		130	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	72		43	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	94		56	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	94		56	B	1.67	Lowe/Riemer	6/5/1991	AP	W	2	2

Colony 219-014 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	48		29	B	1.67	Lowe/Naughton	6/14/1990	AP	W	2	2
Common Murre	45		27	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	30		18	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	33		20	B	1.67	Pitman/Varoujean	6/10/1979	B	W	2	1
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2

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Area Map: 219 (Vancouver)
Site Number: 015

Colony Number: 219-015
Clatsop County

"Unnamed Colony"
45° 55' 0" N, 123° 58' 51" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	8	4		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Common Murre	117		70	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Pigeon Guillemot	3		3	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
West./Glaucous-winged Gull	8	4		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Pitman/Varoujean	6/10/1979	B	W	2	1
Pigeon Guillemot	8		8	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	1		1	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

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Area Map: 219 (Vancouver)
Site Number: 016

Colony Number: 219-016
Clatsop County

"Unnamed Colony"
45° 54' 55" N, 123° 58' 31" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	36	18		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson	5/10/1988	M	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1

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Area Map: 219 (Vancouver) **Colony Number: 219-011C** **"Ecola Point Complex"**
Site Number: 011-016 **Clatsop County** **45° 55' 2" N, 123° 58' 48" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Seabirds	0		0	O	L	Marshall/Glahn	7/9/1964	A	W	1	4
Unidentified Cormorant	375		375	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	275		275	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	135		135	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	70		70	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	700		700	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	400		400	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	1,000		1,000	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	75		75	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	200		200	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	7/1/1969	A	W	1	4
West./Glaucous-winged Gull	200		200	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Common Murre	1,500		1,500	B	L	USFWS	6/6/1977	A	T	3	4
Common Murre	450		450	B	L	USFWS	June/1976	A	T	3	4
Common Murre	1,300		1,300	B	L	USFWS	6/28/1975	A	T	3	4
Common Murre	175		175	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Common Murre	300		300	B	L	USFWS	6/26/1972	A	T	3	4
Common Murre	0		0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	3	4
Common Murre	0		0	B	L	Glahn	6/18/1970	A	W	3	4
Common Murre	50		50	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Common Murre	X			U	L	Rodgers/Glahn	6/21/1968	A	X	4	4
Common Murre	0		0	B	L	Marshall/Glahn	6/24/1966	A	W	3	4

Area Map: 219 (Vancouver) **Colony Number: 219-017** **Bird Rocks (Northern)**
Site Number: 017 **Clatsop County** **45° 54' 33" N, 123° 58' 25" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	430	215		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	20	10		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Common Murre	4,661		2,791	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	2		2	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Brandt's Cormorant	76	38		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
Brandt's Cormorant	150	75		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	172	86		N	2	Pitkin/Lowe	6/6/2001	AP	W	1	3
Brandt's Cormorant	52	26		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	270	135		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	140	70		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	474	237		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	328	164		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	222	111		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	304	152		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	136	68		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	482	241		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	628	314		N	2	Lowe/Naughton	6/5/1991	AP	W	1	2
Brandt's Cormorant	242	121		N	2	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	200	100		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	456	228		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	230	115		N	2	Pitman	7/16/1979	AP	W	2	1
West./Glaucous-winged Gull	30	15		N	2	Pitman/Varoujean	6/10/1979	B	W	2	1
West./Glaucous-winged Gull	45		45	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	600		600	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	7/1/1969	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
Common Murre	6,770		4,054	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	6,937		4,154	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	5,838		3,496	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	4,215		2,524	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	7,019		4,203	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	4,299		2,574	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	2,583		1,547	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	3,250		1,946	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2

Colony 219-017 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	5,252		3,145	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	3,899		2,335	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	252		151	B	1.67	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	4,504		2,697	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	4,142		2,480	B	1.67	Lowe/Naughton	6/5/1991	AP	W	2	2
Common Murre	4,846		2,902	B	1.67	Lowe/Naughton	6/14/1990	AP	W	2	2
Common Murre	4,112		2,462	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	4,673		2,798	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	1,002		600	B	1.67	Pitman	6/22/1979	AP	W	2	1
Common Murre	6,500		6,500	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	1,500		1,500	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	7,900		7,900	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	3,600		3,600	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	6,800		6,800	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	7,500		7,500	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	3,100		3,100	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	8,000		8,000	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	4,500		4,500	B	L	Rodgers/Glahn	7/1/1969	A	Y	3	4
Common Murre	4,000		4,000	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	2,000		2,000	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	2,000		2,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4

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Area Map: 219 (Vancouver)
Site Number: 018

Colony Number: 219-018
Clatsop County

Bird Rocks (Western)
45° 54' 29" N, 123° 58' 26" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	536	268		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	22	11		N	2	Lowe	6/8/1988	B,M	W	1	2
Common Murre	32,148		19,250	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Pigeon Guillemot	4		4	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Brandt's Cormorant	1,902	951		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	970	485		N	2	Pitman	7/16/1979	AP	W	2	1
West./Glaucous-winged Gull	38	19		N	2	Pitman/Varoujean	6/10/1979	B	W	2	1
Common Murre	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
Common Murre	6,263		3,750	B	1.67	Pitman	7/16/1979	AP	W	2	1
Pigeon Guillemot	1		1	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	3		3	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

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Due to Bald Eagle disturbance at this colony the most recent survey data are not included in the MRA box.

Bird Rocks (Western) (219-018) June 4, 1996 *David S. Pitkin*

Area Map: 219 (Vancouver)
Site Number: 019

Colony Number: 219-019
Clatsop County

Bird Rocks (South Central)
45° 54' 29" N, 123° 58' 21" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	84	42		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	10	5		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	12,819		7,676	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	2		2	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Unidentified Cormorant	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
Brandt's Cormorant	126	63		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	148	74		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	226	113		N	2	Pitkin/Lowe	6/6/2001	AP	W	1	3
Brandt's Cormorant	34	17		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	242	121		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	384	192		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	512	256		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	1,240	620		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	646	323		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	624	312		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	752	376		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	250	125		N	2	Pitman	7/16/1979	AP	W	2	1
West./Glaucous-winged Gull	40	20		N	2	Pitman/Varoujean	6/10/1979	B	W	2	1
Common Murre	16,383		9810	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	16,473		9,864	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	20,182		12,085	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	3,529		2,113	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	16,874		10,104	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	9,576		5,734	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	8,422		5,043	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	9,284		5,559	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	11,929		7,143	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
Common Murre	10,077		6,034	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	9369		5,610	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	585		350	B	1.67	Pitman	7/16/1979	AP	W	2	1

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Area Map: 219 (Vancouver)
Site Number: 020

Colony Number: 219-020
Clatsop County

Bird Rocks (Eastern)
45° 54' 31" N, 123° 58' 15" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	178	89		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Tufted Puffin	2	1		N	2	Kerr	7/1/1988	M	W	3	2
Black Oystercatcher	2		2	B	L	Kerr	7/1/1988	M	W	3	2
West./Glaucous-winged Gull	170	85		N	2	Pitman/Varoujean	6/10/1979	B	W	2	1
Pigeon Guillemot	2		2	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1
Tufted Puffin	20			B	L	Pitman/Varoujean	6/10/1979	B	Y	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

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Common Murre allopreening *David S. Pitkin*

Area Map: 219 (Vancouver) **Colony Number: 219-017C** **"Bird Rocks Complex"**
Site Number: 017-020 **Clatsop County** **45° 54' 31" N, 123° 58' 20" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	500		500	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	2,600		2,600	B	L	USFWS	6/29/1973	A	Y	3	4
Unidentified Cormorant	900		900	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	1,200		1,200	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	1,800		1,800	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	300		300	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	3,800		3,800	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	2,000		2,000	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	4,000		4,000	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	700		700	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Unidentified Cormorant	6,000		6,000	B	L	Marshall/Glahn	5/14/1963	A	T	3	4
West./Glaucous-winged Gull	45		45	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	600		600	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	7/1/1969	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
West./Glaucous-winged Gull	100		100	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Common Murre	3,000		3,000	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Common Murre	,4000		4,000	B	L	Marshall/Glahn	5/14/1963	A	T	3	4

Area Map: 219 (Vancouver)
Site Number: 020.1

Colony Number: 219-020.1
Clatsop County

Chapman Point
45° 54' 32" N, 123° 58' 13" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	4	2		N	2	Lowe	7/2/1988	M	W	1	2
Pigeon Guillemot	4	2		N	2	Kerr	7/1/1988	M	W	1	2

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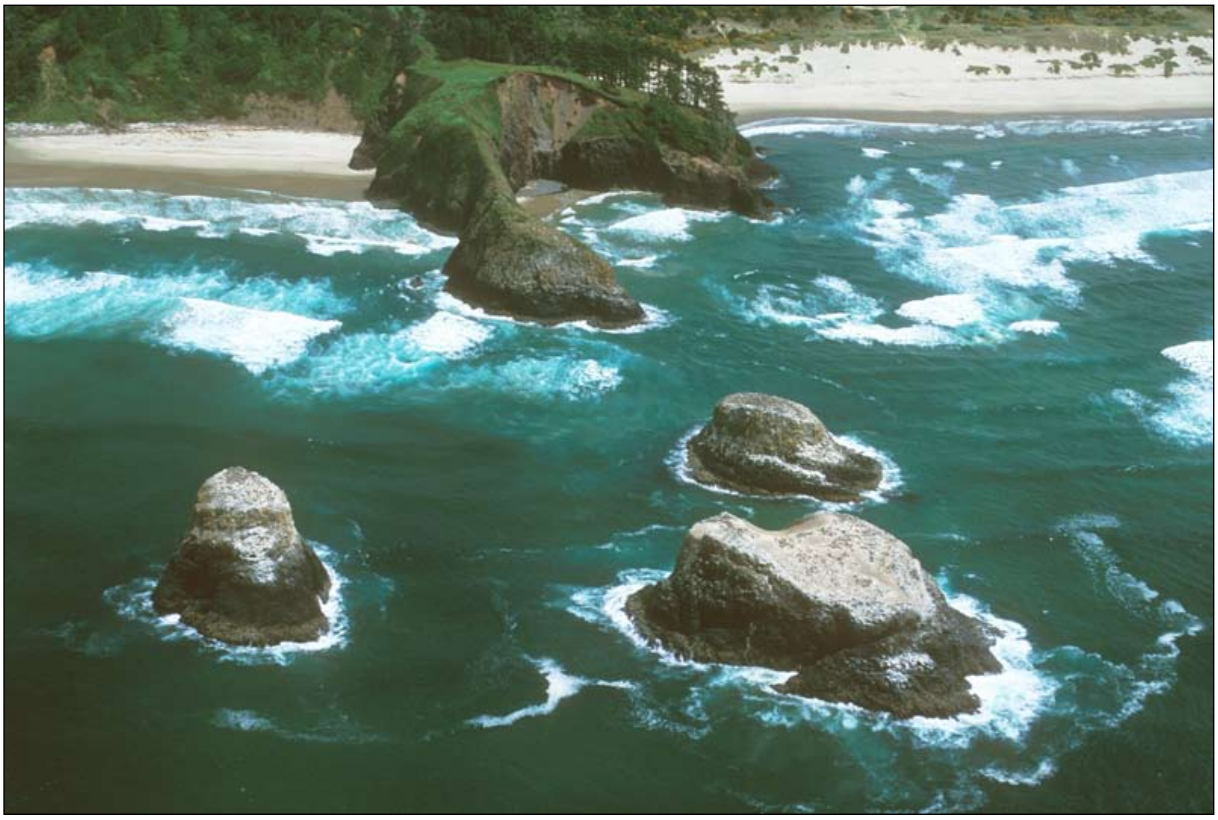
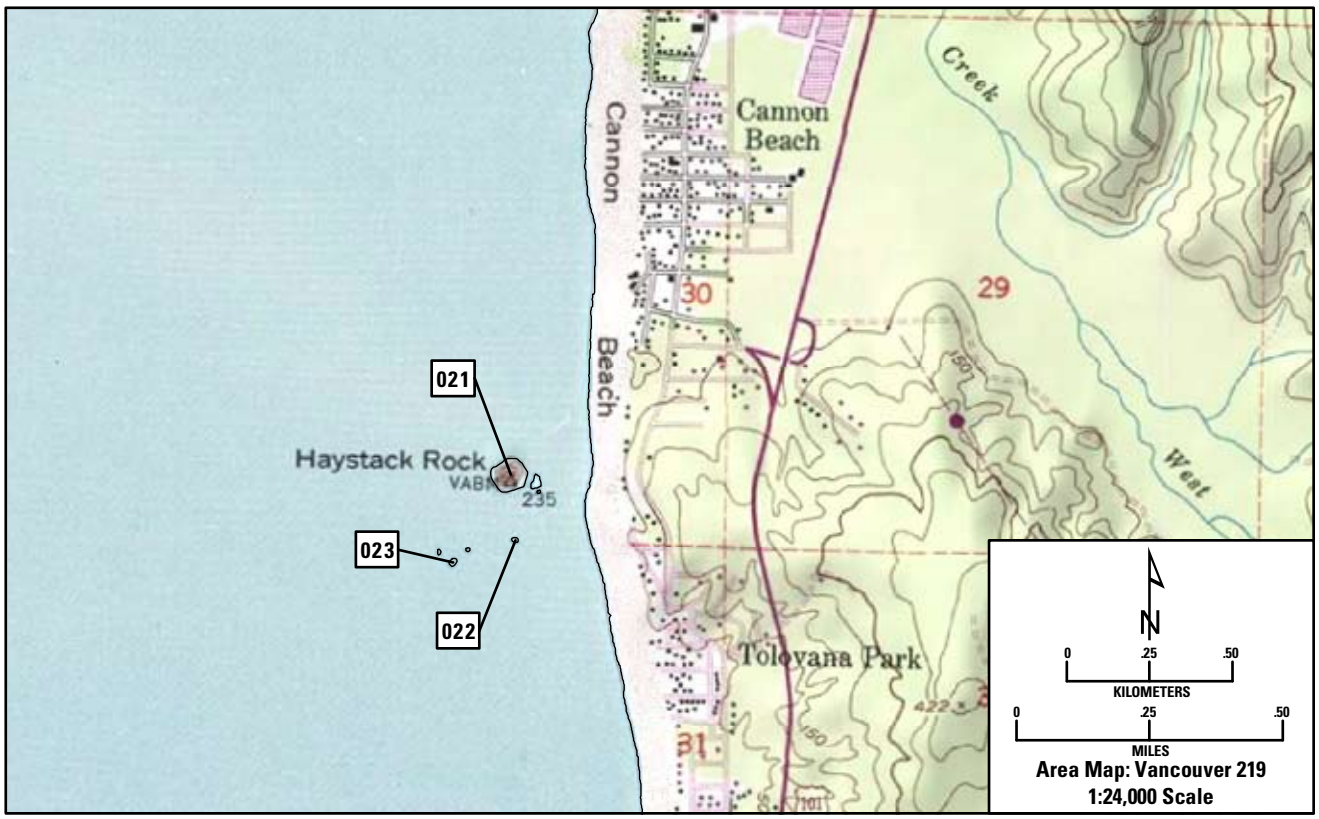


Bird Rocks (219-017 to 219-020) June 8, 1998 *David S. Pitkin*

Area Map: 219 (Vancouver) **Colony Number: 219-021** **Haystack Rock**
Site Number: 021 **Clatsop County** **45° 53' 4" N, 123° 58' 6" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	P			O	L	Lowe/Anderson	5/10/1988	M	P	4	2
Fork-tailed Storm-Petrel	P			O	L	Lowe/Anderson	5/10/1988	M	P	4	2
Pelagic Cormorant	224	112		N	2	Pitkin/Wells	7/16/2003	B,M	W	1	3
West./Glaucous-winged Gull	1,081		1,081	B	L	Lowe/Anderson	6/4/1988	AP	W	3	2
Pigeon Guillemot	10		10	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Cassin's Auklet	P			O	L	Graybill/Pitman/Varoujean	6/10/1979	B	P	4	1
Rhinoceros Auklet	P			O	L	Lowe/Anderson	6/8/1988	B	P	4	2
Tufted Puffin	612	306		B	2	Lowe/Anderson	6/8/1988	B,M	Y	3	2
Leach's Storm-Petrel	P			O	L	Graybill/Pitman/Varoujean	6/10/1979	B,M	P	4	1
Leach's Storm-Petrel	P			O	L	Browning/English	5/5/1967	M	P	4	5
Fork-tailed Storm-Petrel	P			O	L	Graybill/Pitman/Varoujean	6/10/1979	B,M	P	4	1
Pelagic Cormorant	196	98		N	2	Lowe/Anderson	5/10/1988	M	W	1	2
Pelagic Cormorant	160	80		N	2	Graybill/Pitman/Varoujean	6/10/1979	B,M	W	1	1
Pelagic Cormorant	30	15		N	2	Browning/English	5/5/1967	M	Z	4	5
Pelagic Cormorant	44		44	B	L	McCamant	7/1/1963	M	T	4	18
Brandt's Cormorant	20		20	B	L	Browning	7/25/1960	M	T	3	5
West./Glaucous-winged Gull	600	300		N	2	Graybill/Pitman/Varoujean	6/10/1979	B,M	W	2	1
West./Glaucous-winged Gull	149		149	B	L	Hoffman et al.	1975	M	T	4	32
West./Glaucous-winged Gull	300		300	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	240		240	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	1,800		1,800	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	400		400	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	600		600	B	L	Glahn	6/18/1970	A	T	3	4
West./Glaucous-winged Gull	300		300	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
West./Glaucous-winged Gull	530		530	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
West./Glaucous-winged Gull	200		200	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
West./Glaucous-winged Gull	100		100	B	L	Browning/English	5/5/1967	M	T	4	5
West./Glaucous-winged Gull	600		600	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	400		400	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
West./Glaucous-winged Gull	200		200	B	L	McCamant	7/1/1963	M	T	4	18
West./Glaucous-winged Gull	100		100	B	L	Marshall/Glahn	5/14/1963	A	T	3	4
West./Glaucous-winged Gull	200		200	B	L	Browning	7/25/1960	M	T	4	5
Glaucous-winged Gull	2		2	B	L	Fix	1977	M	T	4	35
Glaucous-winged Gull	2		1	B	L	Hoffman et al.	1975	M	T	4	32
Pigeon Guillemot	X			O	L	Graybill/Pitman/Varoujean	6/10/1979	B,M	X	4	1
Pigeon Guillemot	X			O	L	Browning	7/25/1960	M	X	4	5
Cassin's Auklet	P			O	L	Browning/English	5/5/1967	M	P	4	5
Rhinoceros Auklet	P			O	L	Graybill/Pitman/Varoujean	6/10/1979	B,M	P	4	1
Tufted Puffin	0		0	B	L	Lowe/Pitkin	7/13/1993	B	W	4	2



Colony 219-021 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Tufted Puffin	400			B	L	Graybill/Pitman/Varoujean	6/10/1979	B,M	Y	3	1
Tufted Puffin	400		400	B	L	Crabtree	4/30/1978	M	T	4	37
Tufted Puffin	150		150	B	L	USFWS	6/26/1972	A	T	4	4
Tufted Puffin	40		40	B	L	Nehls	8/1/1970	M	T	4	24
Tufted Puffin	60		60	B	L	Nehls	5/13/1967	M	T	4	20
Tufted Puffin	X			O	L	Browning/English	5/5/1967	M	X	4	5
Tufted Puffin	30		30	B	L	Nehls	5/7/1966	M	T	4	19
Tufted Puffin	200		200	B	L	McCamant	7/1/1963	M	Y	4	18
Tufted Puffin	300		300	B	L	Marshall/Glahn	5/14/1963	A	T	3	4
Tufted Puffin	45		45	B	A	Browning	7/25/1960	M	Y	4	5

Map on page 63

Area Map: 219 (Vancouver)
Site Number: 022

Colony Number: 219-022
Clatsop County

The Needles (Northeast)
45° 52' 58" N, 123° 58' 5" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	8	4		N	2	Pitkin/Wells	7/16/2003	B,M	W	1	3
West./Glaucous-winged Gull	38	19		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Cassin's Auklet	P			O	L	Graybill/Pitman/Varoujean	6/10/1979	B	P	4	1
Pelagic Cormorant	6	3		N	2	Lowe/Pitkin	7/16/1997	B	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
Pelagic Cormorant	30	15		N	2	Lowe/Anderson	6/8/1988	B,M	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
West./Glaucous-winged Gull	38	19		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
Pigeon Guillemot	6		6	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

Map on page 63

Western Gull *Roy W. Lowe*

Area Map: 219 (Vancouver)
Site Number: 023

Colony Number: 219-023
Clatsop County

The Needles (Southwest)
45° 52' 55" N, 123° 58' 14" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	28	14		N	2	Pitkin/Wells	7/16/2003	B,M	W	1	3
West./Glaucous-winged Gull	60	30		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pigeon Guillemot	3		3	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Cassin's Auklet	P			O	L	Graybill/Pitman/Varoujean	6/10/1979	B	P	4	1
Tufted Puffin	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	4	2
Black Oystercatcher	4		4	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Unidentified Cormorant	4		4	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	20		20	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	35		35	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	15		15	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/16/1997	B	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
Pelagic Cormorant	20	10		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pelagic Cormorant	26	13		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
West./Glaucous-winged Gull	20	10		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
West./Glaucous-winged Gull	40		40	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	20		20	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	35		35	B	L	USFWS	6/26/1972	A	T	3	4
Pigeon Guillemot	3		3	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2

Map on page 63

Area Map: 219 (Vancouver)
Site Number: 024

Colony Number: 219-024
Clatsop County

"Silver Point Rock"
45° 51' 26" N, 123° 57' 56" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	52	26		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Pigeon Guillemot	4		4	B	L	Lowe	7/7/1988	M	W	3	2
Black Oystercatcher	3		3	B	L	Lowe	7/7/1988	M	W	3	2
Unidentified Cormorant	0		0	B	L	USFWS	7/12/1974	A	W	3	4
Unidentified Cormorant	200		200	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	200		200	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	4	2		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	7/12/1974	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
Pigeon Guillemot	5		5	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/10/1979	B	W	3	1

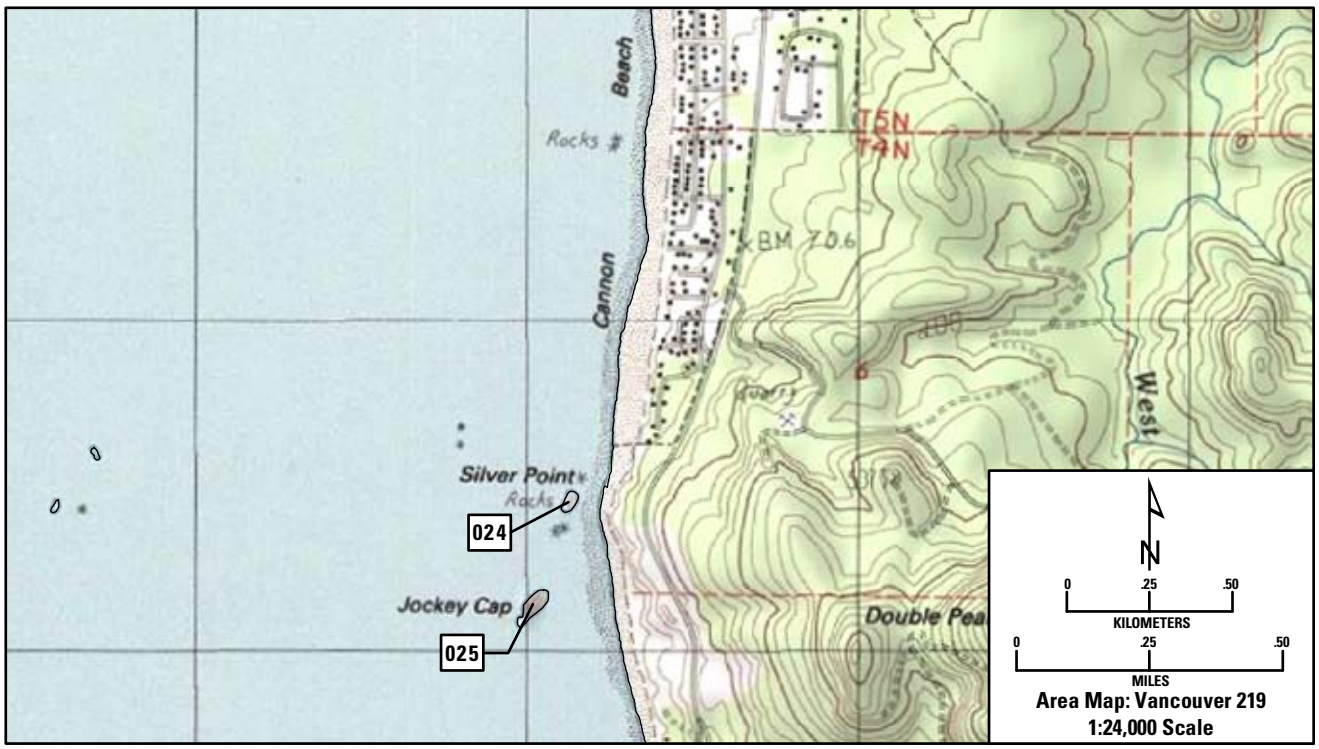
Map on page 67

Area Map: 219 (Vancouver)
Site Number: 025

Colony Number: 219-025
Clatsop County

Jockey Cap
45° 51' 16" N, 123° 58' 2" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	122	61		N	2	Pitkin/Wells	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	178	89		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Pigeon Guillemot	24		24	B	L	Lowe/Matthews	7/7/1988	M	W	3	2
Tufted Puffin	2			B	L	Pitman/Varoujean	6/10/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Lowe	7/7/1988	M	W	3	2
Unidentified Cormorant	0		0	B	L	USFWS	7/12/1974	A	W	3	4
Unidentified Cormorant	20		20	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	20		20	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	25		25	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Pelagic Cormorant	6	3		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
Pelagic Cormorant	94	47		N	2	Lowe/Anderson	6/8/1988	B,M	W	1	2
Pelagic Cormorant	32	16		N	2	Pitman/Varoujean	6/10/1979	B	W	1	1
West./Glaucous-winged Gull	40	20		N	2	Pitman/Varoujean	6/10/1979	B	W	2	1
West./Glaucous-winged Gull	50		50	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	75		75	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	130		130	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	140		140	B	L	Zeillemaker	7/3/1971	M	T	3	26



Colony 219-025 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	50		50	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	300		300	B	L	Glahn	6/18/1970	A	T	3	4
West./Glaucous-winged Gull	200		200	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Glaucous-winged Gull	2		2	B	L	Scott	7/3/1971	M	T	4	28
Pigeon Guillemot	4		4	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2

Map on page 67

Area Map: 219 (Vancouver) **Colony Number: 219-025.1** **Arcadia Beach**
Site Number: 025.1 **Clatsop County** **45° 50' 23" N, 123° 57' 43" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	6		6	B	L	Anderson	7/23/1988	M	W	3	2

Map on page 69

Area Map: 219 (Vancouver) **Colony Number: 219-025.2** **Lion Rock**
Site Number: 025.2 **Clatsop County** **45° 50' 51" N, 123° 57' 45" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Anderson	7/23/1988	M	W	1	2
Pigeon Guillemot	6		6	B	L	Anderson	7/23/1988	M	W	3	2

Map on page 69

Area Map: 219 (Vancouver) **Colony Number: 219-025.3** **Hug Point**
Site Number: 025.3 **Clatsop County** **45° 49' 53" N, 123° 57' 47" W**

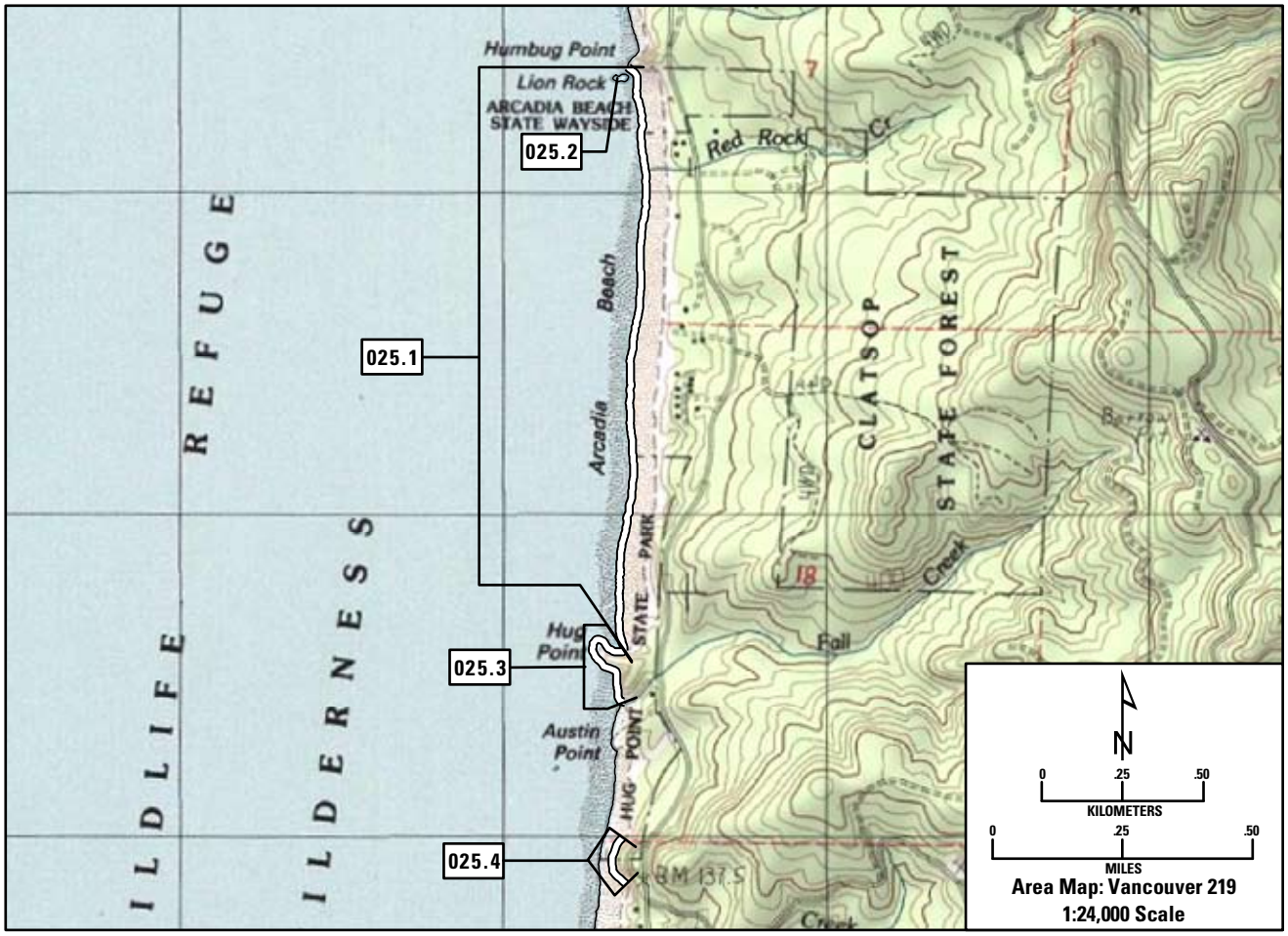
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	9		9	B	L	Anderson	7/23/1988	M	W	3	2

Map on page 69

Area Map: 219 (Vancouver) **Colony Number: 219-025.4** **"Unnamed Colony"**
Site Number: 025.4 **Clatsop County** **45° 49' 32" N, 123° 57' 45" W**

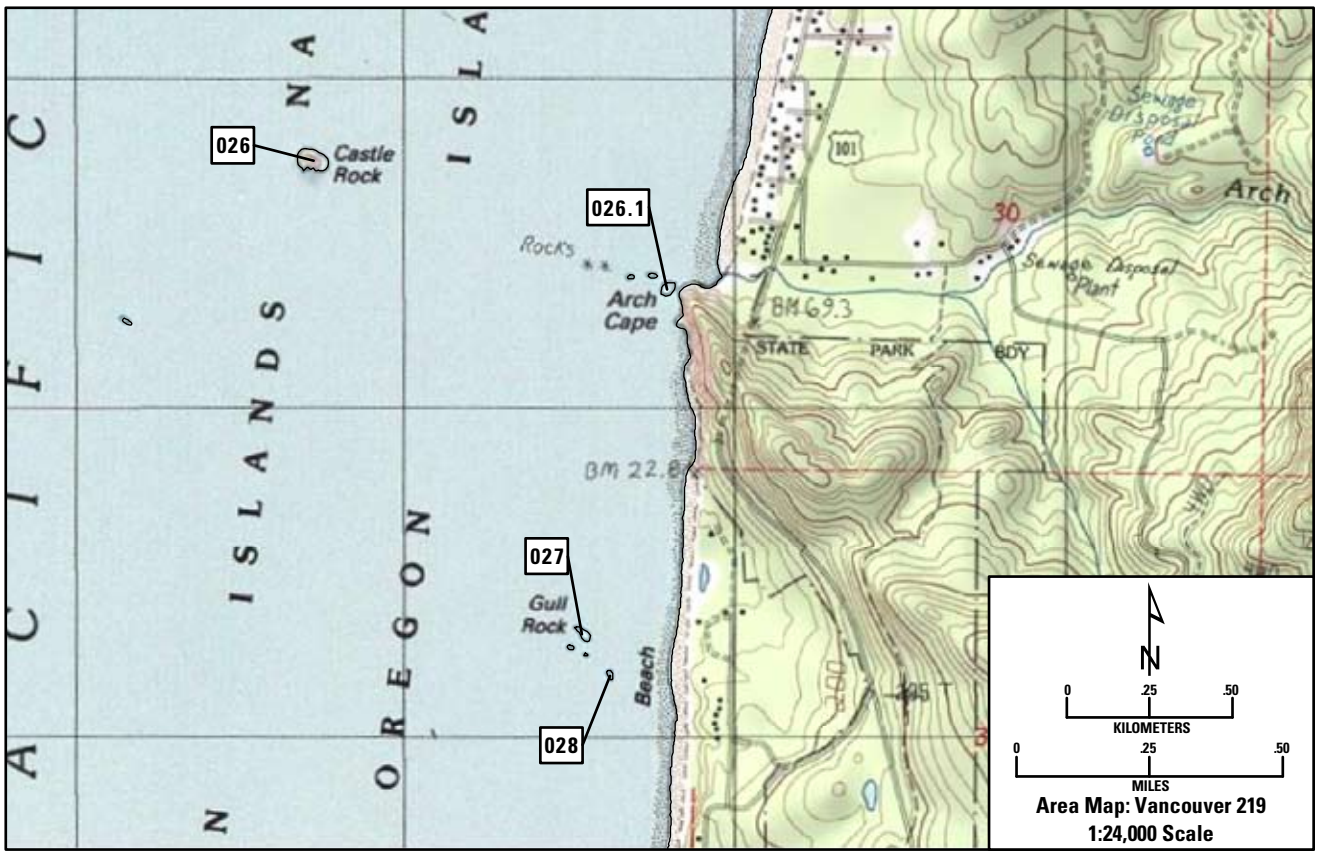
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	1	2

Map on page 69


Humbug Point
Lion Rock
ARCADIA BEACH STATE WAYSIDE
025.2
025.1
Arcadia Beach
STATE PARK
Hug Point
025.3
Austin Point
HUG POINT
025.4
Red Rock Cr
CLATSOP STATE FOREST
Creek
Fall
BM 137.5
ILDLIFE REFUGE
ILDERNESS
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Vancouver 219
1:24,000 Scale

Area Map: 219 (Vancouver) **Colony Number: 219-026** **Castle Rock**
Site Number: 026 **Clatsop County** **45° 48' 21" N, 123° 58' 59" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	1,220	610		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	44	22		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Common Murre	299		179	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	4		4	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Unidentified Cormorant	175		175	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	150		150	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	75		75	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	75		75	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	25		25	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	900		900	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	400		400	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	200		200	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	2	1		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/18/1996	AP	W	1	2
Brandt's Cormorant	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
Brandt's Cormorant	8	4		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	350	175		N	2	Pitman	7/16/1979	AP	W	2	1
West./Glaucous-winged Gull	24	12		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	7/12/1974	A	W	1	4
West./Glaucous-winged Gull	30		30	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	7/1/1969	A	W	1	4
West./Glaucous-winged Gull	250		250	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
Common Murre	0		0	B	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
Common Murre	0		0	B	L	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	234		140	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	1,977		1,184	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	0		0	B	L	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	7,161		4,288	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	5,688		3,406	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	9,070		5,431	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	10,240		6,132	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2



Colony 219-026 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	11,511		6,893	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	3,674		2,200	B	1.67	Pitman	7/16/1979	AP	W	2	1
Common Murre	800		800	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	3,000		3,000	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	3,400		3,400	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	2,000		2,000	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	3,000		3,000	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	3,000		3,000	B	L	Rodgers/Glahn	7/1/1969	A	Y	3	4
Common Murre	2,000		2,000	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	2,000		2,000	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	1,500		1,500	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Common Murre	1,000		1,000	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Common Murre	4,000		4,000	B	L	Marshall/Glahn	5/14/1963	A	T	3	4
Pigeon Guillemot	5		5	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	1		1	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

Map on page 71

Castle Rock (219-026) June 19, 1997 *David S. Pitkin*

Area Map: 219 (Vancouver)
Site Number: 026.1

Colony Number: 219-026.1
Clatsop County

"Arch Cape Rock"
45° 48' 9" N, 123° 58' 8" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pigeon Guillemot	9		9	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe	7/7/1988	C	W	3	2

Map on page 71

Area Map: 219 (Vancouver)
Site Number: 027

Colony Number: 219-027
Clatsop County

Gull Rock
45° 47' 35" N, 123° 58' 20" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	742	371		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	82	41		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	2,911		1,743	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	1		1	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Black Oystercatcher	2	1		N	2	Lowe/Anderson	6/4/1988	AP	W	3	2
Unidentified Cormorant	50		50	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	100		100	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	120		120	B	L	USFWS	6/26/1972	A	T	3	4
Brandt's Cormorant	0	0		N	L	Pitkin/Ledig	6/12/2004	AP	W	1	3
Brandt's Cormorant	482	241		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	278	139		N	2	Pitkin/Lowe	6/6/2001	AP	W	1	3
Brandt's Cormorant	252	126		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	12	6		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	288	144		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	18	9		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	500	250		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
Brandt's Cormorant	100	50		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	800	400		N	2	Pitman	7/16/1979	AP	W	2	1
West./Glaucous-winged Gull	150	75		N	2	Pitman/Graybill	6/11/1979	B	W	2	1
West./Glaucous-winged Gull	75		75	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
Common Murre	6,072		3,636	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	4,085		2,446	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	4,279		2,562	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3

Colony 219-027 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	2,021		1210	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	2,938		1,759	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	5,205		3,117	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	4,452		2,666	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	8,921		5,342	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
Common Murre	6,613		3,960	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	7,515		4,500	B	1.67	Pitman	7/16/1979	AP	W	2	1
Common Murre	200		200	B	L	USFWS	June/1976	A	T	3	4
Common Murre	400		400	B	L	USFWS	6/28/1975	A	T	3	4
Common Murre	350		350	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	2,000		2,000	B	L	USFWS	6/29/1973	A	T	3	4
Common Murre	2,800		2,800	B	L	USFWS	6/26/1972	A	T	3	4
Black Oystercatcher	4		4	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2

Map on page 71

Area Map: 219 (Vancouver)
Site Number: 028

Colony Number: 219-028
Clatsop County

"Unnamed Colony"
45° 47' 31" N, 123° 58' 16" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Varoujean	6/11/1979	M	W	1	1

Map on page 71

"Cape Falcon Rock" (219-030) June 4, 1996 *David S. Pitkin*

Area Map: 219 (Vancouver)
Site Number: 029

Colony Number: 219-029
Tillamook County

"Cape Falcon North"
45° 46' 8" N, 123° 58' 53" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
Common Murre	127		76	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Pigeon Guillemot	17		17	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Brandt's Cormorant	500	250		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
Brandt's Cormorant	76	38		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	156	78		N	2	Pitman/Graybill	6/11/1979	B	W	2	1
Common Murre	32		19	B	1.67	Lowe/Pitkin	6/19/1997	AP	W	2	2
Common Murre	58		35	B	1.67	Lowe/Pitkin	5/22/1997	AP	W	2	2
Common Murre	42		25	B	1.67	Pitman/Graybill	6/11/1979	B	W	2	1
Pigeon Guillemot	23		23	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2

Map on page 77

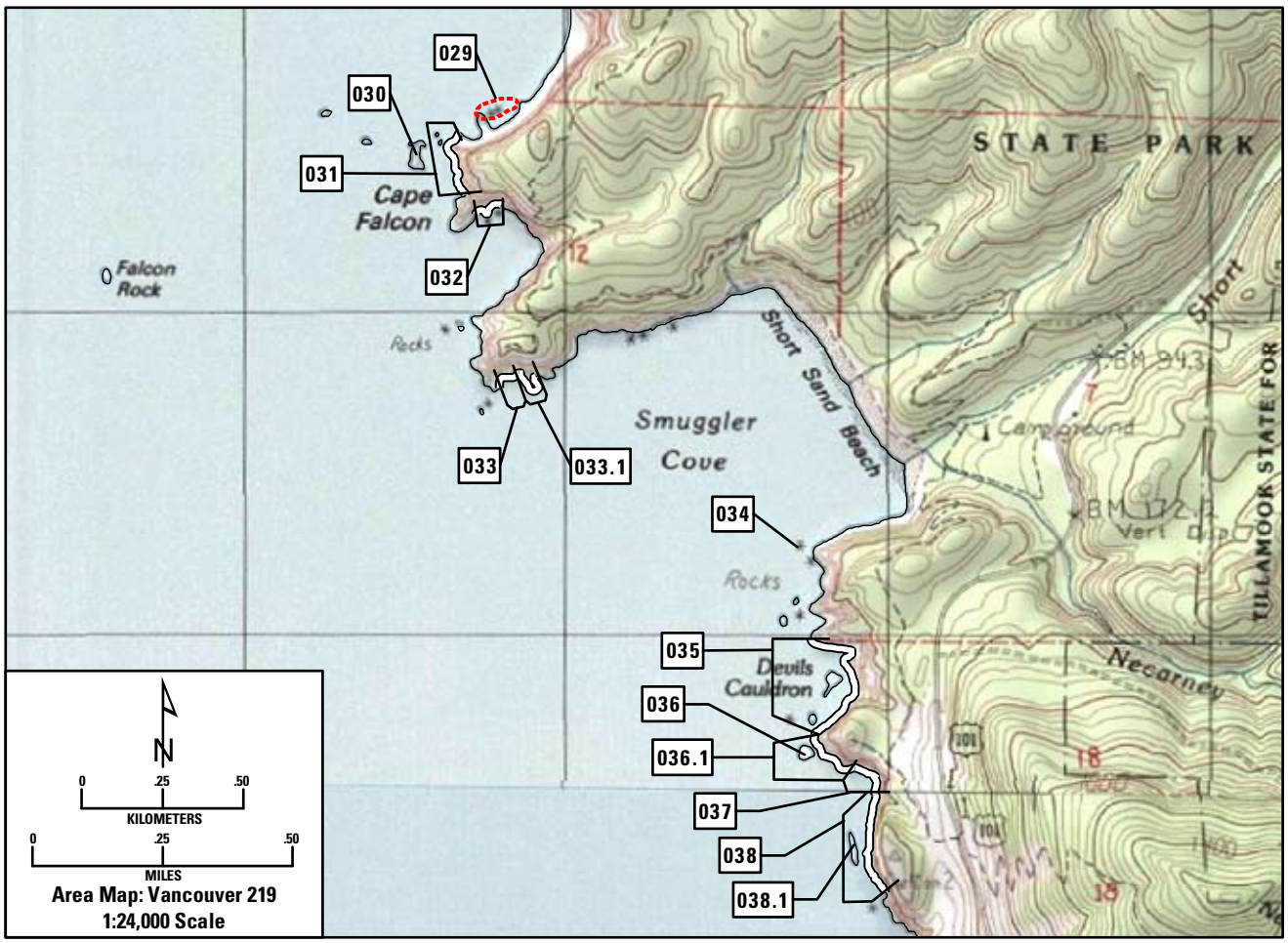
Area Map: 219 (Vancouver)
Site Number: 030

Colony Number: 219-030
Tillamook County

"Cape Falcon Rock"
45° 46' 3" N, 123° 59' 5" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Common Murre	122		73	B	1.67	Lowe/Pitkin	6/18/1996	AP	W	2	2
Pigeon Guillemot	3		3	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Brandt's Cormorant	42	21		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	1,000	500		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	0	0		U	L	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	668	334		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	120	60		N	2	Pitman	7/16/1979	AP	W	3	1
Common Murre	0		0	B	L	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	8		5	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	10		6	B	1.67	Lowe/Pitkin	5/25/1996	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Naughton	6/14/1990	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	10		6	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	167		100	B	1.67	Pitman	7/16/1979	AP	W	2	1

Map on page 77



Area Map: 219 (Vancouver)
Site Number: 031

Colony Number: 219-031
Tillamook County

"Cape Falcon Point"
45° 46' 2" N, 123° 58' 59" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/16/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pigeon Guillemot	37		37	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	6	3		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Brandt's Cormorant	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
West./Glaucous-winged Gull	10	5		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Pigeon Guillemot	41		41	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	6		6	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

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Area Map: 219 (Vancouver)
Site Number: 032

Colony Number: 219-032
Tillamook County

"Cape Falcon South"
45° 45' 58" N, 123° 58' 54" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/16/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pigeon Guillemot	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	12	6		N	2	Lowe/Pitkin	7/16/1997	B	W	1	2
Pelagic Cormorant	28	14		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Pigeon Guillemot	13		13	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

Map on page 77

Area Map: 219 (Vancouver)
Site Number: 029-032

Colony Number: 219-029C
Tillamook County

"Cape Falcon Complex"
45° 45' 55" N, 123° 58' 56" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	130		130	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	30		30	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	120		120	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	15		15	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	35		35	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	100		100	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	175		175	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
Common Murre	0		0	B	L	USFWS	June/1976	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/28/1975	A	W	3	4
Common Murre	90		90	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/26/1972	A	W	3	4
Common Murre	900		900	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Common Murre	0		0	B	L	Rodgers/Glahn	6/27/1967	A	W	3	4
Common Murre	0		0	B	L	Marshall/Glahn	6/24/1966	A	W	3	4

Area Map: 219 (Vancouver)
Site Number: 033

Colony Number: 219-033
Tillamook County

"Smuggler Cove Headland"
45° 45' 41" N, 123° 58' 52" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	4	2		N	2	Pitkin/Wells	7/16/2003	B	W	1	3
Pigeon Guillemot	2		2	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	16	8		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	14		14	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

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Area Map: 219 (Vancouver)
Site Number: 033.1

Colony Number: 219-033.1
Tillamook County

"Unnamed Colony"
45° 45' 40" N, 123° 58' 48" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/16/2003	B	W	1	3
West./Glaucous-winged Gull	14	7		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Black Oystercatcher	3		3	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Lowe/Pitkin	7/13/1993	B	W	2	2

Map on page 77

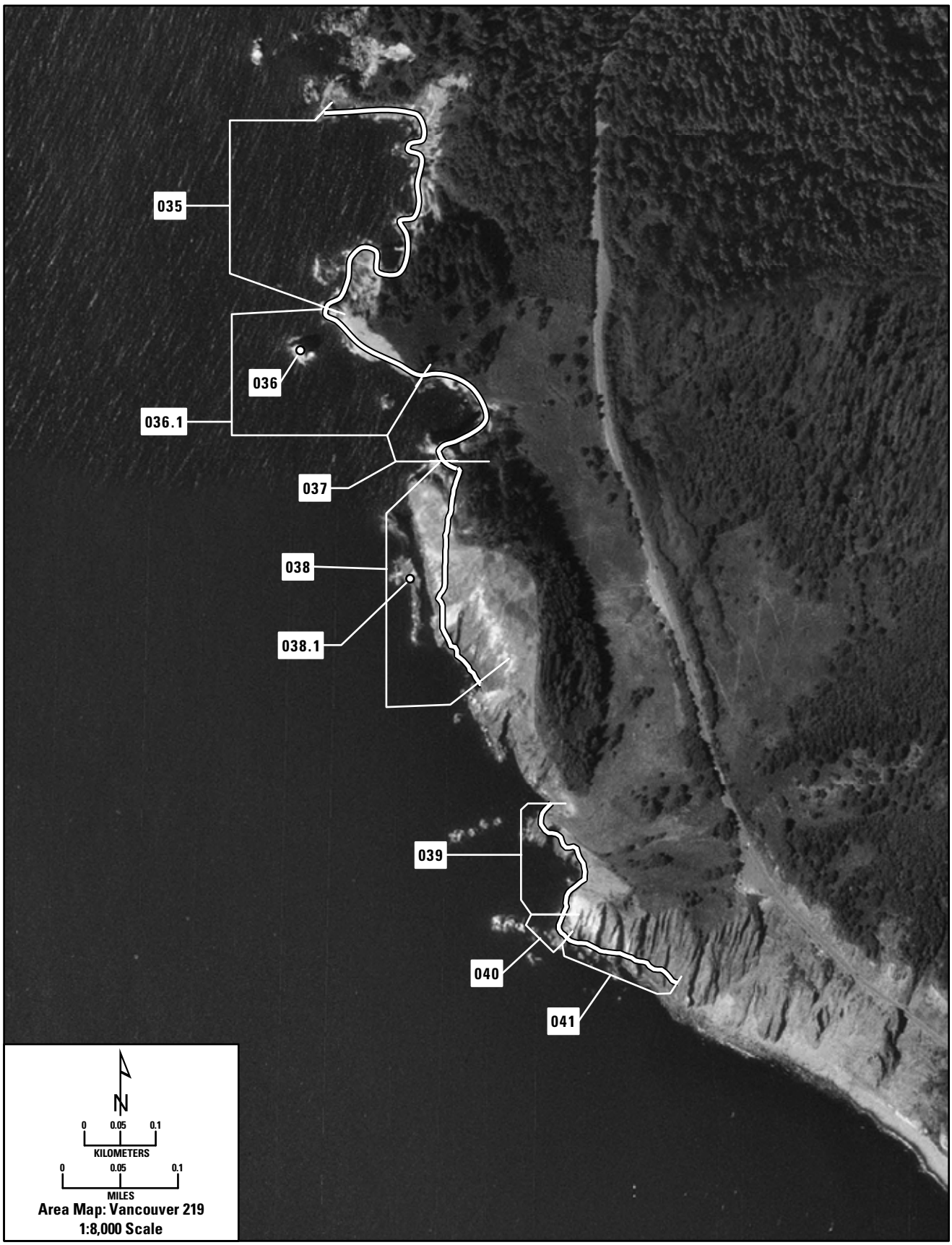
Area Map: 219 (Vancouver)
Site Number: 034

Colony Number: 219-034
Tillamook County

"Unnamed Colony"
45° 45' 24" N, 123° 58' 9" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pigeon Guillemot	0		0	B	L	Lowe/Pitkin	7/13/1993	B	W	1	2
Pigeon Guillemot	2		2	B	L	Pitman/Graybill	6/11/1979	B	W	3	1
Black Oystercatcher	0		0	B	L	Lowe/Pitkin	7/13/1993	B	W	1	2
Black Oystercatcher	1		1	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

Map on page 77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036
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MILES
Area Map: Vancouver 219
1:8,000 Scale

Area Map: 219 (Vancouver)
Site Number: 035

Colony Number: 219-035
Tillamook County

Devils Cauldron
45° 45' 11" N, 123° 58' 1" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/16/2003	B	W	1	3
West./Glaucous-winged Gull	40	20		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pigeon Guillemot	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	10	5		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
West./Glaucous-winged Gull	16	8		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Pigeon Guillemot	4		4	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	16		16	B	L	Pitman/Graybill	6/11/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

Map on page 77

Area Map: 219 (Vancouver)
Site Number: 036

Colony Number: 219-036
Tillamook County

"Unnamed Colony"
45° 45' 3" N, 123° 58' 8" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/8/1998	AP	W	2	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	5/25/1996	AP	W	1	2
Brandt's Cormorant	86	43		N	2	Lowe/Pitkin	6/7/1995	AP	W	2	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
West./Glaucous-winged Gull	2	1		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Common Murre	X			O	L	Lowe/Pitkin	6/3/1999	AP	X	4	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	94		56	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	72		43	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Pigeon Guillemot	8		8	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

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Area Map: 219 (Vancouver)
Site Number: 036.1

Colony Number: 219-036.1
Tillamook County

"Unnamed Colony"
45° 45' 3" N, 123° 58' 4" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	X			O	L	Pitkin/Lowe	6/6/2001	AP	X	4	3

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Area Map: 219 (Vancouver)
Site Number: 037

Colony Number: 219-037
Tillamook County

"Unnamed Colony"
45° 45' 1" N, 123° 57' 58" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	28	14		N	2	Pitkin/Wells	7/16/2003	B	W	1	3
Pelagic Cormorant	12	6		N	2	Lowe/Pitkin	7/16/1997	B	W	1	2
Pelagic Cormorant	14	7		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
Pelagic Cormorant	26	13		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pelagic Cormorant	48	24		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Pigeon Guillemot	19		19	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

Map on page 77

Double-crested Cormorants *David S. Pitkin*

Area Map: 219 (Vancouver) **Colony Number: 219-038** **"Unnamed Colony"**
Site Number: 038 **Tillamook County** **45° 44' 54" N, 123° 57' 58" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	438	219		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/16/2003	B	W	1	3
Brandt's Cormorant	92	46		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	88	44		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pigeon Guillemot	4		4	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Double-crested Cormorant	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
Double-crested Cormorant	452	226		N	2	Lowe/Riemer	6/2/1992	AP	W	3	2
Double-crested Cormorant	368	184		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Double-crested Cormorant	356	178		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Double-crested Cormorant	160	80		N	2	Pitman/Graybill	6/11/1979	B	W	2	1
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/13/1993	B	W	1	2
Pelagic Cormorant	46	23		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
West./Glaucous-winged Gull	26	13		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Pigeon Guillemot	20		20	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

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Area Map: 219 (Vancouver) **Colony Number: 219-038.1** **"Unnamed Colony"**
Site Number: 038.1 **Tillamook County** **45° 44' 54" N, 123° 58' 1" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	74	37		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3

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Area Map: 219 (Vancouver) **Colony Number: 219-039** **"Unnamed Colony"**
Site Number: 039 **Tillamook County** **45° 44' 42" N, 123° 57' 50" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	30	15		N	2	Pitkin/Wells	6/9/2003	B	W	2	3
Brandt's Cormorant	158	79		N	2	Pitkin/Lowe	6/9/2003	AP	W	2	3
Pelagic Cormorant	40	20		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
Pelagic Cormorant	24	12		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pelagic Cormorant	10	5		N	2	Pitman/Graybill	6/11/1979	B	W	1	1

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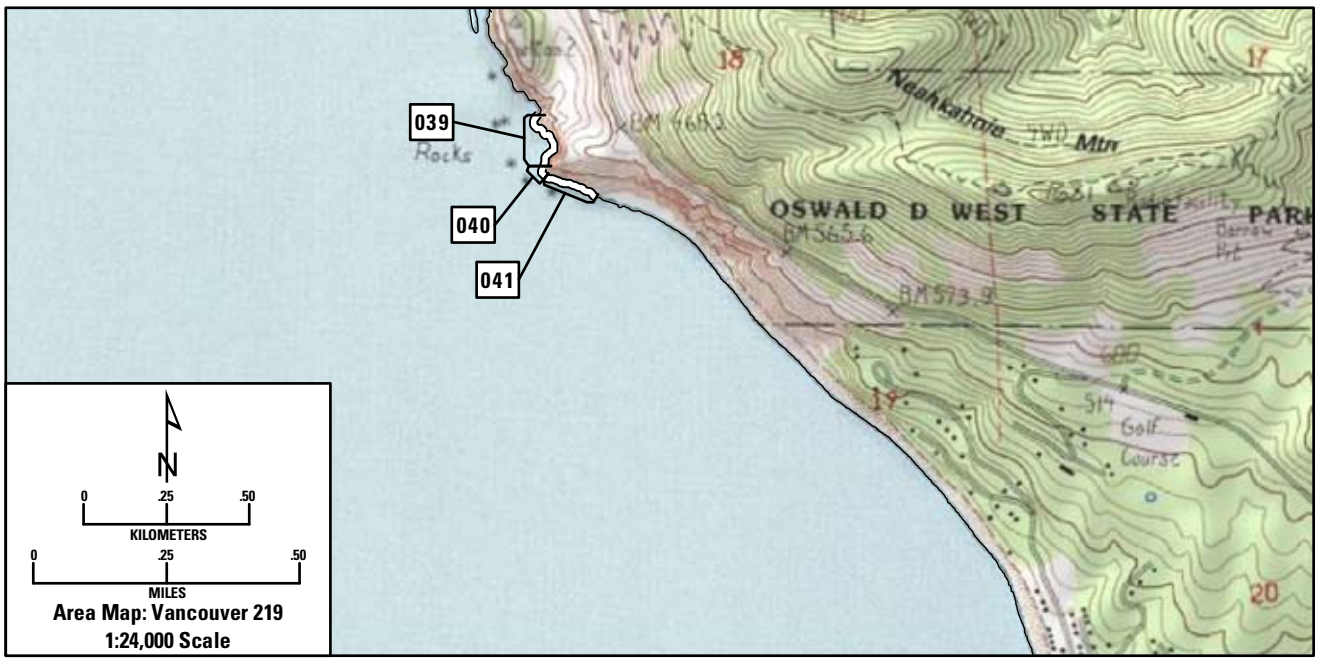
Area Map: 219 (Vancouver) **Colony Number: 219-040** **"Unnamed Colony"**
Site Number: 040 **Tillamook County** **45° 44' 38" N, 123° 57' 51" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	10	5		N	2	Pitkin/Wells	6/9/2003	B	W	1	3
Black Oystercatcher	1		1	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	0		0	N	L	Lowe/Pitkin	7/13/1993	B	W	1	2
Pelagic Cormorant	10	5		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pelagic Cormorant	22	11		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Black Oystercatcher	0		0	B	L	Lowe/Pitkin	7/13/1993	B	W	1	2

Map on page 85

Unnamed Colonies (219-039 to 219-041) on Neahkahnie Mountain *David S. Pitkin*



Area Map: 219 (Vancouver) **Colony Number: 219-041** **"Unnamed Colony"**
Site Number: 041 **Tillamook County** **45° 44' 37" N, 123° 57' 46" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	92	46		N	2	Pitkin/Wells	7/16/2003	B	W	1	3
West./Glaucous-winged Gull	18	9		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pigeon Guillemot	3		3	B	L	Lowe/Anderson	6/8/1988	B	W	3	2
Pelagic Cormorant	32	16		N	2	Lowe/Pitkin	7/13/1993	B	W	1	2
Pelagic Cormorant	40	20		N	2	Lowe/Anderson	6/8/1988	B	W	1	2
Pelagic Cormorant	6	3		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Pigeon Guillemot	8		8	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	35		35	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

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Area Map: 219 (Vancouver)
Site Number: 042

Colony Number: 219-042
Tillamook County

Twin Rocks (North)
45° 35' 52" N, 123° 57' 35" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/16/2003	B	W	1	3
Brandt's Cormorant	110	55		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	22	11		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Thounhurst	7/13/1989	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	6/9/1997	AP	W	3	2
Pelagic Cormorant	0	0		N	L	Lowe/Thounhurst	7/13/1989	B	W	1	2
Pelagic Cormorant	6	3		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	94	47		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	84	42		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Thounhurst	7/13/1989	B	W	1	2
Brandt's Cormorant	26	13		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	56	28		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/16/1997	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
West./Glaucous-winged Gull	22	11		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	11		11	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

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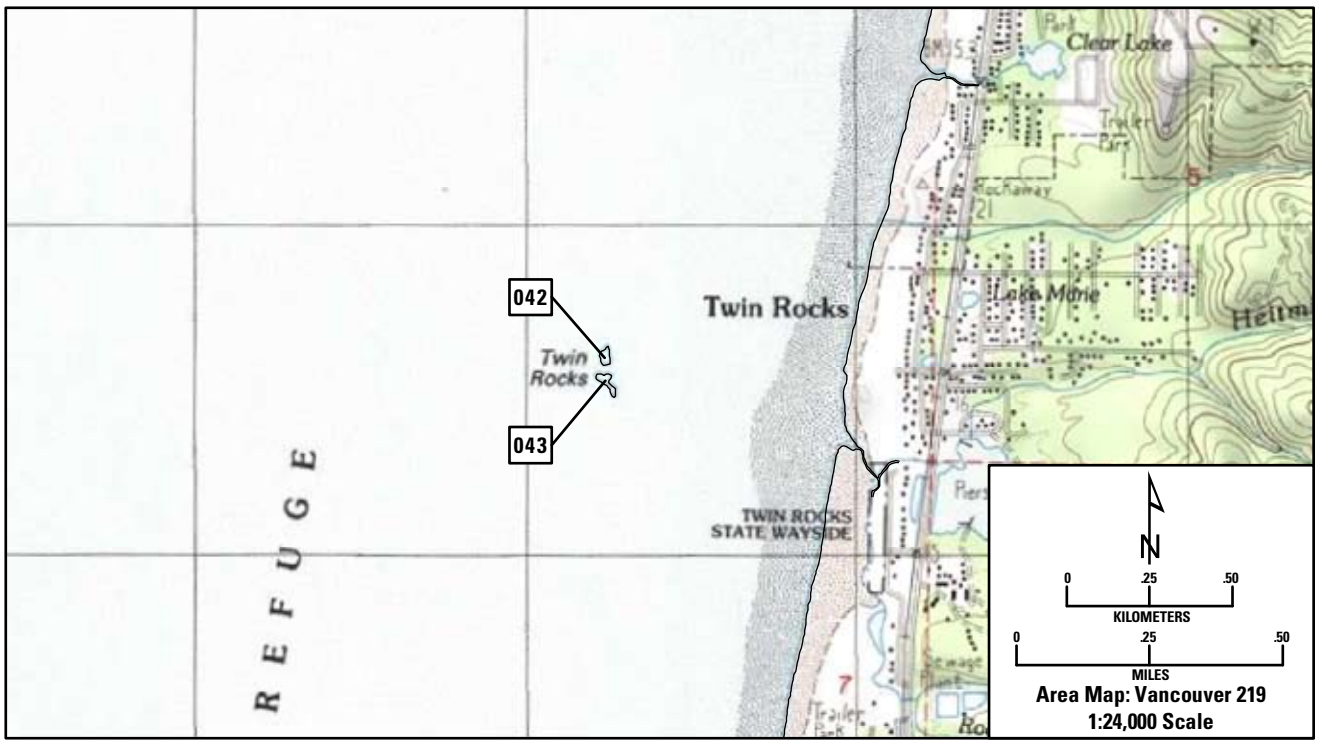
Area Map: 219 (Vancouver)
Site Number: 043

Colony Number: 219-043
Tillamook County

Twin Rocks (South)
45° 35' 49" N, 123° 57' 35" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	8	4		N	2	Pitkin/Wells	7/16/2003	B	W	1	3
Brandt's Cormorant	214	107		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	40	20		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	215		129	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Pigeon Guillemot	10		10	B	L	Lowe/Anderson	6/4/1988	B	W	3	2
Pelagic Cormorant	6	3		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Brandt's Cormorant	102	51		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	124	62		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	170	85		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	12	6		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	34	17		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2



Colony 219-043 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	222	111		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	68	34		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	92	46		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/16/1997	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/13/1993	B	X	4	2
West./Glaucous-winged Gull	28	14		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Common Murre	3		2	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Pigeon Guillemot	17		17	B	L	Lowe/Pitkin	7/16/1997	B	W	3	2
Pigeon Guillemot	6		6	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Pigeon Guillemot	2		2	B	L	Pitman/Graybill	6/11/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	7/13/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

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Area Map: 219 (Vancouver) **Colony Number: 219-042C** **"Twin Rocks Complex"**
Site Number: 042-043 **Tillamook County** **45° 35' 50" N, 123° 57' 35" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	90		90	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	20		20	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	35		35	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	35		35	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	100		100	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
West./Glaucous-winged Gull	50		50	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	10		10	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	10		10	B	L	USFWS	6/26/1972	A	T	3	4
Common Murre	0		0	B	L	USFWS	June/1976	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/28/1975	A	W	3	4
Common Murre	0		0	B	L	USFWS	7/12/1974	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/26/1972	A	W	3	4

Twin Rocks (219-042 to 219-043) June 3, 2002 *Roy W. Lowe*

Pyramid Rock (219-044) June 22, 1979 *Robert L. Pitman*

Area Map: 219 (Vancouver) **Colony Number: 219-043.1** **Painted Rock**
Site Number: 043.1 **Tillamook County** **45° 33' 52" N, 123° 56' 21" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	30	15		N	2	Lowe	6/6/1988	C	W	1	2
Black Oystercatcher	2		2	B	L	Lowe	6/6/1988	C	W	3	2
West./Glaucous-winged Gull	X			O	L	Lowe/Clevenger/Heimgartner	7/1/1992	B	X	4	2

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Area Map: 219 (Vancouver) **Colony Number: 219-043.2** **"Three Sisters"**
Site Number: 043.2 **Tillamook County** **45° 33' 46" N, 123° 56' 13" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	24	12		N	2	Lowe/Clevenger/Heimgartner	7/1/1992	B	W	2	2
Pigeon Guillemot	12		12	B	L	Lowe/Clevenger/Heimgartner	7/1/1992	B	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Clevenger/Heimgartner	7/1/1992	B	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pigeon Guillemot	15		15	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	7/7/1988	M	W	3	2

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Area Map: 219 (Vancouver) **Colony Number: 219-043.3** **"Green Hill Rock"**
Site Number: 043.3 **Tillamook County** **45° 33' 42" N, 123° 56' 7" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	3		3	B	L	Lowe/Clevenger/Heimgartner	7/1/1992	B	W	3	2
Pigeon Guillemot	15		15	B	L	Lowe/Anderson	7/7/1988	B	W	3	2

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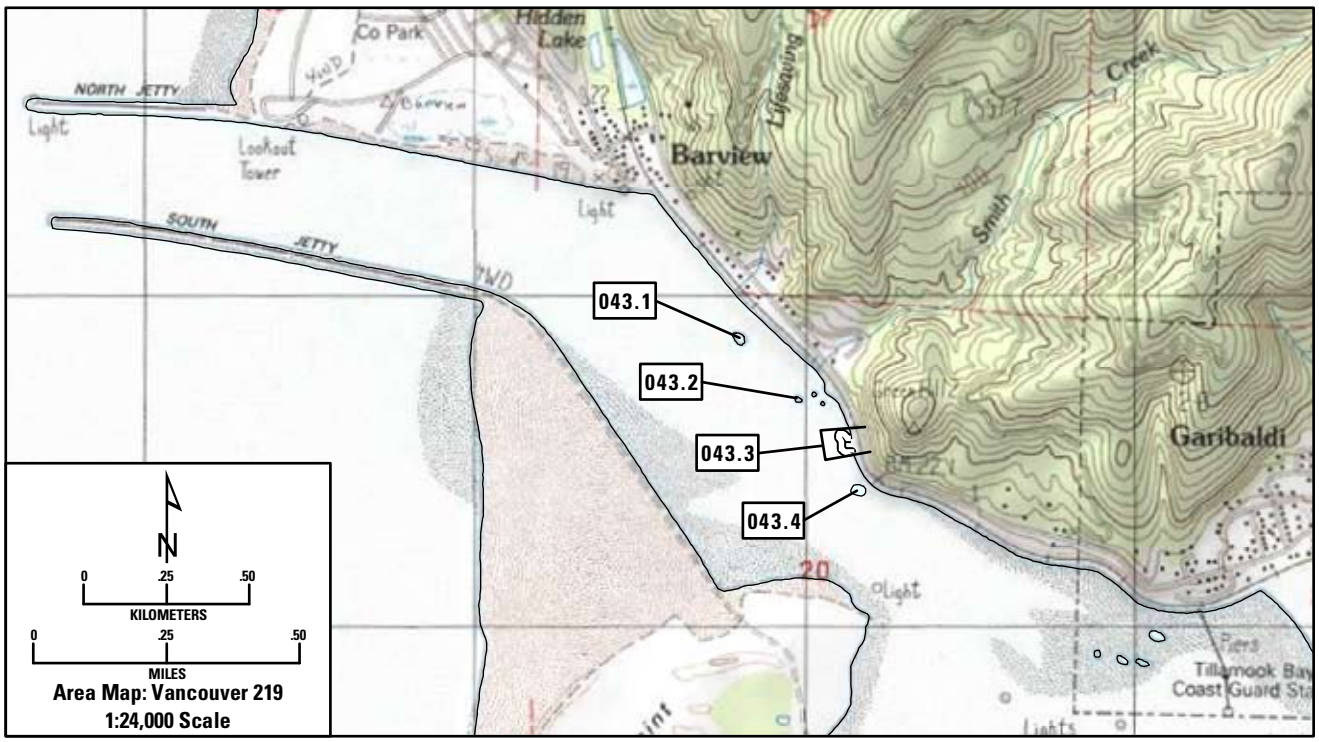

Area Map: 219 (Vancouver) **Colony Number: 219-043.4** **"Unnamed Colony"**
Site Number: 043.4 **Tillamook County** **45° 33' 37" N, 123° 56' 4" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Clevenger/Heimgartner	7/1/1992	B	W	1	2
Pigeon Guillemot	20		20	B	L	Lowe/Clevenger/Heimgartner	7/1/1992	B	W	3	2
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pigeon Guillemot	8		8	B	L	Lowe/Anderson	6/6/1988	B	W	3	2

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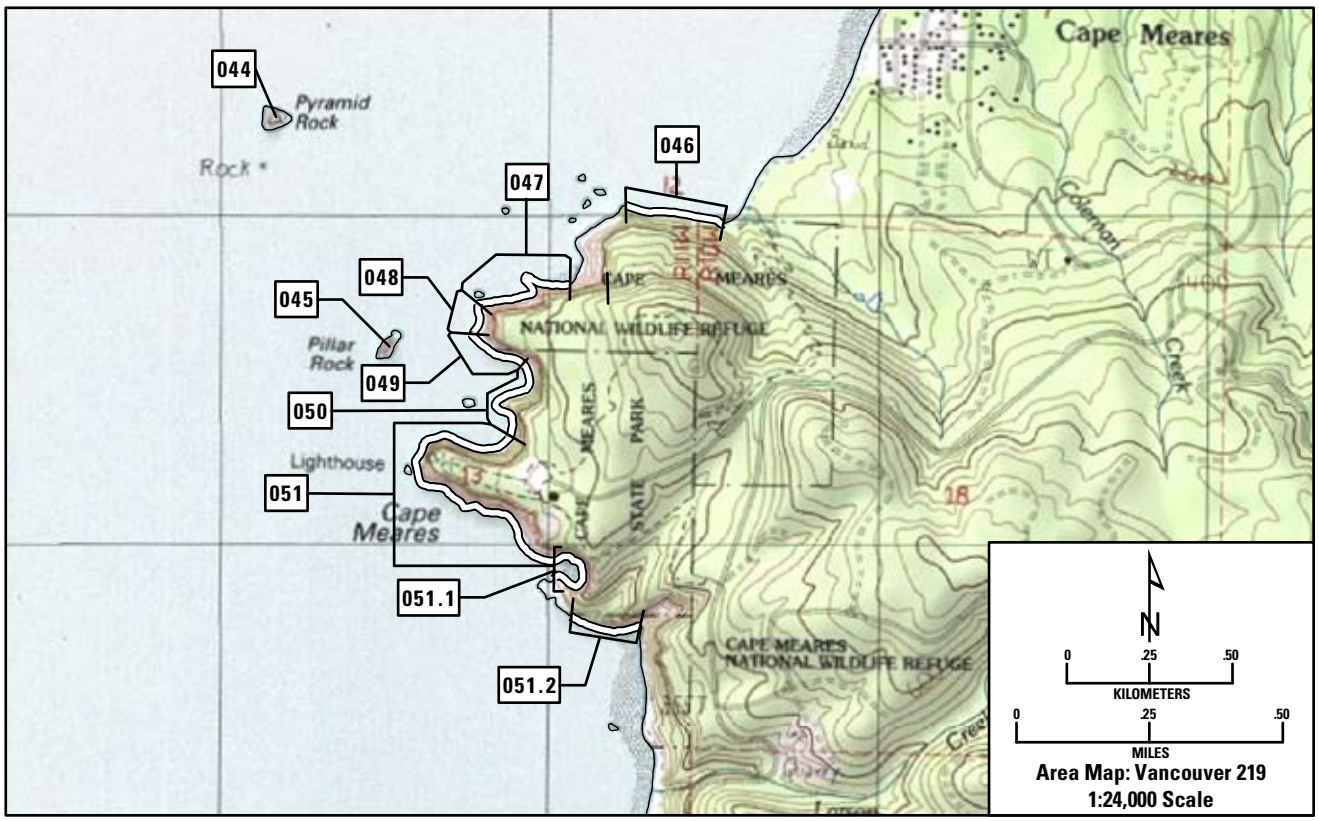
Area Map: 219 (Vancouver) **Colony Number: 219-044** **Pyramid Rock**
Site Number: 044 **Tillamook County** **45° 29' 45" N, 123° 59' 5" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	280	140		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	16	8		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	80		48	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	7		7	B	L	Lowe/Clevenger/Heimgartner	7/1/1992	B	W	3	2
Tufted Puffin	1		1	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Unidentified Cormorant	40		40	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	150		150	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	25		25	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	150		150	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	80		80	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	200		200	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	300		300	B	L	Marshall/Glahn	5/14/1963	A	T	3	4
Pelagic Cormorant	4	2		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pelagic Cormorant	4	2		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Brandt's Cormorant	320	160		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	10	5		N	2	Pitkin/Lowe	6/6/2001	AP	W	2	3
Brandt's Cormorant	16	8		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	42	21		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	22	11		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	38	19		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	288	144		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	100	50		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2
West./Glaucous-winged Gull	10	5		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
West./Glaucous-winged Gull	150		150	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	7/1/1969	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
Common Murre	112		67	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	77		46	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	3,178		1,903	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	2,406		1,441	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	5,269		3,155	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2



Colony 219-044 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	2,727		1,633	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	5,065		3,033	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	5,648		3,382	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	8,226		4,926	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	X			O	L	Lowe/Pitkin	7/20/1993	A,	X	4	2
Common Murre	9,920		5,940	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	5,845		3,500	B	1.67	Pitman	6/22/1979	AP	W	2	1
Common Murre	3,200		3,200	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	2,100		2,100	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	3,500		3,500	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	1,050		1,050	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	2,300		2,300	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	2,200		2,200	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	1,800		1,800	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4

Colony 219-044 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	1,800		1,800	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	1,900		1,900	B	L	Rodgers/Glahn	7/1/1969	A	Y	3	4
Common Murre	700		700	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Common Murre	1,500		1,500	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	1,000		1,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	500		500	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Common Murre	1,000		1,000	B	L	Marshall/Glahn	5/14/1963	A	T	3	4
Pigeon Guillemot	11		11	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	7		7	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Pigeon Guillemot	35		35	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Pigeon Guillemot	11		11	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Pigeon Guillemot	18		18	B	L	Pitman/Graybill	6/11/1979	B	W	3	1
Black Oystercatcher	2	1	2	N	2	Lowe/Thounhurst	7/11/1989	B	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Thounhurst	7/11/1989	B	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	6/4/1988	AP	W	3	2

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Area Map: 219 (Vancouver) **Colony Number: 219-045** **Pillar Rock**
Site Number: 045 **Tillamook County** **45° 29' 22" N, 123° 58' 49" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	6	3		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	17,141		10,264	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	4		4	B	L	Lowe/Clevenger/Heimgartner	7/1/1992	B	W	3	2
Tufted Puffin	1		1	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Pelagic Cormorant	2	1		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
West./Glaucous-winged Gull	X			O	L	Lowe/Zeringue	7/11/1991	B	X	4	2
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	7/12/1974	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	7/1/1969	A	W	1	4

Colony 219-045 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
Common Murre	15,735		9,422	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	13,064		7,823	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	20,090		12,030	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	18,028		10,795	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	14,574		8,727	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	9,400		5,629	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	9,466		5,668	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	9,362		5,606	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	11,822		7,079	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	8,854		5,302	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	10,347		6,196	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	11,515		6,895	B	1.67	Lowe/Naughton	6/5/1991	AP	W	2	2
Common Murre	10,402		6,229	B	1.67	Lowe/Naughton	6/14/1990	AP	W	2	2
Common Murre	X			O	L	Lowe/Naughton	6/9/1989	AP	X	4	2
Common Murre	11,097		6,645	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	4,843		2,900	B	1.67	Pitman	6/22/1979	AP	W	2	1
Common Murre	4,300		4,300	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	3,500		3,500	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	4,500		4,500	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	2,200		2,200	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	3,800		3,800	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	3,800		3,800	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	2,800		2,800	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	8,000		8,000	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	2,800		2,800	B	L	Rodgers/Glahn	7/1/1969	A	Y	3	4
Common Murre	3,700		3,700	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	4,500		4,500	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	3,000		3,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	2,000		2,000	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Common Murre	3,000		3,000	B	L	Marshall/Glahn	5/14/1963	A	T	3	4
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	11		11	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Pigeon Guillemot	10		10	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Pigeon Guillemot	5		5	B	L	Lowe/Anderson	6/6/1988	B	W	3	2

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Area Map: 219 (Vancouver)
Site Number: 046

Colony Number: 219-046
Tillamook County

"Cape Meares North"
45° 29' 36" N, 123° 58' 9" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pigeon Guillemot	40		40	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Pelagic Cormorant	28	14		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Anderson	8/17/1988	B	W	1	2
Pelagic Cormorant	10	5		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Pigeon Guillemot	6		6	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	33		33	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Pigeon Guillemot	15		15	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Pigeon Guillemot	5		5	B	L	Pitman/Graybill	6/11/1979	B	W	3	1

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Pillar Rock (219-045) and the "Cape Meares Mainland Complex" (219-047 to 219-051)
June 4, 1996 *David S. Pitkin*

Area Map: 219 (Vancouver)
Site Number: 047

Colony Number: 219-047
Tillamook County

"Unnamed Colony"
45° 29' 28" N, 123° 58' 29" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	12	6		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	108	54		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	70	35		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Common Murre	160		96	B	1.67	Pitkin/Wells	7/15/2003	B	W	2	3
Pigeon Guillemot	2		2	B	L	Pitkin/Wells	7/15/2003	B	W	3	3
Tufted Puffin	3		3	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Pelagic Cormorant	36	18		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Pelagic Cormorant	72	36		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
Pelagic Cormorant	16	8		N	2	Lowe/Thounhurst	7/11/1989	B	W	1	2
Pelagic Cormorant	70	35		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pelagic Cormorant	48	24		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Brandt's Cormorant	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2
Brandt's Cormorant	62	31		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
West./Glaucous-winged Gull	68	34		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Common Murre	129		77	B	1.67	Lowe/Zeringue	7/11/1991	B	W	2	2
Common Murre	107		64	B	1.67	Lowe/Thounhurst	7/11/1989	B	W	2	2
Common Murre	33		20	B	1.67	Lowe/Anderson	6/6/1988	B	W	2	2
Common Murre	134		80	B	1.67	Pitman/Graybill	6/11/1979	B	W	2	1
Pigeon Guillemot	4		4	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	46		46	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Pigeon Guillemot	29		29	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Tufted Puffin	8		8	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Tufted Puffin	12		12	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Tufted Puffin	4			B	L	Pitman/Graybill	6/11/1979	B	W	3	1
Black Oystercatcher	4		4	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2

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Area Map: 219 (Vancouver) **Colony Number: 219-048** **"Unnamed Colony"**
Site Number: 048 **Tillamook County** **45° 29' 25" N, 123° 58' 36" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	244	122		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	32	16		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Common Murre	8		5	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Pigeon Guillemot	1		1	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Tufted Puffin	50			B	L	Pitman/Graybill	6/11/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Brandt's Cormorant	48	24		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Thounhurst	7/11/1989	B	X	4	2
West./Glaucous-winged Gull	30	15		N	2	Pitman/Graybill	6/11/1979	B	W	2	1
Common Murre	17		10	B	1.67	Lowe/Zeringue	7/11/1991	B	W	3	2
Common Murre	X			O	L	Lowe/Thounhurst	7/11/1989	B	X	4	2
Common Murre	33		20	B	1.67	Lowe/Anderson	6/6/1988	B	W	2	2
Common Murre	543		325	B	1.67	Pitman/Graybill	6/11/1979	B	W	2	1
Pigeon Guillemot	2		2	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	6/6/1988	B	W	3	2

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Area Map: 219 (Vancouver) **Colony Number: 219-049** **"Unnamed Colony"**
Site Number: 049 **Tillamook County** **45° 29' 22" N, 123° 58' 34" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	12	6		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Thounhurst	7/11/1989	B	W	1	2
Common Murre	10		6	B	1.67	Pitkin/Wells	7/15/2003	B	W	3	3
Pigeon Guillemot	2		2	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Tufted Puffin	24			B	L	Pitman/Graybill	6/11/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Pelagic Cormorant	2	1		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2
West./Glaucous-winged Gull	34	17		N	2	Anderson	6/6/1988	B	W	1	2
West./Glaucous-winged Gull	16	8		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Common Murre	215		129	B	1.67	Lowe/Zeringue	7/11/1991	B	W	2	2
Common Murre	8		5	B	1.67	Lowe/Anderson	6/6/1988	B	W	2	2
Common Murre	67		40	B	1.67	Pitman/Graybill	6/11/1979	B	W	2	1
Pigeon Guillemot	3		3	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2

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Area Map: 219 (Vancouver) **Colony Number: 219-050** **"Unnamed Colony"**
Site Number: 050 **Tillamook County** **45° 29' 18" N, 123° 58' 33" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	26	13		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	8	4		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Common Murre	209		125	B	1.67	Pitkin/Wells	7/15/2003	B	W	2	3
Pigeon Guillemot	16		16	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Tufted Puffin	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
West./Glaucous-winged Gull	X			O	L	Lowe/Zeringue	7/11/1991	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Thounhurst	7/11/1989	B	X	4	2
West./Glaucous-winged Gull	76	38		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Common Murre	X			O	L	Lowe/Zeringue	7/11/1991	B	X	4	2
Common Murre	197		118	B	1.67	Lowe/Thounhurst	7/11/1989	B	W	2	2
Common Murre	117		70	B	1.67	Lowe/Anderson	6/6/1988	B	W	2	2
Common Murre	334		200	B	1.67	Pitman/Graybill	6/11/1979	B	W	2	1
Pigeon Guillemot	12		12	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Pigeon Guillemot	13		13	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Pigeon Guillemot	35		35	B	L	Pitman/Graybill	6/11/1979	B	W	3	1
Tufted Puffin	10		10	B	L	Thounhurst	7/12/1990	B,M	W	3	2
Tufted Puffin	7		7	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Tufted Puffin	4		4	B	L	Lowe/Anderson	5/31/1988	B,M	W	3	2
Tufted Puffin	50			B	L	Pitman/Graybill	6/11/1979	B	W	3	1
Black Oystercatcher	3		3	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2

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Area Map: 219 (Vancouver) **Colony Number: 219-051** **"Unnamed Colony"**
Site Number: 051 **Tillamook County** **45° 29' 9" N, 123° 58' 42" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	178	89		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	30	15		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Common Murre	65		39	B	1.67	Pitkin/Wells	7/15/2003	B	W	2	3
Pigeon Guillemot	54		54	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Tufted Puffin	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Pelagic Cormorant	42	21		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Pelagic Cormorant	78	39		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
Pelagic Cormorant	94	47		N	2	Lowe/Thounhurst	7/11/1989	B	W	1	2

Colony 219-051 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	142	71		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pelagic Cormorant	66	33		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
West./Glaucous-winged Gull	22	11		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Common Murre	28		17	B	1.67	Lowe/Zeringue	7/11/1991	B	W	2	2
Common Murre	28		17	B	1.67	Lowe/Thounhurst	7/11/1989	B	W	2	2
Common Murre	22		13	B	1.67	Lowe/Anderson	6/6/1988	B	W	2	2
Common Murre	17		10	B	1.67	Pitman/Graybill	6/11/1979	B	W	2	1
Pigeon Guillemot	4		4	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	78		78	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Pigeon Guillemot	22		22	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Pigeon Guillemot	10		10	B	L	Pitman/Graybill	6/11/1979	B	W	3	1
Tufted Puffin	90		11	B	L	Pitman/Graybill	6/11/1979	B	Y	4	1
Black Oystercatcher	5		5	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	8/17/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Graybill	6/11/1979	B	W	2	1

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Area Map: 219 (Vancouver)
Site Number: 046-051

Colony Number: 219-046C
Tillamook County

"Cape Meares Mainland Complex"
45° 29' 16" N, 123° 58' 29" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	125		125	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	25		25	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	100		100	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
West./Glaucous-winged Gull	32		32	B	L	Hoffman et al.	1975	M	T	4	32
West./Glaucous-winged Gull	350		350	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	300		300	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	50		50	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Glaucous-winged Gull	2			B	L	Roberts	1979	M	Y	4	1
Glaucous-winged Gull	2		2	B	L	Hoffman et al.	1975	M	T	4	32
Common Murre	200		200	B	L	USFWS	6/28/1975	A	T	3	4
Common Murre	200		200	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	X			O	L	Walker	1955	M	X	4	15
Rhinoceros Auklet	4		4	B	L	Hoffman	8/7/1972	M	W	4	29
Tufted Puffin	70			U	L	Roberts	5/12/1979	M	T	4	1
Tufted Puffin	X			O	L	Crowell	May/1975	M	X	4	33

Area Map: 219 (Vancouver)
Site Number: 051.1

Colony Number: 219-051.1
Tillamook County

"Unnamed Colony"
45° 29' 0" N, 123° 58' 21" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	16		16	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	78		78	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Pigeon Guillemot	6		6	B	L	Lowe/Anderson	8/17/1988	B	W	3	2

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Area Map: 219 (Vancouver)
Site Number: 051.2

Colony Number: 219-051.2
Tillamook County

"Unnamed Colony"
45° 28' 55" N, 123° 58' 18" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	14	7		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	7/7/1988	B	W	1	2
Pigeon Guillemot	26		26	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	7/7/1988	B	W	3	2
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Thounhurst	7/11/1989	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	19		19	B	L	Lowe/Thounhurst	7/11/1989	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2

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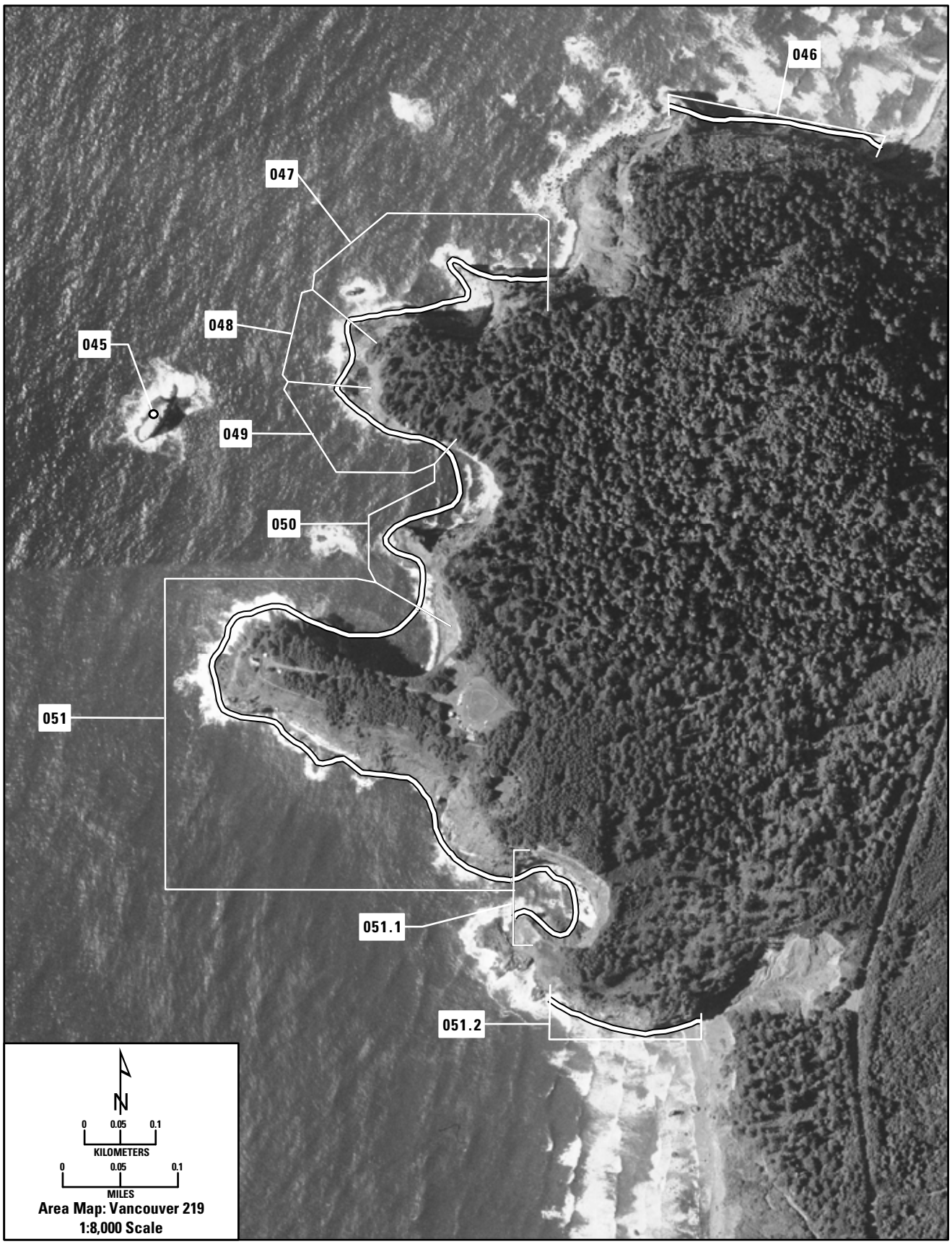
046
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MILES
Area Map: Vancouver 219
1:8,000 Scale

Area Map: 219 (Vancouver) **Colony Number: 219-051.3** **"Unnamed Colony"**
Site Number: 051.3 **Tillamook County** **45° 28' 6" N, 123° 58' 29" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2

Map on page 105

Area Map: 219 (Vancouver) **Colony Number: 219-052** **"Unnamed Colony"**
Site Number: 052 **Tillamook County** **45° 28' 4" N, 123° 58' 39" W**

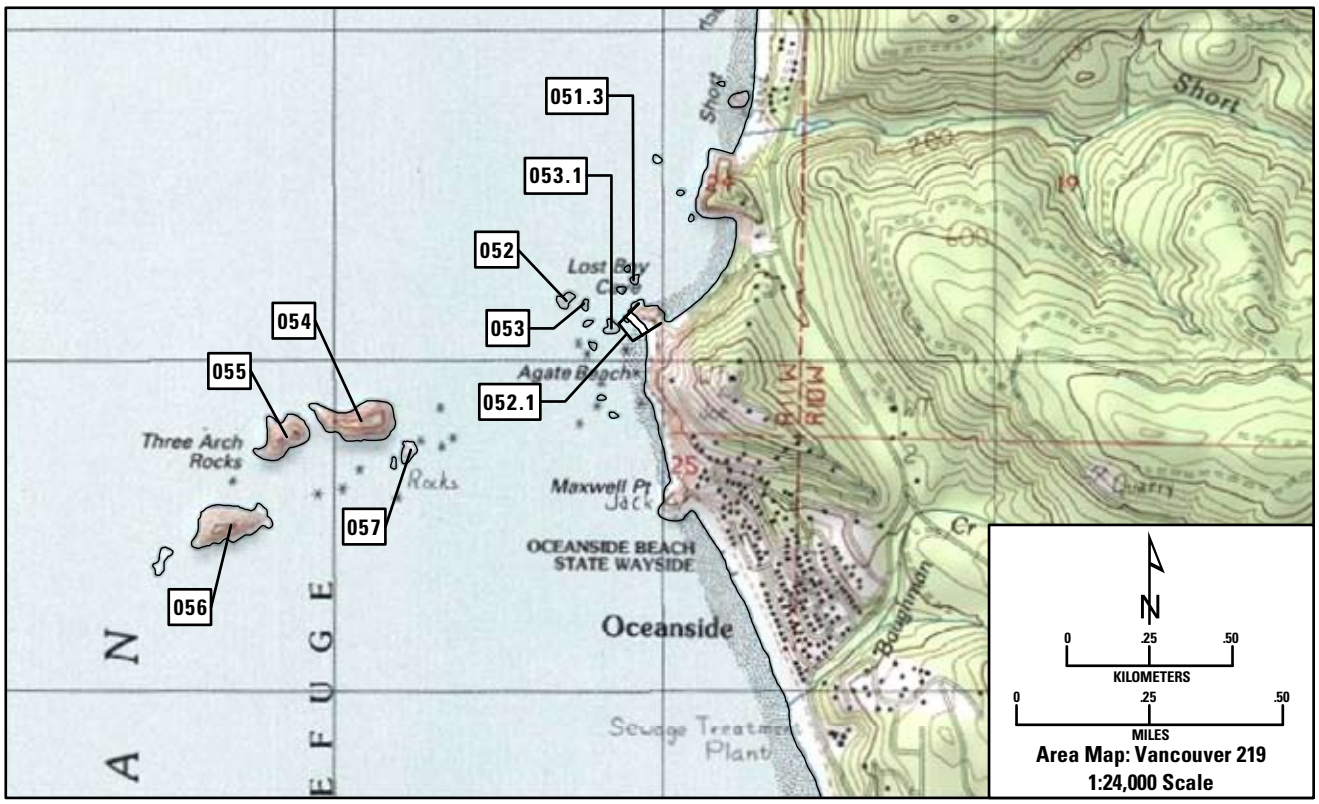
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	76	38		N	2	Pitkin/Wells	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	10	5		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pigeon Guillemot	1		1	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Pelagic Cormorant	8	4		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
Pelagic Cormorant	4	2		N	2	Anderson	7/7/1988	M	W	1	2
Pelagic Cormorant	6	3		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2
West./Glaucous-winged Gull	28	14		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Pigeon Guillemot	3		3	B	L	Pitman/Graybill	6/11/1979	B	W	3	1
Black Oystercatcher	2	1	3	N	2	Lowe/Pitkin	7/20/1993	B	W	2	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson	6/6/1988	B	W	3	2

Map on page 105

Area Map: 219 (Vancouver) **Colony Number: 219-052.1** **"Unnamed Colony"**
Site Number: 052.1 **Tillamook County** **45° 28' 2" N, 123° 58' 28" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/15/2003	B	W	1	3

Map on page 105



Area Map: 219 (Vancouver) **Colony Number: 219-053** **"Unnamed Colony"**
Site Number: 053 **Tillamook County** **45° 28' 4" N, 123° 58' 36" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	12	6		N	2	Anderson	8/17/1988	C	W	2	2
Pelagic Cormorant	14	7		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	16	8		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Tufted Puffin	2	1		N	2	Pitkin/Wells	7/15/2003	B	W	3	3
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Pelagic Cormorant	8	4		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Pelagic Cormorant	8	4		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
Pelagic Cormorant	2	1		N	2	Anderson	7/7/1988	M	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2
West./Glaucous-winged Gull	20	10		N	2	Pitman/Graybill	6/11/1979	B	W	1	1
Pigeon Guillemot	2		2	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Pigeon Guillemot	5		5	B	L	Pitman/Graybill	6/11/1979	B	W	3	1
Black Oystercatcher	8		8	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	8/17/1988	B	W	3	2

Map on page 105

Area Map: 219 (Vancouver)
Site Number: 053.1

Colony Number: 219-053.1
Tillamook County

"Unnamed Colony"
45° 28' 2" N, 123° 58' 32" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	104	52		N	2	Anderson	8/17/1988	C	Z	3	2
West./Glaucous-winged Gull	12	6		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2

Map on page 105

Three Arch Rocks (Finley Rock) (219-054) June 19, 1997 *David S. Pitkin*

Area Map: 219 (Vancouver)
Site Number: 054

Colony Number: 219-054
Tillamook County

Three Arch Rocks (Finley Rock)
45° 27' 52" N, 123° 59' 7" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	X			O	L	Lowe/Anderson	6/6/1988	B	X	4	2
Fork-tailed Storm-Petrel	X			O	L	Lowe/Anderson	6/6/1988	B	X	4	2
Double-crested Cormorant	718	359		N	2	Pitkin/Lowe	6/9/2003	AP	W	2	3
Pelagic Cormorant	92	46		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	94	47		N	2	Pitkin/Lowe	6/9/2003	AP	W	2	3
West./Glaucous-winged Gull	1,096	548		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	42,826		25,644	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Pigeon Guillemot	45		45	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Rhinoceros Auklet	P			O	L	Lowe/Anderson	6/6/1988	B	P	4	2
Tufted Puffin	2,700	1,350		N	2	Lowe/Anderson	6/6/1988	B	Y	3	2
Black Oystercatcher	3		3	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Leach's Storm-Petrel	P			O	L	Pitman/Graybill	6/12/1979	B	P	4	1
Fork-tailed Storm-Petrel	P			O	L	Pitman/Graybill	6/12/1979	B	P	4	1
Double-crested Cormorant	940	470		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Double-crested Cormorant	446	223		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
Pelagic Cormorant	10	5		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Pelagic Cormorant	100	50		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pelagic Cormorant	130	65		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Brandt's Cormorant	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2
Brandt's Cormorant	124	62		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	144	72		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
West./Glaucous-winged Gull	500	250		N	2	Pitman/Graybill	6/12/1979	B	W	3	1
Common Murre	0		0	B	L	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	33,400		20,000	B	1.67	Pitman	7/16/1979	AP	W	3	1
Pigeon Guillemot	4		4	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	12		12	B	L	Pitman/Graybill	6/12/1979	B	W	3	1
Tufted Puffin	2		2	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Tufted Puffin	10		10	B	L	Lowe	3/30/1990	M	W	3	2
Tufted Puffin	4,000			B	L	Pitman/Graybill	6/12/1979	B	T	3	1

Map on page 105

**Includes 12,000 birds counted on the water.*

Area Map: 219 (Vancouver) **Colony Number: 219-055** **Three Arch Rocks (Middle Rock)**
Site Number: 055 **Tillamook County** **45° 27' 50" N, 123° 59' 17" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	P			O	L	Lowe/Anderson	6/6/1988	B	P	4	2
Fork-tailed Storm-Petrel	P			O	L	Lowe/Anderson	6/6/1988	B	P	4	2
Double-crested Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Pelagic Cormorant	68	34		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	276	138		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	138	69		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	36,190		21,670	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Pigeon Guillemot	3		3	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Tufted Puffin	200	100		N	2	Lowe/Anderson	6/6/1988	B	Y	3	2
Black Oystercatcher	2	1		N	2	Lowe/Anderson	6/4/1988	AP	W	3	2
Leach's Storm-Petrel	P			O	L	Pitman/Graybill	6/12/1979	B	P	4	1
Fork-tailed Storm-Petrel	P			O	L	Pitman/Graybill	6/12/1979	B	P	4	1
Fork-tailed Storm-Petrel	X			O	L	Finley	1903	C	X	4	8
Double-crested Cormorant	X			O	L	Finley	1903	C	X	4	8
Pelagic Cormorant	32	16		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Pelagic Cormorant	8	4		N	2	Lowe/Thounhurst	7/13/1989	B	W	1	2
Pelagic Cormorant	26	13		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pelagic Cormorant	46	23		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Pelagic Cormorant	X			O	L	Finley	1903	B,	X	4	8
Brandt's Cormorant	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2
Brandt's Cormorant	450	225		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	108	54		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
West./Glaucous-winged Gull	50	25		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
Common Murre	0		0	B	L	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	X			O	L	Lowe/Zeringue	7/11/1991	B	X	4	2
Common Murre	16,700		10,000	B	1.67	Pitman	7/16/1979	AP	W	2	1
Pigeon Guillemot	14		14	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	5		5	B	L	Pitman/Graybill	6/12/1979	B	W	3	1
Tufted Puffin	1		1	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Tufted Puffin	100			B	L	Pitman/Graybill	6/12/1979	B	Y	3	1
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Graybill	6/12/1979	B	W	3	1

Map on page 105

Due to Bald Eagle disturbance at this colony the most recent survey data are not included in the MRA box.

Three Arch Rocks (Middle Rock) (219-055) June 4, 1996 *David S. Pitkin*

Three Arch Rocks (Shag Rock) (219-056) June 4, 1996 *David S. Pitkin*

Area Map: 219 (Vancouver)
Site Number: 056

Colony Number: 219-056
Tillamook County

Three Arch Rocks (Shag Rock)
45° 27' 42" N, 123° 59' 25" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	0			N	L	Lowe	7/17/1988	C	W	1	2
Fork-tailed Storm-Petrel	X			U	L	Pitman/Graybill	6/12/1979	B	X	4	1
Double-crested Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Pelagic Cormorant	34	17		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	624	312		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	256	128		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	120,520		72,167	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Pigeon Guillemot	23		23	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Cassin's Auklet	0	0	0	N	L	Lowe	8/17/1988	C	W	1	2
Tufted Puffin	130			B	A	Lowe/Anderson	6/6/1988	B	Y	3	2
Black Oystercatcher	0		0	B	L	Lowe/Anderson	6/6/1988	B	W	1	2
Leach's Storm-Petrel	P			U	L	Pitman/Graybill	6/12/1979	B	P	4	1
Leach's Storm-Petrel	X			U	L	Jewett	7/2/1914	C	X	4	9
Leach's Storm-Petrel	X			O	L	Finley	1903	C	X	4	8
Leach's Storm-Petrel	X			O	L	Finley	6/9/1901	C	X	4	7
Fork-tailed Storm-Petrel	X			U	L	Finley	1903	C	X	4	8
Fork-tailed Storm-Petrel	X			U	L	Finley	6/9/1901	C	X	4	7
Double-crested Cormorant	0	0	0	U	L	Finley	1903	C	W	1	8
Double-crested Cormorant	X			U	L	Finley	6/9/1901	C	X	4	7
Pelagic Cormorant	6	3		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Pelagic Cormorant	6	3		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Pelagic Cormorant	0	0	0	U	L	Finley	1903	C	W	1	8
Brandt's Cormorant	40	20		N	2	Lowe/Pitkin	7/20/1993	B	Y	3	2
Brandt's Cormorant	268	134		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	34	17		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
Brandt's Cormorant	200		200	U	L	Ferris	1939	M	T	4	13
Brandt's Cormorant	800		800	U	L	Finley	1903	C	T	4	8
Brandt's Cormorant	X			O	L	Finley	6/9/1901	C	X	4	7
West./Glaucous-winged Gull	86	43		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
West./Glaucous-winged Gull	X			O	L	Finley	6/9/1901	C	X	4	7
Common Murre	0		0	B	L	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	X			O	L	Lowe/Zeringue	7/11/1991	B	X	4	2
Common Murre	75,150		45,000	B	1.67	Pitman	7/16/1979	AP	W	3	1
Common Murre	X			O	L	Ferris	7/15/1939	M	X	4	13
Common Murre	X			O	L	Finley	6/9/1901	C	X	4	7
Pigeon Guillemot	23		23	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	9		9	B	L	Pitman/Graybill	6/12/1979	B	W	3	1
Pigeon Guillemot	X			U	L	Finley	1903	C	X	4	8

Colony 219-056 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Cassin's Auklet	0	0	0	U	L	Finley	1903	C	W	1	8
Tufted Puffin	100			B	L	Pitman/Graybill	6/12/1979	B	Y	4	1
Tufted Puffin	X			U	L	Finley	1903	C	X	4	8
Tufted Puffin	X			O	L	Finley	6/9/1901	C	X	4	7
Black Oystercatcher	X			U	L	Finley	1903	C	X	4	8
Black Oystercatcher	2	1	2	U	L	Finley	6/9/1901	C	W	4	7

Map on page 105

Due to Bald Eagle disturbance at this colony the most recent survey data are not included in the MRA box.

Area Map: 219 (Vancouver) **Colony Number: 219-057** **Seal Rock**
Site Number: 057 **Tillamook County** **45° 27' 49" N, 123° 58' 60" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	86	43		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/10/1994	AP	W	2	2
Pigeon Guillemot	1		1	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	10	5		N	2	Lowe/Naughton	6/5/1991	AP	W	1	2
Brandt's Cormorant	100	50		N	2	Lowe/Naughton	6/14/1990	AP	W	1	2
West./Glaucous-winged Gull	60	30		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
Common Murre	0		0	B	L	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	165		99	B	1.67	Lowe/Naughton	6/5/1991	AP	W	2	2
Common Murre	114		68	B	1.67	Lowe/Naughton	6/14/1990	AP	W	2	2
Common Murre	262		157	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Pigeon Guillemot	1		1	B	L	Pitman/Graybill	6/12/1979	B	W	3	1

Map on page 105

Area Map: 219 (Vancouver) **Colony Number: 219-052C** **"Three Arch Rocks Complex"**
Site Number: 052-057 **Tillamook County** **45° 27' 52" N, 123° 59' 4" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	25,000			U	L	Pitman/Graybill	6/12/1979	B	Y	4	1
Leach's Storm-Petrel	X			O	L	Jewett	7/3/1914	C	X	4	9
Fork-tailed Storm-Petrel	X			O	L	Jewett	7/3/1914	C	X	4	9
Unidentified Cormorant	195		195	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	250		250	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	180		180	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	250		250	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	100		100	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	700		700	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	200		200	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Double-crested Cormorant	X			O	L	Jewett	7/3/1914	C	X	4	9
West./Glaucous-winged Gull	900		900	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	3,000		3,000	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	1,200		1,200	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	1,500		1,500	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	X			O	L	Ferris	1939	M	X	4	13
Common Murre	89,000		89,000	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	107,000		107,000	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	750,000		750,000	B	L	Anon.	June/1976	U	Y	4	99
Common Murre	44,000		44,000	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	30,000		30,000	B	L	Crowell	5/24/1975	U	Y	4	33
Common Murre	48,200		48,200	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	47,000		47,000	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	47,000		47,000	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	34,000		34,000	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	80,000		80,000	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	28,500		28,500	B	L	Rodgers/Glahn	7/1/1969	A	Y	3	4
Common Murre	70,000		70,000	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	35,000		35,000	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	25,000		25,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	0		0	B	L	Harrison/Jewett	6/27/1940	M	Y	4	11
Common Murre	X			O	L	Jewett	7/2/1914	C	X	4	9
Common Murre	X			O	L	Finley	6/9/1901	C	X	4	7
Pigeon Guillemot	150		150	B	L	Zeillemaker	1970	U	T	4	25
Tufted Puffin	200		200	B	L	USFWS	6/26/1972	A	T	4	4
Tufted Puffin	X			O	L	Harrison/Jewett	6/27/1940	M	X	4	11
Tufted Puffin	X			O	L	Jewett	7/3/1914	C	X	4	9

Three Arch Rocks (219-054 to 219-057) June 19,1997 *David S. Pitkin*

Area Map: 219 (Vancouver)
Site Number: 058

Colony Number: 219-058
Tillamook County

"Unnamed Colony"
45° 20' 48" N, 123° 58' 56" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	36	18		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pigeon Guillemot	27		27	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Tufted Puffin	3		3	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2
West./Glaucous-winged Gull	14	7		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Pigeon Guillemot	10		10	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	10		10	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Pigeon Guillemot	8		8	B	L	Pitman/Graybill	6/12/1979	B	W	3	1
Tufted Puffin	1		1	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Tufted Puffin	5		5	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2

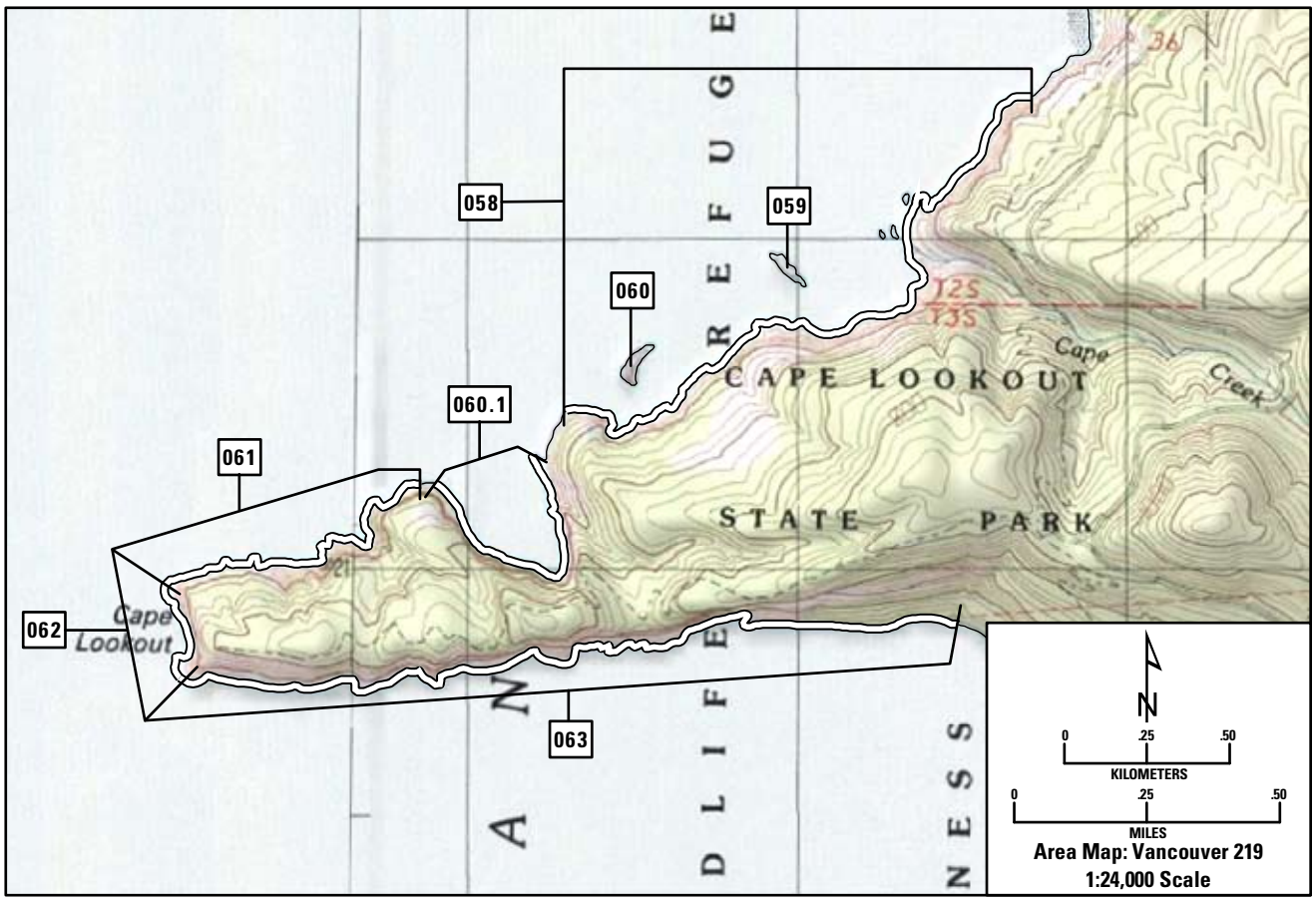
Map on page 115

Area Map: 219 (Vancouver)
Site Number: 059

Colony Number: 219-059
Tillamook County

"Unnamed Colony"
45° 20' 54" N, 123° 59' 4" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	88	44		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	4,584		2,745	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	3		3	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Double-crested Cormorant	6	3		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Pelagic Cormorant	4	2		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	156	78		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	814	407		N	2	Pitkin/Lowe	6/6/2001	AP	W	1	3
Brandt's Cormorant	202	101		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	34	17		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	38	19		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	66	33		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	336	168		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2



Colony 219-059 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	X			O	L	Lowe/Riemer	6/2/1992	AP	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Zeringue	7/11/1991	B	X	4	2
West./Glaucous-winged Gull	76	38		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Common Murre	2,368		1,418	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	1,553		930	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	1,666		998	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	36		21	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	37		22	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	194		116	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	197		118	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	204		122	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2

Map on page 115

Area Map: 219 (Vancouver) **Colony Number: 219-060** **"Brown Rock"**
Site Number: 060 **Tillamook County** **45° 20' 44" N, 123° 59' 26" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	564	282		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	48	24		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	6,234		3,733	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	7		7	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Tufted Puffin	4		4	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Unidentified Cormorant	195		195	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	125		125	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	250		250	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	500		500	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	500		500	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Pelagic Cormorant	6	3		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
Pelagic Cormorant	10	5		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pelagic Cormorant	6	3		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Brandt's Cormorant	404	202		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	358	179		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/6/2001	AP	W	1	3
Brandt's Cormorant	650	325		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	362	181		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	342	171		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	934	467		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	102	51		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	18	9		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	434	217		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	756	378		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	1,324	662		N	2	Lowe/Riemer	6/2/1992	AP	W	2	2
Brandt's Cormorant	1,528	764		N	2	Lowe/Naughton	6/5/1991	AP	W	1	2
Brandt's Cormorant	2,158	1,079		N	2	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	462	231		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	614	307		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	370	185		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	34	17		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
West./Glaucous-winged Gull	275		275	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	300		300	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	10		10	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	50		50	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4

Colony 219-060 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	6,658		3,987	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	5,244		3,140	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	6,777		4,058	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	2,817		1,687	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	1,072		642	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	625		374	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	1,687		1,010	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	1,314		787	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	3,210		1,922	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	3,804		2,278	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	3,866		2,315	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	3,535		2,117	B	1.67	Lowe/Naughton	6/5/1991	AP	W	2	2
Common Murre	2,495		1,494	B	1.67	Lowe/Naughton	6/14/1990	AP	W	2	2
Common Murre	4,185		2,506	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	2,460		1,473	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	1,002		600	B	1.67	Pitman	6/22/1979	AP	W	3	1
Common Murre	400		400	B	L	USFWS	6/6/1977	A	T	3	4
Common Murre	600		600	B	L	USFWS	June/1976	A	T	3	4
Common Murre	400		400	B	L	USFWS	6/28/1975	A	T	3	4
Common Murre	250		250	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	0		0	B	L	USFWS	6/26/1972	A	W	3	4
Common Murre	100		100	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Common Murre	0		0	B	L	Rodgers/Glahn	6/27/1967	A	W	3	4
Common Murre	0		0	B	L	Marshall/Glahn	6/24/1966	A	W	3	4
Pigeon Guillemot	6		6	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	8		8	B	L	Pitman/Graybill	6/12/1979	B	W	3	1
Tufted Puffin	2		2	B	L	Lowe/Anderson	6/6/1988	B	W	3	2

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Area Map: 219 (Vancouver) **Colony Number: 219-060.1** **"Unnamed Colony"**
Site Number: 060.1 **Tillamook County** **45° 20' 24" N, 123° 59' 38" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pigeon Guillemot	9		9	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Rhinoceros Auklet	P			O	L	Lowe/Anderson	6/6/1988	B	P	4	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Zeringue	7/11/1991	B	X	4	2
Pigeon Guillemot	4		4	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	12		12	B	L	Lowe/Anderson	6/6/1988	B	W	3	2

Map on page 115

Area Map: 219 (Vancouver) **Colony Number: 219-061** **"Unnamed Colony"**
Site Number: 061 **Tillamook County** **45° 20' 25" N, 124° 0' 9" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	26	13		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	32	16		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Common Murre	272		163	B	1.67	Lowe/Anderson	6/6/1988	B	W	2	2
Pigeon Guillemot	13		13	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Tufted Puffin	2		2	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pelagic Cormorant	6	3		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Pelagic Cormorant	4	2		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Brandt's Cormorant	22	11		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Brandt's Cormorant	28	14		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
Brandt's Cormorant	332	166		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	350	175		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	X			O	L	Lowe/Zeringue	7/11/1991	B	X	4	2
West./Glaucous-winged Gull	6	3		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Common Murre	X			O	L	Lowe/Zeringue	7/11/1991	B	X	4	2
Common Murre	262		157	B	1.67	Pitman/Graybill	6/12/1979	B	W	2	1
Pigeon Guillemot	11		11	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	16		16	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Pigeon Guillemot	10		10	B	L	Pitman/Graybill	6/12/1979	B	W	3	1

Map on page 115

Area Map: 219 (Vancouver) **Colony Number: 219-062** **"Unnamed Colony"**
Site Number: 062 **Tillamook County** **45° 20' 17" N, 124° 0' 28" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	42	21		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Common Murre	40		24	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	23		23	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Tufted Puffin	1		1	B	L	Pitkin/Wells	7/15/2003	B	W	3	3
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Pelagic Cormorant	14	7		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Brandt's Cormorant	44	22		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	84	42		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	118	59		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	2	1		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	6	3		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	38	19		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	12	6		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Brandt's Cormorant	6	3		N	2	Lowe/Anderson	6/6/1988	B	W	1	2
Brandt's Cormorant	10	5		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2
West./Glaucous-winged Gull	70	35		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
Common Murre	40		24	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	0		0	B	L	Pitkin/Lowe	6/3/2002	AP	W	1	3
Common Murre	33		20	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	85		51	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	169		101	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	184		110	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	189		113	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	189		113	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	220		132	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	150		90	B	1.67	Lowe/Anderson	6/6/1988	B	W	2	2
Common Murre	84		50	B	1.67	Pitman/Graybill	6/12/1979	B	W	2	1
Pigeon Guillemot	6		6	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	11		11	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Pigeon Guillemot	20		20	B	L	Pitman/Graybill	6/12/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Graybill	6/12/1979	B	W	3	1

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Area Map: 219 (Vancouver) **Colony Number: 219-063** **"Unnamed Colony"**
Site Number: 063 **Tillamook County** **45° 20' 15" N, 123° 59' 34" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	206	103		N	2	Pitkin/Wells	7/15/2003	B	W	2	3
Pelagic Cormorant	56	28		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	452	226		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	76	38		N	2	Lowe/Anderson	5/11/1988	B	W	3	2
Common Murre	13,412		8,031	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Pigeon Guillemot	81		81	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Rhinoceros Auklet	1		1	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Tufted Puffin	2		2	B	L	Lowe/Zeringue	7/11/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	5/11/1988	B	W	3	2
Double-crested Cormorant	448	224		N	2	Lowe/Zeringue	7/11/1991	B	W	3	2
Double-crested Cormorant	562	281		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Double-crested Cormorant	100	50		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
Pelagic Cormorant	30	15		N	2	Lowe/Pitkin	7/20/1993	B	W	1	2
Pelagic Cormorant	40	20		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
Pelagic Cormorant	46	23		N	2	Lowe/Anderson	5/11/1988	B	W	1	2
Pelagic Cormorant	22	11		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Brandt's Cormorant	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2
Brandt's Cormorant	32	16		N	2	Lowe/Zeringue	7/11/1991	B	W	1	2
Brandt's Cormorant	12	6		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/20/1993	B	X	4	2
West./Glaucous-winged Gull	60	30		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
Common Murre	12,525		7,500	B	1.67	Pitman	6/22/1979	AP	W	3	1
Pigeon Guillemot	58		58	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Pigeon Guillemot	96		96	B	L	Lowe/Anderson	6/6/1988	B	W	3	2
Pigeon Guillemot	56		56	B	L	Pitman/Graybill	6/12/1979	B	W	3	1
Tufted Puffin	20			B	L	Lowe/Anderson	6/6/1988	B	Y	3	2
Tufted Puffin	50			B	L	Pitman/Graybill	6/12/1979	B	W	3	1
Black Oystercatcher	8		8	B	L	Lowe/Pitkin	7/20/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Graybill	6/12/1979	B	W	3	1

Map on page 115

Area Map: 219 (Vancouver) **Colony Number: 219-058C** **"Cape Lookout Complex"**
Site Number: 058-063 **Tillamook County** **45° 20' 34" N, 123° 59' 27" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	50		50	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	1,900		1,900	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	1,100		1,100	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	250		250	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	700		700	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	X			O	L	Walker	6/1/1941	M	X	4	11
West./Glaucous-winged Gull	X			O	L	Ferris	1937	M	X	4	13
West./Glaucous-winged Gull	X			O	L	Braly	5/29/1932	M	X	4	11
West./Glaucous-winged Gull	26		26	B	L	Braly	6/12/1930	M	T	4	10
West./Glaucous-winged Gull	X			O	L	Walker	6/2/1929	M	X	4	11
Common Murre	9,000		9,000	B	L	Griffee	June/1976	M	Y	4	11
Common Murre	2,000		2,000	B	L	USFWS	6/28/1975	A	T	3	4
Common Murre	200		200	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	2,800		2,800	B	L	USFWS	6/29/1973	A	T	3	4
Common Murre	3,000		3,000	B	L	USFWS	6/26/1972	A	T	3	4
Common Murre	X			O	L	Walker	6/2/1969	M	X	4	11
Common Murre	800		800	B	L	Kubat	June/1954	M	T	4	11
Common Murre	X			O	L	Kubat	June/1953	M	X	4	11
Common Murre	800		800	B	L	Kubat	June/1952	M	T	4	11
Common Murre	4,000		4,000	B	L	Sumner	1941	M	Y	4	14
Common Murre	X			O	L	Ferris	7/31/1937	M	X	4	13
Common Murre	X			O	L	Walker	8/6/1935	M	X	4	11
Common Murre	X			O	L	Ferris	1930	M	X	4	13

Area Map: 219 (Vancouver) **Colony Number: 219-063.1** **"Unnamed Colony"**
Site Number: 063.1 **Tillamook County** **45° 13' 15" N, 123° 58' 34" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	40		40	B	L	Lowe/Pitkin	7/28/1994	B	W	3	2

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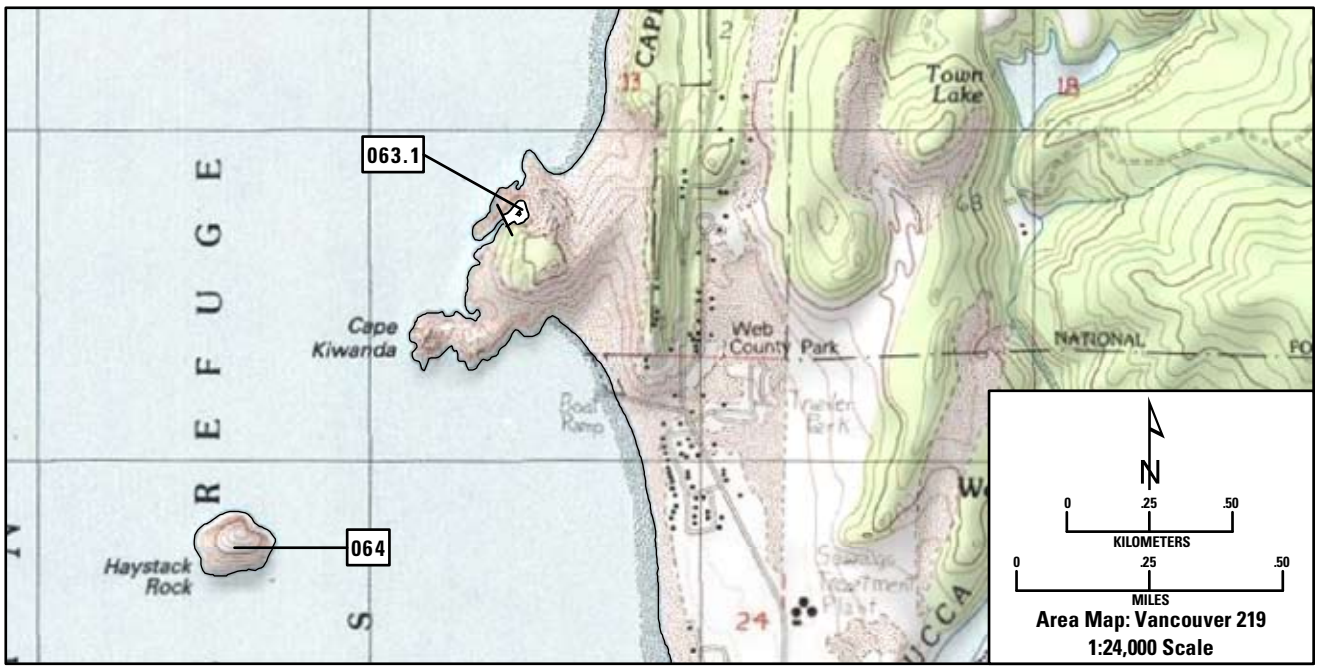
Area Map: 219 (Vancouver) **Colony Number: 219-064** **Haystack Rock**
Site Number: 064 **Tillamook County** **45° 12' 42" N, 123° 59' 13" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	1,000			U	L	Pitman	6/26/1979	B	Y	3	1
Fork-tailed Storm-Petrel	P			O	L	Lowe/Anderson	5/11/1988	B	P	4	2
Double-crested Cormorant	214	107		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Pelagic Cormorant	598	299		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	948	474		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	2,286	1,143		N	2	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	297		178	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Pigeon Guillemot	46		46	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Cassin's Auklet	P			O	L	Lowe/Anderson	5/11/1988	B	P	4	2
Rhinoceros Auklet	P			O	L	Lowe/Anderson	5/11/1988	B	P	4	2
Tufted Puffin	120		120	B	L	Lowe/Zeringue	6/24/1991	B	T	3	2
Black Oystercatcher	6		6	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Unidentified Storm-Petrel	500		500	B	L	Browning/English	5/5/1967	C	Y	3	5
Leach's Storm-Petrel	P			O	L	Lowe/Anderson	5/11/1988	B	P	4	2
Leach's Storm-Petrel	60		60	B	L	Kubat	1957	M	T	4	11
Leach's Storm-Petrel	X			O	L	Walker	1942	M	X	4	11
Leach's Storm-Petrel	X			U	L	Ferris	1935	M	X	4	13
Leach's Storm-Petrel	X			U	L	Walker	6/24/1929	M	X	4	11
Fork-tailed Storm-Petrel	X			U	L	Pitman	6/26/1979	C	X	4	1
Fork-tailed Storm-Petrel	X			U	L	Andersen	5/4/1958	M	X	4	11
Fork-tailed Storm-Petrel	X			U	L	Kubat	6/2/1957	M	X	4	11
Fork-tailed Storm-Petrel	X			U	L	Walker	1947	M	X	4	11
Fork-tailed Storm-Petrel	X			U	L	Ferris	1935	M	X	4	13
Unidentified Cormorant	55		55	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	300		300	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	200		200	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	10		10	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	50		50	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4



Colony 219-064 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	50		50	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	200		200	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Double-crested Cormorant	X			O	L	Pitkin/Lowe	7/9/2000	B	X	4	3
Double-crested Cormorant	126	63		N	2	Lowe/Zeringue	6/24/1991	B	W	2	2
Double-crested Cormorant	28	14		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Double-crested Cormorant	P			O	L	Pitman/Graybill	6/12/1979	B	P	4	1
Double-crested Cormorant	24	12		N	2	Browning/English	5/5/1967	C	W	1	5
Double-crested Cormorant	26		26	B	L	Kubat	6/2/1957	M	T	4	11
Double-crested Cormorant	X			U	L	Ferris	1935	M	X	4	13
Pelagic Cormorant	416	208		N	2	Lowe/Zeringue	6/24/1991	B	W	3	2
Pelagic Cormorant	348	174		N	2	Lowe/Anderson	5/11/1988	B	W	1	2
Pelagic Cormorant	212	106		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Pelagic Cormorant	64	32		N	D	Browning/English	5/5/1967	C	Y	4	5
Pelagic Cormorant	X			U	L	Ferris	1935	M	X	4	13
Brandt's Cormorant	378	189		N	2	Lowe/Zeringue	6/24/1991	B	W	2	2
Brandt's Cormorant	344	172		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	106	53		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
Brandt's Cormorant	38	19		N	2	Browning/English	5/5/1967	C	W	1	5

Colony 219-064 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	X			U	L	Ferris	1935	M	X	4	13
Brandt's Cormorant	X			U	L	Walker	6/24/1929	M	X	4	11
West./Glaucous-winged Gull	1		1	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
West./Glaucous-winged Gull	750			B	L	Pitman/Graybill	6/12/1979	B	W	3	1
West./Glaucous-winged Gull	575		575	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	2,700		2,700	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	3,400		3,400	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	1,200		1,200	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	1,200		1,200	B	L	Glahn	6/18/1970	A	T	3	4
West./Glaucous-winged Gull	400		400	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
West./Glaucous-winged Gull	3,500		3,500	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
West./Glaucous-winged Gull	500		500	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
West./Glaucous-winged Gull	720		900	B	0.8	Browning/English	5/5/1967	C	Y	3	5
West./Glaucous-winged Gull	1,500		1,500	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	400		400	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
West./Glaucous-winged Gull	1,000		1,000	B	L	Marshall/Glahn	5/14/1963	A	T	3	4
West./Glaucous-winged Gull	X			U	L	Kubat	6/2/1957	M	X	4	11
West./Glaucous-winged Gull	X			U	L	Kubat	5/27/1949	M	X	4	11
West./Glaucous-winged Gull	600		600	B	L	Ferris	1935	M	T	4	13
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	270		270	B	L	Lowe/Anderson	5/11/1988	B	W	3	2
Pigeon Guillemot	27		27	B	L	Pitman/Graybill	6/12/1979	B	W	3	1
Pigeon Guillemot	49		49	B	L	Browning/English	5/5/1967	C	W	3	5
Pigeon Guillemot	4		4	B	L	Kubat	7/5/1952	M	T	4	11
Cassin's Auklet	P			O	L	Pitman/Graybill	6/12/1979	B	P	4	1
Cassin's Auklet	260	130		N	2	Browning/English	5/5/1967	C	Y	3	5
Cassin's Auklet	0	0	0	B	L	Ferris	1935	M	W	1	13
Rhinoceros Auklet	P			O	L	Pitman/Graybill	6/12/1979	B	P	4	1
Tufted Puffin	300			B	L	Lowe/Anderson	5/11/1988	B	Y	3	2
Tufted Puffin	300			B	L	Pitman	6/26/1979	C	Y	3	1
Tufted Puffin	100		100	B	L	USFWS	6/26/1972	M	T	4	4
Tufted Puffin	138	69		N	2	Browning/English	5/5/1967	C	Z	3	5
Tufted Puffin	X			O	L	Marshall/Glahn	7/9/1964	A	X	4	4
Tufted Puffin	10		10	B	L	Marshall/Glahn	5/14/1963	A	T	4	4
Tufted Puffin	70		70	B	L	Kubat	6/2/1957	M	T	4	11
Tufted Puffin	100		100	B	L	Kubat	6/8/1952	M	T	4	11
Tufted Puffin	100		100	B	L	Kubat	6/24/1951	M	T	4	11
Tufted Puffin	X			U	L	Ferris	1935	M	X	4	13
Tufted Puffin	X			U	L	Walker	1929	M	X	4	11
Black Oystercatcher	4		4	B	L	Lowe/Anderson	5/11/1988	B	W	3	2

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"Unnamed Colony" along south side of Cape Lookout ((219-063) June 4, 1996 *David S. Pitkin*

Haystack Rock (219-064) with Cape Kiwanda in background *David S. Pitkin*

Area Map: 219 (Vancouver)
Site Number: 064.1

Colony Number: 219-064.1
Tillamook County

"Unnamed Colony"
45° 5' 36" N, 123° 59' 36" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	0		0	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pigeon Guillemot	0		0	B	L	Lowe/Zeringue	6/24/1991	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2

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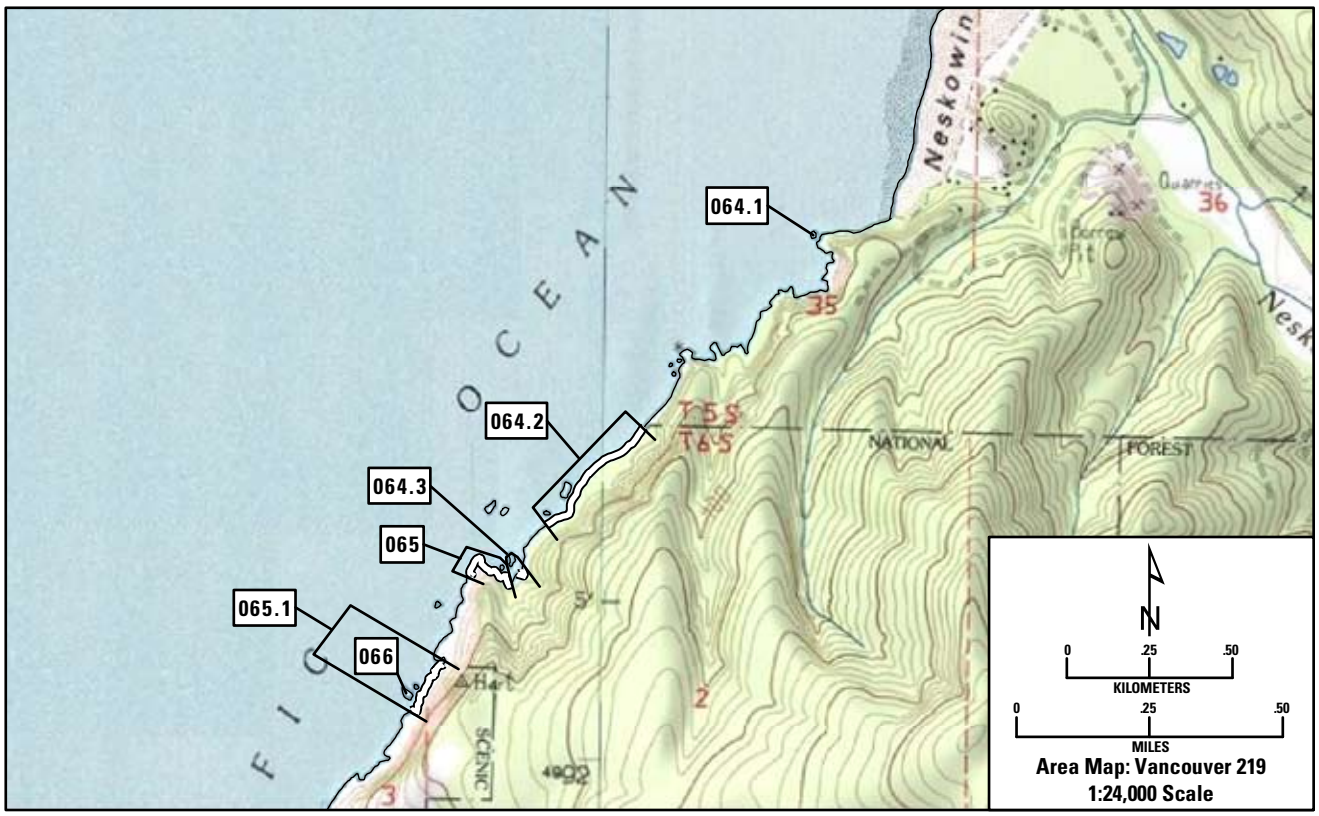
Area Map: 219 (Vancouver)
Site Number: 064.2

Colony Number: 219-064.2
Tillamook County

"Unnamed Colony"
45° 5' 12" N, 124° 0' 6" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	110	55		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	8	4		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pigeon Guillemot	43		43	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Rhinoceros Auklet	P			O	L	Lowe/Anderson/Matthews	7/8/1988	B	P	4	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/12/1993	B	W	1	2
Pelagic Cormorant	34	17		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	60	30		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
Pigeon Guillemot	19		19	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	58		58	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	72		72	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2

Map on page 127



Area Map: 219 (Vancouver) **Colony Number: 219-064.3** **"Unnamed Colony"**
Site Number: 064.3 **Tillamook County** **45° 5' 2" N, 124° 0' 15" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Pigeon Guillemot	20		20	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Rhinoceros Auklet	X			O	L	Lowe/Anderson/Matthews	7/8/1988	B	X	4	2
Pelagic Cormorant	2	1		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pigeon Guillemot	11		11	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	36		36	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	14		14	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2

Map on page 127

Area Map: 219 (Vancouver) **Colony Number: 219-065** **"Unnamed Colony"**
Site Number: 065 **Tillamook County** **45° 5' 2" N, 124° 0' 20" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pigeon Guillemot	36		36	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Rhinoceros Auklet	P			O	L	Lowe/Anderson	5/11/1988	B	P	4	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
West./Glaucous-winged Gull	0		0	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Pigeon Guillemot	7		7	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	0		0	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pigeon Guillemot	40		40	B	L	Lowe/Anderson	5/11/1988	B	W	3	2
Rhinoceros Auklet	0		0	N	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Black Oystercatcher	0		0	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Black Oystercatcher	1		1	B	L	Pitman/Graybill	6/12/1979	B	W	3	1

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Area Map: 219 (Vancouver) **Colony Number: 219-065.1** **"Unnamed Colony"**
Site Number: 065.1 **Tillamook County** **45° 4' 51" N, 124° 0' 29" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	60	30		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Pigeon Guillemot	75		75	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	7/7/1988	B	W	3	2
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	7/12/1993	B	W	1	2
Pigeon Guillemot	6		6	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	39		39	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	116		116	B	L	Lowe/Anderson	5/11/1988	B	W	3	2

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Area Map: 219 (Vancouver) **Colony Number: 219-066** **"Unnamed Colony"**
Site Number: 066 **Tillamook County** **45° 4' 50" N, 124° 0' 31" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	86	43		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pigeon Guillemot	16		16	B	L	Lowe/Anderson	5/11/1988	B	W	3	2
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	7/12/1993	B	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson	5/11/1988	B	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Pigeon Guillemot	3		3	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2

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Pelagic Cormorants *David S. Pitkin*

Area Map: 219 (Vancouver) **Colony Number: 219-066.1** **"Unnamed Colony"**
Site Number: 066.1 **Tillamook County** **45° 4' 37" N, 124° 0' 48" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
Common Murre	42		25	B	1.67	Pitkin/Lowe	7/9/2000	B	W	2	3
Brandt's Cormorant	X			O	L	Pitkin/Lowe	7/9/2000	B	X	4	3

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Area Map: 219 (Vancouver) **Colony Number: 219-067** **"Harts Cove North"**
Site Number: 067 **Tillamook County** **45° 4' 33" N, 124° 0' 36" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	18	9		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
Common Murre	242		145	B	1.67	Pitkin/Wells	7/15/2003	B	W	2	3
Pigeon Guillemot	92		92	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pelagic Cormorant	144	72		N	2	Pitkin/Lowe	7/9/2000	B	W	1	3
Pelagic Cormorant	10	5		N	2	Lowe/Pitkin	7/12/1993	B	W	1	2
Pelagic Cormorant	18	9		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	206	103		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pelagic Cormorant	36	18		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
Pelagic Cormorant	60	30		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Brandt's Cormorant	4	2		N	2	Pitkin/Lowe	7/9/2000	B	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Common Murre	X			O	L	Pitkin/Lowe	7/9/2000	B	X	4	3
Pigeon Guillemot	35		35	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	61		61	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	153		153	B	L	Lowe/Anderson	5/11/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2

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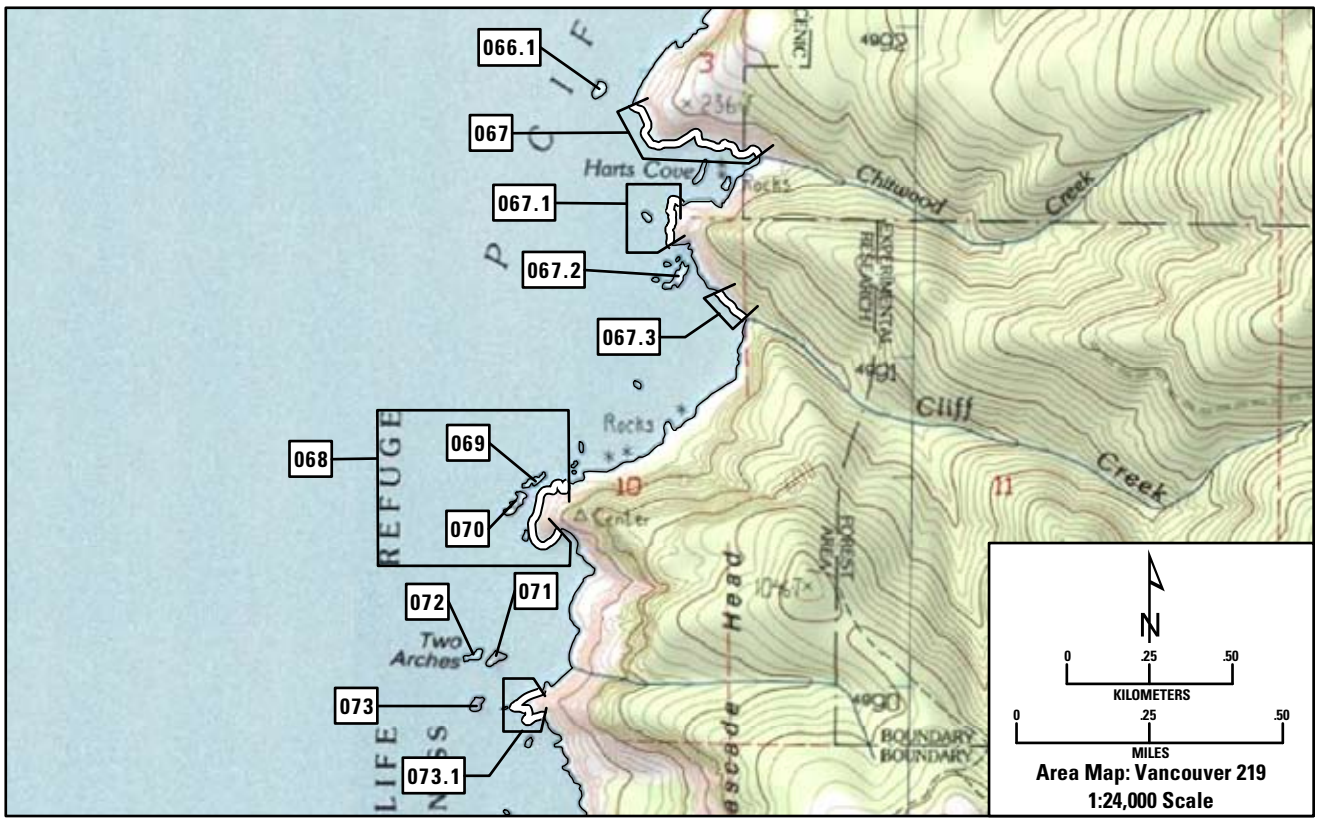

Area Map: 219 (Vancouver) **Colony Number: 219-067.1** **"Harts Cove South"**
Site Number: 067.1 **Tillamook County** **45° 4' 25" N, 124° 0' 38" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Pigeon Guillemot	9		9	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Pelagic Cormorant	2	1		N	2	Pitkin/Lowe	7/9/2000	B	W	1	3
Pelagic Cormorant	8	4		N	2	Lowe/Pitkin	7/12/1993	B	W	1	2
Pelagic Cormorant	10	5		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Anderson	5/11/1988	B	W	1	2
Pigeon Guillemot	12		12	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	5		5	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	21		21	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2

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Area Map: 219 (Vancouver) **Colony Number: 219-067.2** **"Unnamed Colony"**
Site Number: 067.2 **Tillamook County** **45° 4' 19" N, 124° 0' 37" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	4	2		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2

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Area Map: 219 (Vancouver) **Colony Number: 219-067.3** **"Unnamed Colony"**
Site Number: 067.3 **Tillamook County** **45° 4' 16" N, 124° 0' 30" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Pelagic Cormorant	6	3		N	2	Lowe/Pitkin	7/12/1993	B	W	1	2

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Area Map: 219 (Vancouver)
Site Number: 068

Colony Number: 219-068
Tillamook County

"Center Point"
45° 3' 56" N, 124° 0' 57" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	20	10		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	10	5		N	2	Lowe/Zeringue	6/24/1991	B	W	2	2
Common Murre	84		50	B	1.67	Lowe/Zeringue	6/24/1991	B	W	2	2
Pigeon Guillemot	14		14	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Pelagic Cormorant	42	21		N	2	Pitkin/Lowe	7/9/2000	B	W	1	3
Pelagic Cormorant	18	9		N	2	Lowe/Pitkin	7/12/1993	B	W	1	2
Pelagic Cormorant	50	25		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pelagic Cormorant	70	35		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
Brandt's Cormorant	X			O	L	Lowe/Zeringue	6/24/1991	B	X	4	2
Brandt's Cormorant	574	287		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	780	390		N	2	Pitman	6/22/1979	AP	W	2	1
Common Murre	162		97	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	184		110	B	1.67	Lowe/Anderson/Matthews	6/4/1988	AP	W	2	2
Common Murre	167		100	B	1.67	Pitman	6/22/1979	AP	W	2	1
Pigeon Guillemot	6		6	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	10		10	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	21		21	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2

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Area Map: 219 (Vancouver) **Colony Number: 219-069** **"Unnamed Colony"**
Site Number: 069 **Tillamook County** **45° 3' 59" N, 124° 0' 57" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	14	7		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	0		0	B		Pitkin/Lowe	6/9/2003	AP	W	2	2
Pigeon Guillemot	3		3	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Brandt's Cormorant	124	62		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	4	2		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	70	35		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	158	79		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	106	53		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	106	53		N	2	Lowe/Naughton	6/5/1991	AP	W	1	2
Brandt's Cormorant	550	275		N	2	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	62	31		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	90	45		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	154	77		N	2	Pitman	6/22/1979	AP	W	2	1
Common Murre	3,146		1,884	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	2,819		1,688	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	314		188	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	4,629		2,772	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	3,686		2,207	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	1,258		753	B	1.67	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	3,353		2,008	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	3,624		2,170	B	1.67	Lowe/Naughton	6/5/1991	AP	W	2	2
Common Murre	X			O	L	Lowe/Naughton	6/14/1990	AP	X	4	2
Common Murre	3,455		2,069	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	3,604		2,158	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	1,002		600	B	1.67	Pitman	6/22/1979	AP	W	3	1

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Area Map: 219 (Vancouver) **Colony Number: 219-070** **"Unnamed Colony"**
Site Number: 070 **Tillamook County** **45° 3' 57" N, 124° 0' 59" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	X			O	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	X	4	2
Common Murre	701		420	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	1		1	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Brandt's Cormorant	2	1		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	18	9		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	6	3		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	226	113		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	8	4		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/12/1993	B	X	4	2
Common Murre	676		405	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	2,106		1,261	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	1,872		1,121	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	1,702		1,019	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	1,336		800	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	668		400	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	752		450	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	3		2	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	1,291		773	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	1,503		900	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	511		306	B	1.67	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	1,453		870	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	1,237		741	B	1.67	Lowe/Naughton	6/5/1991	AP	W	2	2
Common Murre	1,084		649	B	1.67	Lowe/Naughton	6/14/1990	AP	W	2	2
Common Murre	1,039		622	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	1,623		972	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	418		250	B	1.67	Pitman	6/22/1979	AP	W	3	1

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Area Map: 219 (Vancouver) **Colony Number: 219-071** **"Unnamed Colony"**
Site Number: 071 **Tillamook County** **45° 3' 41" N, 124° 1' 2" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Common Murre	0		0	B		Pitkin/Lowe	6/9/2003	AP	W	2	2
Pigeon Guillemot	5		5	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Tufted Puffin	15		15	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	402	201		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	580	290		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	400	200		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Riemer	6/5/1991	AP	W	1	2
Brandt's Cormorant	304	152		N	2	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	802	401		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/12/1993	B	X	4	2
West./Glaucous-winged Gull	12	6		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Common Murre	873		523	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	1,086		650	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	543		325	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	1,298		777	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	954		571	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	224		134	B	1.67	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	740		443	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	947		567	B	1.67	Lowe/Riemer	6/5/1991	AP	W	2	2
Common Murre	1,338		801	B	1.67	Lowe/Naughton	6/14/1990	AP	W	2	2
Common Murre	1,055		632	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	1,620		970	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	1,169		700	B	1.67	Pitman	6/22/1979	AP	W	3	1
Pigeon Guillemot	4		4	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	8		8	B	L	Lowe/Anderson	5/11/1988	B	W	3	2
Pigeon Guillemot	10		10	B	L	Pitman/Graybill	6/12/1979	B	W	3	1
Tufted Puffin	3		3	B	L	Lowe/Naughton	6/9/1989	AP	W	3	2
Tufted Puffin	14		14	B	L	Lowe/Anderson	5/11/1988	B	W	3	2
Tufted Puffin	30			B	L	Pitman/Graybill	6/12/1979	B	W	3	1

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Due to Bald Eagle disturbance at this colony the most recent survey data are not included in the MRA box.

Area Map: 219 (Vancouver)
Site Number: 072

Colony Number: 219-072
Tillamook County

"Two Arches Rock"
45° 3' 42" N, 124° 1' 5" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	12	6		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Common Murre	0		0	B		Pitkin/Lowe	6/9/2003	AP	W	2	2
Pigeon Guillemot	9		9	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	3		3	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pelagic Cormorant	36	18		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Brandt's Cormorant	56	28		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	X			O	L	Lowe/Zeringue	6/24/1991	B	X	4	2
Brandt's Cormorant	76	38		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	70	35		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	40	20		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	X			O	L	Lowe/Pitkin	6/24/1997	B	X	4	2
Common Murre	X			O	L	Lowe/Pitkin	7/12/1993	B	X	4	2
Common Murre	23,823		14,265	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	26,690		15,982	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	20,334		12,176	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	12,108		7,250	B	1.67	Pitman	6/22/1979	AP	W	3	1
Pigeon Guillemot	1		1	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	10		10	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	4		4	B	L	Lowe/Anderson	7/8/1988	B	W	3	2

Map on page 131

Area Map: 219 (Vancouver) **Colony Number: 219-073** **"Unnamed Colony"**
Site Number: 073 **Tillamook County** **45° 3' 37" N, 124° 1' 5" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	24	12		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Common Murre	0		0	B		Pitkin/Lowe	6/9/2003	AP	W	2	2
Pigeon Guillemot	2		2	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Pelagic Cormorant	8	4		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Brandt's Cormorant	8	4		N	2	Lowe/Pitkin	7/12/1993	B	W	1	2
Brandt's Cormorant	28	14		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Brandt's Cormorant	34	17		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	70	35		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	4	2		N	2	Lowe/Pitkin	7/12/1993	B	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Common Murre	X			O	L	Lowe/Zeringue	6/24/1991	B	X	4	2
Common Murre	14,028		8,400	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	9,185		5,500	B	1.67	Pitman	6/22/1979	AP	W	3	1
Pigeon Guillemot	3		3	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	4		4	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	6		6	B	L	Lowe/Anderson	5/11/1988	B	W	3	2

Map on page 131

Area Map: 219 (Vancouver) **Colony Number: 219-073.1** **"Unnamed Colony"**
Site Number: 073.1 **Tillamook County** **45° 3' 36" N, 124° 0' 58" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	6	3		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pigeon Guillemot	15		15	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pigeon Guillemot	8		8	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	10		10	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	11		11	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2

Map on page 131

Area Map: 219 (Vancouver) **Colony Number: 219-065C** **"Cascade Head Complex"**
Site Number: 068-073.1 **Tillamook County** **45° 3' 51" N, 124° 0' 45" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	130		130	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	300		300	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	350		350	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	100		100	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	550		550	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	60		60	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	320		320	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	900		900	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	600		600	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	100		100	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Pelagic Cormorant	6		6	B	L	Prill	6/3/1937	M	T	4	11
Pelagic Cormorant	6		6	B	L	Walker/Prill	6/4/1934	M	T	4	11
Brandt's Cormorant	X			U	L	Walker/Prill	6/4/1934	M	X	4	11
Brandt's Cormorant	X			U	L	Walker	6/19/1933	M	X	4	11
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	7/12/1974	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	7/1/1969	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
West./Glaucous-winged Gull	X			U	L	Walker	6/5/1935	M	X	4	11
West./Glaucous-winged Gull	2		2	B	L	Walker	6/4/1934	M	T	4	11
West./Glaucous-winged Gull	X			U	L	Walker	6/19/1933	M	X	4	11
Common Murre	6,800		6,800	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	11,000		11,000	B	L	USFWS	6/1/1976	A	Y	3	4
Common Murre	7,850		7,850	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	3,900		3,900	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	7,500		7,500	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	7,500		7,500	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	3,800		3,800	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	8,000		8,000	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	2,000		2,000	B	L	Rodgers/Glahn	7/1/1969	A	Y	3	4
Common Murre	4,500		4,500	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	6,000		6,000	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	9,000		9,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	15,000		15,000	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Common Murre	30,000		30,000	B	L	Marshall/Glahn	5/14/1963	A	T	3	4

Colony 219-068-073.1 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	X			U	L	Griffee	6/11/1936	M	X	4	11
Common Murre	10,000		10,000	B	L	Griffee	6/5/1935	M	Y	4	11
Common Murre	5,000		5,000	B	L	Walker/Prill	6/4/1934	M	Y	4	11
Common Murre	2,500		2,500	B	L	Walker	6/4/1934	M	Y	4	11
Common Murre	2,500		2,500	B	L	Walker	6/19/1933	M	Y	4	11
Pigeon Guillemot	X			U	L	Walker	6/19/1933	B,M	X	4	11
Tufted Puffin	X			U	L	Walker	6/4/1934	B,M	X	4	11
Tufted Puffin	X			U	L	Walker/Prill	6/19/1933	B,M	X	4	11

"Two Arches Rock" (219-072; center left) and two "Unnamed Colony" rocks (219-071 and 219-073) off Cascade Head. "Unnamed Colony" (219-068 to 219-070) in background June 10, 1994 *David S. Pitkin*

Area Map: 219 (Vancouver)
Site Number: 074

Colony Number: 219-074
Tillamook County

"Cascade Head South"
45° 2' 55" N, 124° 0' 59" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pigeon Guillemot	60		60	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitkin/Lowe	7/9/2000	B	W	3	3
Pelagic Cormorant	134	67		N	2	Pitkin/Lowe	7/9/2000	B	W	1	3
Pelagic Cormorant	158	79		N	2	Lowe/Pitkin	7/12/1993	B	W	1	2
Pelagic Cormorant	274	137		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	202	101		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pelagic Cormorant	348	174		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
Pelagic Cormorant	86	43		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
West./Glaucous-winged Gull	8	4		N	2	Lowe/Anderson	5/11/1988	B	W	1	2
Pigeon Guillemot	38		38	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	48		48	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	80		80	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2

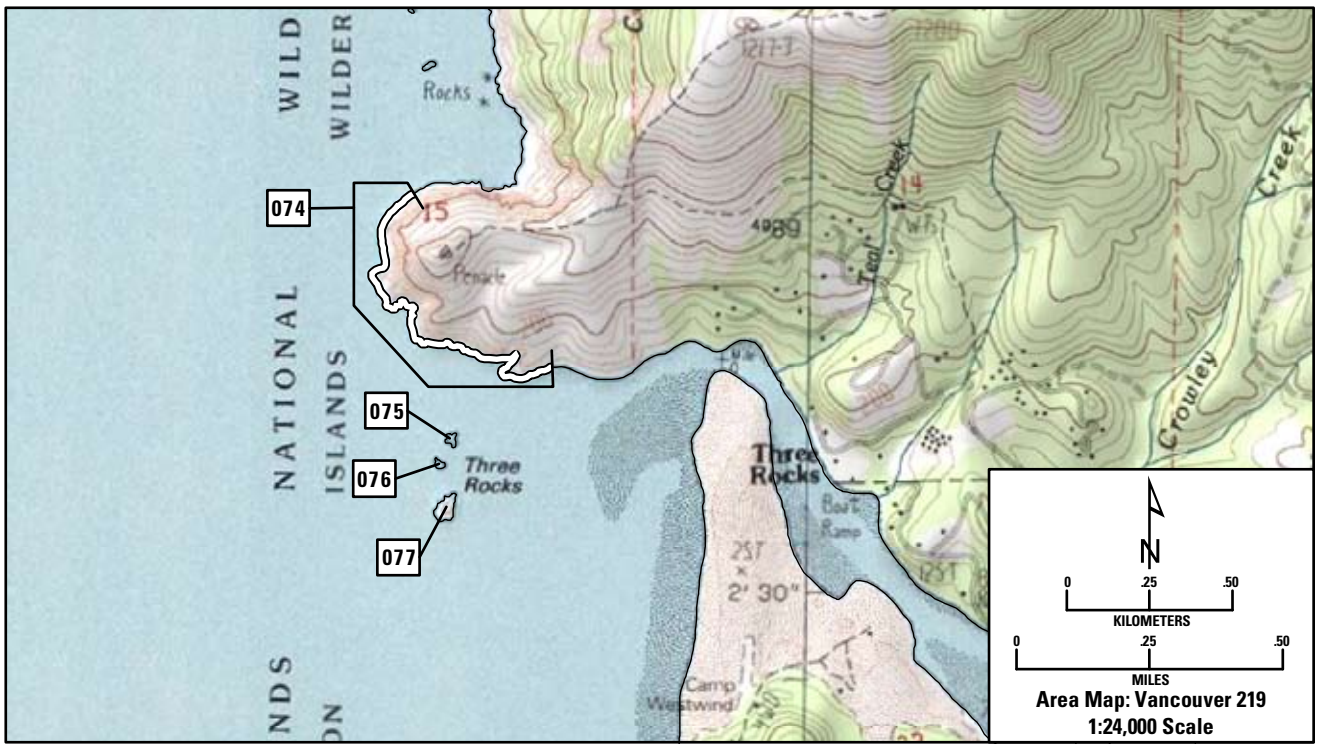
Map on page 143

Area Map: 219 (Vancouver)
Site Number: 075

Colony Number: 219-075
Tillamook County

Three Rocks (North)
45° 2' 44" N, 124° 0' 54" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	16	8		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Brandt's Cormorant	138	69		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	104	52		N	2	Anderson	7/8/1988	C	W	1	2
Common Murre	X			O	L	Pitkin/Lowe	7/9/2000	B	X	4	3
Pigeon Guillemot	10		10	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	6/24/1997	B	W	1	2
Pelagic Cormorant	30	15		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Brandt's Cormorant	X			O	L	Pitkin/Lowe	7/9/2000	B	X	4	3
Brandt's Cormorant	X			O	L	Lowe/Pitkin	6/24/1997	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/12/1993	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Zeringue	6/24/1991	B	X	4	2
West./Glaucous-winged Gull	70	35		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
Pigeon Guillemot	5		5	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2



Colony 219-075 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	6		6	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	7		7	B	L	Lowe/Anderson	5/11/1988	B	W	3	2
Pigeon Guillemot	1		1	B	L	Pitman/Graybill	6/12/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Graybill	6/12/1979	B	W	3	1

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Area Map: 219 (Vancouver)
Site Number: 076

Colony Number: 219-076
Tillamook County

Three Rocks (Middle)
45° 2' 42" N, 124° 0' 55" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	4	2		N	2	Lowe/Zeringue	6/24/1991	C	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/12/1993	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	X	4	2
West./Glaucous-winged Gull	44	22		N	2	Lowe/Anderson	5/11/1988	B	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Pitman/Graybill	6/12/1979	B	W	1	1

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Area Map: 219 (Vancouver)
Site Number: 077

Colony Number: 219-077
Tillamook County

Three Rocks (South)
45° 2' 37" N, 124° 0' 54" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	38	19		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	184	92		N	2	Lowe	7/8/1988	C	W	1	2
Common Murre	X			O	L	Pitkin/Lowe	7/9/2000	B	X	4	3
Pigeon Guillemot	13		13	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Brandt's Cormorant	X			O	L	Pitkin/Lowe	7/9/2000	B	X	4	3
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/12/1993	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Zeringue	6/24/1991	B	X	4	2
West./Glaucous-winged Gull	200	100		N	2	Pitman/Graybill	6/12/1979	B	W	2	1
Pigeon Guillemot	15		15	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2
Pigeon Guillemot	13		13	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	8		8	B	L	Lowe	7/8/1988	C	W	3	2
Pigeon Guillemot	1		1	B	L	Pitman/Graybill	6/12/1979	B	W	3	1
Black Oystercatcher	4		4	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Pitman/Graybill	6/12/1979	B	W	3	1

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Area Map: 219 (Vancouver)
Site Number: 075-077

Colony Number: 219-075C
Tillamook County

"Three Rocks Complex"
45° 2' 40" N, 124° 0' 55" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	18		18	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	65		65	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	90		90	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	180		180	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	450		450	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	12		12	B	L	Walker/Prill	6/10/1938	M	T	4	11
West./Glaucous-winged Gull	X			U	L	Prill	6/3/1937	M	X	4	11
West./Glaucous-winged Gull	75		75	B	L	Walker/Prill	6/11/1936	M	T	4	11
West./Glaucous-winged Gull	X			U	L	Griffee	6/5/1935	M	X	4	11
Common Murre	0		0	B	L	USFWS	6/6/1977	A	W	3	4
Common Murre	0		0	B	L	USFWS	June/1976	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/28/1975	A	W	3	4
Common Murre	0		0	B	L	USFWS	7/12/1974	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/26/1972	A	W	3	4
Pigeon Guillemot	X			U	L	Walker	6/11/1936	M	X	4	11
Black Oystercatcher	X			U	L	Walker	6/11/1936	M	X	4	11

"Cascade Head South" (219-074) and Three Rocks (219-075 to 219-077) June 10, 1994
David S. Pitkin

Area Map: 219 (Vancouver) **Colony Number: 219-078** **"Unnamed Colony"**
Site Number: 078 **Lincoln County** **45° 2' 2" N, 124° 0' 38" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	4		4	B	L	Lowe/Anderson	5/11/1988	B	W	3	2
Pigeon Guillemot	3		3	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	5/11/1988	B	W	3	2
Pelagic Cormorant	48	24		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
West./Glaucous-winged Gull	6	3		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Pigeon Guillemot	10		10	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	9		9	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2

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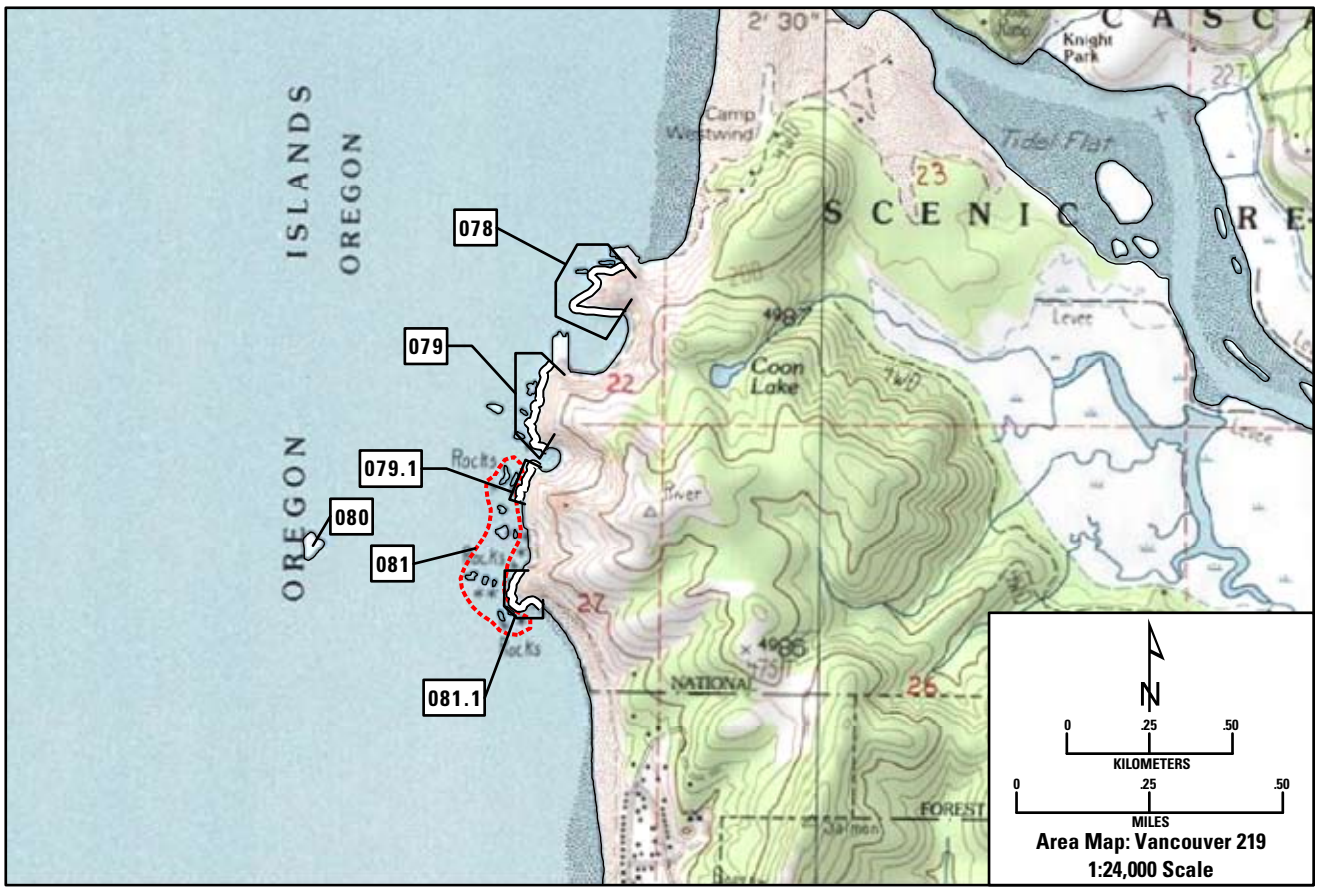
Area Map: 219 (Vancouver) **Colony Number: 219-079** **"Unnamed Colony"**
Site Number: 079 **Lincoln County** **45° 1' 51" N, 124° 0' 44" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	0	0		N	L	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
Pigeon Guillemot	9		9	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pelagic Cormorant	12	6		N	2	Lowe/Pitkin	7/12/1993	B	W	1	2
Pelagic Cormorant	38	19		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	60	30		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
Pelagic Cormorant	30	15		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
West./Glaucous-winged Gull	2	1		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Pigeon Guillemot	24		24	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	40		40	B	L	Lowe/Anderson	5/11/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/12/1993	B	W	3	2

Map on page 147



Area Map: 219 (Vancouver)
Site Number: 079.1

Colony Number: 219-079.1
Lincoln County

"Unnamed Colony"
45° 1' 44" N, 124° 0' 45" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Black Oystercatcher	5		5	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	7/12/1993	B	W	1	2
Pelagic Cormorant	36	18		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2

Map on page 147

Area Map: 219 (Vancouver) **Colony Number: 219-080** **"Unnamed Colony"**
Site Number: 080 **Lincoln County** **45° 1' 37" N, 124° 1' 15" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	0		0	N	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pigeon Guillemot	0		0	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
West./Glaucous-winged Gull	0		0	N	L	Lowe/Pitkin	7/12/1993	B	W	1	2
West./Glaucous-winged Gull	0		0	N	L	Lowe/Zeringue	6/24/1991	B	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Matthews	7/8/1988	C	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Pigeon Guillemot	0		0	B	L	Lowe/Pitkin	7/12/1993	B	W	1	2
Pigeon Guillemot	0		0	B	L	Lowe/Zeringue	6/24/1991	B	W	1	2
Pigeon Guillemot	2		2	B	L	Pitman/Graybill	6/12/1979	B	W	3	1

Map on page 147

Area Map: 219 (Vancouver) **Colony Number: 219-081** **"Unnamed Colony"**
Site Number: 081 **Lincoln County** **45° 1' 37" N, 124° 0' 49" W**

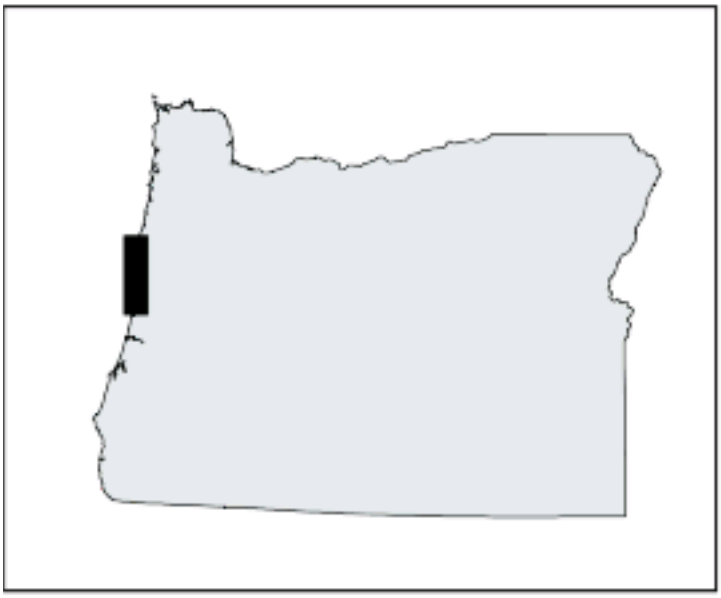
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pigeon Guillemot	45		45	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Pelagic Cormorant	0		0	N	L	Lowe/Pitkin	7/12/1993	B	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	10	5		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pelagic Cormorant	12	6		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
West./Glaucous-winged Gull	0		0	N	L	Lowe/Pitkin	7/12/1993	B	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson	5/11/1988	B	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Pitman/Graybill	6/12/1979	B	W	1	1
Pigeon Guillemot	0		0	B	L	Lowe/Pitkin	7/12/1993	B	W	1	2
Pigeon Guillemot	25		25	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	18		18	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2
Black Oystercatcher	0		0	B	L	Lowe/Pitkin	7/12/1993	B	W	1	2

Map on page 147

Area Map: 219 (Vancouver) **Colony Number: 219-081.1** **"Unnamed Colony"**
Site Number: 081.1 **Lincoln County** **45° 1' 32" N, 124° 0' 47" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Pigeon Guillemot	31		31	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2
Pelagic Cormorant	30	15		N	2	Lowe/Pitkin	7/12/1993	B	W	1	2
Pelagic Cormorant	14	7		N	2	Lowe/Zeringue	6/24/1991	B	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Anderson	5/11/1988	B	W	1	2
Pigeon Guillemot	5		5	B	L	Lowe/Zeringue	6/24/1991	B	W	3	2
Pigeon Guillemot	2		2	B	L	Lowe/Anderson	5/11/1988	B	W	3	2

Map on page 147



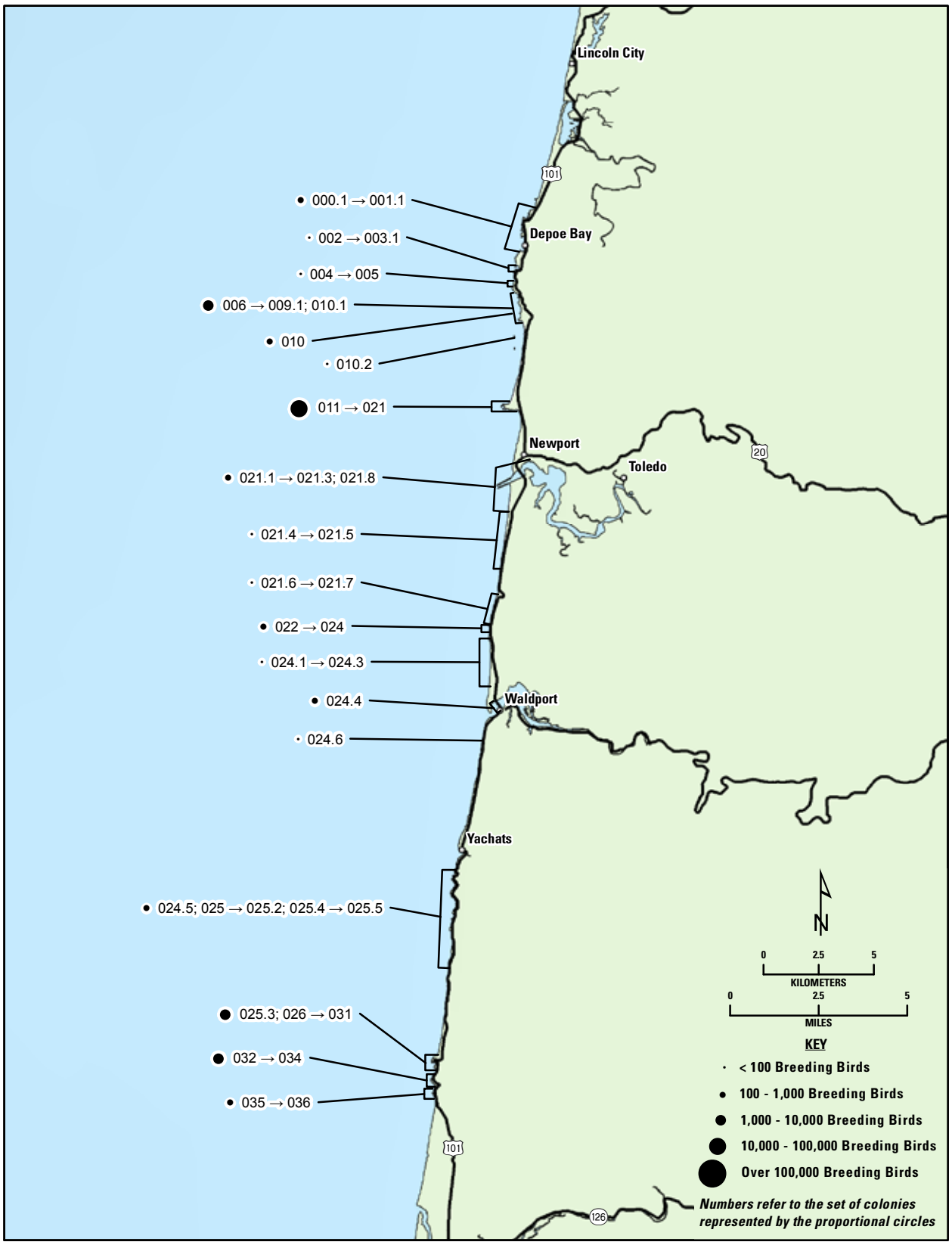
243
Newport

The map on the facing page is an index to the locations and relative sizes of seabird colonies within map 243, Newport, located along the north central Oregon coast. To reduce the complexity of this index, adjacent colonies are grouped together and the individual colonies in each group are indicated by the inclusive site numbers, separated by an arrow. On the pages following this map, all colonies are listed sequentially and a detailed map of each is provided.

Numbers of breeding seabirds will vary from year to year. Below are the most recent estimates of breeding seabirds within this region.

Leach's Storm-Petrel	112
Double-crested Cormorant	106
Brandt's Cormorant	5,974
Pelagic Cormorant	2,618
Black Oystercatcher	83
Western/Glaucous-winged Gull	1,527
Common Murre	72,128
Pigeon Guillemot	1,023
Cassin's Auklet	20
Rhinoceros Auklet	16
Tufted Puffin	33
TOTAL	**83,640**

Area Map 243—Newport



Area Map: 243 (Newport) **Colony Number: 243-000.1** **Boiler Bay**
Site Number: 000.1 **Lincoln County** **44° 49' 47" N, 124° 3' 33" W**

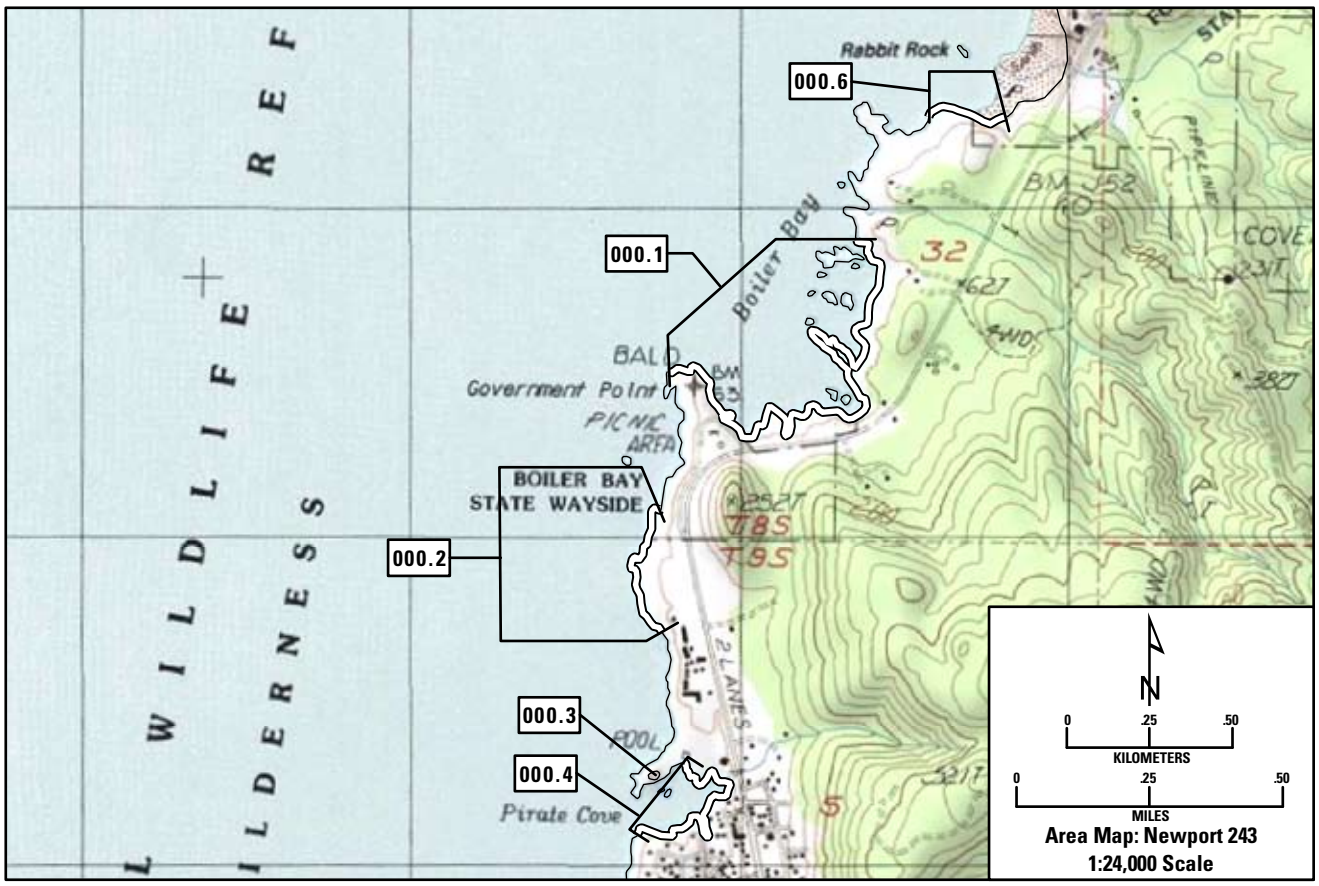
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pigeon Guillemot	24		24	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	6/29/1995	B	W	3	2
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	6/23/1993	B	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe	5/24/1988	M	W	1	2
Pigeon Guillemot	18		18	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Pigeon Guillemot	21		21	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Pigeon Guillemot	27		27	B	L	Matthews	7/11/1988	M	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Black Oystercatcher	1		1	B	L	Matthews	7/11/1988	M	W	3	2

Map on page 153

Area Map: 243 (Newport) **Colony Number: 243-000.2** **"Thunder Shores"**
Site Number: 000.2 **Lincoln County** **44° 49' 31" N, 124° 4' 5" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	0		0	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Black Oystercatcher	1		1	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Pigeon Guillemot	2		2	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Pigeon Guillemot	4		4	B	L	Lowe	5/24/1988	M	W	3	2
Black Oystercatcher	0		0	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2

Map on page 153


Rabbit Rock
000.6
000.1
Boiler Bay
BALD
Government Point
PICNIC AREA
BOILER BAY STATE WAYSIDE
000.2
000.3
000.4
Pirate Cove
POOL
2 LANES
WILDLIFE REF
ILDERNESS
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Newport 243
1:24,000 Scale

Area Map: 243 (Newport) **Colony Number: 243-000.3** **"Pirate Cove Rock"**
Site Number: 000.3 **Lincoln County** **44° 49' 11" N, 124° 4' 1" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin	7/8/2004	M	W	1	3
West./Glaucous-winged Gull	124	62		N	2	Lowe/Anderson	5/5/1988	C	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/21/2003	M	W	1	3
Pelagic Cormorant	32	16		N	2	Papish	8/7/2002	M	W	1	3
Pelagic Cormorant	46	23		N	2	Lowe/Nelson/Grafe	7/17/2001	B	W	1	2
Pelagic Cormorant	18	9		N	2	Pitkin/Lowe	7/9/2000	B	W	1	3
Pelagic Cormorant	32	16		N	2	Lowe/Pitkin	7/8/1999	B	W	1	2
Pelagic Cormorant	12	6		N	2	Pitkin	7/20/1998	M	W	1	3
Pelagic Cormorant	74	37		N	2	Lowe/Pitkin	7/2/1997	B	W	1	2
Pelagic Cormorant	32	16		N	2	Lowe/Pitkin	8/6/1996	M	W	1	2
Pelagic Cormorant	84	42		N	2	Lowe/Pitkin	6/29/1995	B	W	1	2
Pelagic Cormorant	58	29		N	2	Lowe/Pitkin	7/25/1994	B	W	1	2
Pelagic Cormorant	92	46		N	2	Lowe/Pitkin	6/23/1993	B,M	W	1	2
Pelagic Cormorant	84	42		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	56	28		N	2	Lowe	6/13/1991	M	W	1	2
Pelagic Cormorant	48	24		N	2	Lowe/Thounhurst	7/25/1990	B	W	1	2
Pelagic Cormorant	40	20		N	2	Lowe/Thounhurst	6/22/1989	B,M	W	1	2
Pelagic Cormorant	32	16		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	6/7/1993	M	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe	6/13/1991	M	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Thounhurst	6/20/1989	M	X	4	2
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	7/2/1997	B	W	3	2
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	6/7/1993	M	W	1	2
Black Oystercatcher	1		1	B	L	Lowe	6/13/1991	M	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Thounhurst	6/20/1989	M	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	5/5/1988	C	W	3	2

Map on page 153

Area Map: 243 (Newport) **Colony Number: 243-000.4** **Pirate Cove**
Site Number: 000.4 **Lincoln County** **44° 49' 7" N, 124° 3' 54" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	4	2		N	2	Pitkin	7/8/2004	M	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe	6/13/1991	M	W	1	2
Pigeon Guillemot	36		36	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/21/2003	M	W	1	3
Pelagic Cormorant	2	1		N	2	Papish	8/7/2002	M	W	1	3
Pelagic Cormorant	0	0		N	L	Lowe/Nelson/Grafe	7/17/2001	B	W	1	2
Pelagic Cormorant	2	1		N	2	Pitkin/Lowe	7/9/2000	B	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	7/8/1999	B	W	1	2
Pelagic Cormorant	0	0		N	L	Pitkin	7/20/1998	M	W	1	3
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/2/1997	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	8/6/1996	M	W	1	2
Pelagic Cormorant	10	5		N	2	Lowe/Pitkin	6/29/1995	B	W	1	2
Pelagic Cormorant	10	5		N	2	Lowe/Pitkin	7/25/1994	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/12/1993	B	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe	6/13/1991	M	W	1	2
Pelagic Cormorant	24	12		N	2	Lowe/Thounhurst	7/25/1990	B,M	W	1	2
Pelagic Cormorant	14	7		N	2	Lowe/Thounhurst	6/20/1989	B,M	W	1	2
West./Glaucous-winged Gull	0	0		N	L	Lowe/Pitkin	6/7/1993	M	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Thounhurst	6/12/1990	M	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Thounhurst	6/20/1989	M	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
Pigeon Guillemot	4		4	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Pigeon Guillemot	X			O	L	Lowe	6/13/1991	M	X	4	2
Pigeon Guillemot	26		26	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Pigeon Guillemot	23		23	B	L	Lowe/Thounhurst	7/10/1989	B	W	3	2
Pigeon Guillemot	35		35	B	L	Lowe/Anderson	5/5/1988	M	W	3	2

Map on page 153

Area Map: 243 (Newport) **Colony Number: 243-000.5** **"Depoe Bay North"**
Site Number: 000.5 **Lincoln County** **44° 48' 56" N, 124° 3' 51" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	10	5		N	2	Pitkin/Peters/Lowe	7/13/2004	B	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2
Pigeon Guillemot	16	1	16	B	L	Lowe/Thounhurst	7/25/1990	B,	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/15/2003	B	W	1	3
Pelagic Cormorant	0	0		N	L	Pitkin	7/20/1998	M	W	1	3
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	6/23/1993	B,M	W	1	2
Pigeon Guillemot	12	3	12	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Pigeon Guillemot	4		4	B	L	Lowe/Thounhurst	7/10/1989	B	W	3	2
Pigeon Guillemot	37		37	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2

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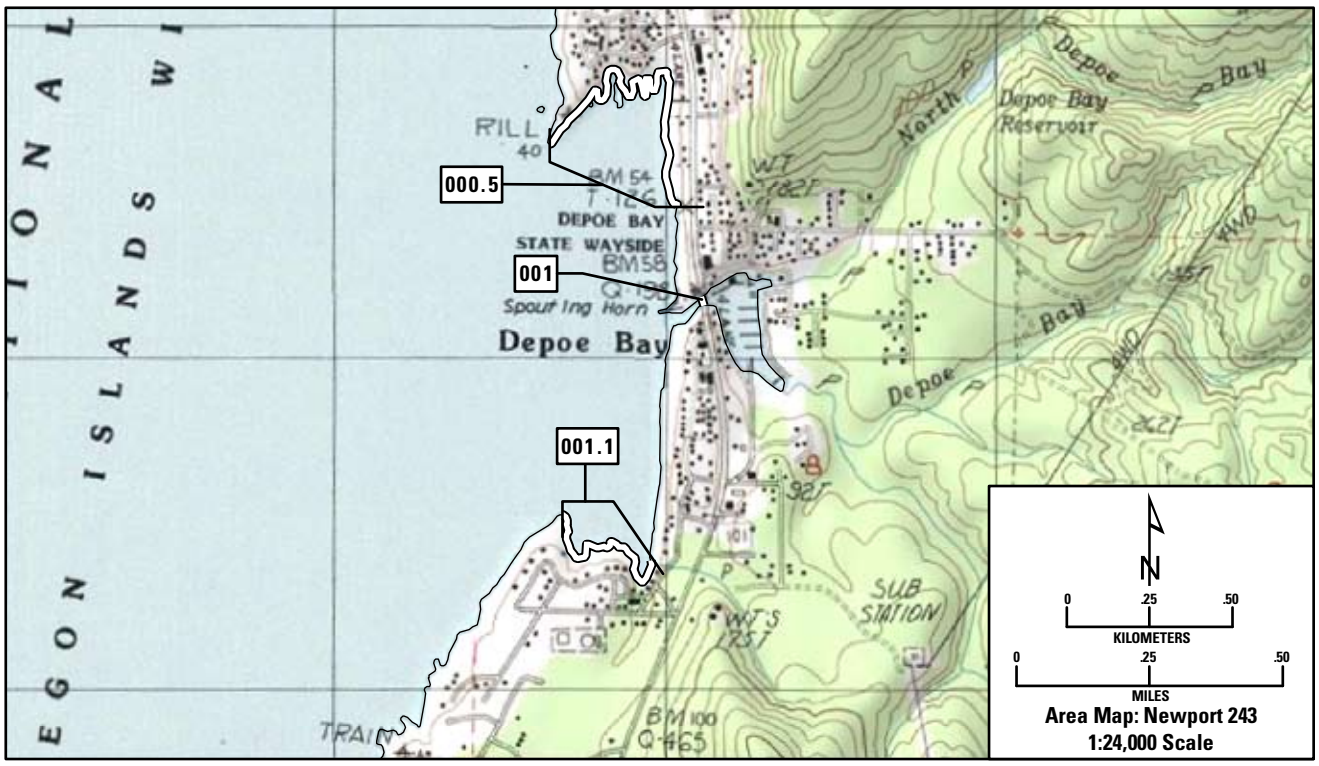
Area Map: 243 (Newport) **Colony Number: 243-000.6** **"Fogarty Creek South"**
Site Number: 000.6 **Lincoln County** **44° 50' 17" N, 124° 3' 19" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	6		6	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pigeon Guillemot	1		1	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Pigeon Guillemot	12	1	12	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2

Map on page 153


000.5
001
001.1
DEPOE BAY
STATE WAYSIDE
Spouting Horn
Depoe Bay
Depoe Bay Reservoir
North
SUB STATION
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Newport 243
1:24,000 Scale

Area Map: 243 (Newport) **Colony Number: 243-001** **"Depoe Bay Bridge"**
Site Number: 001 **Lincoln County** **44° 48' 35" N, 124° 3' 43" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin	7/8/2004	M	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Pitkin	7/8/2004	M	W	1	3
Pigeon Guillemot	29		29	B	L	Thounhurst	6/11/1990	M	W	3	2
Black Oystercatcher	2		2	B	L	Pitkin/Wells	7/21/2003	M	W	3	3
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/21/2003	M	W	1	3
Pelagic Cormorant	2	1		N	2	Thounhurst	6/11/1990	M	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Pitkin/Wells	7/21/2003	M	W	2	3
West./Glaucous-winged Gull	14	7		N	2	Lowe/Pitkin	6/7/1993	M	W	1	2
West./Glaucous-winged Gull	12	6		N	2	Lowe	6/13/1991	M	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Thounhurst	6/11/1990	M	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Thounhurst	6/22/1989	M	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Lowe	5/24/1988	M	W	1	2
Pigeon Guillemot	X			U	L	Pitkin	7/8/2004	M	X	4	3
Pigeon Guillemot	X			U	L	Pitkin/Wells	7/21/2003	M	X	4	3
Pigeon Guillemot	X			O	L	Lowe/Pitkin	6/7/1993	M	X	4	2
Pigeon Guillemot	X			O	L	Lowe	6/13/1991	M	X	4	2
Pigeon Guillemot	3		3	B	L	Lowe/Thounhurst	6/22/1989	M	W	3	2
Pigeon Guillemot	30		30	B	L	Lowe/Anderson	5/25/1988	M	W	3	2
Pigeon Guillemot	20		20	B	L	Pitman	6/23/1979	M	W	3	1
Pigeon Guillemot	X			U	L	USFWS	1968		X	4	4

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Area Map: 243 (Newport) **Colony Number: 243-001.1** **"Depoe Bay South"**
Site Number: 001.1 **Lincoln County** **44° 48' 11" N, 124° 3' 56" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/15/2003	B	W	1	3
Pigeon Guillemot	16		16	B	L	Lowe/Anderson/Matthews	7/8/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Anderson	7/8/1988	M	W	3	2
Pelagic Cormorant	8	4		N	2	Lowe/Anderson/Matthews	7/8/1988	B	W	1	2

Map on page 157

Black Oystercatcher *David Ledig*

Area Map: 243 (Newport)
Site Number: 002

Colony Number: 243-002
Lincoln County

"Whale Cove Rocks" (North)
44° 47' 27" N, 124° 4' 21" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	4	2		N	2	Pitkin/Peters/Lowe	7/13/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Thounhurst	7/25/1990	B	W	1	2
Pigeon Guillemot	9		9	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
West./Glaucous-winged Gull	4	2		N	2	Pitman/Graybill	6/27/1979	C	W	1	1
Pigeon Guillemot	7		7	B	L	Lowe	7/10/1989	M	W	3	2
Pigeon Guillemot	3		3	B	L	Lowe/Brown	5/20/1988	B	W	3	2
Pigeon Guillemot	3		3	B	L	Pitman/Graybill	6/27/1979	C	W	3	1
Black Oystercatcher	4	2		N	2	Pitman/Graybill	6/27/1979	C	W	1	1

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Area Map: 243 (Newport)
Site Number: 003

Colony Number: 243-003
Lincoln County

"Whale Cove Rocks" (South)
44° 47' 25" N, 124° 4' 22" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Thounhurst	7/25/1990	B,C	W	1	2
Pigeon Guillemot	6	1	6	B	L	Lowe/Thounhurst	7/25/1990	C	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
West./Glaucous-winged Gull	12	6		N	2	Lowe	7/10/1989	C	W	2	2
Pigeon Guillemot	3		3	B	L	Lowe	7/10/1989	C	W	3	2
Pigeon Guillemot	9		9	B	L	Lowe/Brown	5/20/1988	B	W	3	2
Pigeon Guillemot	3		3	B	L	Pitman/Graybill	6/27/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Thounhurst	7/25/1990	B	W	1	2
Black Oystercatcher	6	1	6	B	L	Lowe	7/10/1989	C	W	3	2
Black Oystercatcher	2		2	B	L	Matthews	7/11/1988	M	W	3	2

Map on page 161

Area Map: 243 (Newport) **Colony Number: 243-003.1** **Whale Cove**
Site Number: 003.1 **Lincoln County** **44° 47' 18" N, 124° 4' 3" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Matthews	7/11/1988	M	W	1	2
Pigeon Guillemot	15		15	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Black Oystercatcher	2		2	B	L	Matthews	7/11/1988	M	W	3	2
Pigeon Guillemot	7		7	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Pigeon Guillemot	10		10	B	L	Matthews	7/11/1988	M	W	3	2

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Area Map: 243 (Newport) **Colony Number: 243-004** **"Rocky Creek Cove"**
Site Number: 004 **Lincoln County** **44° 46' 39" N, 124° 4' 21" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	4	2		N	2	Pitkin/Peters/Lowe	7/13/2004	B	W	1	3
Pigeon Guillemot	3		3	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/17/2003	B	W	1	3
Pelagic Cormorant	8	4		N	2	Lowe/Nelson/Grafe	7/17/2001	B	W	1	2
Pelagic Cormorant	0	0		N	L	Pitkin/Lowe	7/9/2000	B	W	1	3
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/8/1999	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/15/1998	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/2/1997	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	8/6/1996	B	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	6/29/1995	B	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	7/25/1994	B	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Pitkin	6/23/1993	B,M	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	8	4		N	2	Lowe	6/13/1991	M	W	1	2
Pelagic Cormorant	8	4		N	2	Lowe/Thounhurst	7/25/1990	B,M	W	1	2
Pelagic Cormorant	12	6		N	2	Thounhurst	7/20/1989	M	W	1	2
Pelagic Cormorant	14	7		N	2	Lowe	5/24/1988	M	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman	6/23/1979	M	W	1	1
West./Glaucous-winged Gull	2	1		N	2	Pitman	6/23/1979	M	W	1	1
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Pigeon Guillemot	2	1		N	2	Lowe	6/18/1989	M	W	1	2
Pigeon Guillemot	4		4	B	L	Lowe/Anderson	5/5/1988	M	W	3	2
Pigeon Guillemot	4		4	B	L	Pitman/Graybill	6/27/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Pitman/Graybill	6/27/1979	B	W	3	1

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Area Map: 243 (Newport) **Colony Number: 243-005** **"Unnamed Colony"**
Site Number: 005 **Lincoln County** **44° 46' 32" N, 124° 4' 33" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Zeringue	6/21/1991	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
West./Glaucous-winged Gull	2		2	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Thounhurst	7/10/1989	B	W	2	2
Pigeon Guillemot	2		2	B	L	Lowe/Brown	5/20/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Pitman/Graybill	6/27/1979	B	W	3	1

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Area Map: 243 (Newport) **Colony Number: 243-006** **"Unnamed Colony"**
Site Number: 006 **Lincoln County** **44° 46' 6" N, 124° 4' 16" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	26	13		N	2	Pitkin/Peters/Lowe	7/13/2004	B	W	1	3
Pigeon Guillemot	6		6	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Black Oystercatcher	3		3	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/17/2003	B	W	1	3
Pelagic Cormorant	0	0		N	L	Pitkin/Koehler/Papish	7/16/2002	B	W	1	3
Pelagic Cormorant	0	0		N	L	Lowe/Nelson/Grafe	7/17/2001	B	W	1	2
Pelagic Cormorant	0	0		N	L	Pitkin/Lowe	7/9/2000	B	W	1	3
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/8/1999	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/15/1998	B	W	1	2
Pelagic Cormorant	34	17		N	2	Lowe/Pitkin	7/2/1997	B	W	1	2
Pelagic Cormorant	20	10		N	2	Lowe/Pitkin	8/6/1996	B	W	1	2
Pelagic Cormorant	108	54		N	2	Lowe/Pitkin	6/29/1995	B	W	1	2
Pelagic Cormorant	70	35		N	2	Lowe/Pitkin	7/25/1994	B	W	1	2
Pelagic Cormorant	92	46		N	2	Lowe/Pitkin	6/23/1993	B	W	1	2
Pelagic Cormorant	62	31		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	14	7		N	2	Lowe/Zeringue	6/21/1991	B	W	1	2
Pelagic Cormorant	30	15		N	2	Lowe/Thounhurst	7/25/1990	B	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Thounhurst	7/10/1989	B	W	1	2
Pelagic Cormorant	20	10		N	2	Lowe/Anderson/Matthews	6/21/1988	B	W	1	2
Pelagic Cormorant	22	11		N	2	Pitman	6/23/1979	M	W	2	1
West./Glaucous-winged Gull	2	1		N	2	Pitman	6/23/1979	M	W	1	1
Pigeon Guillemot	4		4	B	L	Lowe/Thounhurst	7/10/1989	B	W	3	2
Pigeon Guillemot	6		6	B	L	Lowe/Brown	5/20/1988	B	W	3	2
Pigeon Guillemot	10		10	B	L	Pitman	6/23/1979	M	W	3	1
Black Oystercatcher	4		4	B	L	Lowe/Anderson/Matthews	6/21/1988	B	W	3	2

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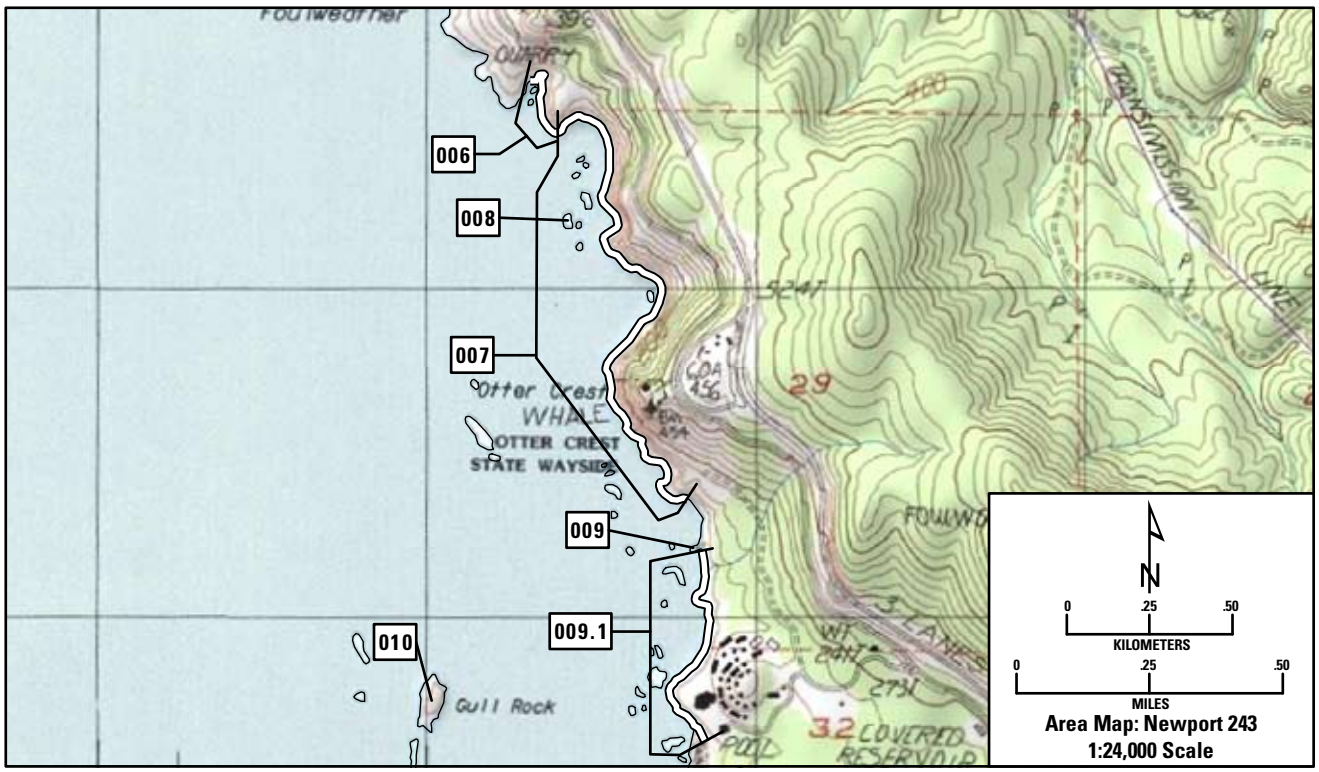

Area Map: 243 (Newport)
Site Number: 007

Colony Number: 243-007
Lincoln County

Otter Crest Headland
44° 45' 46" N, 124° 3' 59" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	958	479		N	2	Pitkin/Peters/Lowe	7/13/2004	B	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Lowe/Thounhurst	7/25/1990	B	W	1	2
Pigeon Guillemot	74		74	B	L	Pitkin/Peters/Lowe	7/13/2004	B	W	3	3
Rhinoceros Auklet	P			O	L	Lowe/Brown	5/20/1988	B	P	4	2
Tufted Puffin	1		1	B	L	Lowe/Collier	6/22/1994	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Pelagic Cormorant	472	236		N	2	Pitkin/Wells	7/17/2003	B	W	1	3
Pelagic Cormorant	432	216		N	2	Pitkin/Koehler/Papish	7/16/2002	B	W	1	3
Pelagic Cormorant	488	244		N	2	Lowe/Nelson/Grafe	7/17/2001	B	W	2	2
Pelagic Cormorant	440	220		N	2	Pitkin/Lowe	7/9/2000	B	W	1	3
Pelagic Cormorant	538	269		N	2	Lowe/Pitkin	7/8/1999	B	W	1	2
Pelagic Cormorant	136	68		N	2	Lowe/Pitkin	7/15/1998	B	W	1	2
Pelagic Cormorant	362	181		N	2	Lowe/Pitkin	7/2/1997	B	W	1	2
Pelagic Cormorant	316	158		N	2	Lowe/Pitkin	8/6/1996	B	W	1	2
Pelagic Cormorant	580	290		N	2	Lowe/Pitkin	6/29/1995	B	W	1	2

Colony 243-007 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	766	383		N	2	Lowe/Pitkin	6/22/1994	B	W	1	2
Pelagic Cormorant	578	289		N	2	Lowe/Pitkin	6/23/1993	B,M	W	1	2
Pelagic Cormorant	546	273		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	834	417		N	2	Lowe/Zeringue	6/21/1991	B	W	1	2
Pelagic Cormorant	952	476		N	2	Lowe/Thounhurst	7/25/1990	B	W	1	2
Pelagic Cormorant	130	65		N	2	Lowe/Thounhurst	7/10/1989	B	W	1	2
Pelagic Cormorant	832	416		N	2	Lowe/Anderson/Matthews	6/21/1988	B	W	1	2
Pelagic Cormorant	898	449		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
West./Glaucous-winged Gull	X			O	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	X	4	2
West./Glaucous-winged Gull	14	7		N	2	Lowe/Thounhurst	7/10/1989	B	W	2	2
West./Glaucous-winged Gull	20	10		N	2	Lowe/Brown	5/20/1988	B	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
Pigeon Guillemot	70		70	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Pigeon Guillemot	26		26	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Pigeon Guillemot	71		71	B	L	Lowe/Zeringue	6/21/1991	B	W	3	2
Pigeon Guillemot	164		164	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Pigeon Guillemot	118		118	B	L	Lowe/Thounhurst	7/10/1989	B	W	3	2
Pigeon Guillemot	153		153	B	L	Lowe/Brown	5/20/1988	B	W	3	2
Pigeon Guillemot	110		110	B	L	Pitman/Graybill	6/27/1979	B	W	3	1
Rhinoceros Auklet	X			U	L	Pitman/Graybill	6/27/1979	B	X	4	1
Tufted Puffin	1		1	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Tufted Puffin	1		1	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2
Tufted Puffin	5		5	B	L	Lowe/Zeringue	6/21/1991	B	W	3	2
Tufted Puffin	1		1	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Tufted Puffin	3		3	B	L	Lowe/Thounhurst	7/10/1989	B	W	3	2
Tufted Puffin	8		8	B	L	Lowe/Brown	5/20/1988	B	W	3	2
Tufted Puffin	50			B	L	Pitman/Graybill	6/27/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Brown	5/20/1988	B	W	3	2
Black Oystercatcher	3		3	B	L	Pitman/Graybill	6/27/1979	B	W	3	1

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Area Map: 243 (Newport) **Colony Number: 243-008** **"Unnamed Colony"**
Site Number: 008 **Lincoln County** **44° 45' 54" N, 124° 4' 12" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Peters/Lowe	7/13/2004	B	W	1	3
West./Glaucous-winged Gull	38	19		N	2	Lowe	7/10/1989	C	W	2	2
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	6/29/1995	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/17/2003	B	W	1	3
Pelagic Cormorant	18	9		N	2	Pitkin/Koehler/Papish	7/16/2002	B	W	1	3
Pelagic Cormorant	10	5		N	2	Lowe/Nelson/Grafe	7/17/2001	B	W	1	2
Pelagic Cormorant	0	0		N	L	Pitkin/Lowe	7/9/2000	B	W	1	3
Pelagic Cormorant	14	7		N	2	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	1	2
Pelagic Cormorant	14	7		N	2	Lowe/Zeringue	6/21/1991	B	W	1	2
West./Glaucous-winged Gull	X			O	L	Pitkin/Peters/Lowe	7/13/2004	B	X	4	3
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/8/1999	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/2/1997	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	6/29/1995	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Collier	6/22/1994	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	6/23/1993	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Zeringue	6/21/1991	B	X	4	2
West./Glaucous-winged Gull	34	17		N	2	Lowe	5/20/1988	C	W	1	2
West./Glaucous-winged Gull	30	15		N	2	Pitman	6/23/1979	M	W	1	1
Black Oystercatcher	0	0	0	B	L	Lowe/Pitkin	7/2/1997	B	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	7/25/1994	B	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/21/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Morrissey/Heimgartner	6/30/1992	B	W	3	2

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Area Map: 243 (Newport) **Colony Number: 243-009** **"Unnamed Colony"**
Site Number: 009 **Lincoln County** **44° 45' 22" N, 124° 3' 53" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/17/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Thounhurst	7/26/1990	M	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Thounhurst	7/25/1990	B	W	1	2
Pelagic Cormorant	2	1		N	2	Pitman	6/23/1979	M	W	1	1
West./Glaucous-winged Gull	2	1		N	2	Lowe/Thounhurst	7/10/1989	B	W	2	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Brown	5/20/1988	B	W	1	2

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Area Map: 243 (Newport)
Site Number: 009.1

Colony Number: 243-009.1
Lincoln County

"Unnamed Colony"
44° 45' 12" N, 124° 3' 52" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/17/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Thounhurst	7/26/1990	C	W	1	2
Pigeon Guillemot	41	14	41	B	L	Thounhurst	7/26/1990	C	W	3	2
Black Oystercatcher	2		2	B	L	Thounhurst	7/26/1990	C	W	3	2
Pelagic Cormorant	2	1		N	2	Lowe/Thounhurst	7/10/1989	B	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Thounhurst	7/10/1989	B	W	2	2
Pigeon Guillemot	40		40	B	L	Lowe/Anderson	5/17/1988	M	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Anderson	5/17/1988	M	W	3	2

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Gull Rock (243-010) June 10, 1994 *David S. Pitkin*

Area Map: 243 (Newport) **Colony Number: 243-010** **Gull Rock**
Site Number: 010 **Lincoln County** **44° 45' 7" N, 124° 4' 30" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Peters/Lowe	7/13/2004	B	W	1	3
Brandt's Cormorant	522	261		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	72	36		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	0		0	B	L	Pitkin/Ledig	6/12/2004	AP	W	1	3
Pigeon Guillemot	16		16	B	L	Lowe/Pitkin	6/29/1995	B	W	3	2
Tufted Puffin	1		1	B	L	Lowe/Pitkin	6/29/1995	B	W	3	2
Black Oystercatcher	4	1	4	B	L	Pitkin/Peters/Lowe	7/13/2004	B	W	3	3
Unidentified Cormorant	240		240	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	300		300	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	75		75	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	135		135	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	400		400	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	400		400	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	1,700		1,700	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	1,500		1,500	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	200		200	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	200		200	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Unidentified Cormorant	1,000		1,000	B	L	Marshall/Glahn	5/14/1963	A	T	3	4
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/17/2003	B	W	1	3
Pelagic Cormorant	0	0		N	L	Pitkin/Koehler/Papish	7/16/2002	B	W	1	3
Pelagic Cormorant	6	3		N	2	Lowe/Nelson/Grafe	7/17/2001	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/8/1999	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/15/1998	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/2/1997	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	6/29/1995	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Collier	6/22/1994	B	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	6/23/1993	B	W	1	2
Pelagic Cormorant	X			U	L	Prill	1901	M	X	4	6
Brandt's Cormorant	56	28		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	422	211		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	312	156		N	2	Pitkin/Lowe	6/6/2001	AP	W	1	3
Brandt's Cormorant	270	135		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	112	56		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	114	57		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	286	143		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	392	196		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	632	316		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	792	396		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	636	318		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2

Colony 243-010 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	676	338		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	700	350		N	2	Lowe/Naughton	6/5/1991	AP	W	1	2
Brandt's Cormorant	970	485		N	2	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	750	375		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	558	279		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	670	335		N	2	Pitman	7/16/1979	AP	W	2	1
Brandt's Cormorant	100		100	B	L	Griffee	6/10/1938	M	T	4	12
West./Glaucous-winged Gull	50	25		N	2	Pitman/Graybill	6/27/1979	B	W	2	1
West./Glaucous-winged Gull	300		300	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	7/1/1969	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
West./Glaucous-winged Gull	20		20	B	L	Griffee	6/10/1938	M	T	4	12
West./Glaucous-winged Gull	X			U	L	Braly	5/29/1934	M	X	4	12
West./Glaucous-winged Gull	X			U	L	Braly	6/4/1933	M	X	4	12
West./Glaucous-winged Gull	X			U	L	Griffee	5/30/1932	M	X	4	12
West./Glaucous-winged Gull	X			O	L	Bretherton	6/2/1901	M	X	4	6
West./Glaucous-winged Gull	X			O	L	Prill	1901	M	X	4	6
West./Glaucous-winged Gull	10		10	B	L	Bretherton	6/2/1900	M	T	4	6
Glaucous-winged Gull	X			U	L	Prill	1901	M	X	4	6
Common Murre	0		0	B	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
Common Murre	0		0	B	L	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	0		0	B	L	Pitkin/Lowe	6/6/2001	AP	W	1	3
Common Murre	25		15	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	58		35	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	503		301	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	11,488		6,879	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	12,647		7,573	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	21,732		13,013	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Pitkin	7/25/1994	B	W	2	2
Common Murre	18,834		11,278	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Lowe	4/28/1994	M	W	2	2
Common Murre	14,447		8,651	B	1.67	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	19546		11,704	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	20446		12,243	B	1.67	Lowe/Naughton	6/5/1991	AP	W	2	2

Colony 243-010 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	24,010		14,377	B	1.67	Lowe/Naughton	6/14/1990	AP	W	2	2
Common Murre	23,746		14,219	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	22,929		13,730	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	5,344		3,200	B	1.67	Pitman	7/16/1979	AP	W	2	1
Common Murre	1,800		1,800	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	3,000		3,000	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	3000		3,000	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	1,100		1,100	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	3,000		3,000	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	2,400		2,400	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	1,900		1,900	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	2,000		2,000	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	1,200		1,200	B	L	Rodgers/Glahn	7/1/1969	A	Y	3	4
Common Murre	1800		1,800	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	5,000		5,000	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	1,500		1,500	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	2,000		2,000	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Common Murre	1,000		1,000	B	L	Marshall/Glahn	5/14/1963	A	T	3	4
Common Murre	X			U	L	Prill	1901	M	X	4	6
Pigeon Guillemot	14		14	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Pigeon Guillemot	13		13	B	L	Lowe/Heimgartner	6/24/1992	B	W	3	2
Pigeon Guillemot	16		16	B	L	Lowe/Zeringue	6/21/1991	B	W	3	2
Pigeon Guillemot	15		15	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Pigeon Guillemot	10		10	B	L	Lowe/Thounhurst	7/10/1989	B	W	3	2
Pigeon Guillemot	20		20	B	L	Lowe/Brown	5/20/1988	B	W	3	2
Pigeon Guillemot	15		15	B	L	Pitman/Graybill	6/27/1979	B	W	3	1
Pigeon Guillemot	X			U	L	Prill	1901	M	X	4	6
Cassin's Auklet	X			U	L	Braly	6/2/1929	M	X	4	10
Tufted Puffin	2		2	B	L	Lowe	5/21/1997	M	W	3	2
Tufted Puffin	0	0	0	B	L	Lowe/Pitkin	7/25/1994	B	W	1	2
Tufted Puffin	2	1		N	2	Lowe/Heimgartner	6/24/1992	B	W	2	2
Tufted Puffin	5		5	B	L	Lowe/Thounhurst	7/10/1989	B	W	3	2
Tufted Puffin	6			B	L	Lowe/Brown	5/20/1988	B	W	3	2
Tufted Puffin	4			B	L	Pitman/Graybill	6/27/1979	B	W	3	1
Tufted Puffin	4		4	B	L	USFWS	6/26/1972	A	W	4	4
Tufted Puffin	X			U	L	Griffee	6/10/1938	M	X	4	12
Tufted Puffin	X			U	L	Braly	6/2/1933	M	X	4	12
Tufted Puffin	X			U	L	Prill	1901	M	X	4	6
Tufted Puffin	X			U	L	Bretherton	6/2/1900	M	X	4	6
Black Oystercatcher	1		1	B	L	Pitkin/Koehler/Papish	7/16/2002	B	W	3	3

Colony 243-010 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Black Oystercatcher	3		3	B	L	Lowe/Pitkin	7/8/1999	B	W	3	2
Black Oystercatcher	3		3	B	L	Lowe/Pitkin	7/2/1997	B	W	3	2
Black Oystercatcher	5	1	5	B	L	Lowe/Pitkin	8/6/1996	B	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	6/29/1995	B	W	2	2
Black Oystercatcher	2		2	B	L	Lowe/Collier	6/22/1994	B	W	3	2
Black Oystercatcher	3		3	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Black Oystercatcher	3		3	B	L	Lowe/Heimgartner	6/24/1992	B	W	3	2
Black Oystercatcher	3		3	B	L	Lowe/Zeringue	6/21/1991	B	W	3	2
Black Oystercatcher	3		3	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Thounhurst	7/10/1989	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Brown	5/20/1988	B	W	3	2
Black Oystercatcher	3		3	B	L	Pitman/Graybill	6/27/1979	B	W	3	1
Black Oystercatcher	X			U	L	Braly	6/2/1933	M	X	4	12
Black Oystercatcher	X			U	L	Prill	1901	M	X	4	6

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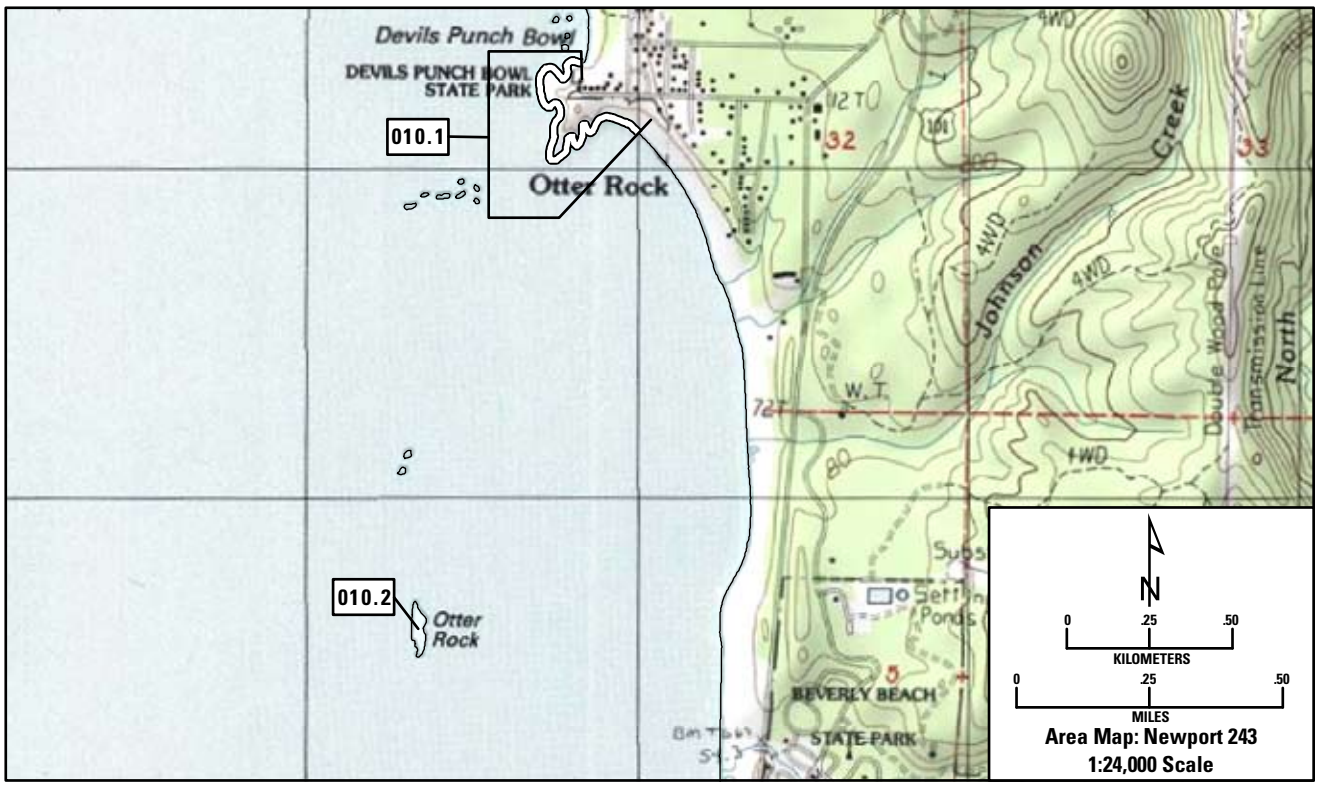
Area Map: 243 (Newport)
Site Number: 010.1

Colony Number: 243-010.1
Lincoln County

Devils Punch Bowl
44° 44' 45" N, 124° 3' 56" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Pitkin	6/23/1993	B,C	W	1	2
Pigeon Guillemot	17	5	17	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst	7/25/1990	B	W	3	2
Pigeon Guillemot	40		40	B	L	Lowe/Anderson	5/17/1988	M	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	5/17/1988	M	W	3	2

Map on page 173



Area Map: 243 (Newport) **Colony Number: 243-010.2** **Otter Rock**
Site Number: 010.2 **Lincoln County** **44° 43' 57" N, 124° 4' 14" W**

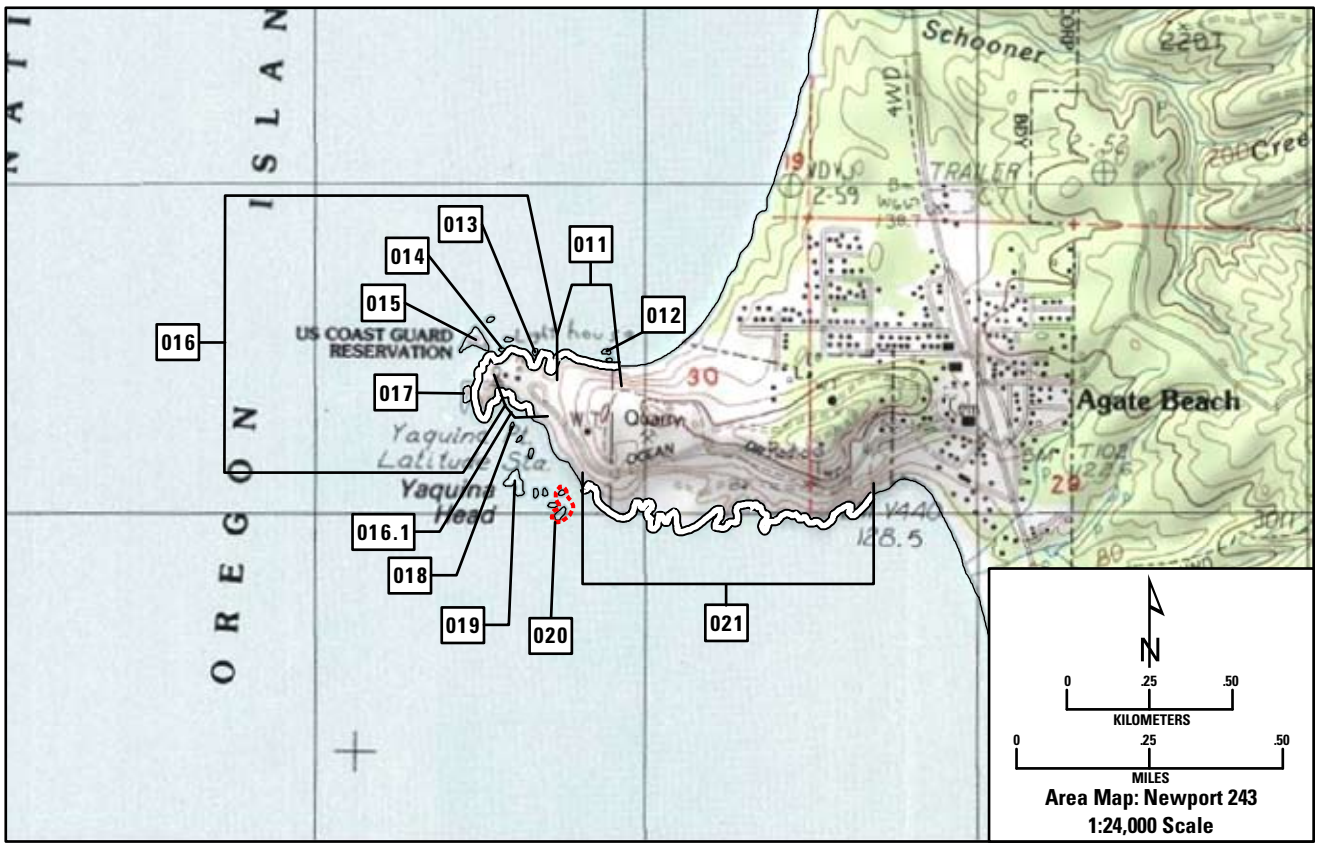
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Thounhurst	7/25/1990	B,C	W	1	2
Black Oystercatcher	1		1	B	L	Lowe/Zeringue	6/21/1991	B	W	3	2
Seabirds	X			O	L	Lowe/Pitkin	7/2/1997	B	X	4	2
Seabirds	X			O	L	Lowe/Pitkin	7/25/1994	B	X	4	2

Map on page 173

Area Map: 243 (Newport) **Colony Number: 243-011** **"Unnamed Colony"**
Site Number: 011 **Lincoln County** **44° 40' 38" N, 124° 4' 27" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	188	94		N	2	Pitkin/Lowe	7/12/2004	B	W	1	3
West./Glaucous-winged Gull	0	0		N	L	Lowe/Lowe	7/3/1996	M	W	1	2
Pigeon Guillemot	1		1	B	L	Lowe/Lowe	7/3/1996	M	W	3	2
Rhinoceros Auklet	X			O	L	Lowe/Pitkin	7/6/1994	M	X	4	2
Tufted Puffin	2		2	B	L	Lowe/Pitkin	7/6/1994	M	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/2/1997	B	W	3	2
Pelagic Cormorant	66	33		N	2	Pitkin/Wells	7/17/2003	B	W	1	3
Pelagic Cormorant	116	58		N	2	Pitkin/Koehler/Lowe	7/19/2002	M	W	1	3
Pelagic Cormorant	50	25		N	2	Lowe/Nelson/Grafe	7/17/2001	B	W	1	2
Pelagic Cormorant	0	0		N	L	Pitkin/Lowe	7/6/2000	B	W	1	3
Pelagic Cormorant	26	13		N	2	Lowe	7/13/1999	M	W	1	2
Pelagic Cormorant	18	9		N	2	Lowe/Pitkin	7/15/1998	B	W	1	2
Pelagic Cormorant	158	79		N	2	Lowe	7/7/1997	M	W	1	2
Pelagic Cormorant	134	67		N	2	Lowe/Lowe	7/3/1996	M	W	1	2
Pelagic Cormorant	174	87		N	2	Lowe/Pitkin	6/30/1995	M	W	1	2
Pelagic Cormorant	230	115		N	2	Lowe/Pitkin	7/6/1994	M	W	1	2
Pelagic Cormorant	202	101		N	2	Lowe/Pitkin	6/7/1993	M	W	1	2
Pelagic Cormorant	224	112		N	2	Lowe/Heimgartner	6/3/1992	M	W	1	2
Pelagic Cormorant	204	102		N	2	Lowe	6/26/1991	M	W	1	2
Pelagic Cormorant	240	120		N	2	Lowe/Thounhurst	6/13/1990	M	W	1	2
Pelagic Cormorant	84	42		N	2	Lowe/Thounhurst	6/20/1989	M	W	1	2
Pelagic Cormorant	220	110		N	2	Lowe/Anderson/Matthews	6/21/1988	B	W	1	2
Pelagic Cormorant	64	32		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
West./Glaucous-winged Gull	2	1		N	2	Lowe	7/7/1997	M	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/6/1994	M	X	4	2
West./Glaucous-winged Gull	6	3		N	2	Lowe/Pitkin	6/7/1993	M	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Lowe/Heimgartner	6/3/1992	M	W	1	2
West./Glaucous-winged Gull	12	6		N	2	Lowe	6/26/1991	M	W	1	2
West./Glaucous-winged Gull	12	6		N	2	Lowe/Thounhurst	6/13/1990	M	W	1	2
West./Glaucous-winged Gull	18	9		N	2	Lowe/Thounhurst	6/20/1989	B,M	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson	5/17/1988	M	W	1	2
Pigeon Guillemot	X			O	L	Lowe/Pitkin	7/6/1994	M	X	4	2
Pigeon Guillemot	6		6	B	L	Lowe/Heimgartner	6/3/1992	M	W	3	2
Pigeon Guillemot	4		4	B	L	Lowe/Anderson	5/12/1988	M	W	3	2
Tufted Puffin	2		2	B	L	Lowe/Heimgartner	6/3/1992	M	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	7/3/1993	M	W	1	2

Map on page 175



Yaquina Head Colonies (243-011 to 243-018) including "Colony Rock" (243-015; center front) June 9, 2003

Roy W. Lowe

Area Map: 243 (Newport) **Colony Number: 243-012** **"Unnamed Colony"**
Site Number: 012 **Lincoln County** **44° 40' 39" N, 124° 4' 31" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	10	5		N	2	Pitkin/Lowe	7/12/2004	B	W	1	3
Brandt's Cormorant	8	4		N	2	Pitkin/Lowe	7/17/2003	B	W	1	3
West./Glaucous-winged Gull	0	0		N	L	Lowe	7/13/1999	M	W	1	2
Pigeon Guillemot	2	1		N	2	Lowe	7/13/1999	C	W	1	2
Black Oystercatcher	2		2	B	L	Pitkin/Koehler/Lowe	7/19/2002	M	W	3	3
Pelagic Cormorant	6	3		N	2	Pitkin/Wells	7/17/2003	B	W	1	3
Pelagic Cormorant	32	16		N	2	Pitkin/Koehler/Lowe	7/19/2002	B	W	1	3
Pelagic Cormorant	0	0		N	L	Lowe/Nelson/Grafe	7/17/2001	B	W	1	2
Pelagic Cormorant	2	1		N	2	Pitkin/Lowe	7/6/2000	B	W	1	3
Pelagic Cormorant	22	11		N	2	Lowe	7/13/1999	M	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	7/15/1998	B	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe	7/7/1997	M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Lowe	7/3/1996	M	W	1	2
Pelagic Cormorant	28	14		N	2	Lowe/Pitkin	6/30/1995	M	W	1	2
Pelagic Cormorant	18	9		N	2	Lowe	7/26/1994	M	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	6/7/1993	M	W	1	2
Pelagic Cormorant	30	15		N	2	Lowe	6/26/1991	B,M	W	1	2
Pelagic Cormorant	28	14		N	2	Lowe/Thounhurst	7/3/1990	B,M	W	2	2
Pelagic Cormorant	20	10		N	2	Lowe/Anderson/Matthews	6/21/1988	B	W	1	2
Brandt's Cormorant	12	6		N	2	Pitkin/Koehler/Lowe	7/19/2002	B	W	2	3
Brandt's Cormorant	24	12		N	2	Lowe	7/13/1999	M	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Lowe	7/7/1997	M	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Lowe	7/3/1996	M	X	4	2
West./Glaucous-winged Gull	6	3		N	2	Lowe/Pitkin	6/30/1995	M	W	2	2
West./Glaucous-winged Gull	6	3		N	2	Lowe/Pitkin	7/6/1994	M	W	2	2
West./Glaucous-winged Gull	10	5		N	2	Lowe/Pitkin	6/7/1993	M	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Lowe/Heimgartner	6/3/1992	B,M	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Lowe	6/26/1991	B,M	W	1	2
West./Glaucous-winged Gull	8	4		N	2	Lowe/Thounhurst	6/12/1990	M	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Lowe/Thounhurst	6/22/1989	M	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson	5/17/1988	M	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Varoujean	6/8/1979	M	W	2	1
Pigeon Guillemot	1		1	B	L	Lowe	7/7/1997	M	W	2	2
Pigeon Guillemot	4	2		N	2	Lowe/Lowe	7/3/1996	C	W	1	2
Pigeon Guillemot	4	2	3	N	2	Lowe/Pitkin	7/6/1994	M	W	2	2
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	6/7/1993	M	W	3	2
Pigeon Guillemot	4		4	B	L	Lowe/Heimgartner	6/3/1992	M	W	3	2
Pigeon Guillemot	7		7	B	L	Lowe	6/26/1991	B,M	W	3	2
Pigeon Guillemot	3		3	B	L	Lowe/Thounhurst	6/12/1990	M	W	3	2

Colony 243-012 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	1		1	B	L	Lowe/Thounhurst	6/20/1989	M	W	3	2
Black Oystercatcher	2	1		N	2	Lowe/Nelson/Grafe	7/17/2001	B	W	1	2
Black Oystercatcher	2		2	B	L	Pitkin/Lowe	7/6/2000	B	W	3	3
Black Oystercatcher	0	0		N	L	Lowe	7/13/1999	M	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	7/15/1998	B	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe	7/7/1997	M	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Lowe	7/3/1996	M	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	6/30/1995	M	W	1	2
Black Oystercatcher	2	1	3	N	2	Lowe/Pitkin	7/6/1994	M	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	6/7/1993	M	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Heimgartner	6/3/1992	M	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe	6/26/1991	B,M	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Thounhurst	6/12/1990	M	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst	6/20/1989	M	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Anderson	5/17/1988	M	W	1	2
Black Oystercatcher	2	1		N	2	Varoujean	6/8/1979	M	W	1	1

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Area Map: 243 (Newport) **Colony Number: 243-013** **"Unnamed Colony"**
Site Number: 013 **Lincoln County** **44° 40' 39" N, 124° 4' 41" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	16	8		N	2	Pitkin/Lowe	7/12/2004	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe	7/13/1999	M	W	1	2
Common Murre	2		1	B	L	Lowe	7/13/1999	M	W	2	2
Pigeon Guillemot	5		5	B	L	Lowe/Heimgartner	6/3/1992	M	W	3	2
Pelagic Cormorant	14	7		N	2	Pitkin/Wells	7/17/2003	B	W	2	3
Pelagic Cormorant	2	1		N	2	Pitkin/Koehler/Lowe	7/19/2002	B	W	1	3
Pelagic Cormorant	42	21		N	2	Lowe/Nelson/Grafe	7/17/2001	B	W	1	2
Pelagic Cormorant	44	22		N	2	Pitkin/Lowe	7/7/2000	B,M	W	1	3
Pelagic Cormorant	62	31		N	2	Lowe	7/13/1999	B,M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/15/1998	B	W	1	2
Pelagic Cormorant	22	11		N	2	Lowe/Pitkin	7/2/1997	B	W	1	2
Pelagic Cormorant	64	32		N	2	Lowe/Pitkin/Lowe	7/3/1996	B	W	2	2
Pelagic Cormorant	48	24		N	2	Lowe/Pitkin	6/28/1995	B	W	1	2
Pelagic Cormorant	66	33		N	2	Lowe/Collier	6/22/1994	B,M	W	1	2
Pelagic Cormorant	14	7		N	2	Lowe/Pitkin	6/23/1993	B	W	1	2
Pelagic Cormorant	30	15		N	2	Lowe/Heimgartner	6/3/1992	B,M	W	1	2
Pelagic Cormorant	46	23		N	2	Lowe/Thounhurst	7/3/1990	B,M	W	1	2
Pelagic Cormorant	12	6		N	2	Lowe/Thounhurst	6/22/1989	B,M	W	1	2
Pelagic Cormorant	44	22		N	2	Lowe/Anderson	6/22/1988	M	W	1	2
Pelagic Cormorant	2	1		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
Brandt's Cormorant	X			O	L	Lowe/Nelson/Grafe	7/17/2001	B	X	4	2
Brandt's Cormorant	22	11		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	16	8		N	2	Lowe	7/13/1999	M	W	1	2
Brandt's Cormorant	28	14		N	2	Lowe/Pitkin/Lowe	7/3/1996	B	W	2	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Heimgartner	6/3/1992	M	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe	6/26/1991	M	W	1	2
West./Glaucous-winged Gull	8	4		N	2	Lowe/Thounhurst	6/12/1990	M	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Thounhurst	6/22/1989	M,B	W	1	2
West./Glaucous-winged Gull	8	4		N	2	Lowe	6/1/1988	M	W	1	2
West./Glaucous-winged Gull	8	4		N	2	Varoujean	6/8/1979	M	W	1	1
Pigeon Guillemot	6		6	B	L	Lowe	6/26/1991	M	W	3	2
Pigeon Guillemot	3		3	B	L	Lowe/Thounhurst	6/12/1990	M	W	3	2
Pigeon Guillemot	3		3	B	L	Lowe/Thounhurst	6/22/1989	M	W	3	2
Pigeon Guillemot	8		8	B	L	Lowe/Anderson	5/17/1988	M	W	3	2
Pigeon Guillemot	10		10	B	L	Varoujean	6/8/1979	M	W	3	1

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Area Map: 243 (Newport)
Site Number: 014

Colony Number: 243-014
Lincoln County

"Unnamed Colony"
44° 40' 39" N, 124° 4' 45" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	8	4		N	2	Pitkin	7/8/2004	B,M	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Pitkin	6/30/1995	M	W	1	2
Common Murre	2		1	B	L	Lowe	7/13/1999	M	W	2	2
Pigeon Guillemot	6	3		N	2	Lowe	6/13/1991	M	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst	7/3/1990	B	W	3	2
Pelagic Cormorant	10	5		N	2	Pitkin/Wells	6/24/2003	B,M	W	1	3
Pelagic Cormorant	12	6		N	2	Pitkin/Koehler/Lowe	7/19/2002	B	W	1	3
Pelagic Cormorant	14	7		N	2	Pitkin/Lowe/Nelson/Grafe	7/10/2001	B,M	W	1	3
Pelagic Cormorant	6	3		N	2	Pitkin/Lowe	7/7/2000	B,M	W	1	3
Pelagic Cormorant	16	8		N	2	Lowe	7/13/1999	B,M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe	7/16/1998	B,M	W	1	2
Pelagic Cormorant	32	16		N	2	Lowe	7/7/1997	B,M	W	1	2
Pelagic Cormorant	30	15		N	2	Lowe	7/9/1996	M	W	1	2
Pelagic Cormorant	40	20		N	2	Lowe/Pitkin	6/30/1995	M	W	1	2
Pelagic Cormorant	8	4		N	2	Lowe/Collier	6/22/1994	B	W	1	2
Pelagic Cormorant	34	17		N	2	Lowe	6/16/1994	M	W	1	2
Pelagic Cormorant	24	12		N	2	Lowe/Pitkin	6/23/1993	B,M	W	1	2
Pelagic Cormorant	54	27		N	2	Lowe/Heimgartner	6/3/1992	B,M	W	1	2
Pelagic Cormorant	50	25		N	2	Lowe	6/13/1991	B,M	W	1	2
Pelagic Cormorant	50	25		N	2	Lowe/Thounhurst	6/12/1990	M	W	1	2
Pelagic Cormorant	46	23		N	2	Lowe/Thounhurst	6/22/1989	B,M	W	1	2
Pelagic Cormorant	60	30		N	2	Lowe/Anderson/Matthews	6/21/1988	B,M	W	1	2
Brandt's Cormorant	50	25		N	2	Pitkin/Lowe	6/8/2001	AP	W	1	3
Brandt's Cormorant	86	43		N	2	Pitkin/Lowe	6/16/2000	AP	W	2	3
Brandt's Cormorant	100	50		N	2	Lowe	7/13/1999	B,M	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe	7/16/1998	M	W	1	2
Brandt's Cormorant	90	45		N	2	Lowe	7/9/1996	B,M	W	1	2
Brandt's Cormorant	60	30		N	2	Lowe/Pitkin	6/30/1995	M	W	1	2
Brandt's Cormorant	32	16		N	2	Lowe	6/16/1994	M	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Lowe/Pitkin	6/7/1993	M	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe	6/13/1991	M	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Thounhurst	6/22/1989	M	W	1	2
West./Glaucous-winged Gull	8	4		N	2	Lowe/Anderson	5/17/1988	M	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Pitman	6/23/1979	M	W	2	1
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	6/7/1993	M	W	3	2
Pigeon Guillemot	2		2	B	L	Lowe/Thounhurst	6/22/1989	M,B	W	3	2
Pigeon Guillemot	5		5	B	L	Lowe/Anderson	5/17/1988	M	W	3	2
Pigeon Guillemot	10		10	B	L	Pitman	6/23/1979	M	W	3	1

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Area Map: 243 (Newport) **Colony Number: 243-015** **"Colony Rock"**
Site Number: 015 **Lincoln County** **44° 40' 40" N, 124° 4' 49" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	16	8		N	2	Pitkin	7/8/2004	M	W	1	3
Brandt's Cormorant	1,172	586		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	32	16		N	2	Lowe	6/13/1991	M	W	1	2
Common Murre	49,454		29,613	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	6		6	B	L	Lowe/Heimgartner	6/3/1992	M	W	3	2
Tufted Puffin	2	1		N	2	Lowe/Collier	6/22/1994	B	W	2	2
Black Oystercatcher	2		2	B	L	Lowe/Collier	6/22/1994	B	W	3	2
Pelagic Cormorant	18	9		N	2	Pitkin/Wells	6/24/2003	B,M	W	1	3
Pelagic Cormorant	34	17		N	2	Pitkin/Koehler/Papish	7/11/2002	M	W	1	3
Pelagic Cormorant	14	7		N	2	Pitkin/Lowe	7/18/2001	B	W	1	3
Pelagic Cormorant	18	9		N	2	Pitkin/Lowe	7/7/2000	B,M	W	1	3
Pelagic Cormorant	22	11		N	2	Lowe	7/13/1999	B,M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe	7/16/1998	B,M	W	1	2
Pelagic Cormorant	14	7		N	2	Lowe	7/7/1997	B,M	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin/Lowe	7/3/1996	B,M	W	1	2
Pelagic Cormorant	36	18		N	2	Lowe/Pitkin	6/30/1995	B,M	W	1	2
Pelagic Cormorant	54	27		N	2	Pitkin	7/9/1994	B,M	W	1	3
Pelagic Cormorant	12	6		N	2	Lowe/Pitkin	6/7/1993	B,M	W	1	2
Pelagic Cormorant	24	12		N	2	Lowe/Heimgartner	6/3/1992	M	W	1	2
Pelagic Cormorant	32	16		N	2	Lowe	6/13/1991	B,M	W	1	2
Pelagic Cormorant	48	24		N	2	Lowe/Thounhurst	6/12/1990	B,M	W	1	2
Pelagic Cormorant	22	11		N	2	Lowe/Thounhurst	6/22/1989	B,M	W	1	2
Pelagic Cormorant	76	38		N	2	Lowe/Anderson/Matthews	6/21/1988	B,M	W	1	2
Pelagic Cormorant	10	5		N	2	Pitman	6/23/1979	M	W	1	1
Brandt's Cormorant	1,090	545		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	828	414		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	468	234		N	2	Pitkin/Lowe	6/6/2001	AP	W	1	3
Brandt's Cormorant	146	73		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	1,056	528		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	710	355		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	1,146	573		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	1,254	627		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	1,392	696		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	1,306	653		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	616	308		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	598	299		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	482	241		N	2	Lowe/Naughton	6/5/1991	AP	W	1	2
Brandt's Cormorant	978	489		N	2	Lowe/Thounhurst	6/14/1990	AP	W	1	2
Brandt's Cormorant	974	487		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2

Colony 243-015 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	746	373		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	170	85		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	102	51		N	2	Lowe/Thounhurst	6/22/1989	M	W	1	2
West./Glaucous-winged Gull	138	69		N	2	Lowe/Anderson	5/17/1988	M	W	1	2
West./Glaucous-winged Gull	134	67		N	2	Varoujean	6/7/1979	M	W	2	1
Common Murre	44,546		26,674	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	43,383		25,978	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	42,475		25,434	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	46,381		27,773	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	30,763		18,421	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	13,412		8,031	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	20,296		12,153	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	20,633		12,355	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	25,907		15,513	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	22,976		13,758	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	14,688		8,795	B	1.67	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	24,749		14,820	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	24,180		14,479	B	1.67	Lowe/Naughton	6/5/1991	AP	W	2	2
Common Murre	31,301		18,743	B	1.67	Lowe/Thounhurst	6/14/1990	AP	W	2	2
Common Murre	31,975		19,147	B	1.67	Lowe/Naughton	6/9/1989	AP	W	2	2
Common Murre	23,604		14,134	B	1.67	Lowe/Anderson	6/4/1988	AP	W	2	2
Common Murre	5,010		3,000	B	1.67	Pitman	7/16/1979	AP	W	3	1
Pigeon Guillemot	22		22	B	L	Lowe/Pitkin	6/7/1993	M	W	3	2
Pigeon Guillemot	2	1		N	2	Lowe	6/13/1991	B,M	W	1	2
Pigeon Guillemot	15		15	B	L	Lowe/Thounhurst	6/21/1989	B	W	3	2
Pigeon Guillemot	30		30	B	L	Lowe/Anderson	5/28/1988	M	W	3	2
Pigeon Guillemot	25		25	B	L	Pitman	6/23/1979	M	W	3	1
Tufted Puffin	0	0	0	B	L	Lowe/Pitkin	7/2/1997	B	W	1	2
Tufted Puffin	1		1	B	L	Lowe/Pitkin	6/7/1993	B,M	W	3	2
Tufted Puffin	2	1		N	2	Lowe/Heimgartner	6/24/1992	B	W	2	2
Tufted Puffin	3		3	B	L	Lowe	6/13/1991	B,M	W	3	2
Tufted Puffin	2		2	B	L	Lowe	3/30/1990	M	W	3	2
Tufted Puffin	10		10	B	L	Lanue	6/1/1989	B,M	W	3	2
Tufted Puffin	12		12	B	L	Lowe/Anderson	5/17/1988	M	W	3	2
Tufted Puffin	4			B	L	Pitman	6/23/1979	M	W	3	1
Black Oystercatcher	1		1	B	L	Lowe/Zeringue	6/21/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst	6/21/1989	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	5/12/1988	B	W	3	2

Map on page 175

Area Map: 243 (Newport) **Colony Number: 243-016** **"Unnamed Colony"**
Site Number: 016 **Lincoln County** **44° 40' 36" N, 124° 4' 48" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	268	134		N	2	Pitkin/Lowe	7/12/2004	B,M	W	1	3
Brandt's Cormorant	238	119		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	22	11		N	2	Lowe/Heimgartner	6/3/1992	M	W	1	2
Common Murre	2,118		1,268	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	41		41	B	L	Lowe/Pitkin/Lowe	7/3/1996	B	W	3	2
Rhinoceros Auklet	P			O	L	Lowe/Anderson	5/12/1988	B	P	4	2
Tufted Puffin	2	1		N	2	Lowe/Pitkin	6/28/1995	B	W	2	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	6/30/1995	M	W	1	2
Pelagic Cormorant	228	114		N	2	Pitkin/Wells	6/24/2003	B,M	W	1	3
Pelagic Cormorant	176	88		N	2	Pitkin/Koehler/Lowe	7/19/2002	B,M	W	1	3
Pelagic Cormorant	314	157		N	2	Pitkin/Lowe/Nelson/Grafe	7/17/2001	B,M	W	1	3
Pelagic Cormorant	282	141		N	2	Pitkin	7/7/2000	B,M	W	1	3
Pelagic Cormorant	290	145		N	2	Lowe/Pitkin	7/8/1999	B,M	W	1	2
Pelagic Cormorant	32	16		N	2	Lowe	7/16/1998	B,M	W	1	2
Pelagic Cormorant	342	171		N	2	Lowe/Pitkin	7/2/1997	B,M	W	1	2
Pelagic Cormorant	252	126		N	2	Lowe/Pitkin/Lowe	7/3/1996	B,M	W	1	2
Pelagic Cormorant	484	242		N	2	Lowe/Pitkin	6/28/1995	B,M	W	1	2
Pelagic Cormorant	420	210		N	2	Lowe/Collier	7/15/1994	B,M	W	1	2
Pelagic Cormorant	346	173		N	2	Lowe/Pitkin	6/23/1993	B,M	W	1	2
Pelagic Cormorant	288	144		N	2	Lowe/Heimgartner	6/3/1992	B,M	W	1	2
Pelagic Cormorant	412	206		N	2	Lowe/Zeringue	6/21/1991	B,M	W	1	2
Pelagic Cormorant	420	210		N	2	Lowe/Thounhurst	7/3/1990	B,M	W	1	2
Pelagic Cormorant	160	80		N	2	Lowe/Thounhurst	6/21/1989	B,M	W	1	2
Pelagic Cormorant	250	125		N	2	Lowe/Anderson/Matthews	6/21/1988	B,M	W	1	2
Pelagic Cormorant	14	7		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
Brandt's Cormorant	1,272	636		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	646	323		N	2	Pitkin/Lowe	6/6/2001	AP	W	1	3
Brandt's Cormorant	634	317		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	70	35		N	2	Lowe/Pitkin	7/8/1999	B,M	W	1	2
Brandt's Cormorant	242	121		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	600	300		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	90	45		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	1,432	716		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	1,696	848		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	868	434		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	1,142	571		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	592	296		N	2	Lowe/Riemer	6/2/1992	AP	W	2	2
West./Glaucous-winged Gull	X			O	L	Lowe	7/13/1999	M	X	4	2
West./Glaucous-winged Gull	16	8		N	2	Lowe/Pitkin	6/7/1993	M	W	1	2

Colony 243-016 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	12	6		N	2	Lowe	6/26/1991	B,M	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Lowe/Thounhurst	6/12/1990	B,M	W	1	2
West./Glaucous-winged Gull	198	99		N	2	Lowe/Thounhurst	6/22/1989	M,B	W	2	2
West./Glaucous-winged Gull	258	129		N	2	Lowe/Anderson	5/17/1988	B,M	W	1	2
West./Glaucous-winged Gull	42	21		N	2	Pitman/Graybill	6/27/1979	B,M	W	1	1
West./Glaucous-winged Gull	42	21		N	2	Pitman	6/23/1979	B,M	W	1	1
Common Murre	2,221		1,330	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	3,298		1,975	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3
Common Murre	6,466		3,872	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	3,656		2,189	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	1,146		686	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	256		153	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	152		91	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	287		172	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	443		265	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	199		119	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	281		168	B	1.67	Lowe/Pitkin	6/24/1993	AP	W	2	2
Pigeon Guillemot	X			O	L	Pitkin	7/8/2004	M	X	4	3
Pigeon Guillemot	55		55	B	L	Lowe/Pitkin	6/23/1993	B	W	3	2
Pigeon Guillemot	70		70	B	L	Lowe/Heimgartner	6/24/1992	B,M	W	3	2
Pigeon Guillemot	47		47	B	L	Lowe/Zeringue	6/21/1991	B	W	3	2
Pigeon Guillemot	110		110	B	L	Lowe/Thounhurst	7/3/1990	B,M	W	3	2
Pigeon Guillemot	35		35	B	L	Lowe/Thounhurst	6/21/1989	B	W	3	2
Pigeon Guillemot	85		85	B	L	Lowe/Anderson	5/12/1988	B,M	W	3	2
Pigeon Guillemot	40		40	B	L	Pitman/Graybill	6/27/1979	B	W	3	1
Rhinoceros Auklet	P			O	L	Scott	1979	U	P	4	38
Tufted Puffin	2	1	2	N	2	Lowe/Heimgartner	6/3/1992	M	W	3	2
Tufted Puffin	7		7	B	L	Lowe/Zeringue	6/21/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe	7/7/1997	M	W	3	2
Black Oystercatcher	2	1	3	N	2	Lowe/Collier	6/22/1994	B,M	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	6/18/1993	M	W	1	2
Black Oystercatcher	3		3	B	L	Lowe/Zeringue	6/21/1991	B	W	3	2

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Area Map: 243 (Newport) **Colony Number: 243-016.1** **"Unnamed Colony"**
Site Number: 016.1 **Lincoln County** **44° 40' 34" N, 124° 4' 43" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	156	78		N	2	Pitkin	7/8/2004	M	W	1	3
West./Glaucous-winged Gull	27		27	B	L	Lowe/Pitkin	7/6/1994	M	W	3	2
Pigeon Guillemot	2	1		N	2	Lowe/Pitkin	6/30/1995	M	W	2	2
Pelagic Cormorant	94	47		N	2	Pitkin/Wells	6/24/2003	M	W	1	3
Pelagic Cormorant	72	36		N	2	Pitkin/Koehler/Lowe	7/19/2002	B	W	1	3
Pelagic Cormorant	76	38		N	2	Pitkin	7/7/2000	M	W	1	3
Pelagic Cormorant	62	31		N	2	Lowe	7/13/1999	M	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe	7/16/1998	M	W	1	2
Pelagic Cormorant	24	12		N	2	Lowe	7/7/1997	M	W	1	2
Pelagic Cormorant	22	11		N	2	Lowe/Pitkin	7/2/1996	M	W	1	2
Pelagic Cormorant	28	14		N	2	Lowe/Pitkin	6/30/1995	M	W	1	2
Pelagic Cormorant	16	8		N	2	Lowe/Pitkin	7/6/1994	M	W	1	2
Pelagic Cormorant	24	12		N	2	Lowe/Pitkin	6/18/1993	M	W	1	2
Pelagic Cormorant	24	12		N	2	Lowe/Heimgartner	6/3/1992	M	W	1	2
Pelagic Cormorant	20	10		N	2	Lowe	6/26/1991	M	W	1	2
Pelagic Cormorant	18	9		N	2	Lowe/Thounhurst	6/13/1990	M	W	1	2
Pelagic Cormorant	12	6		N	2	Lowe/Matthews	6/22/1988	M	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe	7/13/1999	M	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	6/30/1995	M	X	4	2
West./Glaucous-winged Gull	28	14		N	2	Lowe/Pitkin	6/18/1993	M	W	1	2
West./Glaucous-winged Gull	40	20		N	2	Lowe/Heimgartner	6/3/1992	M	W	1	2
West./Glaucous-winged Gull	26	13		N	2	Lowe	6/26/1991	M	W	1	2
West./Glaucous-winged Gull	20	10		N	2	Lowe/Thounhurst	6/13/1990	M	W	1	2
West./Glaucous-winged Gull	12	6		N	2	Lowe	6/20/1989	M	W	1	2
West./Glaucous-winged Gull	18	9		N	2	Lowe/Anderson	5/26/1988	M	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	6/18/1993	M	W	3	2
Pigeon Guillemot	4		4	B	L	Lowe/Anderson	5/26/1988	M	W	3	2

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Area Map: 243 (Newport) **Colony Number: 243-017** **"Flat Top Rock"**
Site Number: 017 **Lincoln County** **44° 40' 35" N, 124° 4' 50" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/17/2003	B	W	1	3
Brandt's Cormorant	512	256		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	166	83		N	2	Lowe/Thounhurst	6/22/1989	M	W	2	2
Common Murre	16,807		10,064	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	2		2	B	L	Lowe/Heimgartner	6/24/1992	B	W	3	2
Pelagic Cormorant	8	4		N	2	Lowe	7/18/2001	M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/8/1999	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe	7/16/1998	B,M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/2/1997	B	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin/Lowe	7/3/1996	B	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	6/30/1995	M	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Collier	6/22/1994	B,M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	6/16/1993	M	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Heimgartner	6/24/1992	B	W	1	2
Pelagic Cormorant	50	25		N	2	Lowe	6/13/1991	B,M	W	1	2
Pelagic Cormorant	54	27		N	2	Lowe/Thounhurst	7/3/1990	B,M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe	6/22/1989	M	W	1	2
Pelagic Cormorant	14	7		N	2	Lowe/Matthews	6/22/1988	M	W	1	2
Pelagic Cormorant	18	9		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
Brandt's Cormorant	32	16		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	24	12		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	192	96		N	2	Pitkin/Lowe	6/6/2001	AP	W	2	3
Brandt's Cormorant	72	36		N	2	Pitkin/Lowe	6/16/2000	AP	W	1	3
Brandt's Cormorant	38	19		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
Brandt's Cormorant	290	145		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	1,080	540		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	44	22		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	494	247		N	2	Lowe/Pitkin	6/7/1995	AP	W	1	2
Brandt's Cormorant	670	335		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	0	0	29	B	L	Lowe/Pitkin	6/7/1993	M	W	1	2
Brandt's Cormorant	522	261		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Brandt's Cormorant	X			O	L	Lowe	6/13/1991	M	X	4	2
Brandt's Cormorant	1,132	566		N	2	Lowe/Naughton	6/5/1991	AP	W	1	2
Brandt's Cormorant	276	138		N	2	Lowe/Naughton	6/14/1990	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Heimgartner	6/24/1992	B	X	4	2
West./Glaucous-winged Gull	118	59		N	2	Lowe/Anderson	5/17/1988	M	W	1	2
West./Glaucous-winged Gull	150	75		N	2	Pitman/Graybill	6/27/1979	B	W	2	1
Common Murre	15,172		9,085	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	14,462		8,660	B	1.67	Pitkin/Lowe	6/3/2002	AP	W	2	3

Colony 243-017 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	17,037		10,202	B	1.67	Pitkin/Lowe	6/6/2001	AP	W	2	3
Common Murre	13,933		8,343	B	1.67	Pitkin/Lowe	6/16/2000	AP	W	2	3
Common Murre	7,118		4,262	B	1.67	Lowe/Pitkin	6/3/1999	AP	W	2	2
Common Murre	2,762		1,654	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	3,357		2,010	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	2,622		1,570	B	1.67	Lowe/Pitkin	6/4/1996	AP	W	2	2
Common Murre	2,826		1,692	B	1.67	Lowe/Pitkin	6/7/1995	AP	W	2	2
Common Murre	2,006		1,201	B	1.67	Lowe/Pitkin	6/10/1994	AP	W	2	2
Common Murre	1,308		783	B	1.67	Lowe/Pitkin	6/24/1993	AP	W	2	2
Common Murre	1,007		603	B	1.67	Lowe/Riemer	6/2/1992	AP	W	2	2
Common Murre	184		110	B	1.67	Lowe	6/13/1991	M	W	2	2
Common Murre	321		192	B	1.67	Lowe/Naughton	6/5/1991	AP	W	2	2
Common Murre	13		8	B	1.67	Lowe/Naughton	6/14/1990	AP	W	2	2
Pigeon Guillemot	3		3	B	L	Lowe/Zeringue	6/21/1991	B	W	3	2
Pigeon Guillemot	4		4	B	L	Lowe/Thounhurst	6/22/1989	M	W	3	2
Pigeon Guillemot	8		8	B	L	Lowe/Anderson	5/17/1988	M	W	2	2

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"Flat Top Rock" (243-017) June 12, 2004 *David S. Pitkin*

Area Map: 243 (Newport) **Colony Number: 243-018** **"Lion's Head Rock"**
Site Number: 018 **Lincoln County** **44° 40' 31" N, 124° 4' 44" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin	7/8/2004	M	W	1	3
Brandt's Cormorant	170	85		N	2	Pitkin/Ledig	6/12/2004	AP	W	1	3
West./Glaucous-winged Gull	42	21		N	2	Lowe/Thounhurst	6/22/1989	M	W	2	2
Common Murre	1,358		813	B	1.67	Pitkin/Ledig	6/12/2004	AP	W	2	3
Pigeon Guillemot	3		3	B	L	Lowe/Anderson	5/17/1988	M	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/17/2003	B	W	1	3
Pelagic Cormorant	14	7		N	2	Pitkin	7/10/2001	M	W	1	3
Pelagic Cormorant	12	6		N	2	Pitkin/Lowe	7/7/2000	M	W	1	3
Pelagic Cormorant	0	0		N	L	Lowe	7/13/1999	M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe	7/16/1998	B,M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe	7/9/1996	M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	6/30/1995	M	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Pitkin	6/7/1993	M	W	1	2
Pelagic Cormorant	32	16		N	2	Lowe/Heimgartner	6/3/1992	M	W	1	2
Pelagic Cormorant	16	8		N	2	Lowe/Thounhurst	8/1/1990	M	W	1	2
Brandt's Cormorant	8	4		N	2	Pitkin/Lowe	6/9/2003	AP	W	1	3
Brandt's Cormorant	14	7		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	126	63		N	2	Pitkin/Lowe	6/6/2001	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Lowe	7/13/1999	M	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/8/1998	AP	W	1	2
Brandt's Cormorant	98	49		N	2	Lowe/Pitkin	6/9/1997	AP	W	1	2
Brandt's Cormorant	164	82		N	2	Lowe/Pitkin	6/4/1996	AP	W	1	2
Brandt's Cormorant	0	0		B	L	Lowe/Pitkin	6/30/1995	M	W	1	2
Brandt's Cormorant	30	15		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe	7/13/1999	M	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Riemer	6/2/1992	AP	X	4	2
West./Glaucous-winged Gull	32	16		N	2	Lowe/Anderson	5/17/1988	M	W	1	2
West./Glaucous-winged Gull	20	10		N	2	Pitman	6/23/1979	M	W	1	1
Common Murre	1,333		798	B	1.67	Pitkin/Lowe	6/9/2003	AP	W	2	3
Common Murre	X			O	L	Pitkin/Lowe	6/6/2001	AP	X	4	3
Common Murre	0		0	B	L	Lowe	7/13/1999	M	W	2	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/8/1998	AP	W	2	2
Common Murre	89		53	B	1.67	Lowe/Pitkin	6/9/1997	AP	W	2	2
Common Murre	50		30	B	1.67	Lowe/Pitkin	7/2/1996	M	W	2	2

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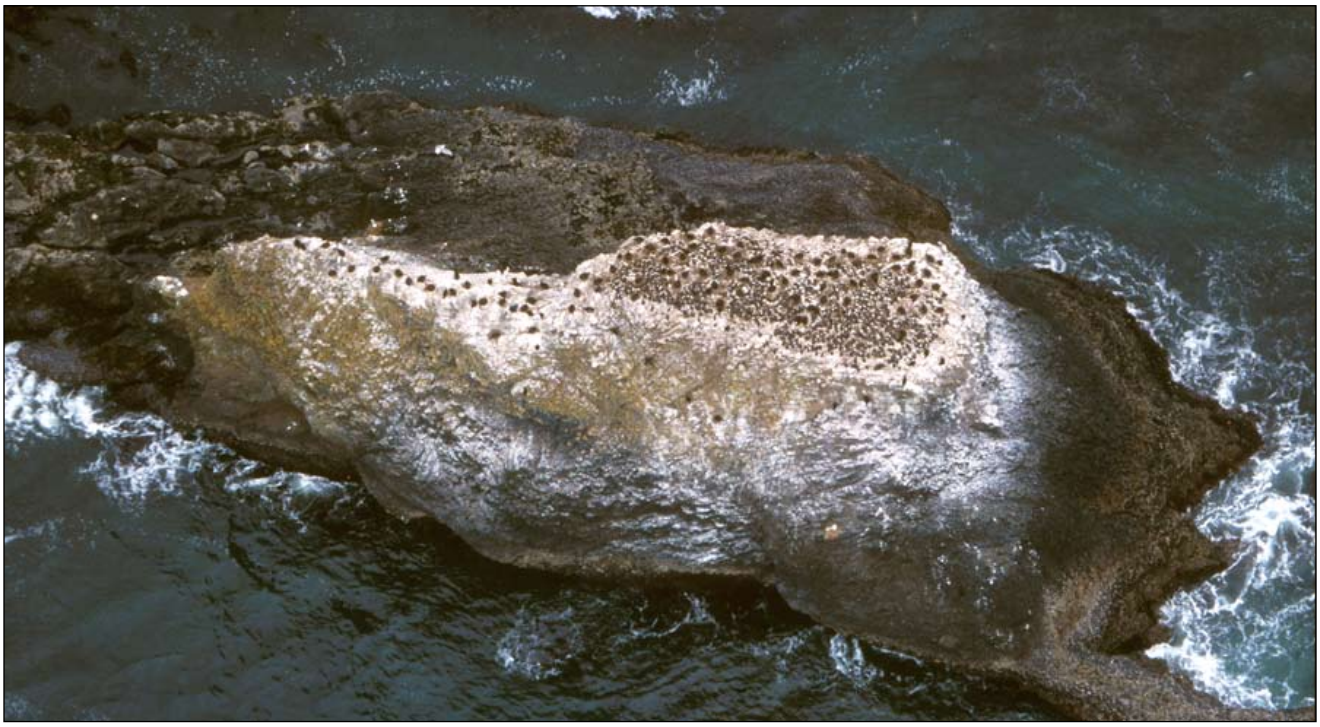
Area Map:243 (Newport) **Colony Number: 243-019** **"Seal Rock"**
Site Number: 019 **Lincoln County** **44° 40' 26" N, 124° 4' 43" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	10	5		N	2	Lowe/Anderson	5/17/1988	M	W	1	2
Common Murre	73		44	B	1.67	Lowe	7/13/1999	M	W	2	2
Pigeon Guillemot	3		3	B	L	Lowe/Anderson	5/17/1988	M	W	3	2
Brandt's Cormorant	132	66		N	2	Pitkin/Lowe	6/3/2002	AP	W	1	3
Brandt's Cormorant	206	103		N	2	Lowe/Pitkin	6/3/1999	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Collier	6/22/1994	B	X	4	2
West./Glaucous-winged Gull	34	17		N	2	Pitman	6/23/1979	M	W	1	1

Map on page 175



"Lion's Head Rock" (243-018) June 12, 2004 *David S. Pitkin*

Area Map: 243 (Newport) **Colony Number: 243-020** **"Unnamed Colony"**
Site Number: 020 **Lincoln County** **44° 40' 24" N 124° 4' 37" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/17/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/9/2003	AP	W	1	3
West./Glaucous-winged Gull	36	18		N	2	Lowe/Heimgartner	6/3/1992	C	W	1	2
Common Murre	5		3	B	1.67	Lowe/Pitkin	6/8/1998	AP	W	2	2
Pigeon Guillemot	35	5	35	B	L	Lowe/Pitkin	7/2/1996	C,M	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	7/2/1996	C	W	1	2
Pelagic Cormorant	2	1		N	2	Pitkin/Koehler/Lowe	7/19/2002	B	W	1	3
Pelagic Cormorant	0	0		N	L	Lowe	7/13/1999	B,M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	7/15/1998	B	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Pitkin	6/28/1995	B	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Collier	6/22/1994	B	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Collier	6/22/1994	B	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Heimgartner	6/3/1992	C	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	7/8/1999	B,M	W	1	2
Brandt's Cormorant	518	259		N	2	Lowe/Pitkin	6/8/1998	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/2/1996	C	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Collier	6/22/1994	B	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe	7/3/1993	C	X	4	2
West./Glaucous-winged Gull	36	18		N	2	Lowe/Noack	6/26/1991	B,	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Lowe/Thounhurst	6/12/1990	C	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Thounhurst	6/20/1989	C	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson/Matthews	6/21/1988	B	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Pitman	6/23/1979	M	W	1	1
Pigeon Guillemot	40		40	B	L	Lowe/Collier	6/22/1994	B	W	3	2
Pigeon Guillemot	X			O	L	Lowe	7/3/1993	C	X	4	2
Pigeon Guillemot	12	6	12	N	2	Lowe/Heimgartner	6/3/1992	C	W	1	2
Pigeon Guillemot	28	7	28	B	L	Lowe/Noack	6/26/1991	B,	W	3	2
Pigeon Guillemot	60	5	60	B	L	Lowe/Thounhurst	6/12/1990	C	W	3	2
Pigeon Guillemot	40	11	40	B	L	Lowe/Thounhurst	6/20/1989	C	W	1	2
Pigeon Guillemot	44		44	B	L	Lowe/Anderson	5/17/1988	M	W	3	2
Pigeon Guillemot	5		5	B	L	Pitman	6/23/1979	M	W	3	1
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	7/12/1994	C	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe	7/3/1993	C	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Heimgartner	6/3/1992	C	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Noack	6/26/1991	B,	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Thounhurst	6/12/1990	C	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Thounhurst	6/20/1989	C	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Anderson/Matthews	6/21/1988	B	W	1	2
Black Oystercatcher	2		2	B	L	Pitman	6/23/1979	M	W	3	1

Map on page 175

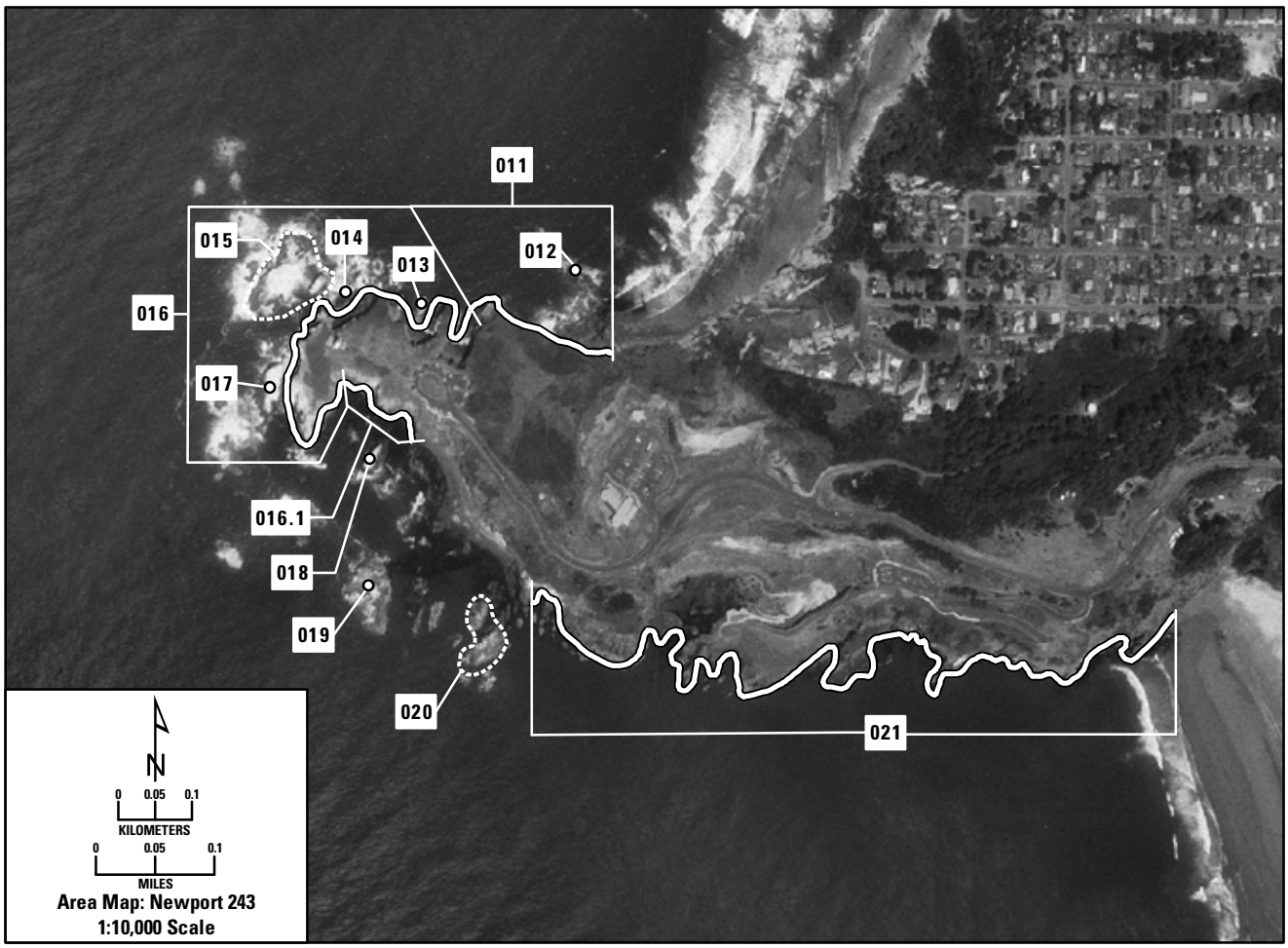
Area Map: 243 (Newport) **Colony Number: 243-021** **"Unnamed Colony"**
Site Number: 021 **Lincoln County** **44° 40' 22" N, 124° 4' 15" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	212	106		N	2	Pitkin/Lowe	7/12/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Pitkin	6/28/1995	B	W	2	2
Pigeon Guillemot	59	18	59	B	L	Lowe/Pitkin	7/8/1996	B,	W	3	2
Black Oystercatcher	6		6	B	L	Lowe/Pitkin/Lowe	7/3/1996	B,M	W	3	2
Pelagic Cormorant	196	98		N	2	Pitkin/Wells	7/17/2003	B	W	1	3
Pelagic Cormorant	252	126		N	2	Pitkin/Koehler/Lowe	7/19/2002	B	W	1	3
Pelagic Cormorant	152	76		N	2	Lowe/Nelson/Grafe	7/17/2001	B	W	1	2
Pelagic Cormorant	126	63		N	2	Pitkin/Lowe	7/6/2000	B	W	1	3
Pelagic Cormorant	194	97		N	2	Lowe/Pitkin	7/8/1999	B	W	1	2
Pelagic Cormorant	34	17		N	2	Lowe/Pitkin	7/15/1998	B,M	W	1	2
Pelagic Cormorant	172	86		N	2	Lowe/Pitkin	7/2/1997	B,M	W	1	2
Pelagic Cormorant	118	59		N	2	Lowe/Pitkin	7/2/1996	B,M	W	1	2
Pelagic Cormorant	138	69		N	2	Lowe/Pitkin	6/28/1995	B	W	1	2
Pelagic Cormorant	138	69		N	2	Lowe/Collier	6/22/1994	B,M	W	1	2
Pelagic Cormorant	116	58		N	2	Lowe/Pitkin	6/23/1993	B,M	W	1	2
Pelagic Cormorant	118	59		N	2	Lowe/Heimgartner	6/24/1992	B,M	W	1	2
Pelagic Cormorant	124	62		N	2	Lowe/Zeringue	6/21/1991	B,M	W	1	2
Pelagic Cormorant	126	63		N	2	Lowe/Thounhurst	6/13/1990	B,M	W	1	2
Pelagic Cormorant	62	31		N	2	Lowe/Thounhurst	6/20/1989	B,M	W	1	2
Pelagic Cormorant	154	77		N	2	Lowe/Anderson/Matthews	6/21/1988	B,M	W	1	2
Pelagic Cormorant	152	76		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
West./Glaucous-winged Gull	18	9		N	2	Lowe/Pitkin	7/2/1997	B	W	2	2
West./Glaucous-winged Gull	X			O	L	Lowe/Lowe	7/3/1996	B,M	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Collier	6/22/1994	B	X	4	2
West./Glaucous-winged Gull	14	7		N	2	Lowe/Pitkin	6/23/1993	B	W	1	2
West./Glaucous-winged Gull	28	14		N	2	Lowe/Heimgartner	6/3/1992	B,	W	1	2
West./Glaucous-winged Gull	22	11		N	2	Lowe/Zeringue	6/21/1991	B	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Lowe/Thounhurst	6/13/1990	B,M	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Lowe/Thounhurst	6/21/1989	B,M	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson/Matthews	6/21/1988	B	W	1	2
Pigeon Guillemot	24	12		N	2	Lowe/Pitkin	7/23/1997	C	W	1	2
Pigeon Guillemot	40	9	40	B	L	Lowe/Pitkin	7/12/1994	B,	W	3	2
Pigeon Guillemot	21		21	B	L	Lowe/Pitkin	6/23/1993	B,M	W	3	2
Pigeon Guillemot	18		18	B	L	Lowe/Heimgartner	6/3/1992	B,M	W	3	2
Pigeon Guillemot	28		28	B	L	Lowe/Zeringue	6/21/1991	B	W	3	2
Pigeon Guillemot	22		22	B	L	Lowe/Thounhurst	6/13/1990	B,M	W	3	2
Pigeon Guillemot	26		26	B	L	Lowe/Thounhurst	6/21/1989	B,M	W	3	2
Pigeon Guillemot	73		73	B	L	Anderson	5/18/1988	M	W	3	2
Pigeon Guillemot	X			U	L	Graybill/Hodder	7/8/1983	B	X	4	39

Colony 243-021 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Black Oystercatcher	2		2	B	L	Lowe/Collier	6/22/1994	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	6/21/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst	7/3/1990	B	W	3	2
Black Oystercatcher	2		2	B	L	Anderson	5/18/1988	M	W	3	2

Map on page 175



Area Map: 243 (Newport) **Colony Number: 243-011C** **"Yaquina Head Complex"**
Site Number: 011-021 **Lincoln County**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	162		162	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	750		750	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	75		75	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	120		120	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	185		185	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	50		50	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	90		90	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	75		75	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	150		150	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	150		150	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Pelagic Cormorant	68		68	B	L	Scott	1971	A	T	4	28
Pelagic Cormorant	104		104	B	L	Scott	1970	A	T	4	28
Pelagic Cormorant	92		92	B	L	Scott	1969	A	T	4	28
Pelagic Cormorant	X			U	L	Griffee	6/13/1953	M	X	4	11
Pelagic Cormorant	70		70	B	L	Kubat	July/1952	M	T	4	11
Pelagic Cormorant	X			O	L	Prill	1900	M	V	4	6
Brandt's Cormorant	90		90	B	L	Scott	1971	A	T	4	28
Brandt's Cormorant	82		82	B	L	Scott	1970	A	T	4	28
West./Glaucous-winged Gull	48		48	B	L	Hoffman et al.	1975	M	T	4	32
West./Glaucous-winged Gull	225		225	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	900		900	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	550		550	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	300		300	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	126		126	B	L	Scott	1971	M	T	4	28
West./Glaucous-winged Gull	350		350	B	L	Glahn	6/18/1970	A	T	3	4
West./Glaucous-winged Gull	123		123	B	L	Scott	1970	M	T	4	28
West./Glaucous-winged Gull	100		100	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
West./Glaucous-winged Gull	100		100	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	100		100	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
West./Glaucous-winged Gull	X			U	L	Kubat	5/30/1958	M	X	4	11
West./Glaucous-winged Gull	X			U	L	Kubat	6/14/1953	M	X	4	11
West./Glaucous-winged Gull	40		40	B	L	Kubat	5/30/1952	M	T	4	11
West./Glaucous-winged Gull	X			U	L	Kubat	6/24/1951	M	X	4	11
West./Glaucous-winged Gull	20		20	B	L	Cutress	5/29/1949	M	T	4	11
West./Glaucous-winged Gull	6		6	B	L	Cutress	6/2/1940	M	T	4	11
Glaucous-winged Gull	1		1	B	L	Roberts	5/12/1979	M	T	4	1
Glaucous-winged Gull	1		1	B	L	Hoffman et al.	1975	M	T	4	32
Glaucous-winged Gull	7		7	B	L	Scott	1971	M	T	4	28
Glaucous-winged Gull	5		5	B	L	Scott	1970	M	T	4	28

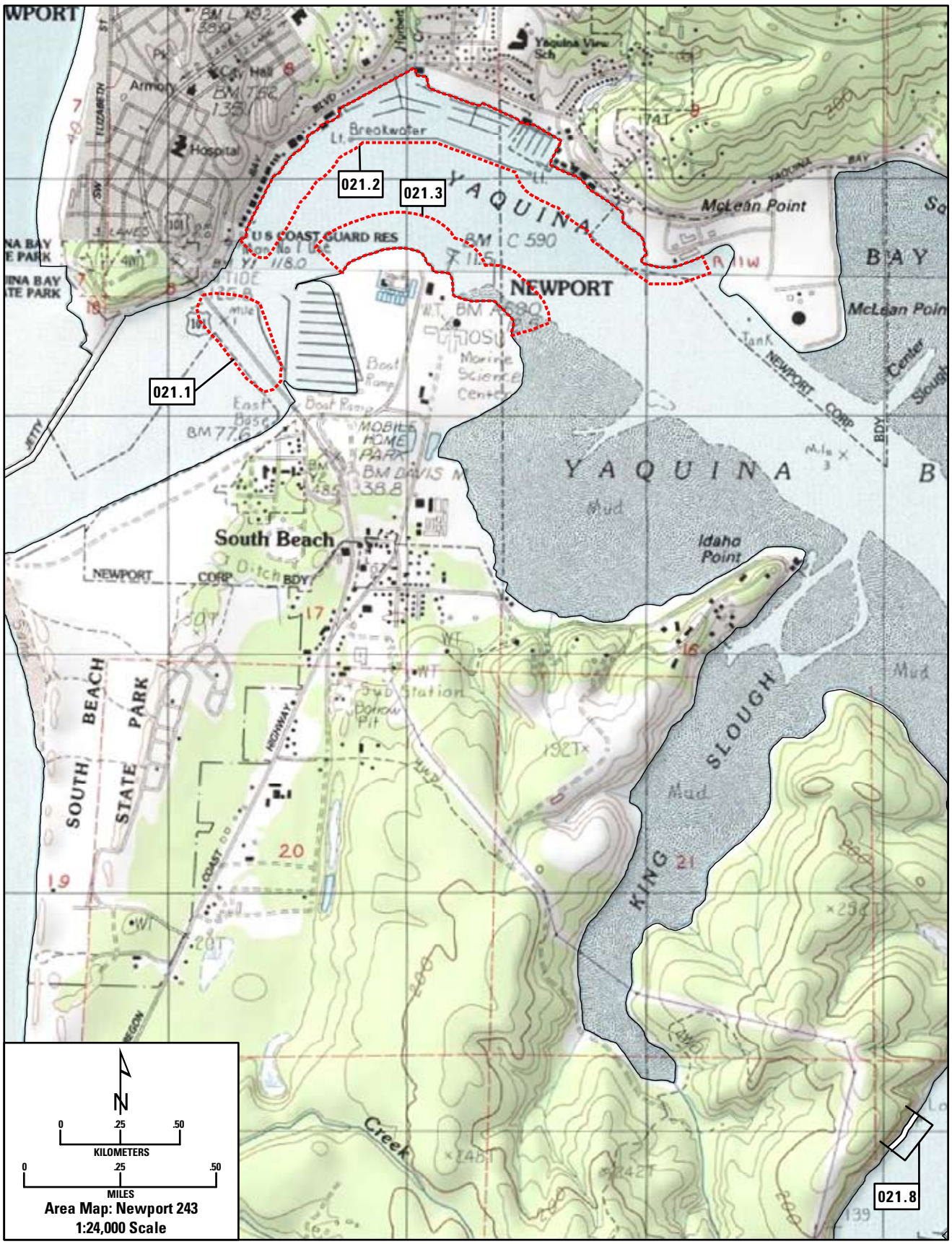
Colony 243-011-021 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Glaucous-winged Gull	5		5	B	L	Scott	1969	M	T	4	28
Common Murre	4,500		4,500	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	4,200		4,200	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	4,000		4,000	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	800		800	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	4,800		4,800	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	3,500		3,500	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	2,600		2,600	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	3,320		3,320	B	L	Scott	1971	A	Y	3	28
Common Murre	3,800		3,800	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	5,068		5,068	B	L	Scott	1970	A	Y	3	28
Common Murre	1,800		1,800	B	L	Rodgers/Glahn	7/1/1969	A	Y	3	4
Common Murre	2,400		2,400	B	L	Scott	1969	A	Y	3	28
Common Murre	2,700		2,700	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	3,000		3,000	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	2,500		2,500	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	2,000		2,000	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
Common Murre	X			O	L	Kubat	6/8/1958	M	X	4	11
Common Murre	400		400	B	L	Kubat	5/30/1958	M	T	4	11
Pigeon Guillemot	175		175	B	L	Scott	1970	M	T	4	28
Pigeon Guillemot	40		40	B	L	Kubat	7/4/1952	M	T	4	11
Pigeon Guillemot	X			U	L	Griffee	6/16/1939	M	X	4	11
Rhinoceros Auklet	11		11	B	L	Scott/Hoffman	June/1973	M	W	4	29
Rhinoceros Auklet	X			O	L	Scott	1972	M	X	4	29
Rhinoceros Auklet	X			O	L	Scott	1971	M	X	4	29
Rhinoceros Auklet	X			O	L	Scott	1970	M	X	4	29
Rhinoceros Auklet	25		25	B	L	Scott	1969	M	W	4	29
Tufted Puffin	X			U	L	Faxon	1978	U	X	4	37
Tufted Puffin	3		3	B	L	USFWS	6/26/1972	A	W	4	4
Tufted Puffin	X			U	L	Cutress	6/2/1940	M	X	4	11
Tufted Puffin	X			U	L	Anon.	1938	M	X	4	99
Black Oystercatcher	4		4	B	L	Scott	1971	M	W	4	28
Black Oystercatcher	3		3	B	L	Scott	1970	M	W	4	28
Black Oystercatcher	3		3	B	L	Scott	1969	M	W	4	28
Black Oystercatcher	2		2	B	L	Kubat	6/8/1958	M	W	4	11

Area Map: 243 (Newport) **Colony Number: 243-021.1** **"Yaquina Bay Bridge"**
Site Number: 021.1 **Lincoln County** **44° 37' 18" N, 124° 3' 21" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	2	1		N	2	Pitkin/Chuck	7/15/2004	B	W	1	3
Pelagic Cormorant	260	130		N	2	Pitkin/Smith	7/22/2004	B	W	1	3
Brandt's Cormorant	22	11		N	2	Pitkin/Chuck	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	22	11		N	2	Pitkin/Chuck	7/15/2004	B	W	1	3
Pigeon Guillemot	4	2		N	2	Pitkin/Smith	7/22/2004	B	W	3	3
Pelagic Cormorant	72	36		N	2	Pitkin/Wells	7/23/2003	B	W	1	3
Pelagic Cormorant	56	28		N	2	Pitkin/Koehler/Papish	8/1/2002	B	W	2	3
Pelagic Cormorant	62	31		N	2	Lowe/Pitkin	7/23/1997	B	W	1	2
Pelagic Cormorant	40	20		N	2	Lowe/Pitkin/Lowe	7/3/1996	B	W	1	2
Pelagic Cormorant	22	11		N	2	Lowe/Pitkin	6/26/1995	B	W	1	2
Pelagic Cormorant	26	13		N	2	Lowe/Pitkin	7/12/1994	B	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	6/17/1993	B	W	1	2
Pelagic Cormorant	6		6	B	L	Heimgartner	6/3/1992	M	W	3	2
Pelagic Cormorant	12	6		N	2	Lowe/Zeringue	7/1/1991	B	W	1	2
Pelagic Cormorant	4	2		N	2	Thounhurst	6/21/1990	B,M	W	1	2
Brandt's Cormorant	8	4		N	2	Pitkin/Wells	7/23/2003	B	W	1	3
Brandt's Cormorant	2	1		N	2	Pitkin/Koehler/Papish	8/1/2002	B	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Pitkin/Wells	7/23/2003	B	W	1	3
West./Glaucous-winged Gull	10	5		N	2	Pitkin/Koehler/Papish	8/1/2002	B	W	1	3
West./Glaucous-winged Gull	16	8		N	2	Lowe/Pitkin	7/23/1997	B	W	1	2
West./Glaucous-winged Gull	22	11		N	2	Lowe/Pitkin/Lowe	7/3/1996	B	W	1	2
West./Glaucous-winged Gull	18	9		N	2	Lowe/Pitkin	6/26/1995	B	W	1	2
West./Glaucous-winged Gull	14	7		N	2	Lowe/Pitkin	7/12/1994	B	W	1	2
West./Glaucous-winged Gull	22	11		N	2	Lowe/Pitkin	6/17/1993	B,M	W	1	2
West./Glaucous-winged Gull	20	10		N	2	Heimgartner	6/3/1992	M	W	1	2
West./Glaucous-winged Gull	44	22		N	2	Lowe/Zeringue	7/1/1991	B,M	W	1	2
West./Glaucous-winged Gull	34	17		N	2	Thounhurst	6/21/1990	B,M	W	1	2
West./Glaucous-winged Gull	36	18		N	2	Thounhurst	6/22/1989	B,M	W	1	2
West./Glaucous-winged Gull	24	12		N	2	Anderson	7/11/1988	B,M	W	1	2
Pigeon Guillemot	10		10	B	L	Pitkin/Wells	7/23/2003	B	W	3	3
Pigeon Guillemot	62		62	B	L	Pitkin/Koehler/Papish	8/1/2002	B	W	3	3
Pigeon Guillemot	36	4	36	B	L	Lowe/Pitkin	7/23/1997	B	W	3	2
Pigeon Guillemot	8	4	8	N	2	Lowe/Pitkin/Lowe	7/3/1996	B	W	3	2
Pigeon Guillemot	30	2	30	B	L	Lowe/Pitkin	6/26/1995	B	W	3	2
Pigeon Guillemot	24		24	B	L	Lowe/Pitkin	7/12/1994	B	W	3	2
Pigeon Guillemot	7	1	7	B	L	Lowe/Pitkin	6/17/1993	B	W	3	2
Pigeon Guillemot	40		40	B	L	Lowe/Heimgartner	6/22/1992	B	W	3	2
Pigeon Guillemot	13	1	13	B	L	Lowe/Zeringue	7/1/1991	B	W	3	2
Pigeon Guillemot	22		22	B	L	Thounhurst	6/21/1990	B,M	W	3	2
Pigeon Guillemot	10	5		N	2	Thounhurst	6/22/1989	B,M	W	1	2
Pigeon Guillemot	20		20	B	L	Anderson	6/1/1988	M	W	3	2

Map on page 195


021.1
021.2
021.3
021.8
NEWPORT
YAQUINA
BAY
Breakwater
U S COAST GUARD RES
McLean Point
Idaho Point
South Beach
SOUTH BEACH STATE PARK
KING SLOUGH
Hospital
City Hall
Armory
Yaquina View Sch
Mobile Home Park
Sub Station
Borrow Pit
Mud
Creek
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Newport 243
1:24,000 Scale

Area Map: 243 (Newport) **Colony Number: 243-021.2** **"Newport Bay Front"**
Site Number: 021.2 **Lincoln County** **44° 37' 53" N, 124° 2' 44" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	36	18		N	2	Pitkin/Chuck	7/15/2004	B	W	1	3
Pigeon Guillemot	18	1	18	B	L	Pitkin/Chuck	7/15/2004	B	W	3	3
West./Glaucous-winged Gull	6	3		N	2	Pitkin/Wells	7/23/2003	B	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Pitkin/Koehler/Papish	8/1/2002	B	W	1	3
West./Glaucous-winged Gull	38	19		N	2	Lowe/Pitkin	7/23/1997	B	W	1	2
West./Glaucous-winged Gull	42	21		N	2	Lowe/Pitkin/Lowe	7/3/1996	B	W	1	2
West./Glaucous-winged Gull	38	19		N	2	Lowe/Pitkin	6/26/1995	B	W	1	2
West./Glaucous-winged Gull	40	20		N	2	Lowe/Pitkin	7/12/1994	B	W	1	2
West./Glaucous-winged Gull	54	27		N	2	Lowe/Pitkin	6/17/1993	B,M	W	1	2
West./Glaucous-winged Gull	52	26		N	2	Lowe/Heimgartner	6/22/1992	B,M	W	1	2
West./Glaucous-winged Gull	58	29		N	2	Lowe/Zeringue	7/1/1991	B,M	W	1	2
West./Glaucous-winged Gull	46	23		N	2	Lowe/Thounhurst	6/13/1990	B	W	1	2
West./Glaucous-winged Gull	40	20		N	2	Lowe/Thounhurst	6/21/1989	B	W	1	2
West./Glaucous-winged Gull	36	18		N	2	Lowe/Anderson/Matthews	7/11/1988	B	W	1	2
Pigeon Guillemot	12		12	B	L	Pitkin/Wells	7/23/2003	B	W	3	3
Pigeon Guillemot	26		26	B	L	Pitkin/Koehler/Papish	8/1/2002	B	W	3	3
Pigeon Guillemot	9		9	B	L	Lowe/Pitkin	7/23/1997	B	W	3	2
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin/Lowe	7/3/1996	B	W	3	2
Pigeon Guillemot	8		8	B	L	Lowe/Pitkin	7/12/1994	B	W	3	2
Pigeon Guillemot	14		14	B	L	Lowe/Pitkin	6/17/1993	B	W	3	2
Pigeon Guillemot	27		27	B	L	Lowe/Heimgartner	6/22/1992	B	W	3	2
Pigeon Guillemot	12		12	B	L	Lowe/Zeringue	7/1/1991	B	W	3	2
Pigeon Guillemot	6	1	6	B	L	Lowe/Thounhurst	6/13/1990	B	W	3	2
Pigeon Guillemot	7		7	B	L	Lowe/Thounhurst	6/21/1989	B	W	3	2
Pigeon Guillemot	8		8	B	L	Lowe/Anderson/Matthews	7/11/1988	B	W	3	2

Map on page 195

Area Map: 243 (Newport) **Colony Number: 243-021.3** **"Hatfield Marine Science Center"**
Site Number: 021.3 **Lincoln County** **44° 37' 29" N, 124° 2' 45" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	10	5		N	2	Pitkin/Chuck	7/15/2004	B	W	1	3
Pigeon Guillemot	11	2	11	B	L	Pitkin/Chuck	7/15/2004	B	W	3	3
West./Glaucous-winged Gull	6	3		N	2	Pitkin/Wells	7/23/2003	B	W	1	3
West./Glaucous-winged Gull	8	4		N	2	Pitkin/Koehler/Papish	8/1/2002	B	W	1	3
West./Glaucous-winged Gull	10	5		N	2	Lowe/Pitkin	7/23/1997	B	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Lowe/Pitkin/Lowe	7/3/1996	B	W	1	2
West./Glaucous-winged Gull	14	7		N	2	Lowe/Pitkin	6/26/1995	B	W	1	2
West./Glaucous-winged Gull	12	6		N	2	Lowe/Pitkin	7/12/1994	B	W	1	2
West./Glaucous-winged Gull	12	6		N	2	Lowe/Pitkin	6/17/1993	B	W	1	2
West./Glaucous-winged Gull	12	6		N	2	Lowe/Heimgartner	6/22/1992	B	W	1	2
West./Glaucous-winged Gull	14	7		N	2	Lowe/Zeringue	7/1/1991	B	W	1	2
West./Glaucous-winged Gull	16	8		N	2	Lowe/Thounhurst	6/13/1990	B	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Lowe/Thounhurst	6/21/1989	B	W	1	2
West./Glaucous-winged Gull	14	7		N	2	Lowe/Anderson	5/12/1988	B	W	1	2
Pigeon Guillemot	9	3	9	B	L	Pitkin/Wells	7/23/2003	B	W	3	3
Pigeon Guillemot	9	3	9	B	L	Pitkin/Koehler/Papish	8/1/2002	B	W	2	3
Pigeon Guillemot	13	2	13	B	L	Lowe/Pitkin	7/23/1997	B	W	3	2
Pigeon Guillemot	4	2		N	2	Lowe/Pitkin/Lowe	7/3/1996	C	W	3	2
Pigeon Guillemot	4	2	4	N	2	Lowe/Pitkin	6/26/1995	B	W	1	2
Pigeon Guillemot	4	2	3	N	2	Lowe/Pitkin	7/12/1994	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	6/17/1993	B	W	3	2
Pigeon Guillemot	5		5	B	L	Lowe/Heimgartner	6/22/1992	B	W	3	2
Pigeon Guillemot	13		13	B	L	Lowe/Thounhurst	6/13/1990	B	W	3	2
Pigeon Guillemot	6	3		N	2	Lowe/Thounhurst	6/21/1989	B	W	1	2
Pigeon Guillemot	14		14	B	L	Lowe/Anderson	5/12/1988	B	W	2	2

Map on page 195

Area Map: 243 (Newport) **Colony Number: 243-021.4** **"Unnamed Colony"**
Site Number: 021.4 **Lincoln County** **44° 34' 37" N, 124° 4' 10" W**

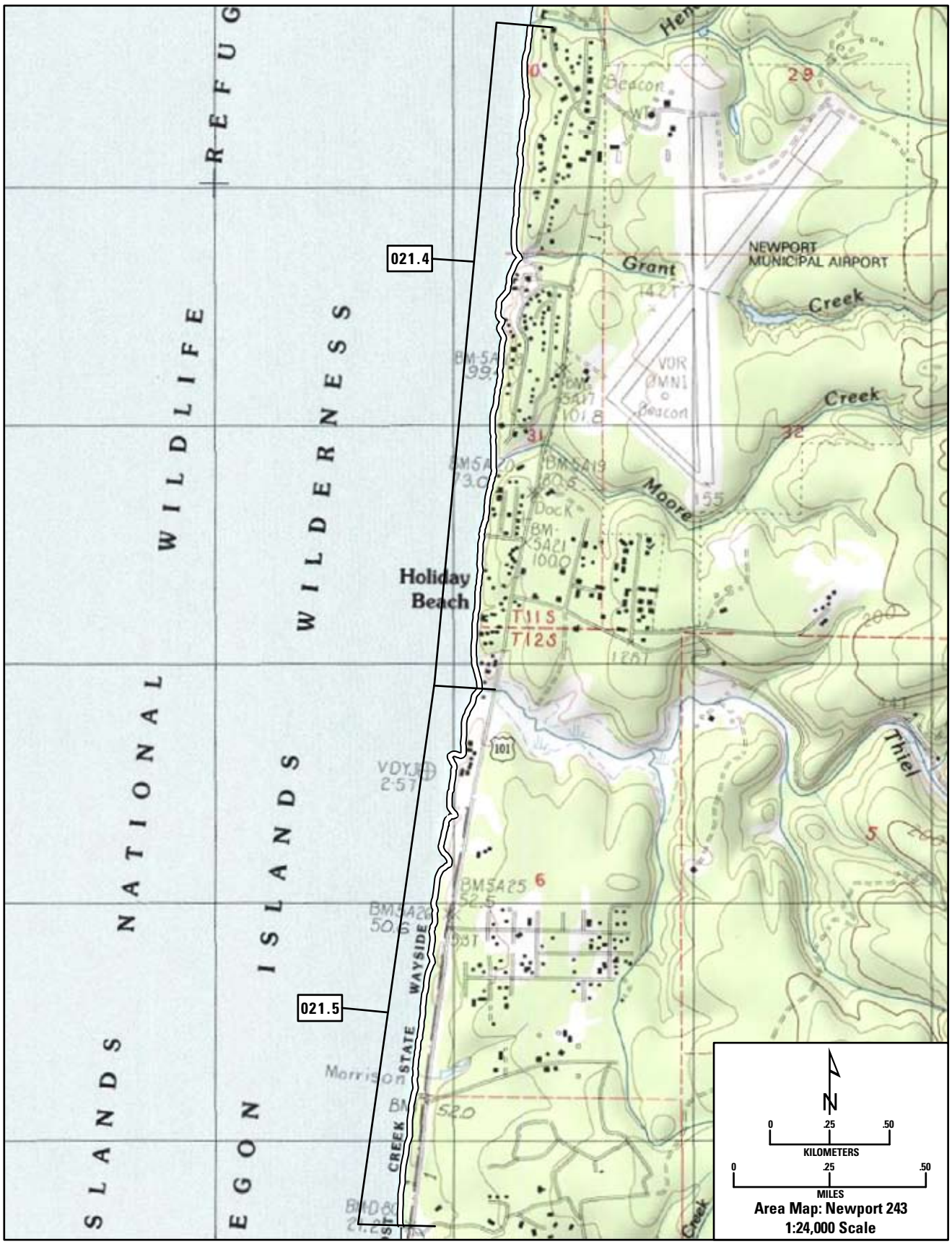
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	16		16	B	L	Anderson	7/11/1988	M	W	3	2

Map on page 199

Area Map: 243 (Newport) **Colony Number: 243-021.5** **"Unnamed Colony"**
Site Number: 021.5 **Lincoln County** **44° 33' 17" N, 124° 4' 21" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	3		3	B	L	Anderson	7/11/1988	M	W	3	2

Map on page 199


021.4
021.5
Holiday Beach
NEWPORT MUNICIPAL AIRPORT
Grant
Creek
Moore
Thiel
Beacon
VOR
Dock
T11S
T12S
101
Morrison
STATE WAYSIDE
CREEK
SLANDS NATIONAL WILDLIFE REFUG
EGON ISLANDS WILDERNESS
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Newport 243
1:24,000 Scale

Area Map: 243 (Newport) **Colony Number: 243-021.6** **"Unnamed Colony"**
Site Number: 021.6 **Lincoln County** **44° 30' 29" N, 124° 4' 52" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	45	15	45	B	L	Thounhurst	7/17/1990	M	W	3	2
Black Oystercatcher	2		2	B	L	Lowe	5/18/1988	M	W	3	2
Pigeon Guillemot	35		35	B	L	Anderson	7/9/1988	M	W	3	2

Map on page 201

Area Map: 243 (Newport) **Colony Number: 243-021.7** **"Unnamed Colony"**
Site Number: 021.7 **Lincoln County** **44° 30' 1" N, 124° 5' 4" W**

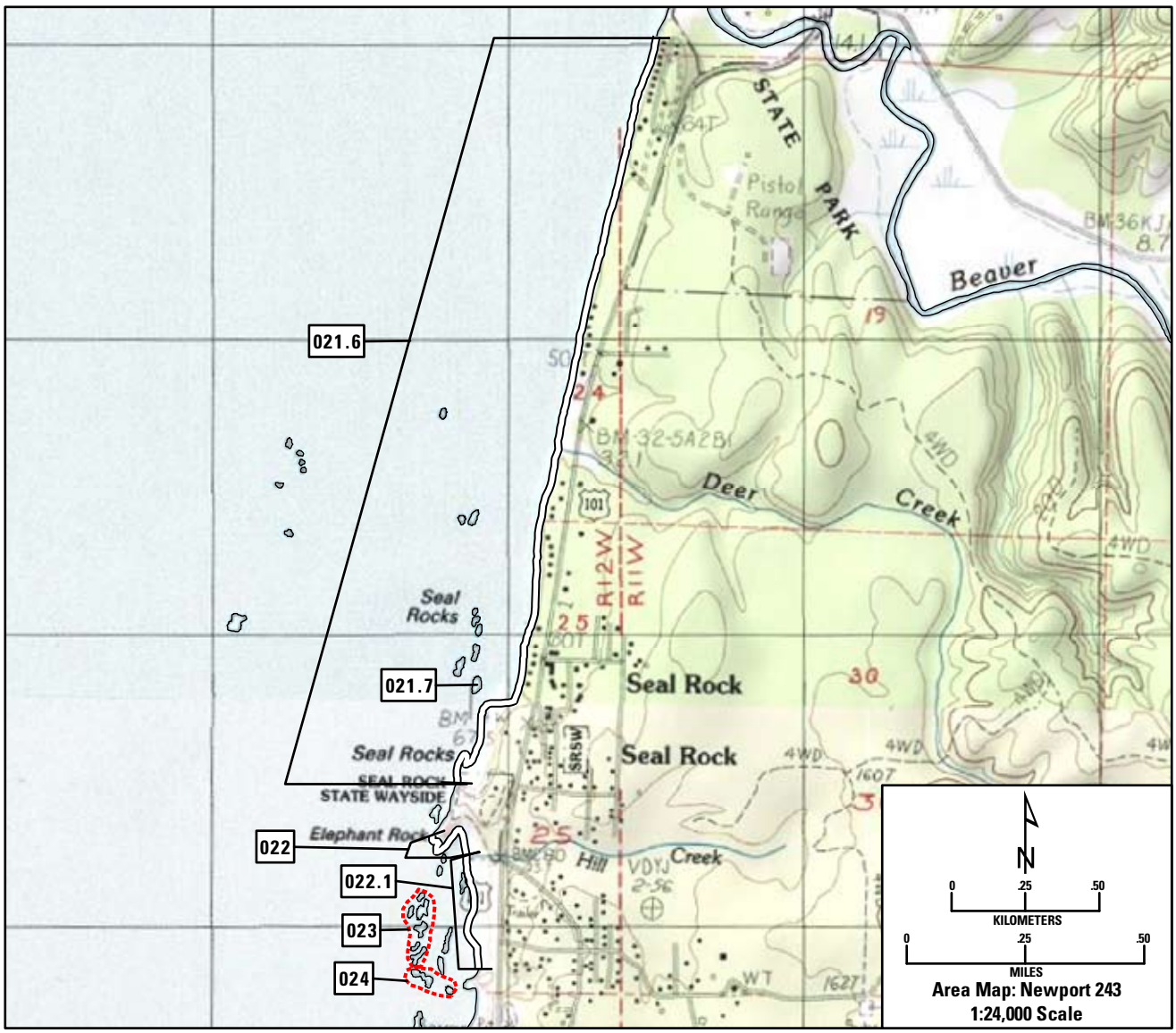
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	4	2		N	2	Lowe	5/18/1988	C	W	1	2

Map on page 201

Area Map: 243 (Newport) **Colony Number: 243-021.8** **"Unnamed Colony"**
Site Number: 021.8 **Lincoln County** **44° 35' 33" N, 124° 1' 14" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	0	0		N	L	Pitkin/Wells	7/23/2003	B	W	1	3
Double-crested Cormorant	0	0		N	L	Lowe/Nelson/Grafe	7/17/2001	B	W	1	2
Double-crested Cormorant	8	4		N	2	Pitkin/Lowe	6/21/2000	B	W	1	3

Map on page 195


021.6
021.7
022
022.1
023
024
Seal Rocks
Seal Rocks
SEAL ROCK STATE WAYSIDE
Elephant Rock
Seal Rock
Seal Rock
STATE PARK
Beaver
Deer
Creek
Hill
Creek
R12W
R11W
101
4WD
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Newport 243
1:24,000 Scale

Area Map: 243 (Newport) **Colony Number: 243-022** **"Elephant Rock"**
Site Number: 022 **Lincoln County** **44° 29' 45" N, 124° 5' 7" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	82	41		N	2	Strong	6/23/2003	B	W	1	45
West./Glaucous-winged Gull	16	8		N	2	Lowe	6/26/1995	M	W	3	2
Pigeon Guillemot	5	1	5	B	L	Thounhurst	7/17/1990	M	W	3	2
Black Oystercatcher	4		4	B	L	Pitman	6/23/1979	M	W	3	1
Pelagic Cormorant	6	3		N	2	Lowe/Pitkin	7/14/1994	M	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Pitman	6/23/1979	M	W	1	1
Pigeon Guillemot	6		6	B	L	Lowe	5/18/1988	M	W	3	2
Pigeon Guillemot	19		19	B	L	Varoujean/Pitman	6/23/1979	M	W	3	1

Map on page 201

Area Map: 243 (Newport) **Colony Number: 243-022.1** **"Unnamed Colony"**
Site Number: 022.1 **Lincoln County** **44° 29' 36" N, 124° 5' 4" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	12	6		N	2	Thounhurst	7/17/1990	C	W	2	2
Pigeon Guillemot	9		9	B	L	Lowe	5/18/1988	M	W	3	2

Map on page 201

Area Map: 243 (Newport) **Colony Number: 243-023** **"Unnamed Colony"**
Site Number: 023 **Lincoln County** **44° 29' 35" N, 124° 5' 12" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	4	2		N	2	Lowe	5/18/1988	M	W	1	2
Pigeon Guillemot	3		3	B	L	Thounhurst	7/17/1990	M	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe	5/18/1988	C	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Varoujean	6/8/1979	M	W	2	1
Pigeon Guillemot	2		2	B	L	Varoujean	6/8/1979	M	W	3	1

Map on page 201

Area Map: 243 (Newport) **Colony Number: 243-024** **"Unnamed Colony"**
Site Number: 024 **Lincoln County** **44° 29' 28" N, 124° 5' 10" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	12	6		N	2	Lowe	5/18/1988	M	W	1	2
Pigeon Guillemot	3		3	B	L	Thounhurst	7/17/1990	M	W	3	2
Black Oystercatcher	2		2	B	L	Thounhurst	7/17/1990	M	W	3	2
West./Glaucous-winged Gull	20	10		N	2	Varoujean	6/8/1979	M	W	2	1

Map on page 201

Area Map: 243 (Newport) **Colony Number: 243-022C** **"Seal Rocks Complex"**
Site Number: 022-024 **Lincoln County** **44° 29' 36" N, 124° 5' 9" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	69		69	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	100		100	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	150		150	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	150		150	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	4		4	B	L	Hoffman et al.	1975	U	T	4	32
West./Glaucous-winged Gull	75		75	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	70		70	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	25		25	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	60		60	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	X			U	L	Glahn	6/18/1970	A	X	4	4
Tufted Puffin	X			U	L	Anon.	1938	M	X	4	99

Area Map: 243 (Newport)
Site Number: 024.1

Colony Number: 243-024.1
Lincoln County

"Unnamed Colony"
44° 29' 4" N, 124° 5' 3" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/14/1994	C	X	4	2
Pigeon Guillemot	6	3		N	2	Lowe/Pitkin	7/14/1994	C	W	1	2
Black Oystercatcher	2	1		N	2	Lowe/Pitkin	7/14/1994	C	W	1	2
Pigeon Guillemot	20		20	B	L	Pitkin	7/26/1993	M	W	3	3
Pigeon Guillemot	3		3	B	L	Lowe	5/31/1991	M	W	3	2
Pigeon Guillemot	6	3		N	2	Thounhurst	7/24/1990	C	W	1	2
Pigeon Guillemot	6		6	B	L	Anderson	7/9/1988	M	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	6/2/1993	C	W	1	2
Black Oystercatcher	2		2	B	L	Anderson	7/9/1988	M	W	3	2

Map on page 205

Area Map: 243 (Newport)
Site Number: 024.2

Colony Number: 243-024.2
Lincoln County

"Unnamed Colony"
44° 28' 21" N, 124° 4' 59" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	20	10		N	2	Zeringue	7/19/1991	M	W	2	2
Pigeon Guillemot	24		24	B	L	Pitkin	7/26/1993	M	W	3	3
Pigeon Guillemot	22		22	B	L	Thounhurst	7/18/1990	M	W	3	2
Pigeon Guillemot	24		24	B	L	Anderson	7/9/1988	M	W	3	2

Map on page 205

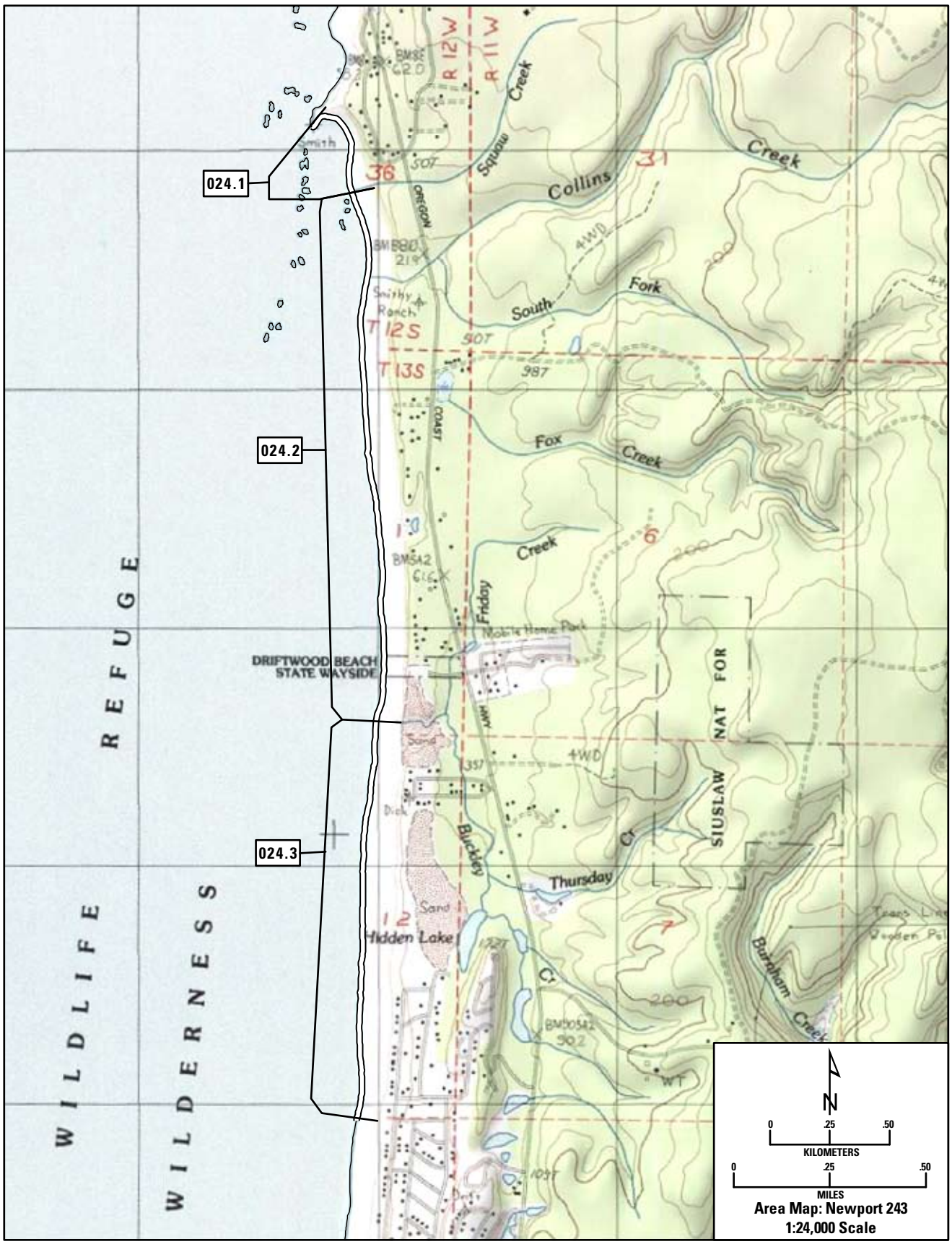
Area Map: 243 (Newport)
Site Number: 024.3

Colony Number: 243-024.3
Lincoln County

"Unnamed Colony"
44° 27' 18" N, 124° 4' 59" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	3		3	B	L	Anderson	7/9/1988	M	W	3	2

Map on page 205


024.1
024.2
024.3
WILDLIFE REFUGE
WILDERNESS
DRIFTWOOD BEACH STATE WAYSIDE
Hidden Lake
Thursday
Buckley
Friday
Fox Creek
South Fork
Collins
Squaw Creek
Burnham Creek
SIUSLAW NAT FOR
T 12 S
T 13 S
R 12 W
R 11 W
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Newport 243
1:24,000 Scale

Area Map: 243 (Newport) **Colony Number: 243-024.4** **"Alsea Bay Bridge"**
Site Number: 024.4 **Lincoln County** **44° 25' 54" N, 124° 4' 15" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	94	47		N	2	Lowe	8/1/2003	B	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Lowe	8/1/2003	B	W	2	2
Pigeon Guillemot	20	4	20	B	L	Lowe/Pitkin	7/14/1994	M	W	3	2
Pelagic Cormorant	X			O	L	Lowe/Lowe	3/31/1996	M	X	4	2
Pelagic Cormorant	18	9		N	2	Lowe/Pitkin	7/14/1994	M	W	3	2
Pelagic Cormorant	32	16		N	2	Lowe	7/26/1988	M	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Lowe	7/26/1988	M	W	1	2
Pigeon Guillemot	24		24	B	L	Lowe	7/26/1988	M	W	3	2

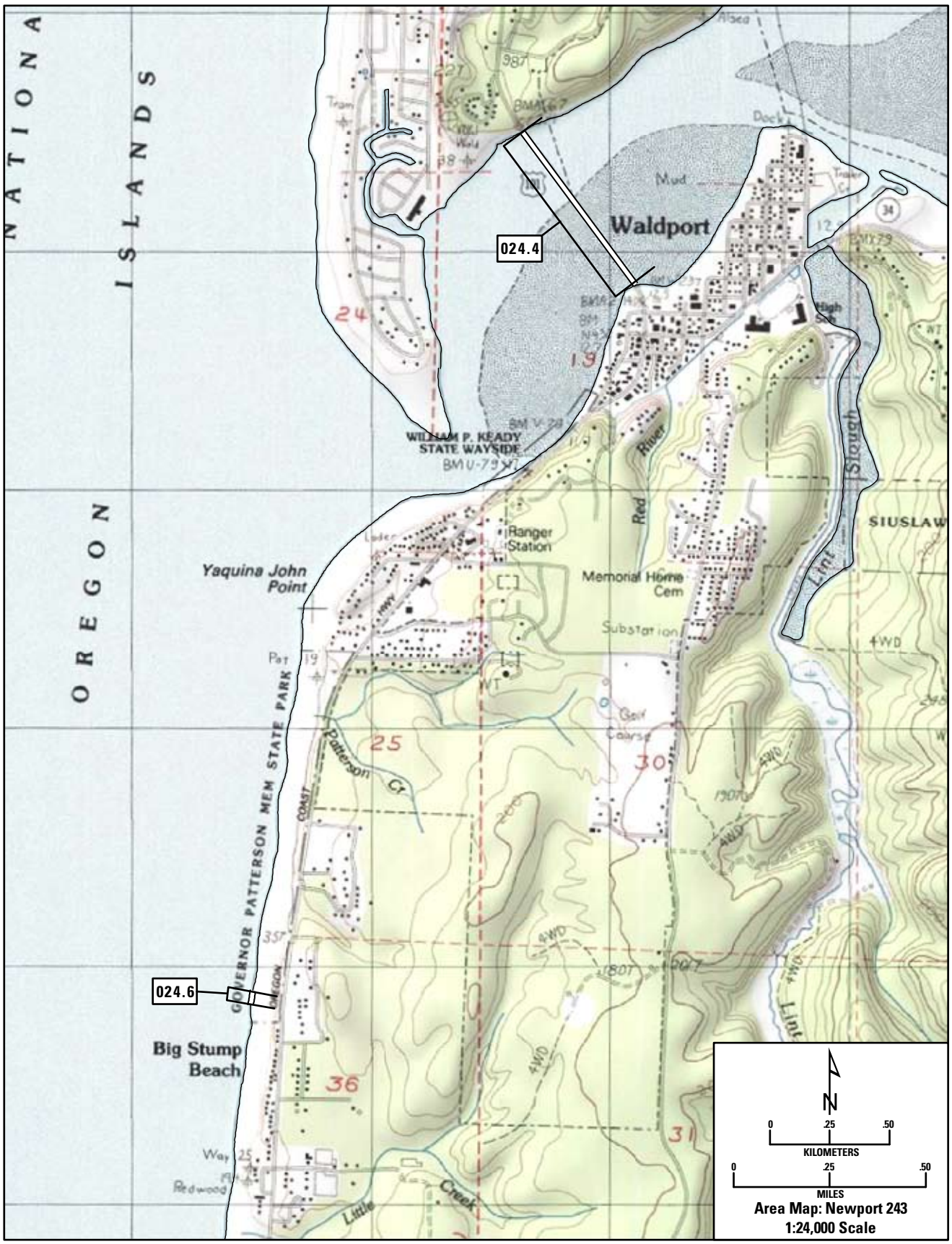
Map on page 207

** Alsea Bay Bridge replaced in 1988–1991.*

Area Map: 243 (Newport) **Colony Number: 243-024.6** **Big Stump Beach**
Site Number: 024.6 **Lincoln County** **44° 24' 6" N, 124° 5' 15" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	0	0		N	L	Lowe/Pitkin	7/14/1994	C	W	1	2
Pigeon Guillemot	6	3	6	N	2	Thounhurst	8/6/1990	M	W	1	2

Map on page 207


NATIONAL
ISLANDS
OREGON
Waldport
024.4
WILLIAM P. KEADY
STATE WAYSIDE
Ranger
Station
Red
River
Memorial Home
Cem
Substation
Golf
Course
Yaquina John
Point
GOVERNOR PATTERSON MEM STATE PARK
Patterson
Ct
024.6
Big Stump
Beach
Little
Creek
Lint
Slough
SIUSLAW
N
0
.25
.50
KILOMETERS
0
.25
.50
MILES
Area Map: Newport 243
1:24,000 Scale

Area Map: 243 (Newport) **Colony Number: 243-024.5** **"Cleft-In-The-Rock"**
Site Number: 024.5 **Lincoln County** **44° 17' 34" N, 124° 6' 49" W**

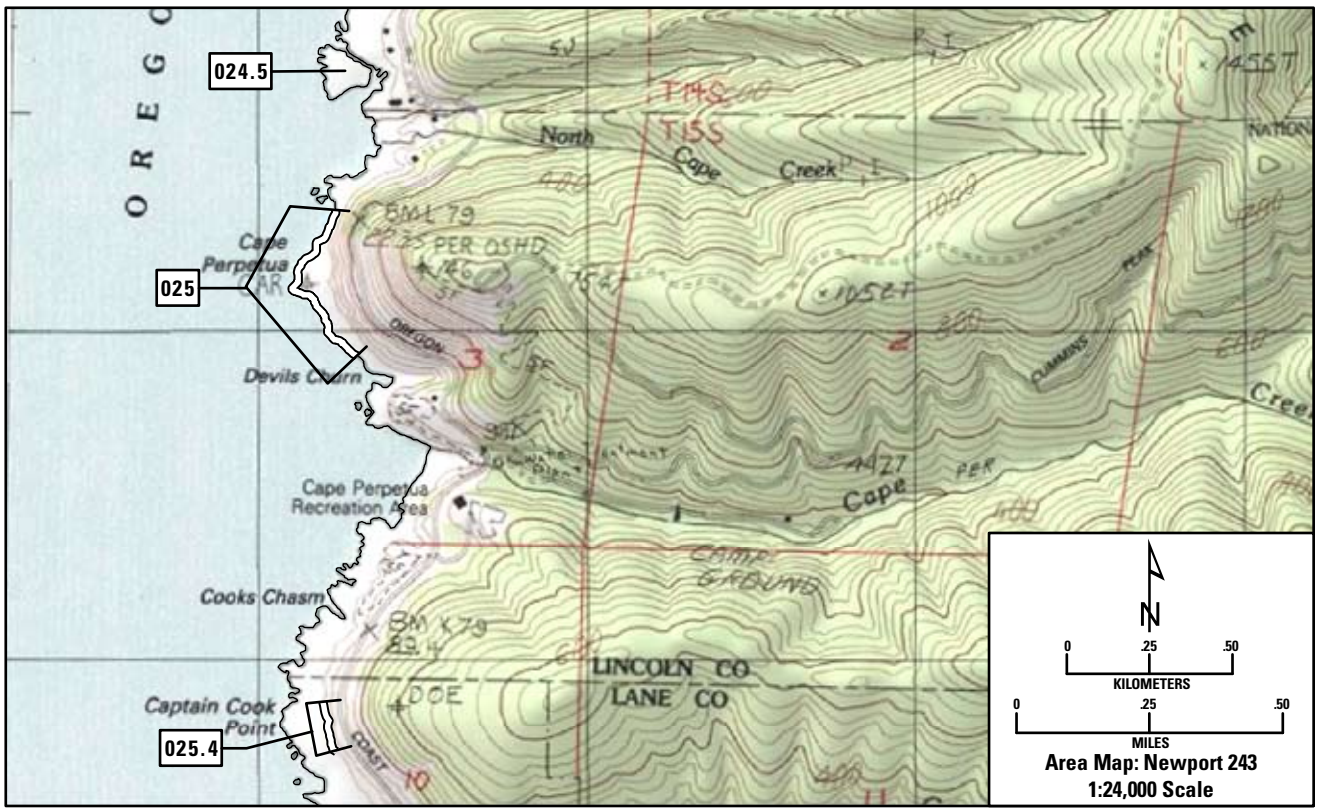
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	150	75		N	2	Hansen	7/2/1988	C	W	2	2
Pigeon Guillemot	22		22	B	L	Graybill/Hodder	1983	M	W	3	39
Black Oystercatcher	2		2	B	L	Lowe/Anderson	6/5/1988	C	W	3	2

Map on page 209

Area Map: 243 (Newport) **Colony Number: 243-025** **Cape Perpetua**
Site Number: 025 **Lincoln County** **44° 17' 12" N, 124° 6' 56" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	6	3		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/5/1988	M	W	1	2
Pigeon Guillemot	30		30	B	L	Lowe/Thounhurst	7/19/1989	M	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson	6/5/1988	M	W	3	2
Pelagic Cormorant	134	67		N	2	Lowe/Pitkin	7/8/1993	M	W	1	2
Pelagic Cormorant	0	0		N	L	Lowe/Thounhurst	7/19/1989	M	W	1	2
Pelagic Cormorant	118	59		N	2	Lowe/Anderson	6/5/1988	M	W	1	2
Pelagic Cormorant	146	73		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
Pigeon Guillemot	1		1	B	L	Lowe/Pitkin	7/8/1993	M	W	3	2
Pigeon Guillemot	36		36	B	L	Lowe/Anderson	6/5/1988	M	W	3	2
Pigeon Guillemot	5		5	B	L	Pitman/Graybill	6/27/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	7/8/1993	M	W	3	2
Black Oystercatcher	1		1	B	L	Pitman/Graybill	6/27/1979	B	W	3	1

Map on page 209


024.5
025
025.4
North
Cape
Creek
Cape
Perpetua
Devils Cairn
Cape Perpetua
Recreation Area
Cooks Chasm
Captain Cook
Point
LINCOLN CO
LANE CO
N
0
.25
.50
KILOMETERS
0
.25
.50
MILES
Area Map: Newport 243
1:24,000 Scale

Area Map: 243 (Newport) **Colony Number: 243-025.1** **Gwynn Knoll**
Site Number: 025.1 **Lane County** **44° 14' 48" N, 124° 6' 55" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Lowe	6/25/2003	M	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Anderson	7/9/1988	M	W	1	2
Pigeon Guillemot	1		1	B	L	Anderson	7/9/1988	M	W	3	2
Black Oystercatcher	4	2		N	2	Lowe	6/25/2003	M	W	3	2
Pelagic Cormorant	20	10		N	2	Anderson	7/9/1988	M	W	1	2

Map on page 211

Area Map: 243 (Newport) **Colony Number: 243-025.2** **"Unnamed Colony"**
Site Number: 025.2 **Lane County** **44° 13' 12" N, 124° 6' 51" W**

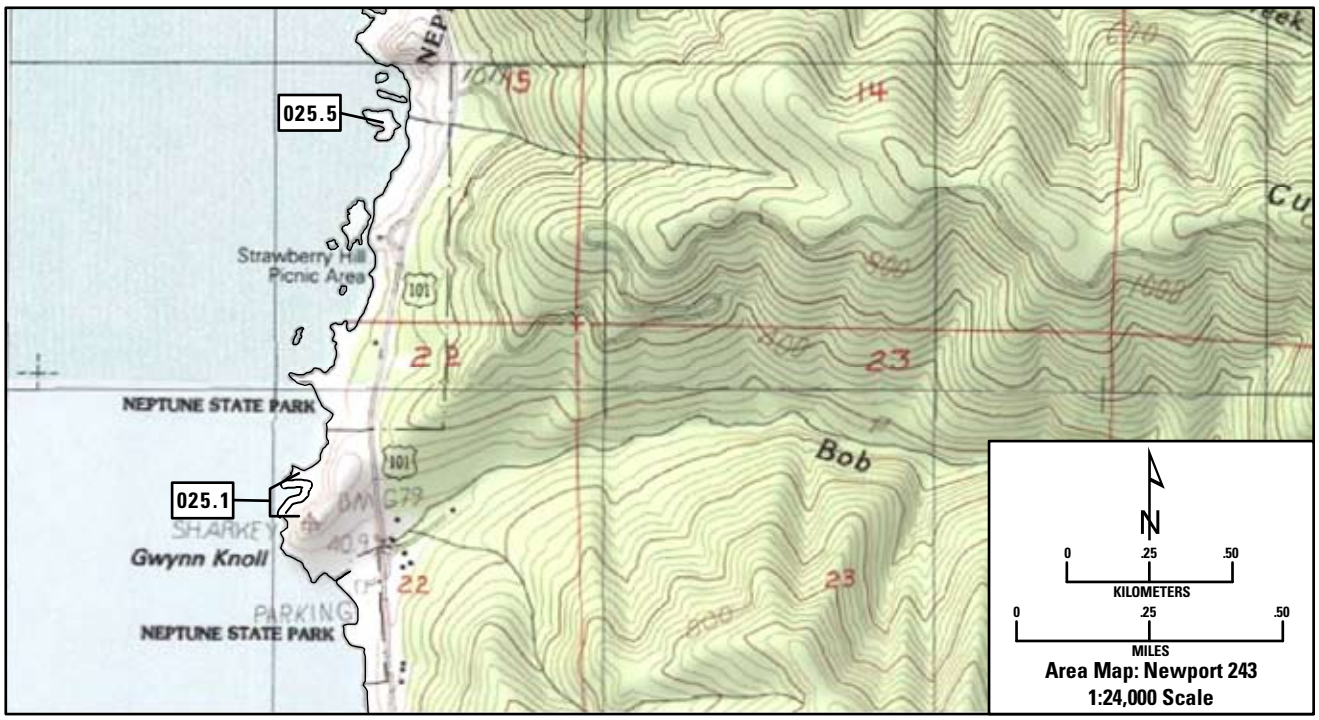
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	14		14	B	L	Anderson	7/9/1988	M	W	3	2
Pigeon Guillemot	10		10	B	L	Lowe/Pitkin	6/16/1993	M	W	3	2

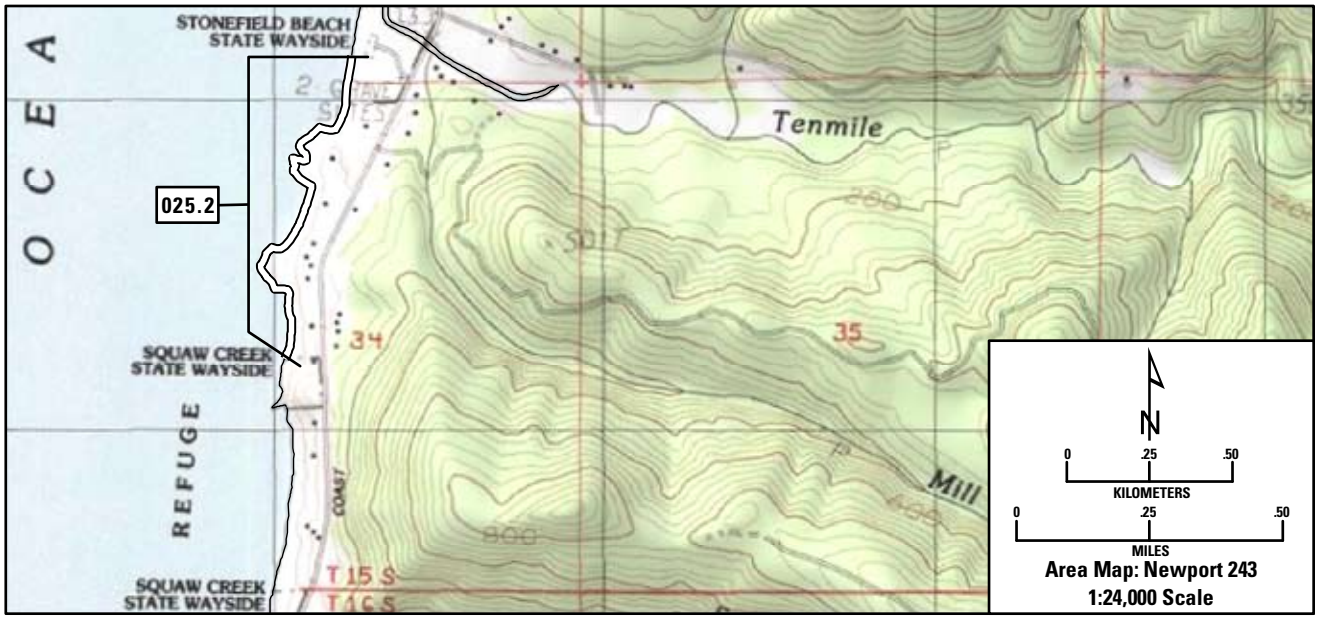
Map on page 211

Area Map: 243 (Newport) **Colony Number: 243-025.3** **"Heceta Head North"**
Site Number: 025.3 **Lane County** **44° 8' 31" N, 124° 7' 33" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	134	67		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
Brandt's Cormorant	250	125		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	18	9		N	2	Lowe/Anderson/Matthews	7/6/1988	B	W	1	2
Common Murre	30		18	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Pigeon Guillemot	40		40	B	L	Lowe	6/4/1988	AP	W	3	2
Unidentified Cormorant	X			O	L	Lowe/Pitkin	7/19/1993	B	X	4	2
Pelagic Cormorant	8	4		N	2	Lowe/Anderson/Matthews	7/6/1988	B	W	1	2
Brandt's Cormorant	48	24		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Pigeon Guillemot	X			O	L	Lowe/Pitkin	7/19/1993	B	X	4	2

Map on page 215


025.5
Strawberry Hill
Picnic Area
NEPTUNE STATE PARK
025.1
Gwynn Knoll
NEPTUNE STATE PARK
Bob
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Newport 243
1:24,000 Scale


STONEFIELD BEACH
STATE WAYSIDE
OCEA
025.2
SQUAW CREEK
STATE WAYSIDE
REFUGE
SQUAW CREEK
STATE WAYSIDE
Tenmile
Mill
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Newport 243
1:24,000 Scale

Area Map: 243 (Newport)
Site Number: 025.4

Colony Number: 243-025.4
Lane County

Captain Cook Point
44° 16' 29" N, 124° 6' 50" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	7/8/1993	M	W	1	2

Map on page 209

Area Map: 243 (Newport)
Site Number: 025.5

Colony Number: 243-025.5
Lane County

Strawberry Hill
44° 15' 25" N, 124° 6' 43" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Pitkin	7/8/1993	C	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	7/8/1993	C	W	1	2

Map on page 211

Brandt's Cormorant *Roy W. Lowe*

Area Map: 243 (Newport) **Colony Number: 243-026** **"Unnamed Colony"**
Site Number: 026 **Lane County** **44° 8' 27" N, 124° 7' 37" W**

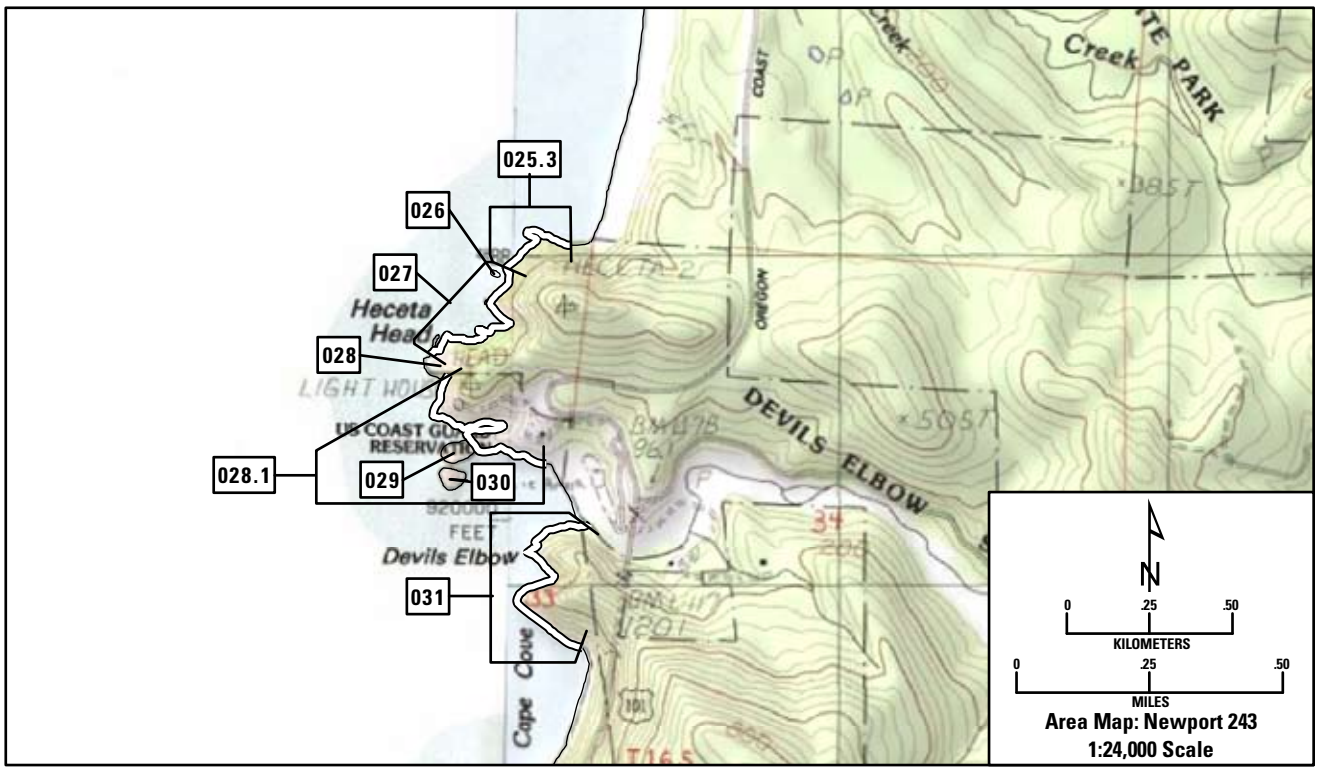
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	6/25/1991	B	W	3	2
Brandt's Cormorant	0	0		N	L	Lowe/Naughton	6/5/1991	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	124	62		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Naughton	6/9/1989	AP	X	4	2
West./Glaucous-winged Gull	10	5		N	2	Pitman/Graybill	6/27/1979	B	W	1	1

Map on page 215

Area Map: 243 (Newport) **Colony Number: 243-027** **Heceta Head**
Site Number: 027 **Lane County** **44° 8' 22" N, 124° 7' 38" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	0	0		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	116	58		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
Brandt's Cormorant	672	336		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	74	37		N	2	Lowe/Anderson/Matthews	7/6/1988	B	W	1	2
Common Murre	264		158	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Pigeon Guillemot	33		33	B	L	Lowe/Zeringue	6/25/1991	B	W	3	2
Tufted Puffin	2		2	B	L	Lowe/Zeringue	6/25/1991	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	6/25/1991	B	W	3	2
Double-crested Cormorant	20	10		N	2	Lowe/Zeringue	6/25/1991	B	W	1	2
Pelagic Cormorant	X			O	L	Lowe/Zeringue	6/25/1991	B	X	4	2
Pelagic Cormorant	78	39		N	2	Lowe	7/6/1988	B,M	W	1	2
Pelagic Cormorant	26	13		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
Brandt's Cormorant	X			O	L	Lowe/Zeringue	6/25/1991	B	X	4	2
Brandt's Cormorant	1,840	920		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
Pigeon Guillemot	X			O	L	Lowe/Pitkin	7/19/1993	B	X	4	2
Pigeon Guillemot	15		15	B	L	Lowe/Anderson/Matthews	7/6/1988	B	W	3	2
Tufted Puffin	6		6	B	L	Lowe/Anderson/Matthews	7/6/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Brown	5/21/1988	B	W	3	2

Map on page 215


025.3
026
027
028
028.1
029
030
031
Heceta Head
US COAST GUARD RESERVATION
Devils Elbow
DEVILS ELBOW
Cape Cove
Creek
PARK
COAST
OREGON
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Newport 243
1:24,000 Scale

Area Map: 243 (Newport) **Colony Number: 243-028** **Conical Rock**
Site Number: 028 **Lane County** **44° 8' 18" N, 124° 7' 45" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	0	0		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/8/2003	B	W	1	3
Brandt's Cormorant	4	2		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	40	20		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	808		484	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Pigeon Guillemot	2		2	B	L	Lowe/Brown	5/21/1988	B	W	3	2
Tufted Puffin	4		4	B	L	Lowe/Thounhurst	7/19/1989	M	W	3	2
Double-crested Cormorant	532	133		N	2	Lowe/Riemer	6/2/1992	AP	W	3	2
Double-crested Cormorant	X			O	L	Lowe/Thounhurst	7/19/1989	M	X	4	2
Double-crested Cormorant	68	34		N	2	Lowe/Anderson	5/5/1988	M	W	1	2
Pelagic Cormorant	24	12		N	2	Lowe/Brown	5/21/1988	B	W	1	2
Pelagic Cormorant	6	3		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
Brandt's Cormorant	6	3		N	2	Lowe/Pitkin	7/19/1993	B,M	W	1	2
Brandt's Cormorant	532	133		N	2	Lowe/Riemer	6/2/1992	AP	W	3	2
Brandt's Cormorant	X			O	L	Lowe/Zeringue	6/25/1991	B	X	4	2
Brandt's Cormorant	X			O	L	Lowe/Thounhurst	7/19/1989	M	X	4	2
Brandt's Cormorant	1,090	545		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Zeringue	6/25/1991	B	X	4	2
West./Glaucous-winged Gull	70	35		N	2	Pitman/Graybill	6/27/1979	B	W	2	1
Tufted Puffin	2			B	L	Lowe/Anderson	6/4/1988	AP	W	3	2
Tufted Puffin	4	2		N	2	Pitman/Graybill	6/27/1979	B	W	2	1
Black Oystercatcher	2	1		N	2	Pitman/Graybill	6/27/1979	B	W	2	1

Map on page 215

Area Map: 243 (Newport) **Colony Number: 243-028.1** **"Heceta Head South"**
Site Number: 028.1 **Lane County** **44° 8' 11" N, 124° 7' 41" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	262	131		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	132	66		N	2	Lowe	6/24/1988	A,B	W	1	2
Common Murre	1,106		662	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Pigeon Guillemot	8		8	B	L	Lowe/Zeringue	6/20/1991	M	W	3	2
Tufted Puffin	2	1		N	2	Lowe/Zeringue	6/20/1991	M	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Zeringue	6/20/1991	M	W	1	2
Brandt's Cormorant	6	3		N	2	Lowe/Zeringue	6/25/1991	B	W	1	2
Brandt's Cormorant	544	272		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Zeringue	6/25/1991	B,M	X	4	2
Pigeon Guillemot	5		5	B	L	Lowe/Pitkin	7/19/1993	B	W	3	2
Pigeon Guillemot	4		4	B	L	Lowe	6/24/1988	M	W	3	2
Pigeon Guillemot	12	6		N	2	Browning/English	5/6/1967	M	W	3	5
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	7/19/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst	7/19/1989	M	W	3	2
Black Oystercatcher	2		2	B	L	Lowe	6/24/1988	M	W	3	2

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Area Map: 243 (Newport) **Colony Number: 243-029** **"Blast Rock"**
Site Number: 029 **Lane County** **44° 8' 10" N, 124° 7' 42" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	12			U	L	Pitman	7/25/1979	C	Y	2	1
Double-crested Cormorant	100	50		N	2	Pitkin/Wells	7/8/2003	B,M	W	1	3
Brandt's Cormorant	580	290		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	94	47		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	7/19/1993	B	W	3	2
Cassin's Auklet	20		20	B	L	Browning/English	5/6/1967	C	T	4	5
Tufted Puffin	2		2	B	L	Lowe/Heimgartner/Dee	7/14/1992	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Heimgartner/Dee	7/14/1992	B	W	3	2
Leach's Storm-Petrel	4	2		N	2	Browning/English	5/6/1967	C	W	2	5
Double-crested Cormorant	4	2		N	2	Lowe/Pitkin	6/16/1993	M	W	1	2
Brandt's Cormorant	16	8		N	2	Lowe/Pitkin	6/16/1993	M	W	1	2
Brandt's Cormorant	X			O	L	Lowe/Heimgartner/Dee	7/14/1992	B	X	4	2
Brandt's Cormorant	874	437		N	2	Lowe/Naughton	6/9/1989	AP	W	2	2
Brandt's Cormorant	364	182		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	6/16/1993	M	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Zeringue	6/25/1991	B,M	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe	4/12/1990	M	X	4	2
West./Glaucous-winged Gull	12	6		N	2	Pitman	7/25/1979	C	W	2	1
Tufted Puffin	6	3	6	N	2	Lowe/Zeringue	6/25/1991	B,M	W	2	2
Tufted Puffin	11		11	B	L	Lowe	4/12/1990	M	W	3	2
Tufted Puffin	8		6	B	L	Lowe	6/24/1988	M	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	7/19/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Graybill	6/27/1979	B	W	3	1

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Area Map: 243 (Newport) **Colony Number: 243-030** **"Parrot Rock"**
Site Number: 030 **Lane County** **44° 8' 7" N, 124° 7' 43" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	100			B	L	Pitman	6/27/1979	C	W	3	1
Double-crested Cormorant	4	2		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
Brandt's Cormorant	64	32		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	84	42		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	73		44	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Pigeon Guillemot	2		2	B	L	Lowe/Zeringue	6/25/1991	B	W	3	2
Cassin's Auklet	P			O	L	Pitman	6/27/1979	C	P	4	1
Tufted Puffin	2	1		N	2	Lowe/Heimgartner/Dee	7/14/1992	B	W	2	2
Black Oystercatcher	2	1		B	L	Pitkin/Lowe	7/17/2003	B	W	3	3
Double-crested Cormorant	X			O	L	Lowe/Pitkin	6/16/1993	M	X	4	2
Double-crested Cormorant	646	323		N	2	Lowe/Riemer	6/2/1992	AP	W	1	2
Double-crested Cormorant	0	0		N	L	Lowe/Zeringue	6/25/1991	B,M	W	1	2
Double-crested Cormorant	X			O	L	Lowe	4/12/1990	M	X	4	2
Double-crested Cormorant	286	143		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	X			O	L	Lowe/Pitkin	6/16/1993	M	X	4	2
Brandt's Cormorant	380	190		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	7/19/1993	B,M	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Zeringue	6/25/1991	B	X	4	2
West./Glaucous-winged Gull	150	75		N	2	Pitman	6/27/1979	C	W	2	1
West./Glaucous-winged Gull	55		55	B	A	Browning/English	5/6/1967	M	Y	3	5
Pigeon Guillemot	5		5	B	L	Lowe/Pitkin	7/19/1993	B	W	3	2
Pigeon Guillemot	12		12	B	L	Browning/English	5/6/1967	M	W	3	5
Tufted Puffin	6	9	6	B	L	Lowe/Zeringue	6/25/1991	B,M	W	3	2
Tufted Puffin	6	3	4	N	2	Lowe	4/12/1990	M	W	1	2
Tufted Puffin	8	4		N	2	Lowe/Anderson/Matthews	7/6/1988	B	Z	3	2
Tufted Puffin	50			U	L	Pitman	6/27/1979	C	Y	3	1
Tufted Puffin	26	13		N	2	Browning/English	5/6/1967	M	W	2	5
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	7/19/1993	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Heimgartner/Dee	7/14/1992	B	W	3	2
Black Oystercatcher	2	1		N	2	Lowe/Zeringue	6/20/1991	M	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	7/6/1988	B	W	3	2

Map on page 215

"Heceta Head South" (243-28.1), "Blast Rock (243-029), and "Parrot Rock" (243-030) June 3, 1999 *David S. Pitkin*

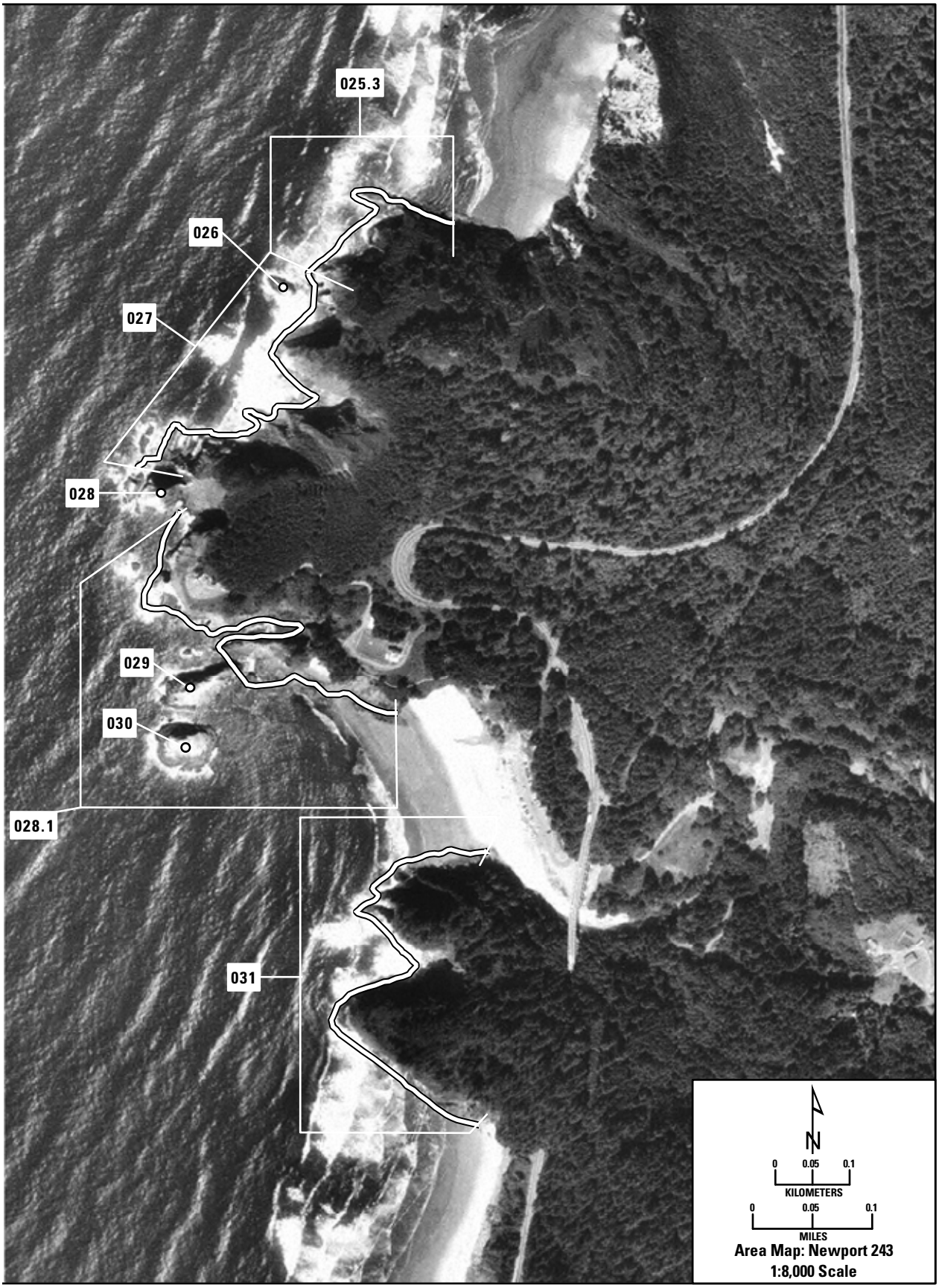
Area Map: 243 (Newport) **Colony Number: 243-026C** **"Heceta Head Complex"**
Site Number: 025.3-030 **Lane County**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	X			U	L	Griffee	1957	M	X	4	5
Unidentified Cormorant	25		25	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	35		35	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	0		0	B	L	USFWS	6/26/1972	A	W	3	4
Unidentified Cormorant	75		75	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	110		110	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	50		50	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	125		125	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	1,000		1,000	B	L	Marshall/Glahn	7/9/1964	A	T	3	4
West./Glaucous-winged Gull	35		35	B	L	Hoffman et al.	1975	M	T	4	32
West./Glaucous-winged Gull	85		85	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	90		90	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	325		325	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	50		50	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	200		200	B	L	Glahn	6/18/1970	A	T	3	4
West./Glaucous-winged Gull	100		100	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
West./Glaucous-winged Gull	25		25	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Glaucous-winged Gull	1		1	B	L	Hoffman et al.	1975		T	4	32
Tufted Puffin	35		35	B	L	USFWS	6/26/1972	A	T	4	4

Area Map: 243 (Newport) **Colony Number: 243-031** **Devils Elbow**
Site Number: 031 **Lane County** **44° 7' 57" N, 124° 7' 30" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/8/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Zeringue	6/25/1991	B	W	1	2
Pigeon Guillemot	21		21	B	L	Lowe/Heimgartner/Dee	7/14/1992	B	W	3	2
Tufted Puffin	2		2	B	L	Lowe/Heimgartner/Dee	7/14/1992	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Zeringue	6/25/1991	B	W	3	2
Pelagic Cormorant	6	3		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
Brandt's Cormorant	X			O	L	Lowe/Heimgartner/Dee	7/14/1992	B	X	4	2
Brandt's Cormorant	0	0		N	L	Lowe	6/5/1991	AP	W	1	2
Brandt's Cormorant	8	4		N	2	Lowe	5/24/1988	M	W	1	2
Brandt's Cormorant	46	23		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
West./Glaucous-winged Gull	4	2		N	2	Lowe	5/24/1988	M	W	1	2
Pigeon Guillemot	6		6	B	L	Lowe/Pitkin	7/19/1993	B	W	3	2
Pigeon Guillemot	21		21	B	L	Lowe/Zeringue	6/25/1991	B	W	3	2
Pigeon Guillemot	2		2	B	L	Lowe	5/24/1988	M	W	3	2
Pigeon Guillemot	20		20	B	L	Pitman/Graybill	6/27/1979	B	W	3	1
Black Oystercatcher	3		3	B	L	Lowe/Pitkin	7/19/1993	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe	5/24/1988	M	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Graybill	6/27/1979	B	W	3	1

Map on page 215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Area Map: Newport 243
1:8,000 Scale

Area Map: 243 (Newport) **Colony Number: 243-032** **"Unnamed Colony"**
Site Number: 032 **Lane County** **44° 7' 33" N, 124° 7' 36" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/8/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pigeon Guillemot	7		7	B	L	Lowe	6/5/1988	M	W	3	2
Pelagic Cormorant	6	3		N	2	Lowe	6/5/1988	M	W	1	2
Brandt's Cormorant	24	12		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
West./Glaucous-winged Gull	2	1		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
Pigeon Guillemot	25		25	B	L	Pitman/Graybill	6/27/1979	B	W	3	1

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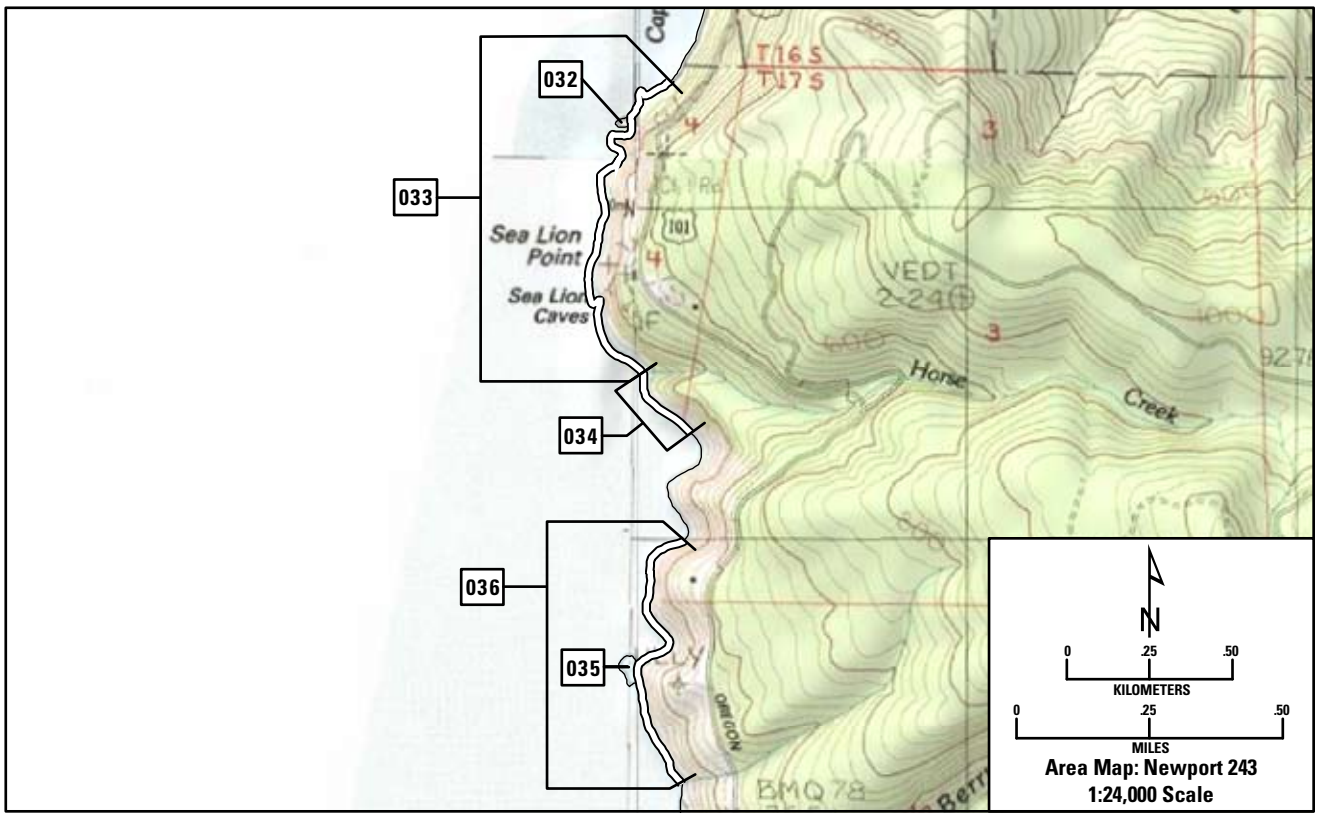
Area Map: 243 (Newport) **Colony Number: 243-033** **"Sea Lion Caves Headlands"**
Site Number: 033 **Lane County** **44° 7' 25" N, 124° 7' 39" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	0	0		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	38	19		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
Brandt's Cormorant	1,474	737		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	128	64		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Common Murre	28		17	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Pigeon Guillemot	159		159	B	L	Lowe/Brown	5/21/1988	B	W	3	2
Rhinoceros Auklet	16		16	B	L	Lowe/Zeringue	6/25/1991	B	W	3	2
Tufted Puffin	7		7	B	L	Lowe/Anderson	6/5/1988	M	W	3	2
Black Oystercatcher	2		2	B	L	Lowe	5/24/1988	M	W	3	2
Double-crested Cormorant	10	5		N	2	Lowe/Anderson	5/5/1988	M	W	1	2
Double-crested Cormorant	24	12		N	2	Pitman	7/10/1979	M	W	2	1
Pelagic Cormorant	6	3		N	2	Lowe/Pitkin	6/16/1993	M	W	1	2
Pelagic Cormorant	60	30		N	2	Lowe/Anderson	6/5/1988	M	W	1	2
Pelagic Cormorant	40	20		N	2	Pitman/Graybill	6/27/1979	B	W	2	1
Brandt's Cormorant	4	2		N	2	Lowe/Pitkin	6/16/1993	M	W	1	2
Brandt's Cormorant	628	314		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	4,500	2,250		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	200		200	B	L	Pitman	7/10/1979	M	W	3	1
Pigeon Guillemot	24		24	B	L	Pitman	7/10/1979	M	W	3	1
Rhinoceros Auklet	100		100	B	L	Lowe/Brown	5/21/1988	B	Y	3	2
Rhinoceros Auklet	P			O	L	Pitman	7/10/1979	M	P	4	1
Black Oystercatcher	2		2	B	L	Pitman	7/10/1979	M	W	3	1

Map on page 225



"Sea Lion Caves Headlands" (243-033) June 10, 2003 *Roy W. Lowe*

Area Map: 243 (Newport) **Colony Number: 243-034** **"Unnamed Colony"**
Site Number: 034 **Lane County** **44° 7' 5" N, 124° 7' 31" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/8/2003	B	W	1	3
Brandt's Cormorant	10	5		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	24	12		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Anderson	6/24/1988	M	W	3	2
Unidentified Cormorant	4	2		N	2	Lowe/Pitkin	7/19/1993	B	W	3	2
Pelagic Cormorant	6	3		N	2	Lowe/Anderson/Matthews	7/6/1988	B	W	1	2
Brandt's Cormorant	X			O	L	Lowe/Zeringue	6/25/1991	B	X	4	2
Brandt's Cormorant	102	51		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	2	1		N	2	Pitman/Graybill	6/27/1979	B	W	1	1

Map on page 225

Area Map: 243 (Newport) **Colony Number: 243-034C** **"Sea Lion Caves Complex"**
Site Number: 033-034 **Lane County**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	300		300	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	400		400	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	1,200		1,200	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Pelagic Cormorant	2		2	B	L	Muir	5/7/1960	M	T	4	11
Pelagic Cormorant	X			U	L	Kubat	5/30/1949	M	X	4	11
Brandt's Cormorant	X			U	L	McCamant	6/16/1965	M	X	4	18
Brandt's Cormorant	300		300	B	L	Boggs/Boggs	1964	M	T	4	17
Brandt's Cormorant	40		40	B	L	Payne	8/12/1961	M	T	4	11
Brandt's Cormorant	1,000		1,000	B	L	Muir	5/7/1960	M	Y	4	11
Brandt's Cormorant	X			O	L	Kubat	5/30/1949	M	X	4	11
West./Glaucous-winged Gull	79		79	B	L	Hoffman et al.	1975	M	T	4	32
West./Glaucous-winged Gull	125		125	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	20		20	B	L	McCamant	6/16/1965	M	T	4	18
Pigeon Guillemot	40		40	B	L	Muir	5/7/1960	M	T	4	11
Rhinoceros Auklet	X			U	L	Buckley	7/16/1972	M	X	4	27
Rhinoceros Auklet	X			U	L	Anon.	1970	M	X	4	22
Rhinoceros Auklet	20		20	B	L	McCamant/Forsman	6/24/1969	M	T	4	23
Black Oystercatcher	2		2	B	L	McCamant	6/16/1965	M	W	4	18

Area Map: 243 (Newport) **Colony Number: 243-035** **Cox Rock**
Site Number: 035 **Lane County** **44° 6' 39" N, 124° 7' 35" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/8/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	24	12		N	2	Lowe/Zeringue	6/25/1991	B,M	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Zeringue	6/25/1991	B	W	3	2
Pelagic Cormorant	0		0	B	L	Lowe/Heimgartner/Dee	7/14/1992	B	W	1	2
Pelagic Cormorant	12	6		N	2	Pitman	7/26/1979	M	W	2	1
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/4/2002	AP	W	1	3
Brandt's Cormorant	858	429		N	2	Lowe/Pitkin	6/10/1998	AP	W	1	2
Brandt's Cormorant	38	19		N	2	Lowe/Pitkin	6/10/1997	AP	W	1	2
Brandt's Cormorant	0	0		B	L	Lowe	5/2/1996	M	W	1	2
Brandt's Cormorant	674	337		N	2	Lowe/Pitkin	6/10/1994	AP	W	1	2
Brandt's Cormorant	X			O	L	Lowe/Pitkin	7/19/1993	B	X	4	2
Brandt's Cormorant	850	425		N	2	Lowe/Pitkin	6/24/1993	AP	W	1	2
Brandt's Cormorant	0		0	B	L	Lowe/Heimgartner/Dee	7/14/1992	B	W	1	2
Brandt's Cormorant	1,100	550		N	2	Lowe/Naughton	6/5/1991	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Naughton	6/14/1990	AP	W	1	2
Brandt's Cormorant	146	73		N	2	Lowe/Naughton	6/9/1989	AP	W	1	2
Brandt's Cormorant	1,668	834		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
Brandt's Cormorant	80	40		N	2	Pitman	6/22/1979	AP	W	2	1
West./Glaucous-winged Gull	0		0	B	L	Lowe/Heimgartner/Dee	7/14/1992	B	W	1	2
West./Glaucous-winged Gull	24	12		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	74	37		N	2	Pitman	7/26/1979	M	W	2	1
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	7/6/1988	B	W	3	2

Map on page 225

Due to Bald Eagle disturbance at this colony the most recent survey data are not included in the MRA box.

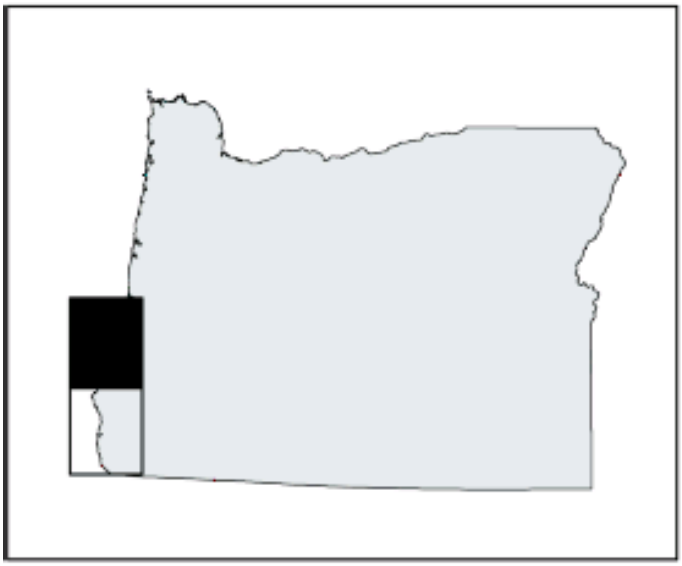
Area Map: 243 (Newport) **Colony Number: 243-036** **"Cox Rock Mainland"**
Site Number: 036 **Lane County** **44° 6' 41" N, 124° 7' 31" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	4	2		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
Brandt's Cormorant	14	7		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
West./Glaucous-winged Gull	28	14		N	2	Lowe/Zeringue	6/20/1991	B,M	W	1	2
Pigeon Guillemot	26		26	B	L	Lowe/Zeringue	6/25/1991	B	W	3	2
Tufted Puffin	4		4	B	L	Lowe/Zeringue	6/25/1991	B,M	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Zeringue	6/25/1991	B	W	3	2
Pelagic Cormorant	12	6		N	2	Lowe/Pitkin	7/19/1993	B	W	1	2
Pelagic Cormorant	8	4		N	2	Lowe/Heimgartner/Dee	7/14/1992	B	W	1	2
Pelagic Cormorant	12	6		N	2	Lowe/Zeringue	6/25/1991	B	W	1	2
Pelagic Cormorant	12	6		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
Brandt's Cormorant	0	0		B	L	Lowe	5/2/1996	M	W	1	2
Brandt's Cormorant	190	95		N	2	Lowe/Zeringue	6/25/1991	B	W	1	2
Brandt's Cormorant	50	25		N	2	Lowe/Anderson	6/4/1988	M	W	1	2
West./Glaucous-winged Gull	12	6		N	2	Lowe/Anderson	6/4/1988	AP	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Pitman/Graybill	6/27/1979	B	W	1	1
Pigeon Guillemot	15		15	B	L	Lowe/Anderson	6/5/1988	M	W	3	2
Tufted Puffin	4	2	4	N	2	Lowe/Anderson	6/5/1988	M	W	2	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	7/6/1988	B	W	3	2

Map on page 225

Area Map: 243 (Newport) **Colony Number: 243-035C** **"Cox Rock Complex"**
Site Number: 035-036 **Lane County**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	15		15	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	400		400	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	190		190	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	25		25	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	X			U	L	Glahn	6/18/1970	A	X	4	4
Unidentified Cormorant	10		10	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	150		150	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	30		30	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	45		45	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	6		6	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4



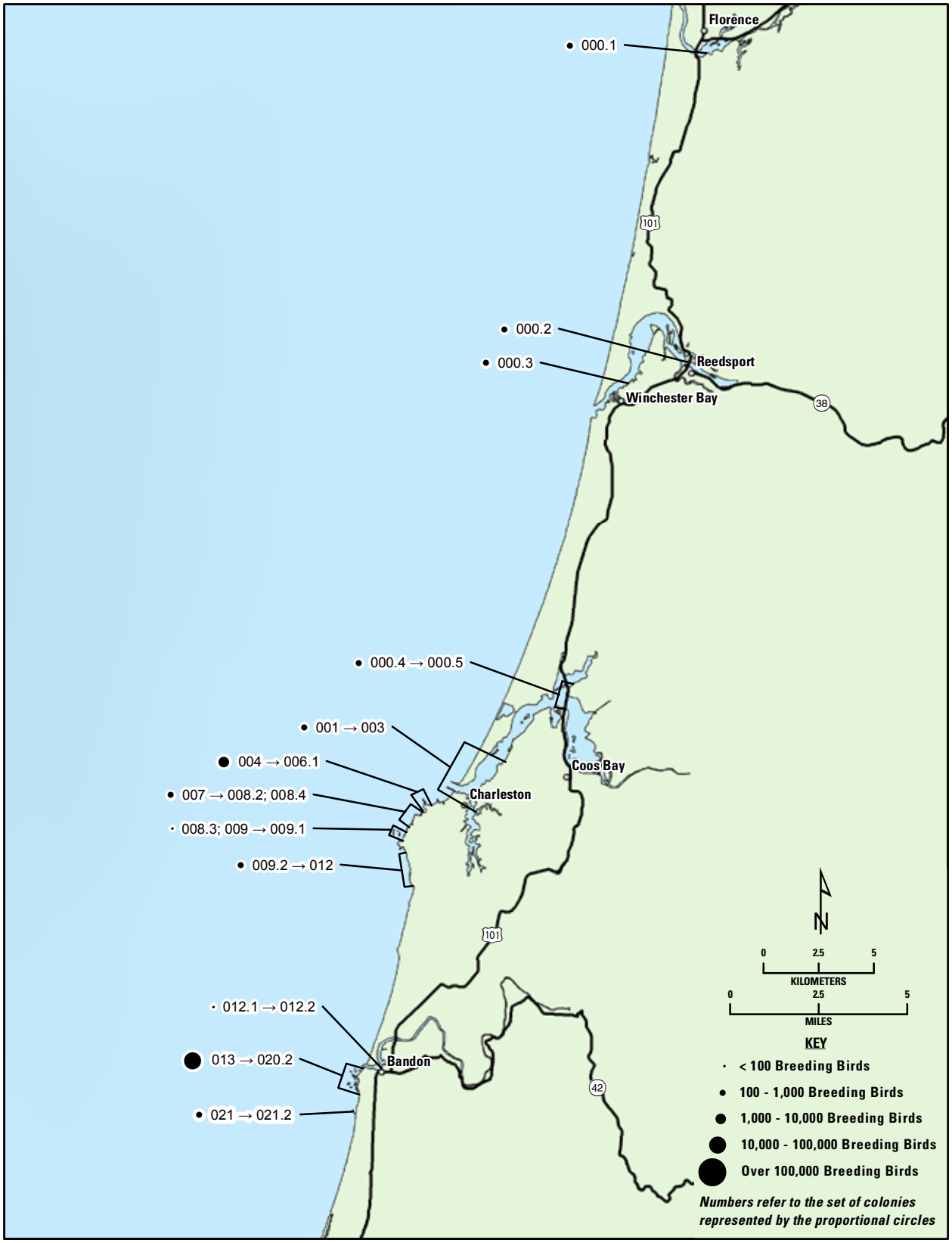
270 North Coos Bay

The map on the facing page is an index to the locations and relative sizes of seabird colonies within map 270 North, Coos Bay, located along the south central Oregon coast. When the colonies were originally numbered, the Coos Bay 1:250,000 topographic map encompassed two degrees of latitude, extending from latitude 44° N (near Florence) to 42° N (Oregon/California border). In 1981 the topographic map was revised and split in two: Coos Bay - the northern portion from 43° N to 44° N; and, Cape Blanco - from 42° N to 43° N. The original map number is retained in the colony designations but the area maps are hereafter referred to as map 270 North - Coos Bay and map 270 South - Cape Blanco. To reduce the complexity of this index, adjacent colonies are grouped together and the individual colonies in each group are indicated by the inclusive site numbers, separated by an arrow. On the pages following this map, all colonies are listed sequentially and a detailed map of each is provided.

Numbers of breeding seabirds will vary from year to year. Below are the most recent estimates of breeding seabirds within this region:

Leach's Storm-Petrel	232
Double-crested Cormorant	1,900
Brandt's Cormorant	3,076
Pelagic Cormorant	1,396
Black Oystercatcher	46
Western/Glaucous-winged Gull	1,944
Common Murre	63,044
Pigeon Guillemot	695
Cassin's Auklet	+
Rhinoceros Auklet	10
Tufted Puffin	47
TOTAL	**72,400**

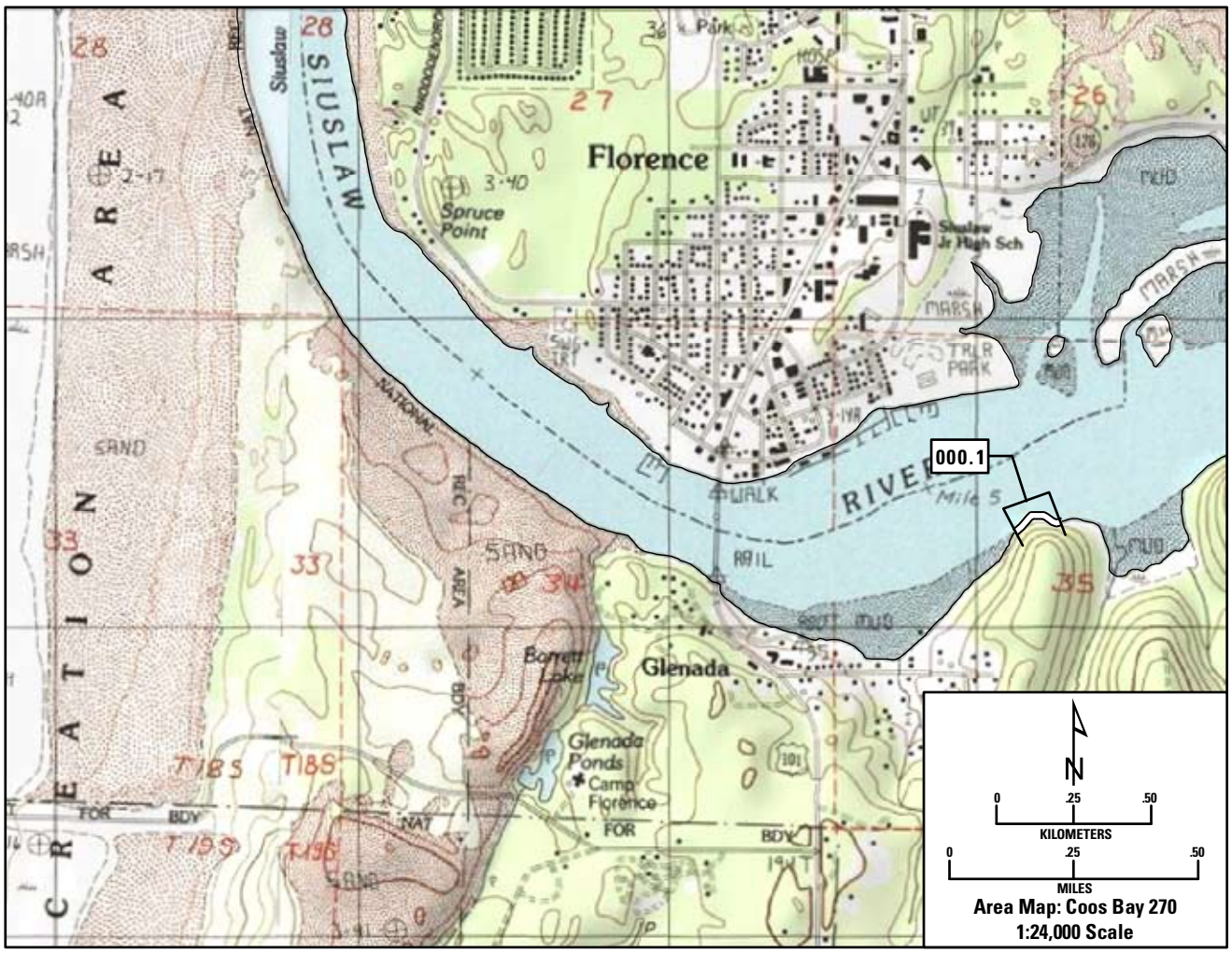
Area Map 270 North—Coos Bay



Area Map: 270 (Coos Bay) **Colony Number: 270-000.1** **"Siuslaw River Trees"**
Site Number: 000.1 **Lane County** **43° 57' 54" N, 124° 5' 45" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	150	75		N	2	Pitkin/Wells	7/22/2003	M	W	2	3
Double-crested Cormorant	274	137		N	2	Lowe/Riemer	6/2/1992	AP	W	2	2
Double-crested Cormorant	320	160		N	2	Lowe/Zeringue	6/25/1991	B	W	2	2
Double-crested Cormorant	272	136		N	2	Lowe/Naughton	6/8/1990	M	W	1	2
Double-crested Cormorant	128	64		N	2	Lowe/Anderson/Matthews	7/6/1988	M	W	1	2

Map on page 233


Florence
Spruce Point
Glenada
Glenada Ponds
Camp Florence
Barrett Lake
SIUSLAW
RIVER
000.1
Mile 5
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Coos Bay 270
1:24,000 Scale

Area Map: 270 (Coos Bay)
Site Number: 000.2

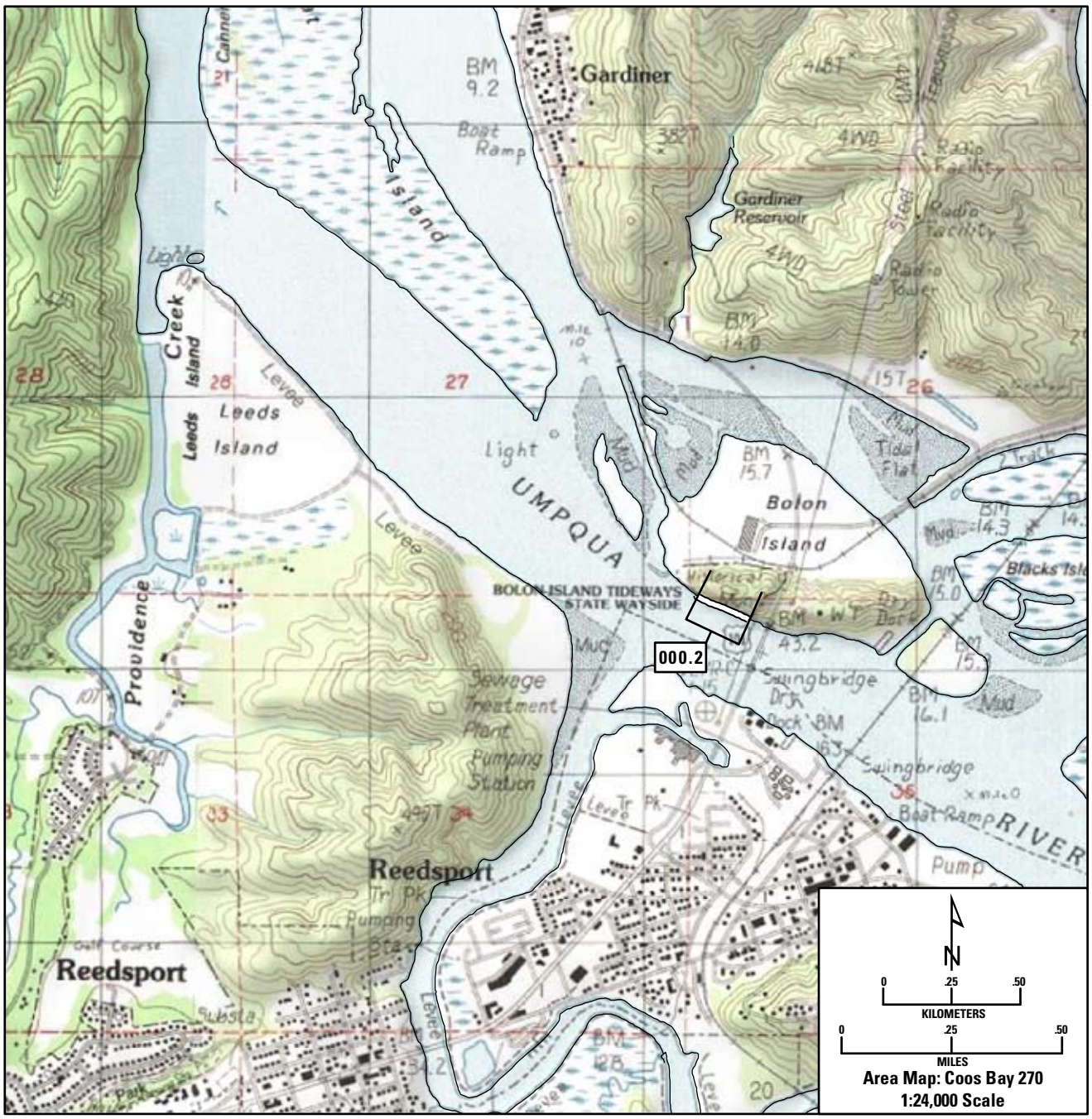
Colony Number: 270-000.2
Douglas County

Bolon Island
43° 42' 42" N, 124° 6' 9" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	652	326		N	2	Pitkin/Wells	7/22/2003	M	W	2	3
Double-crested Cormorant	262	131		N	2	Heimgartner	7/29/1992	M	W	2	2
Double-crested Cormorant	250	125		N	2	Lowe/Naughton	6/8/1990	M	W	2	2
Double-crested Cormorant	250	125		N	2	Lowe/Naughton	6/8/1988	M	W	2	2

Map on page 235

Bolon Island Double-crested Cormorant colony (270-000.2) June 10, 2003 *Roy W. Lowe*

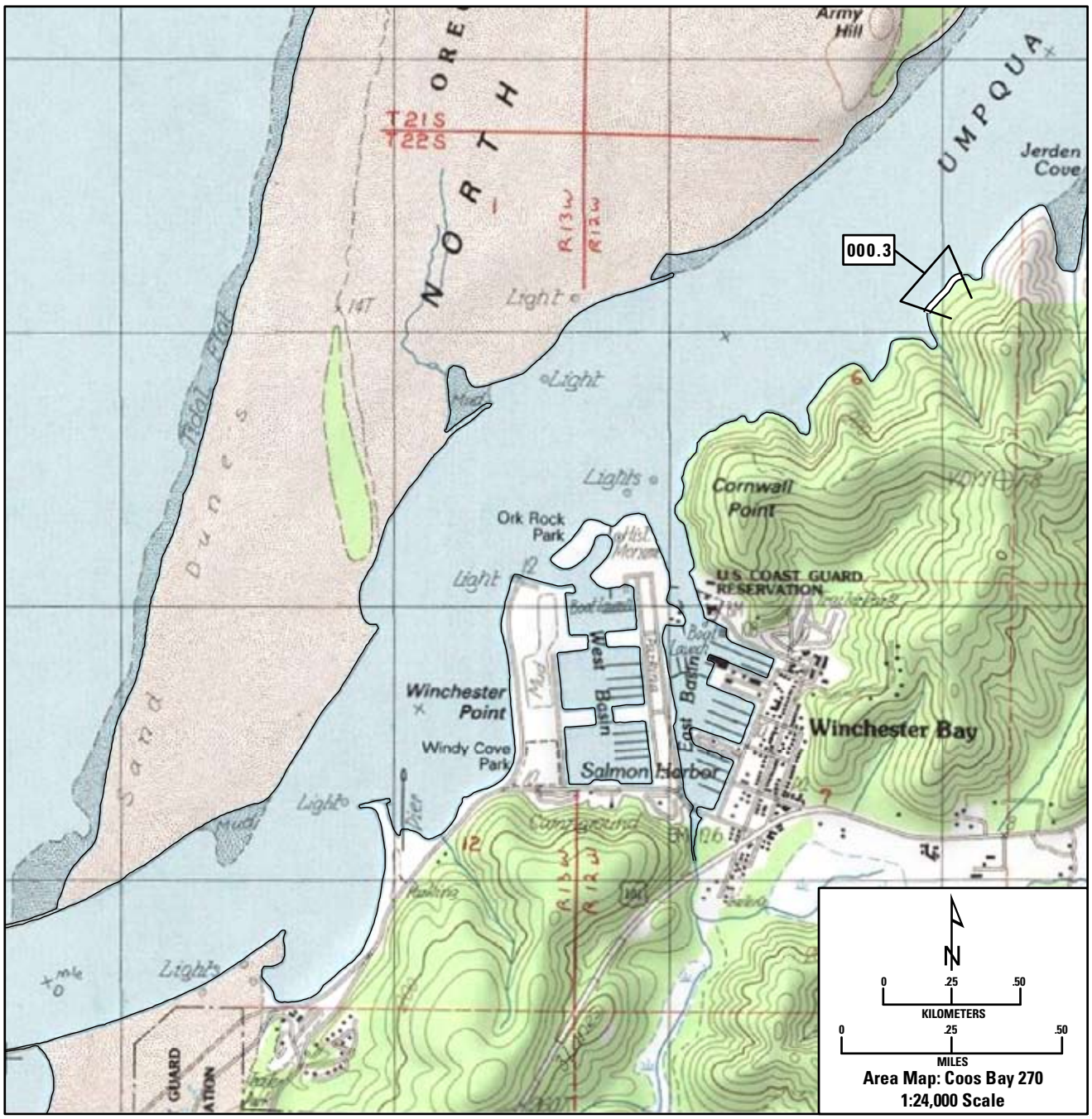


Area Map: Coos Bay 270
1:24,000 Scale

Area Map: 270 (Coos Bay) **Colony Number: 270-000.3** **"Unnamed Colony"**
Site Number: 000.3 **Douglas County** **43° 41' 32" N, 124° 10' 3" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	326	163		N	2	Pitkin/Wells	7/22/2003	B	W	2	3
Double-crested Cormorant	X			O	L	Lowe/Pitkin	6/9/1999	AP	X	4	2

Map on page 237


Army Hill
UMPQUA
Jerden Cove
NORTH
T21S
T22S
R13W
R12W
000.3
Light
Lights
Cornwall Point
Ork Rock Park
U.S. COAST GUARD RESERVATION
Winchester Point
Windy Cove Park
West Basin
East Basin
Salmon Harbor
Winchester Bay
Tidal Flat
Sand Dunes
Mud
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Coos Bay 270
1:24,000 Scale

Area Map: 270 (Coos Bay) **Colony Number: 270-000.4** **"Unnamed Colony"**
Site Number: 000.4 **Coos County** **43° 26' 31" N, 124° 13' 1" W**

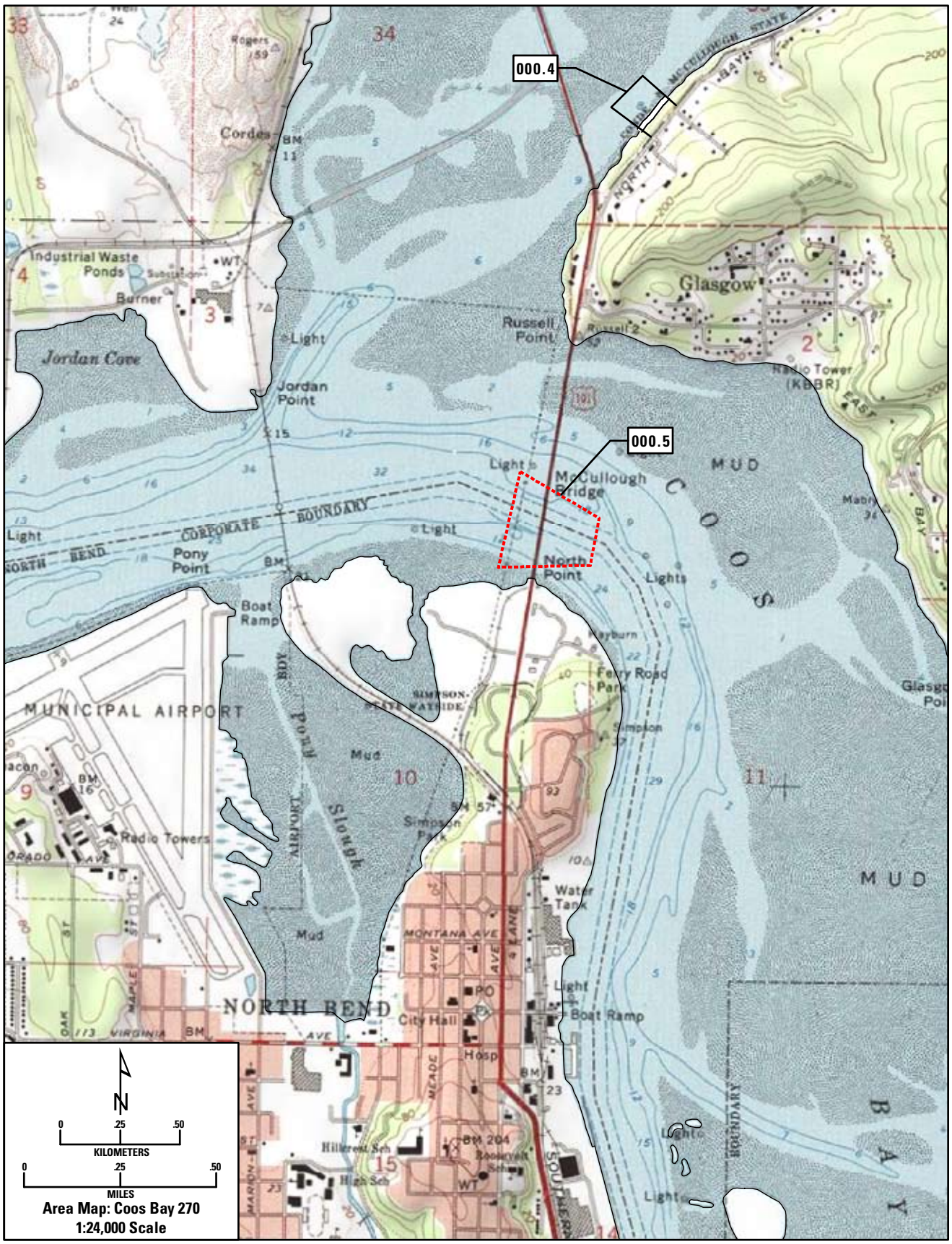
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	290	145		N	2	Pitkin/Wells	7/22/2003	M	W	2	3
Double-crested Cormorant	24	12		N	2	Lowe	8/3/1999	M	W	1	2

Map on page 239

Area Map: 270 (Coos Bay) **Colony Number: 270-000.5** **"Unnamed Colony"**
Site Number: 000.5 **Coos County** **43° 25' 34" N, 124° 13' 21" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	228	114		N	2	Pitkin/Wells	7/22/2003	M	W	1	3
Double-crested Cormorant	32	16		N	2	Castelein	8/2/2000	M	W	1	2

Map on page 239


000.4
000.5
Cordes
Industrial Waste Ponds
Burner
Jordan Cove
Jordan Point
Russell Point
Glasgow
Radio Tower (KBBR)
McCullough Bridge
North Point
Pony Point
CORPORATE BOUNDARY
NORTH BEND
Boat Ramp
MUNICIPAL AIRPORT
Radio Towers
Slough
Mud
Simpson Park
Ferry Road Park
Water Tank
MONTANA AVE
NORTH BEND
City Hall
Hosp
Boat Ramp
Hillcrest Sch
High Sch
Roosevelt Sch
COOS BAY
MUD
Lights
Light
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Coos Bay 270
1:24,000 Scale

Area Map: 270 (Coos Bay)
Site Number: 001

Colony Number: 270-001
Coos County

Sitka Dock
43° 22' 37" N, 124° 17' 49" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	114		114	B	L	Graybill/Hodder	7/24/1988	B	W	2	39
Pigeon Guillemot	89		89	B	L	Hodder	1983	M	Z	2	30
Pigeon Guillemot	112		112	B	L	Hodder	1982	M	Z	2	30
Pigeon Guillemot	250		250	B	L	Graybill/Hodder	July/1979	C	T	4	1

Map on page 241

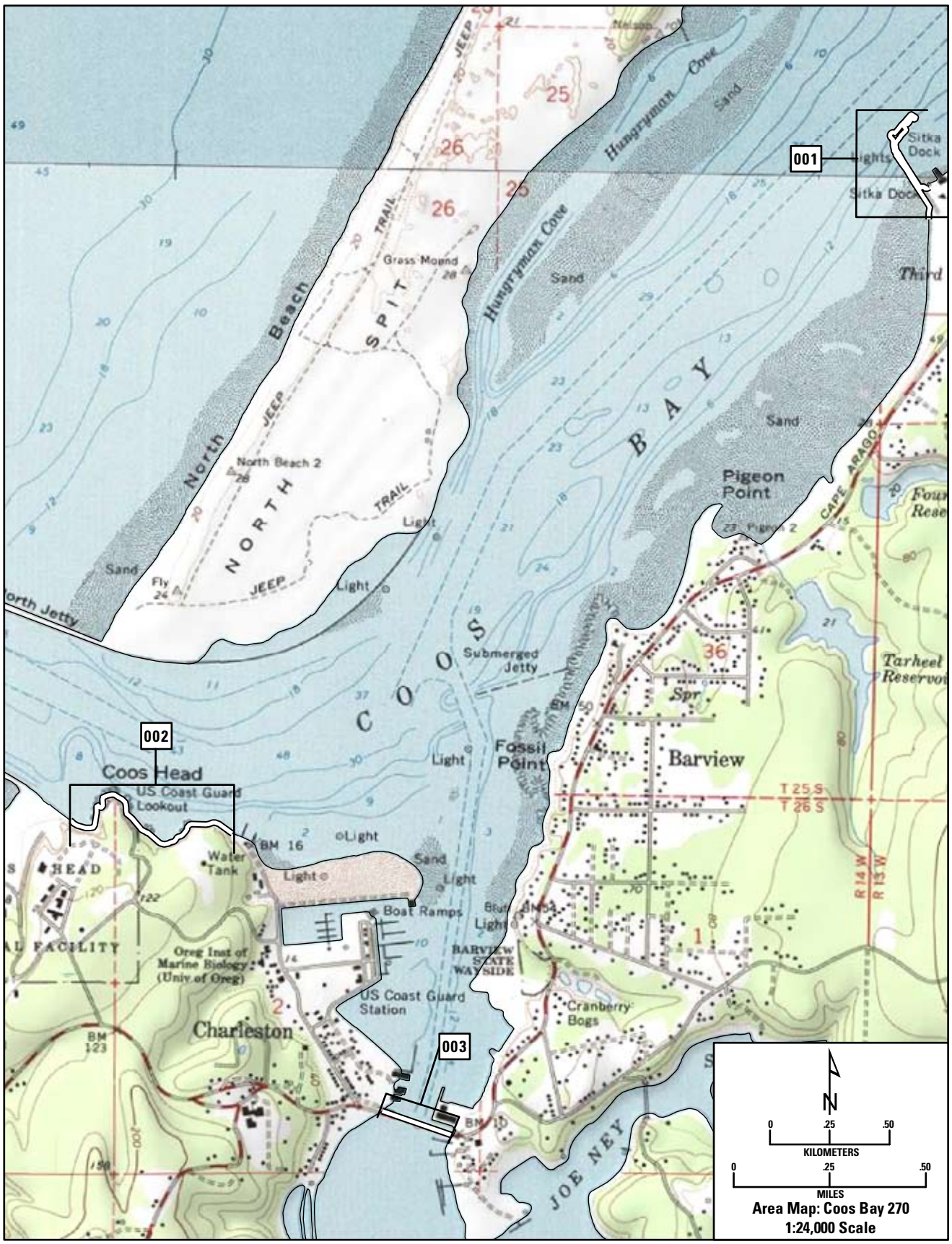
Area Map: 270 (Coos Bay)
Site Number: 002

Colony Number: 270-002
Coos County

Coos Head
43° 20' 60" N, 124° 20' 10" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	118	59		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pigeon Guillemot	48		48	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
Black Oystercatcher	6		6	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Pelagic Cormorant	144	72		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pelagic Cormorant	80	40		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pelagic Cormorant	4	2		N	2	Pitman/Graybill/Varoujean	4/28/1979	B	W	1	1
Pelagic Cormorant	18		18	B	L	Varoujean	1977	M	T	4	1
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pigeon Guillemot	55		55	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Pigeon Guillemot	4		4	B	L	Pitman/Graybill/Varoujean	4/28/1979	B	W	3	1
Pigeon Guillemot	10		10	B	L	Varoujean	1977	M	T	4	1
Pigeon Guillemot	31		31	B	L	Malcolm	8/6/1973	M	T	4	1
Black Oystercatcher	2		2	B	L	Pitman/Graybill/Varoujean	4/28/1979	B	W	3	1

Map on page 241


001
002
003
Sitka Dock
Hungryman Cove
Sand
Third
North Beach
North Beach 2
NORTH SPIT
JEEP TRAIL
Grass Mound
COOS BAY
Pigeon Point
Submerged Jetty
Fossil Point
Barview
Coos Head
US Coast Guard Lookout
Water Tank
Boat Ramps
Oreg Inst of Marine Biology (Univ of Oreg)
US Coast Guard Station
BARVIEW STATE WAYSIDE
Cranberry Bogs
Charleston
JOE NEY
Tarheel Reservoir
T 25 S
T 26 S
R 14 W
R 13 W
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Coos Bay 270
1:24,000 Scale

Area Map: 270 (Coos Bay)
Site Number: 003

Colony Number: 270-003
Coos County

"Charleston Bridge"
43° 20' 20" N, 124° 19' 17" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	13		13	B	L	Matthews	6/30/1988	M	W	3	2
Pigeon Guillemot	25		25	B	L	Graybill/Hodder	1979	C	T	4	1

Map on page 241

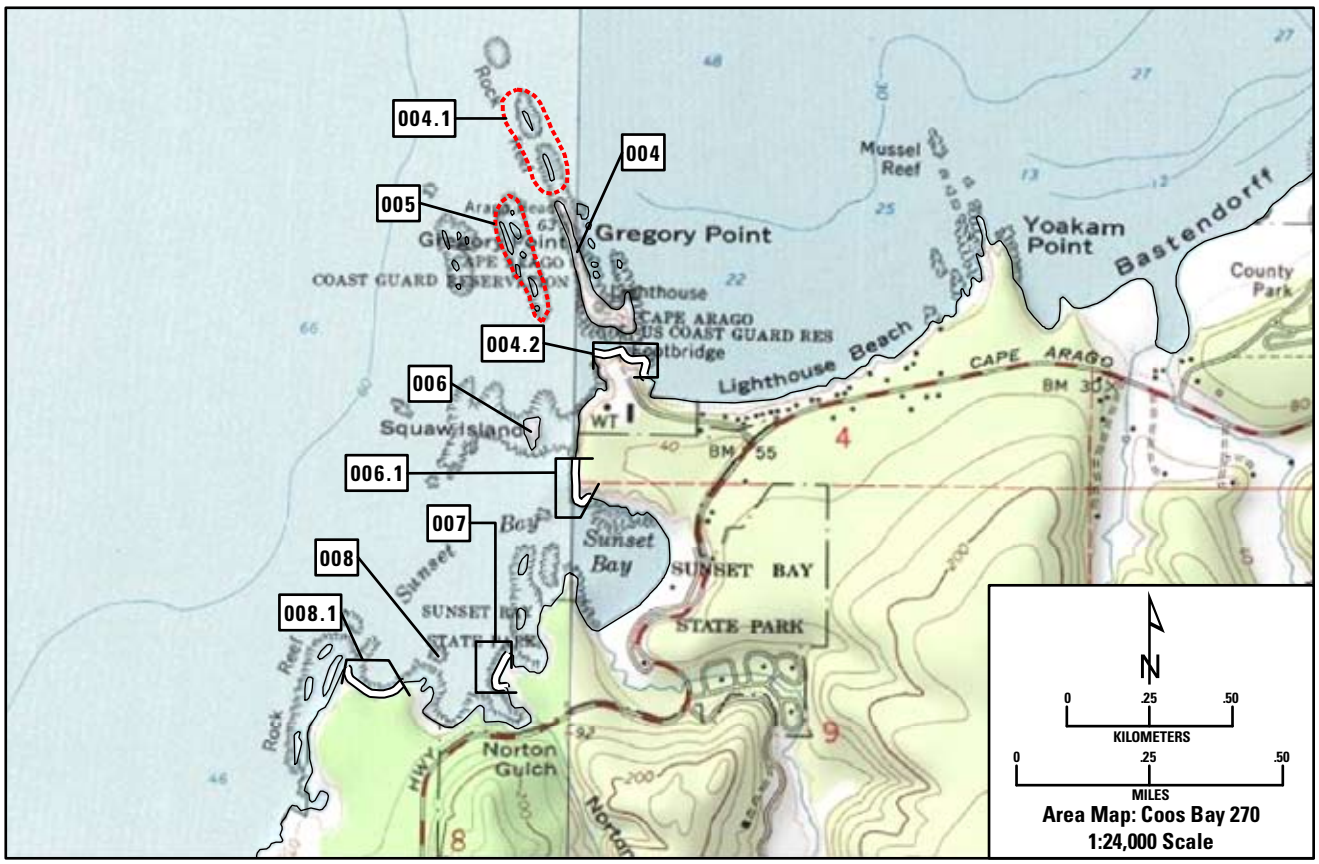
Area Map: 270 (Coos Bay)
Site Number: 004

Colony Number: 270-004
Coos County

Chiefs Island
43° 20' 34" N, 124° 22' 34" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	0	0		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	58	29		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
Brandt's Cormorant	510	255		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	292	146		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	179		107	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Pigeon Guillemot	72		72	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
Rhinoceros Auklet	10		10	B	L	Lowe/Heimgartner	7/21/1992	B	W	4	2
Tufted Puffin	13		13	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
Double-crested Cormorant	506	253		N	2	Lowe/Dee	6/4/1992	AP	W	3	2
Double-crested Cormorant	X			O	L	Lowe	5/2/1996	C	X	4	2
Double-crested Cormorant	112	56		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Pelagic Cormorant	X			O	L	Lowe	5/2/1996	C	X	4	2
Pelagic Cormorant	180	90		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pelagic Cormorant	294	147		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Brandt's Cormorant	X			O	L	Lowe	5/2/1996	C	X	4	2
Brandt's Cormorant	634	317		N	2	Lowe/Dee	6/4/1992	AP	W	3	2
Brandt's Cormorant	396	198		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe	5/2/1996	C	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Heimgartner	7/21/1992	B	X	4	2
Pigeon Guillemot	X			O	L	Lowe	5/2/1996	C	X	4	2
Pigeon Guillemot	150		150	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Pigeon Guillemot	120		120	B	L	Pitman/Varoujean	4/30/1979	M	W	3	1
Rhinoceros Auklet	P			O	L	Lowe/Anderson/Matthews	6/13/1988	B	P	4	2
Tufted Puffin	4			B	L	Pitman/Varoujean	4/30/1979	M	W	3	1
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	4/30/1979	M	W	3	1

Map on page 243



Chief's Island (270-004) and "Unnamed Colonies" at Gregory Point (270-004.1 and 270-005)
June 7, 2001 *Roy W. Lowe*

Area Map: 270 (Coos Bay) **Colony Number: 270-004.1** **"Unnamed Colony"**
Site Number: 004.1 **Coos County** **43° 20' 45" N, 124° 22' 40" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	22	11		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Pigeon Guillemot	34		34	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
West./Glaucous-winged Gull	X			O	L	Lowe/Heimgartner	7/21/1992	B	X	4	2

Map on page 243

Area Map: 270 (Coos Bay) **Colony Number: 270-004.2** **"Unnamed Colony"**
Site Number: 004.2 **Coos County** **43° 20' 24" N, 124° 22' 28" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	32	16		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	8	4		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
Double-crested Cormorant	X			O	L	Pitkin/Lowe	6/15/2000	AP	X	4	3

Map on page 243

Area Map: 270 (Coos Bay) **Colony Number: 270-005** **"Unnamed Colony"**
Site Number: 005 **Coos County** **43° 20' 34" N, 124° 22' 42" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	20	10		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
Brandt's Cormorant	194	97		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	8	4		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Common Murre	3		2	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Pigeon Guillemot	7		7	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
Black Oystercatcher	6		6	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Pelagic Cormorant	16	8		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pelagic Cormorant	34	17		N	2	Pitman/Varoujean	4/30/1979	M	W	2	1
Brandt's Cormorant	0	0		U	L	Lowe/Pitkin	6/9/1999	AP	W	1	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/9/1999	AP	W	2	2
Pigeon Guillemot	7		7	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	4/30/1979	M	W	3	1

Map on page 243

Area Map: 270 (Coos Bay)
Site Number: 006

Colony Number: 270-006
Coos County

Qochyax (Squaw) Island
43° 20' 16" N, 124° 22' 40" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	214	107		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	26	13		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
West./Glaucous-winged Gull	16	8		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pigeon Guillemot	16		16	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
Black Oystercatcher	3		3	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
Pelagic Cormorant	12	6		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pelagic Cormorant	10	5		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Pigeon Guillemot	2		2	B	L	Pitman/Graybill/Varoujean	6/28/1979	B	W	2	1
Black Oystercatcher	2		2	B	L	Rudy	7/11/1979	M	W	3	1

Map on page 243

Area Map: 270 (Coos Bay)
Site Number: 004-006

Colony Number: 270-004C
Coos County

"Gregory Point Complex"
43° 20' 33" N, 124° 22' 37" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	153		153	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	65		65	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	65		65	B	L	USFWS	6/26/1972	A	T	3	4
Pelagic Cormorant	34		34	B	L	Varoujean	1977	M	T	4	1
West./Glaucous-winged Gull	440		440	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	260		260	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	165		165	B	L	USFWS	6/26/1972	A	T	3	4
Common Murre	0		0	B	L	USFWS	June/1976	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/28/1975	A	W	3	4
Common Murre	44		44	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/26/1972	A	W	3	4

Area Map: 270 (Coos Bay) **Colony Number: 270-006.1** **"Sunset Bay North"**
Site Number: 006.1 **Coos County** **43° 20' 11" N, 124° 22' 34" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	46	23		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pelagic Cormorant	38	19		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pelagic Cormorant	80	40		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2

Map on page 243

Area Map: 270 (Coos Bay) **Colony Number: 270-007** **"Unnamed Colony"**
Site Number: 007 **Coos County** **43° 19' 52" N, 124° 22' 44" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	2	1	2	N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pigeon Guillemot	3		3	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Pigeon Guillemot	4		4	B	L	Pitman/Varoujean	4/30/1979	M	W	3	1

Map on page 243

Area Map: 270 (Coos Bay) **Colony Number: 270-008** **"OIMB Cormorant Colony"**
Site Number: 008 **Coos County** **43° 19' 54" N, 124° 22' 52" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	96	48		N	2	Hodder	6/25/2004	M	W	1	30
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pigeon Guillemot	4		4	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
Pelagic Cormorant	68	34		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
Pelagic Cormorant	80	40		N	2	Hodder	6/20/2003	M	W	1	30
Pelagic Cormorant	74	37		N	2	Hodder	6/22/2002	M	W	1	30
Pelagic Cormorant	54	27		N	2	Hodder	6/26/2001	M	W	1	30
Pelagic Cormorant	28	14		N	2	Hodder	6/21/2000	M	W	1	30
Pelagic Cormorant	50	25		N	2	Hodder	6/20/1999	M	W	1	30
Pelagic Cormorant	60	30		N	2	Hodder	6/27/1997	M	W	1	30
Pelagic Cormorant	70	35		N	2	Hodder	6/21/1996	M	W	1	30
Pelagic Cormorant	66	33		N	2	Hodder	6/27/1995	M	W	1	30

Colony 270-008 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	42	21		N	2	Hodder	6/25/1994	M	W	1	30
Pelagic Cormorant	46	23		N	2	Hodder	6/21/1993	M	W	1	30
Pelagic Cormorant	44	22		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pelagic Cormorant	56	28		N	2	Hodder	6/24/1992	M	W	1	30
Pelagic Cormorant	78	39		N	2	Hodder	6/26/1991	M	W	1	30
Pelagic Cormorant	72	36		N	2	Hodder	6/21/1990	M	W	1	30
Pelagic Cormorant	80	40		N	2	Hodder	6/24/1989	M	W	1	30
Pelagic Cormorant	70	35		N	2	Hodder	6/26/1988	M	W	1	30
Pelagic Cormorant	66	33		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pelagic Cormorant	78	39		N	2	Hodder	6/24/1987	M	W	1	30
Pelagic Cormorant	74	37		N	2	Hodder	6/28/1986	M	W	1	30
Pelagic Cormorant	78	39		N	2	Hodder	6/24/1985	M	W	1	30
Pelagic Cormorant	88	44		N	2	Hodder	6/21/1984	M	W	1	30
Pelagic Cormorant	84	42		N	2	Hodder	6/20/1983	M	W	1	30
Pelagic Cormorant	90		90	B	L	Novak	6/24/1982	M	W	1	30
Pelagic Cormorant	111		111	B	L	Radtke	6/20/1981	M	W	1	30
Pelagic Cormorant	38	19		N	2	Tibbits	6/21/1980	M	W	1	30
Pelagic Cormorant	56	28		N	2	Graybill	7/20/1979	M	W	1	1
Pelagic Cormorant	58		58	B	L	Shaffer	6/28/1978	M	W	1	30
Pelagic Cormorant	64	32		N	2	Graybill	6/25/1977	M	W	1	30
Pelagic Cormorant	72		72	B	L	Love/Hood	6/28/1976	M	W	1	30
Pelagic Cormorant	110		110	B	L	Smith	6/28/1975	M	W	1	30
Pelagic Cormorant	64		64	B	L	Oulette	6/26/1974	M	W	1	30
Pelagic Cormorant	58		58	B	L	Bill	6/23/1973	M	W	1	30
Pigeon Guillemot	7		7	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Black Oystercatcher	3		3	B	L	Graybill	7/20/1979	M	W	3	1

Map on page 243

Area Map: 270 (Coos Bay)
Site Number: 008.1

Colony Number: 270-008.1
Coos County

"Unnamed Colony"
43° 19' 50" N, 124° 23' 2" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/8/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pigeon Guillemot	6		6	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Pelagic Cormorant	12	6		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2

Map on page 243

Area Map: 270 (Coos Bay) **Colony Number: 270-008.2** **"Shore Acres"**
Site Number: 008.2 **Coos County** **43° 19' 21" N, 124° 23' 19" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	4	2		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
Pigeon Guillemot	10		10	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Pelagic Cormorant	20	10		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pelagic Cormorant	30	15		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pigeon Guillemot	1		1	B	L	Lowe	7/18/1990	M	W	3	2
Pigeon Guillemot	16		16	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2

Map on page 249

Area Map: 270 (Coos Bay) **Colony Number: 270-008.3** **"Unnamed Colony"**
Site Number: 008.3 **Coos County** **43° 19' 0" N, 124° 24' 12" W**

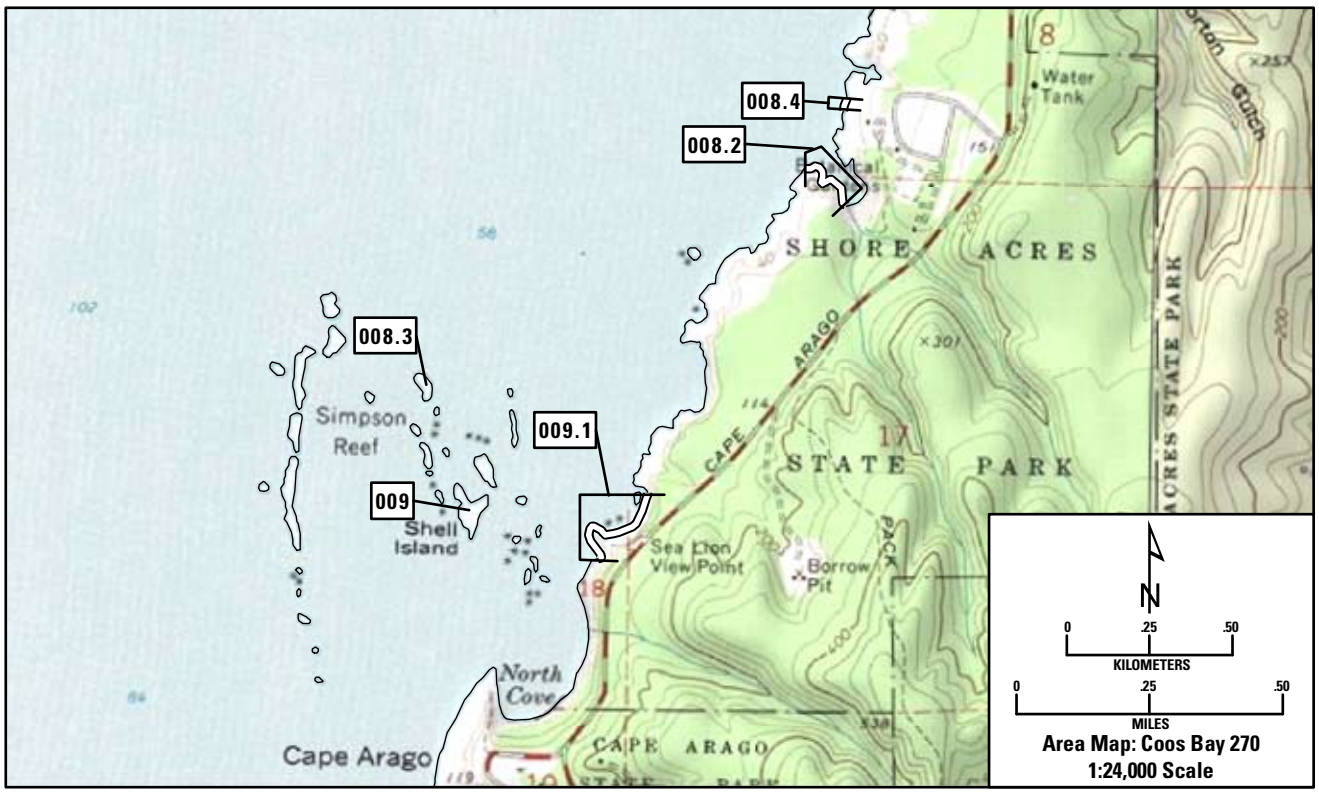
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2

Map on page 249

Area Map: 270 (Coos Bay) **Colony Number: 270-008.4** **"Unnamed Colony"**
Site Number: 008.4 **Coos County** **43° 19' 29" N, 124° 23' 16" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	4	2		N	2	Lowe	7/18/1990	C	W	1	2
Pigeon Guillemot	4		4	B	L	Lowe	7/19/1988	M	W	3	2

Map on page 249



Cape Arago *David S. Pitkin*

Area Map: 270 (Coos Bay) **Colony Number: 270-009** **Shell Island**
Site Number: 009 **Coos County** **43° 18' 48" N, 124° 24' 6" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	56	28		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
West./Glaucous-winged Gull	20	10		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pelagic Cormorant	24	12		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Black Oystercatcher	2	1		N	2	Rudy	7/11/1979	C	W	1	1

Map on page 249

Area Map: 270 (Coos Bay) **Colony Number: 270-009.1** **"Unnamed Colony"**
Site Number: 009.1 **Coos County** **43° 18' 46" N, 124° 23' 47" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/8/2003	B	W	1	3
Pigeon Guillemot	18		18	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Pelagic Cormorant	60	30		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2

Map on page 249

Shell Island (270-009), major haulout site for Steller and California sea lions. September 21, 2001 *David S. Pitkin*

Area Map: 270 (Coos Bay) **Colony Number: 270-009.2** **"Unnamed Colony"**
Site Number: 009.2 **Coos County** **43° 17' 35" N, 124° 23' 26" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	132	66		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pigeon Guillemot	21		21	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
Pelagic Cormorant	26	13		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pelagic Cormorant	74	37		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pigeon Guillemot	31		31	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2

Map on page 253

Area Map: 270 (Coos Bay) **Colony Number: 270-009.3** **"Unnamed Colony"**
Site Number: 009.3 **Coos County** **43° 17' 51" N, 124° 23' 32" W**

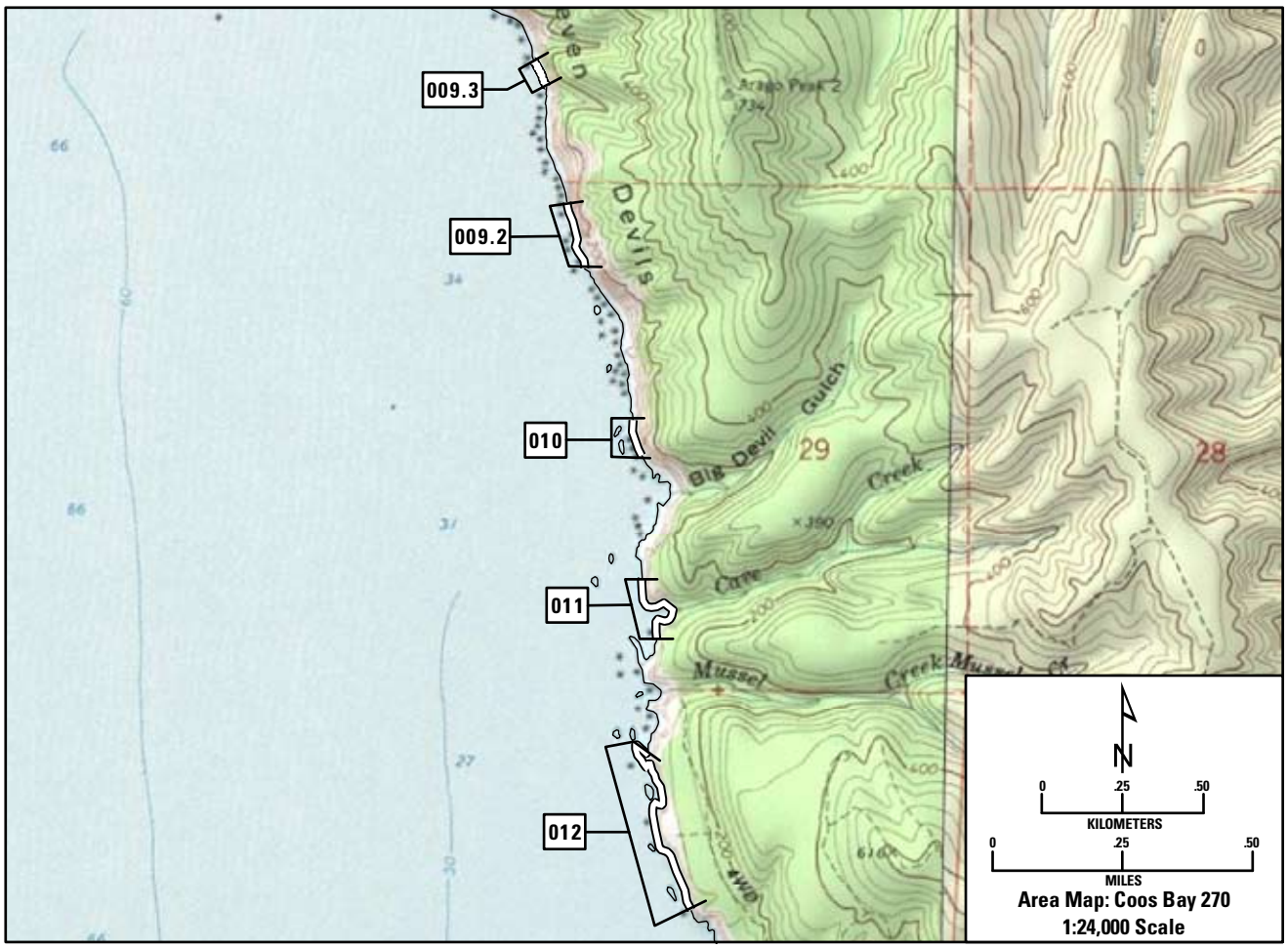
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	4	2		N	2	Pitkin/Wells	7/8/2003	B	W	1	3

Map on page 253

Area Map: 270 (Coos Bay) **Colony Number: 270-010** **"Unnamed Colony"**
Site Number: 010 **Coos County** **43° 17' 14" N, 124° 23' 18" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/8/2003	B	W	1	3
Pigeon Guillemot	9		9	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Pelagic Cormorant	0		0	N	L	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pelagic Cormorant	46	23		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman/Graybill/Varoujean	4/28/1979	B	W	1	1
Pigeon Guillemot	0		0	B	L	Lowe/Heimgartner	7/21/1992	B	W	1	2

Map on page 253



Area Map: 270 (Coos Bay)
Site Number: 011

Colony Number: 270-011
Coos County

"Unnamed Colony"
43° 16' 58" N, 124° 23' 13" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	54	27		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
Pigeon Guillemot	42		42	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
Pelagic Cormorant	72	36		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pelagic Cormorant	74	37		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pelagic Cormorant	10	5		N	2	Pitman/Graybill/Varoujean	4/28/1979	B	W	1	1
Pigeon Guillemot	24		24	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2

Map on page 253

Area Map: 270 (Coos Bay) **Colony Number: 270-012** **"Unnamed Colony"**
Site Number: 012 **Coos County** **43° 16' 37" N, 124° 23' 15" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	344	172		N	2	Pitkin/Wells	7/8/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	1	2
Pigeon Guillemot	16		16	B	L	Lowe/Heimgartner	7/21/1992	B	W	3	2
Pelagic Cormorant	348	174		N	2	Lowe/Heimgartner	7/21/1992	B	W	1	2
Pelagic Cormorant	344	172		N	2	Lowe/Anderson/Matthews	6/13/1988	B	W	2	2
Pelagic Cormorant	108	54		N	2	Pitman/Graybill/Varoujean	4/28/1979	B	W	1	1
Pigeon Guillemot	32		32	B	L	Lowe/Anderson/Matthews	6/13/1988	B	W	3	2
Pigeon Guillemot	65		65	B	L	Pitman/Graybill/Varoujean	4/28/1979	B	W	3	1

Map on page 253

Area Map: 270 (Coos Bay)
Site Number: 012.1

Colony Number: 270-012.1
Coos County

"Moore Mill Dock"
43° 7' 27" N, 124° 24' 32" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Matthews	6/27/1988	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Matthews	6/27/1988	B	W	3	2

Map on page 257

Area Map: 270 (Coos Bay)
Site Number: 012.2

Colony Number: 270-012.2
Coos County

"Moore Mill Warehouse"
43° 7' 18" N, 124° 24' 38" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	4	2		N	2	Lowe/Matthews	6/27/1988	B	W	1	2
Pigeon Guillemot	8		8	B	L	Lowe/Matthews	6/27/1988	B	W	3	2

Map on page 257

Area Map: 270 (Coos Bay)
Site Number: 013

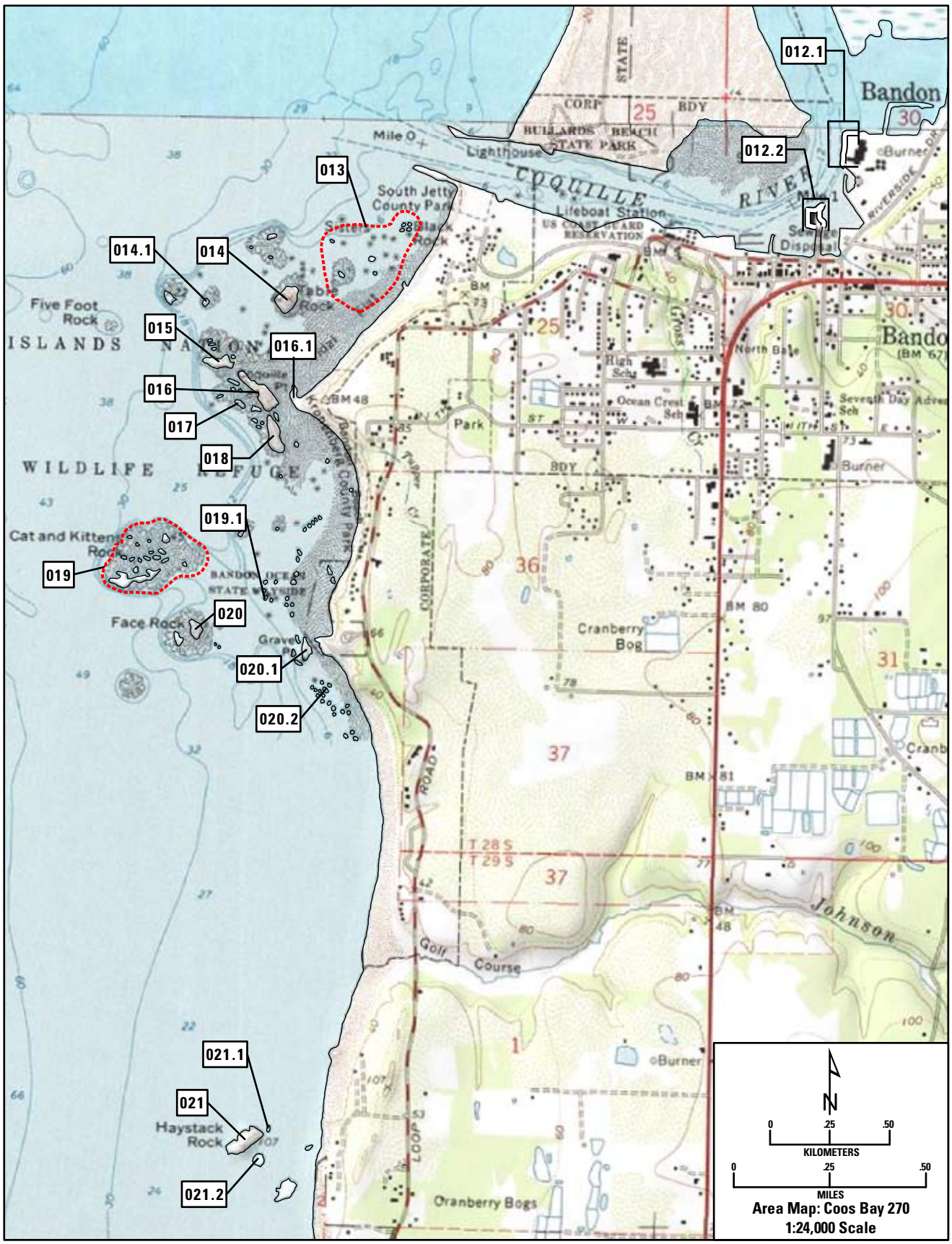
Colony Number: 270-013
Coos County

"Unnamed Colony"
43° 7' 10" N, 124° 26' 1" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B	W	1	3
West./Glaucous-winged Gull	8	4		N	2	Lowe/Thounhurst/Brown	6/22/1989	M	W	2	2
Pigeon Guillemot	5		5	B	L	Lowe/Thounhurst/Brown	6/22/1989	M	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Thounhurst/Brown	6/22/1989	M	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Anderson/Matthews	6/27/1988	B	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson/Matthews	6/23/1988	M	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/23/1988	M	W	3	2
Pigeon Guillemot	2		2	B	L	Pitman/Varoujean	4/30/1979	M	W	3	1
Black Oystercatcher	2	1	2	N	2	Lowe/Anderson/Matthews	6/23/1988	M	W	1	2

Map on page 257

Coquille Point colonies (270-013 to 270-018) including Table Rock (270-014), "Coquille Point Rocks" (270-015 and 270-016), and "Elephant Rock" (270-018) June 19, 1997 *David S. Pitkin*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Lifeboat Station
Five Foot Rock
ISLANDS
WILDLIFE
Cat and Kittens Rock
Face Rock
Haystack Rock
Cranberry Bog
Cranberry Bogs
Golf Course
Johnson
Park
North Bale
High Sch
Ocean Crest Sch
Seventh Day Adven
Burner
Sewage Disposal
BULLARDS BEACH STATE PARK
CORPORATE
ROAD
LOOP
T 28 S
T 29 S
KILOMETERS
MILES
Area Map: Coos Bay 270
1:24,000 Scale

Area Map: 270 (Coos Bay) **Colony Number: 270-014** **Table Rock**
Site Number: 014 **Coos County** **43° 7' 5" N, 124° 26' 15" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	4	2		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	126	63		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	494	247		N	2	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	10		10	B	L	Lowe/Thounhurst/Brown	6/27/1989	M	W	3	2
Rhinoceros Auklet	P			O	L	Lowe/Anderson/Matthews	6/27/1988	B	P	4	2
Tufted Puffin	1		1	B	L	Lowe	4/6/1996	M	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Thounhurst/Brown	6/27/1989	M	W	1	2
Pelagic Cormorant	12	6		N	2	Pitkin/Ledig	7/14/2004	B	Z	3	3
Pelagic Cormorant	X			O	L	Lowe	4/6/1996	M	X	4	2
Pelagic Cormorant	0	0		U	L	Lowe	4/18/1991	M	W	1	2
Pelagic Cormorant	80	40		N	2	Lowe/Thounhurst/Brown	6/27/1989	M	W	1	2
Pelagic Cormorant	136	68		N	2	Lowe/Anderson/Matthews	6/23/1988	M	W	1	2
Pelagic Cormorant	60	30		N	2	Pitman	4/30/1979	C	W	1	1
Brandt's Cormorant	94	47		N	2	Lowe/Pitkin	6/9/1998	AP	W	1	2
West./Glaucous-winged Gull	500	250		N	2	Pitman/Varoujean	4/30/1979	B	W	3	1
West./Glaucous-winged Gull	150		150	B	L	Browning/English	4/23/1967	M	Y	3	5
West./Glaucous-winged Gull	300		300	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Pigeon Guillemot	26		26	B	L	Lowe/Anderson/Matthews	6/27/1988	B	W	3	2
Pigeon Guillemot	30		30	B	L	Pitman/Graybill/Fereday	7/5/1979	B	W	3	1
Pigeon Guillemot	X			U	L	Browning/English	4/23/1967	M	X	4	5
Tufted Puffin	12		12	B	L	Lowe	4/18/1991	M	W	3	2
Tufted Puffin	7		7	B	L	Lowe/Thounhurst/Brown	6/27/1989	M	W	3	2
Tufted Puffin	24			B	L	Lowe/Anderson/Matthews	6/27/1988	B	Y	3	2
Tufted Puffin	30			U	L	Pitman	4/30/1979	C	Y	3	1
Black Oystercatcher	4		4	B	L	Lowe/Anderson/Matthews	6/23/1988	M	W	3	2
Black Oystercatcher	4		4	B	L	Pitman/Graybill/Fereday	7/5/1979	B	W	2	1

Map on page 257

Area Map: 270 (Coos Bay)
Site Number: 014.1

Colony Number: 270-014.1
Coos County

"Unnamed Colony"
43° 7' 4" N, 124° 26' 30" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson/Matthews	6/27/1988	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/27/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/27/1988	B	W	3	2
Brandt's Cormorant	2	1		N	2	Lowe/Anderson/Matthews	6/27/1988	B	W	1	2

Map on page 257

Area Map: 270 (Coos Bay)
Site Number: 015

Colony Number: 270-015
Coos County

"North Coquille Point Rock"
43° 6' 56" N, 124° 26' 28" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	64	32		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
Brandt's Cormorant	846	423		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Naughton	6/11/1990	AP	W	1	2
Common Murre	10,755		6,440	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Pigeon Guillemot	17		17	B	L	Lowe/Anderson/Matthews	6/27/1988	B	W	3	2
Tufted Puffin	4		4	B	L	Lowe/Anderson/Matthews	6/27/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/27/1988	B	W	3	2
Unidentified Cormorant	28	14		N	2	Browning/English	4/23/1967	M	W	4	5
Pelagic Cormorant	112	56		N	2	Lowe/Anderson/Matthews	6/23/1988	B,M	W	1	2
Pelagic Cormorant	11		11	B	L	Browning/English	4/23/1967	M	T	4	5
Brandt's Cormorant	328	164		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Brandt's Cormorant	636	318		N	2	Lowe/Naughton	6/11/1990	AP	W	1	2
Brandt's Cormorant	214	107		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	266	133		N	2	Varoujean	7/11/1979	AP	W	2	1
Brandt's Cormorant	3		3	B	L	Browning/English	4/23/1967	M	T	4	5
West./Glaucous-winged Gull	42	21		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
West./Glaucous-winged Gull	30	15		N	2	Pitman/Varoujean	4/30/1979	B	W	2	1
Common Murre	11,100		6,647	B	1.67	Lowe/Naughton	6/11/1990	AP	W	2	2
Common Murre	10,344		6,194	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	7,849		4,700	B	1.67	Varoujean	7/11/1979	AP	W	2	1
Common Murre	225		225	B	L	Browning/English	4/23/1967	M	Y	4	5
Pigeon Guillemot	20		20	B	L	Pitman/Varoujean	4/30/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	4/30/1979	B	W	3	1

Map on page 257

Area Map: 270 (Coos Bay) **Colony Number: 270-016** **"Middle Coquille Point Rock"**
Site Number: 016 **Coos County** **43° 6' 52" N, 124° 26' 20" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	36	18		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
Brandt's Cormorant	810	405		N	2	Pitkin/Ledig	6/11/2004	AP	W	1	3
West./Glaucous-winged Gull	218	109		N	2	Lowe/Anderson/Matthews	6/27/1988	B,M	W	1	2
Common Murre	235		141	B	1.67	Pitkin/Ledig	6/11/2004	AP	W	2	3
Pigeon Guillemot	26		26	B	L	Lowe/Anderson/Matthews	6/23/1988	B,M	W	3	2
Tufted Puffin	6		6	B	L	Lowe/Thounhurst/Brown	6/27/1989	M	W	3	2
Black Oystercatcher	2	1		N	2	Lowe/Anderson/Matthews	6/27/1988	B	W	1	2
Seabirds	0		0	O	L	Pitkin/Lowe	6/7/2001	AP	W	1	3
Double-crested Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1998	AP	W	1	2
Double-crested Cormorant	16	8		N	2	Lowe/Pitkin	6/10/1997	AP	W	1	2
Double-crested Cormorant	14	7		N	2	Lowe/Pitkin	6/8/1995	AP	W	1	2
Double-crested Cormorant	24	12		N	2	Lowe/Pitkin	6/8/1994	AP	W	2	2
Double-crested Cormorant	4	2		N	2	Lowe	5/1/1993	M	W	3	2
Pelagic Cormorant	X			O	L	Lowe	5/1/1993	M	X	4	2
Pelagic Cormorant	104	52		N	2	Lowe/Anderson/Matthews	6/23/1988	B,M	W	1	2
Pelagic Cormorant	32	16		N	2	Pitman/Varoujean	4/30/1979	B	W	1	1
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Brandt's Cormorant	302	151		N	2	Lowe/Pitkin	6/9/1999	AP	W	1	2
Brandt's Cormorant	210	105		N	2	Lowe/Pitkin	6/9/1998	AP	W	1	2
Brandt's Cormorant	476	238		N	2	Lowe/Pitkin	6/10/1997	AP	W	1	2
Brandt's Cormorant	326	163		N	2	Lowe/Pitkin	6/5/1996	AP	W	1	2
Brandt's Cormorant	448	224		N	2	Lowe/Pitkin	6/8/1995	AP	W	1	2
Brandt's Cormorant	582	291		N	2	Lowe/Pitkin	6/8/1994	AP	W	2	2
Brandt's Cormorant	60	30		N	2	Lowe/Pitkin	6/8/1993	AP	W	1	2
Brandt's Cormorant	630	315		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Brandt's Cormorant	400	200		N	2	Lowe/Naughton	6/4/1991	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Naughton	6/11/1990	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Naughton	6/7/1989	AP	W	1	2
West./Glaucous-winged Gull	196	98		N	2	Pitman/Varoujean	4/30/1979	M	W	2	1
West./Glaucous-winged Gull	55		55	B	A	Browning/English	3/18/1967	M	Y	4	5
Common Murre	0		0	B	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Common Murre	0		0	B	L	Pitkin/Lowe	6/6/2002	AP	W	2	3
Common Murre	0		0	B	L	Pitkin/Lowe	6/7/2001	AP	W	1	3
Common Murre	431		258	B	1.67	Pitkin/Lowe	6/15/2000	AP	W	2	3
Common Murre	165		99	B	1.67	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	2		1	B	1.67	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	32		19	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	23		14	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2

Colony 270-016 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	150		90	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	179		107	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	28		17	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	8		5	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2
Pigeon Guillemot	35		35	B	L	Pitman/Varoujean	4/30/1979	B	W	3	1
Tufted Puffin	2		2	B	L	Lowe/Anderson/Matthews	6/23/1988	M	W	3	2
Tufted Puffin	4			B	L	Pitman/Varoujean	4/30/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Graybill/Fereday	7/5/1979	B	W	2	1

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Area Map: 270 (Coos Bay)
Site Number: 016.1

Colony Number: 270-016.1
Coos County

Coquille Point
43° 6' 51" N, 124° 26' 14" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/23/1988	C	W	3	2

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Area Map: 270 (Coos Bay) **Colony Number: 270-017** **"Unnamed Colony"**
Site Number: 017 **Coos County** **43° 6' 50" N, 124° 26' 24" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	4	2		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Ledig	6/11/2004	AP	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Naughton	6/11/1990	AP	W	1	2
Common Murre	8,260		4,946	B	1.67	Pitkin/Ledig	6/11/2004	AP	W	2	3
Pelagic Cormorant	30	15		N	2	Lowe/Anderson/Matthews	6/27/1988	B	W	1	2
Pelagic Cormorant	2	1		N	2	Pitman/Varoujean	4/30/1979	B	W	1	1
Brandt's Cormorant	40	20		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Brandt's Cormorant	186	93		N	2	Pitkin/Lowe	6/15/2000	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1998	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/10/1997	AP	W	1	2
Brandt's Cormorant	306	153		N	2	Lowe/Pitkin	6/5/1996	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/8/1994	AP	W	1	2
Brandt's Cormorant	230	115		N	2	Lowe/Pitkin	6/8/1993	AP	W	1	2
Brandt's Cormorant	170	85		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Brandt's Cormorant	50	25		N	2	Lowe/Naughton	6/4/1991	AP	W	1	2
Brandt's Cormorant	550	275		N	2	Lowe/Naughton	6/11/1990	AP	W	1	2
Brandt's Cormorant	0	0		U	L	Lowe/Naughton	6/7/1989	AP	W	1	2
West./Glaucous-winged Gull	X			U	L	Lowe/Naughton	6/7/1989	AP	X	4	2
West./Glaucous-winged Gull	12	6		N	2	Lowe/Anderson/Matthews	6/27/1988	B	W	2	2
West./Glaucous-winged Gull	10	5		N	2	Pitman/Varoujean	4/30/1979	B	W	1	1
Common Murre	6,361		3,809	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Common Murre	5,536		3,315	B	1.67	Pitkin/Lowe	6/6/2002	AP	W	2	3
Common Murre	4,736		2,836	B	1.67	Pitkin/Lowe	6/7/2001	AP	W	2	3
Common Murre	3,009		1,802	B	1.67	Pitkin/Lowe	6/15/2000	AP	W	2	3
Common Murre	1,677		1,004	B	1.67	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	685		410	B	1.67	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	1,917		1148	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	1,560		934	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2
Common Murre	1,802		1,079	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	1,971		1,180	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	341		204	B	1.67	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	1,328		795	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	541		324	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2
Common Murre	77		46	B	1.67	Lowe/Naughton	6/11/1990	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Naughton	6/7/1989	AP	W	2	2

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Area Map: 270 (Coos Bay) **Colony Number: 270-018** **"Elephant Rock"**
Site Number: 018 **Coos County** **43° 6' 46" N, 124° 26' 17" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	200	100		N	L	Browning/English	3/18/1967	C	Y	3	5
Double-crested Cormorant	2	1		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
Pelagic Cormorant	54	27		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	160	80		N	2	Lowe/Anderson/Matthews	6/27/1988	B,M	W	1	2
Common Murre	0		0	B	L	Pitkin/Lowe	6/6/2002	AP	W	2	3
Pigeon Guillemot	25		25	B	L	Lowe/Anderson/Matthews	6/23/1988	B,M	W	3	2
Cassin's Auklet	P			O	L	Browning/English	3/18/1967	C	P	4	5
Tufted Puffin	17		17	B	L	Lowe	4/18/1991	M	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Anderson/Matthews	6/23/1988	M	W	3	2
Pelagic Cormorant	34	17		N	2	Pitkin/Ledig	7/14/2004	B	Z	3	3
Pelagic Cormorant	96	48		N	2	Lowe/Anderson/Matthews	6/27/1988	B,M	W	1	2
Pelagic Cormorant	14	7		N	2	Pitman/Varoujean	4/30/1979	B	W	1	1
Brandt's Cormorant	14	7		N	2	Lowe/Pitkin	6/9/1998	AP	W	1	2
Brandt's Cormorant	412	206		N	2	Lowe/Pitkin	6/10/1997	AP	W	1	2
West./Glaucous-winged Gull	124	62		N	2	Pitman/Varoujean	4/30/1979	B,M	W	2	1
West./Glaucous-winged Gull	55		55	B	A	Browning/English	3/18/1967	M	Y	4	5
Common Murre	0		0	B	L	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	134		80	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Anderson	6/3/1988	AP	W	1	2
Pigeon Guillemot	15		15	B	L	Pitman/Varoujean	4/30/1979	B,M	W	3	1
Tufted Puffin	34	17		N	2	Lowe	6/23/1988	M	W	3	2
Tufted Puffin	24			B	L	Pitman/Varoujean	4/30/1979	B,M	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	4/30/1979	M	W	3	1

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Area Map: 270 (Coos Bay)
Site Number: 019

Colony Number: 270-019
Coos County

Cat and Kittens Rock
43° 6' 29" N, 124° 26' 39" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	34	17		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Brandt's Cormorant	496	248		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	28	14		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	38,271		22,917	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Pigeon Guillemot	67		67	B	L	Lowe/Anderson/Matthews	6/27/1988	B	W	3	2
Black Oystercatcher	3		3	B	L	Lowe/Anderson/Matthews	6/27/1988	B	W	3	2
Pelagic Cormorant	32	16		N	2	Lowe/Anderson/Matthews	6/27/1988	B	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman/Varoujean	4/30/1979	B	W	1	1
Brandt's Cormorant	X			O	L	Lowe	4/6/1996	M	X	4	2
Brandt's Cormorant	196	98		N	2	Lowe/Naughton	6/7/1989	AP	W	1	2
Brandt's Cormorant	218	109		N	2	Lowe/Anderson/Matthews	6/27/1988	B	W	1	2
Brandt's Cormorant	128			B	L	Varoujean	5/21/1979	AP	W	2	1
Common Murre	X			O	L	Lowe	4/6/1996	M	X	4	2
Common Murre	38,777		23,220	B	1.67	Lowe/Naughton	6/7/1989	AP	W	2	2
Common Murre	34,073		20,403	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	40,080		24,000	B	1.67	Varoujean	5/21/1979	AP	W	2	1
Pigeon Guillemot	7		7	B	L	Pitman/Graybill/Varoujean	4/28/1979	B	W	3	1

Map on page 257

Cat and Kittens Rock (270-019) June 19, 1997 *David S. Pitkin*

Area Map: 270 (Coos Bay) **Colony Number: 270-019.1** **"Unnamed Colony"**
Site Number: 019.1 **Coos County** **43° 6' 24" N, 124° 26' 18" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Thounhurst/Brown	6/27/1989	M	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Thounhurst/Brown	6/27/1989	M	W	3	2
Pelagic Cormorant	2	1		N	2	Lowe/Anderson/Matthews	6/27/1988	B	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/27/1988	B	W	1	2

Map on page 257

Area Map: 270 (Coos Bay) **Colony Number: 270-020** **Face Rock**
Site Number: 020 **Coos County** **43° 6' 20" N, 124° 26' 31" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	16	8		N	2	Pitkin/Ledig	7/14/2004	B	W	1	3
Brandt's Cormorant	220	110		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	18	9		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	5,341		3,198	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	14		14	B	L	Lowe/Thounhurst/Brown	6/27/1989	M	W	3	2
Tufted Puffin	2	1	2	B	L	Heaney	5/12/2003	M	W	3	46
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/27/1988	B	W	3	2
Pelagic Cormorant	28	14		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pelagic Cormorant	34	17		N	2	Lowe/Anderson/Matthews	6/27/1988	B	W	1	2
Pelagic Cormorant	12	6		N	2	Pitman/Varoujean	4/30/1979	B	W	1	1
Brandt's Cormorant	312	156		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	264	132		N	2	Varoujean	5/21/1979	AP	W	3	1
West./Glaucous-winged Gull	10	5		N	2	Pitman/Varoujean	4/30/1979	B	W	2	1
Common Murre	5,845		3,500	B	1.67	Varoujean	5/21/1979	AP	W	2	1
Pigeon Guillemot	27		27	B	L	Lowe/Anderson/Matthews	6/27/1988	B	W	3	2
Pigeon Guillemot	12		12	B	L	Pitman/Graybill/Varoujean	4/28/1979	B	W	3	1
Tufted Puffin	6		6	B	L	Lowe/Anderson/Matthews	6/27/1988	B	W	3	2
Tufted Puffin	6			B	L	Pitman/Varoujean	4/30/1979	B	W	2	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	4/30/1979	B	W	3	1

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Area Map: 270 (Coos Bay) **Colony Number: 270-013C** **"Coquille Point Rocks Complex"**
Site Number: 013-020 **Coos County** **43° 6' 42" N, 124° 26' 18" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	600		600	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	1,345		1,345	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	1,700		1,700	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	400		400	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	350		350	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	400		400	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	900		900	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	1,100		1,100	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	300		300	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
West./Glaucous-winged Gull	410		410	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	1,400		1400	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	600		600	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	625		625	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	400		400	B	L	Glahn	6/18/1970	A	T	3	4
West./Glaucous-winged Gull	1,100		1,100	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
West./Glaucous-winged Gull	400		400	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
West./Glaucous-winged Gull	200		200	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	50		50	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
West./Glaucous-winged Gull	X			U	L	Anon.	1937	M	X	4	99
Common Murre	10,000		10,000	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	15,000		15,000	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	10,800		10,800	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	26,550		26550	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	16,600		16,600	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	13,300		13,300	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	2,700		2,700	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	12,700		12,700	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	7,900		7,900	B	L	Rodgers/Glahn	7/1/1969	A	Y	3	4
Common Murre	11,000		11,000	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	9,500		9,500	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	400		400	B	L	Marshall/Glahn	7/10/1964	A	T	3	4

Area Map: 270 (Coos Bay) **Colony Number: 270-020.1** **"Grave Point Rock"**
Site Number: 020.1 **Coos County** **43° 6' 17" N, 124° 26' 11" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	32	16		N	2	Lowe/Anderson/Matthews	6/23/1988	C	W	2	2
Common Murre	0		0	B	L	Pitkin/Ledig	6/11/2004	A	W	1	3
Pigeon Guillemot	6		6	B	L	Lowe	6/27/1989	C	W	3	2
Tufted Puffin	1		1	B	L	Lowe/Anderson/Matthews	6/23/1988	C	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/23/1988	C	W	3	2
Leach's Storm-Petrel	X			O	L	Lowe	6/27/1989	C	X	4	2
Unidentified Cormorant	100		100	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Common Murre	1,500		1,500	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Pigeon Guillemot	1		1	B	L	Lowe/Anderson/Matthews	6/23/1988	C	W	3	2

Map on page 257

Area Map: 270 (Coos Bay) **Colony Number: 270-020.2** **"Unnamed Colony"**
Site Number: 020.2 **Coos County** **43° 6' 12" N, 124° 26' 7" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Thounhurst/Brown	6/27/1989	M	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/23/1988	M	W	1	2

Map on page 257

Area Map: 270 (Coos Bay) **Colony Number: 270-021** **Haystack Rock**
Site Number: 021 **Coos County** **43° 5' 10" N, 124° 26' 21" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	96	48		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
West./Glaucous-winged Gull	610	305		N	2	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	69		69	B	L	Lowe	4/18/1991	M	W	3	2
Tufted Puffin	3		3	B	L	Lowe	4/18/1991	M	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Anderson/Matthews	6/27/1988	B	W	3	2
Unidentified Cormorant	22		22	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Unidentified Cormorant	0		0	B	L	USFWS	6/26/1972	A	W	3	4
Pelagic Cormorant	10	5		N	2	Pitkin/Ledig	7/14/2004	B	Z	3	3
Pelagic Cormorant	X			O	L	Lowe	4/18/1991	M	X	4	2
Pelagic Cormorant	76	38		N	2	Lowe/Thounhurst/Brown	6/27/1989	M	W	1	2
Pelagic Cormorant	144	72		N	2	Lowe/Anderson/Matthews	6/27/1988	B,M	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe	4/6/1996	M	X	4	2
West./Glaucous-winged Gull	200	100		N	2	Pitman	7/5/1979	C	W	2	1
West./Glaucous-winged Gull	75		75	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	35		35	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
Pigeon Guillemot	2		2	B	L	Lowe/Thounhurst/Brown	6/27/1989	M	W	3	2
Pigeon Guillemot	32		32	B	L	Lowe	7/13/1988	M	W	3	2
Pigeon Guillemot	15		15	B	L	Pitman/Graybill/Varoujean	4/28/1979	B	W	3	1
Pigeon Guillemot	25		25	B	L	USFWS	6/26/1972	A	T	4	4
Tufted Puffin	2		2	B	L	Jacobs	3/28/1990	M	W	3	2
Tufted Puffin	1		1	B	L	Lowe/Thounhurst/Brown	6/27/1989	M	W	3	2
Tufted Puffin	6		6	B	L	Lowe	7/13/1988	M	W	3	2
Tufted Puffin	4			B	L	Pitman	7/5/1979	C	W	3	1
Tufted Puffin	60		60	B	L	USFWS	6/26/1972	A	T	4	4
Black Oystercatcher	3		3	B	L	Pitman	7/5/1979	C	W	2	1

Map on page 257

Area Map: 270 (Coos Bay) **Colony Number: 270-021.1** **"Unnamed Colony"**
Site Number: 021.1 **Coos County** **43° 5' 12" N, 124° 26' 16" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	2		2	B	L	Lowe	7/13/1988	M	W	3	2

Map on page 257

Area Map: 270 (Coos Bay)
Site Number: 021.2

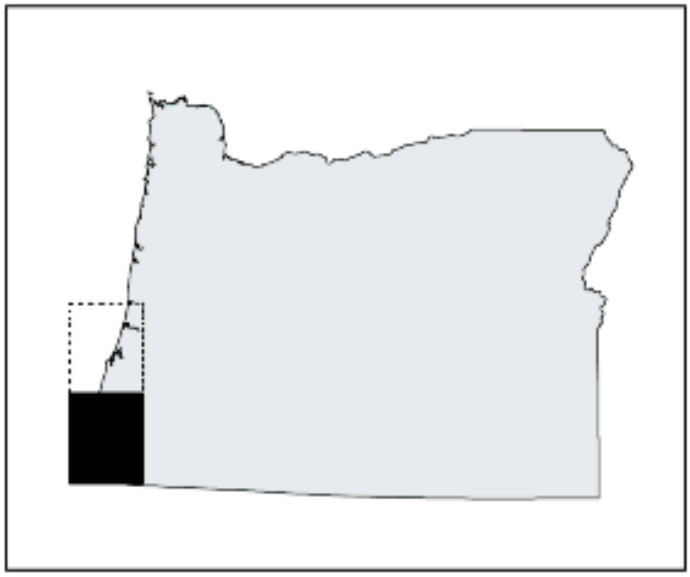
Colony Number: 270-021.2
Coos County

"Monkey Rock"
43° 5' 8" N, 124° 26' 18" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	14	7		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe	7/13/1988	C	W	3	2
Black Oystercatcher	3		3	B	L	Lowe	4/18/1991	C,M	W	3	2
West./Glaucous-winged Gull	X			O	L	Lowe	4/18/1991	C,M	X	4	2
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst/Brown	6/27/1989	M	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe	7/13/1988	C	W	1	2

Map on page 257

Haystack Rock (270-021) and "Monkey Rock" (270-021.2) June 19, 1997 *David S. Pitkin*



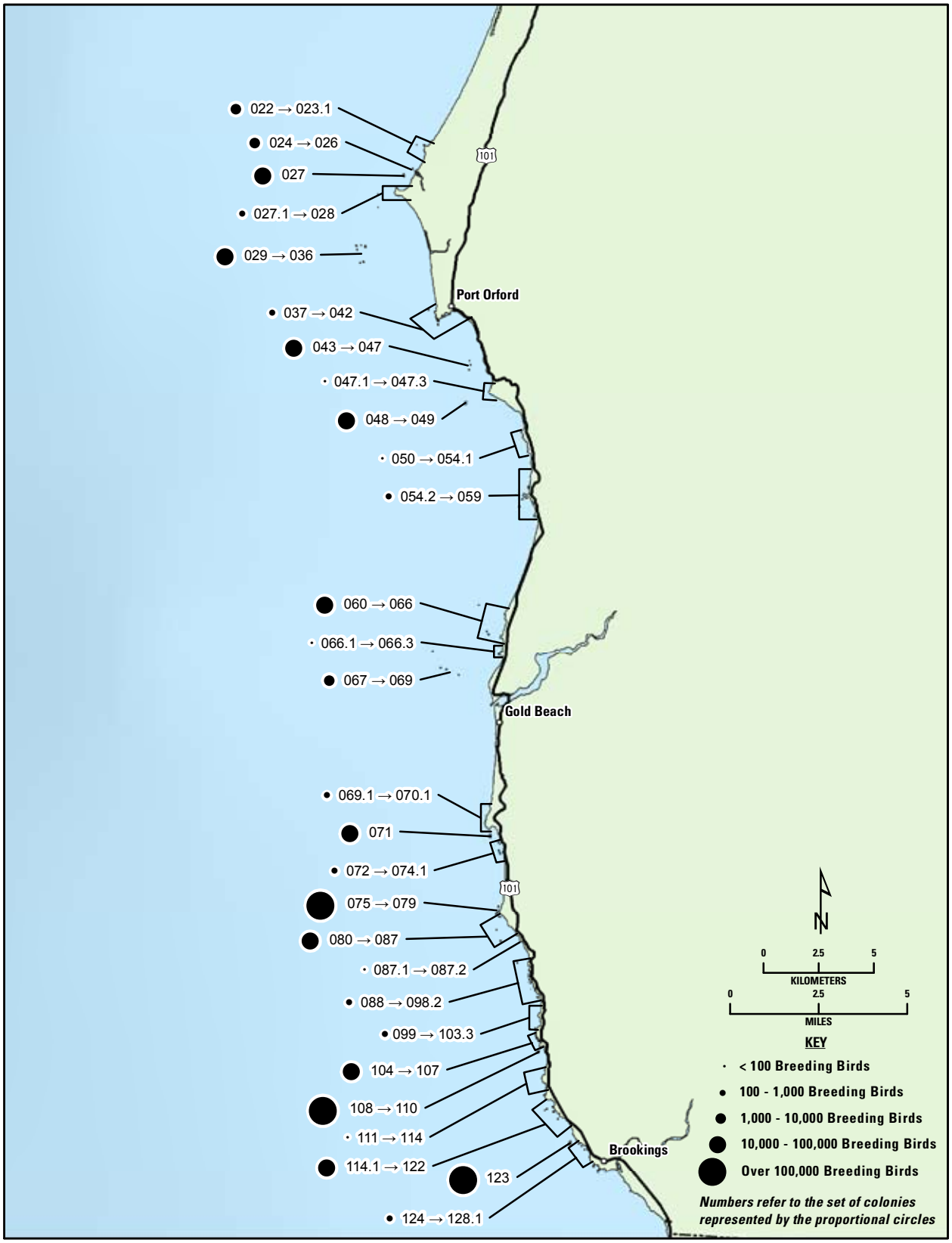
270 South
Cape Blanco

The map on the facing page is an index to the locations and relative sizes of seabird colonies within map 270 South, Cape Blanco, located along the southern Oregon coast. When the colonies were originally numbered, the Coos Bay 1:250,000 topographic map encompassed two degrees of latitude, extending from latitude 44° N (near Florence) to 42° N (Oregon/California border). In 1981 the topographic map was revised and split in two: Coos Bay - the northern portion from 43° N to 44° N; and, Cape Blanco - from 42° N to 43° N. The original map number is retained in the colony designations but the area maps are hereafter referred to as map 270 North - Coos Bay and map 270 South - Cape Blanco. To reduce the complexity of this index, adjacent colonies are grouped together and the individual colonies in each group are indicated by the inclusive site numbers, separated by an arrow. On the pages following this map, all colonies are listed sequentially and a detailed map of each is provided.

Numbers of breeding seabirds vary from year to year. Below are the most recent estimates of breeding seabirds within this region:

Fork-tailed Storm-Petrel	+
Leach's Storm-Petrel	455,350
Double-crested Cormorant	854
Brandt's Cormorant	2,900
Pelagic Cormorant	3,660
Black Oystercatcher	215
Western/Glaucous-winged Gull	5,640
Common Murre	232,670
Pigeon Guillemot	1,240
Cassin's Auklet	340
Rhinoceros Auklet	464
Tufted Puffin	667
TOTAL	**704,000**

Area Map 270 South—Cape Blanco



Area Map: 270 (Cape Blanco)
Site Number: 022

Colony Number: 270-022
Curry County

"Blacklock Point Rocks"
42° 52' 32" N, 124° 32' 19" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	40	20		N	2	Pitkin/Ledig	7/14/2004	B	W	1	3
Pigeon Guillemot	4		4	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B	W	1	3
Pelagic Cormorant	24	12		N	2	Lowe/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman/Varoujean	5/15/1979	B	W	1	1
Pigeon Guillemot	9		9	B	L	Pitman/Varoujean	5/15/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	5/15/1979	B	W	3	1

Map on page 273

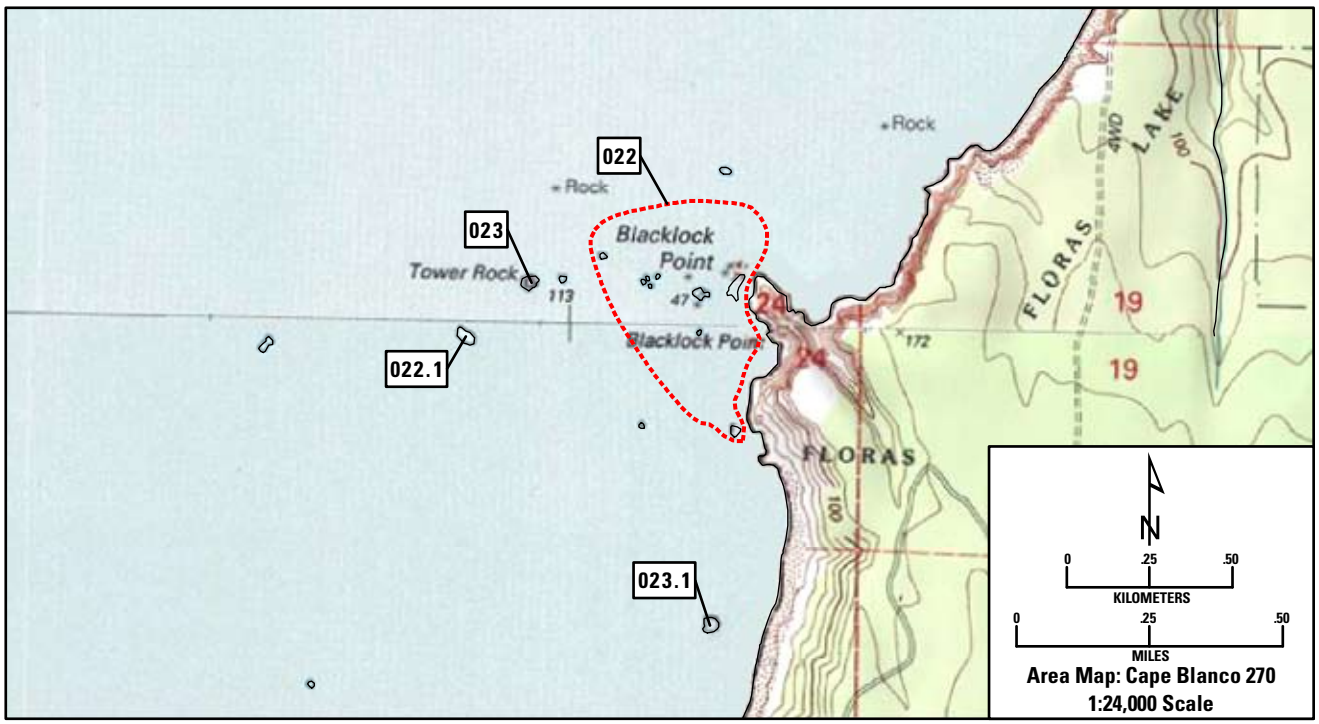
Area Map: 270 (Cape Blanco)
Site Number: 022.1

Colony Number: 270-022.1
Curry County

"Unnamed Colony"
42° 52' 28" N, 124° 32' 48" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	18	9		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1999	AP	W	1	2
Brandt's Cormorant	86	43		N	2	Lowe/Naughton	6/7/1989	AP	W	1	2

Map on page 273



Area Map: 270 (Cape Blanco)
Site Number: 023

Colony Number: 270-023
Curry County

Tower Rock
42° 52' 33" N, 124° 32' 40" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	146	73		N	2	Pitkin/Ledig	7/14/2004	B	W	1	3
West./Glaucous-winged Gull	10	5		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	1,688		1,011	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	9		9	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Pelagic Cormorant	108	54		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pelagic Cormorant	138	69		N	2	Lowe/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	48	24		N	2	Pitman/Varoujean	5/15/1979	B	W	1	1
West./Glaucous-winged Gull	4	2		N	2	Pitman/Varoujean	5/15/1979	B	W	1	1
Common Murre	1,420		850	B	1.67	Varoujean	5/21/1979	AP	W	3	1
Common Murre	400		400	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Pigeon Guillemot	5		5	B	L	Pitman/Varoujean	5/15/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	5/15/1979	B	W	3	1

Map on page 273

Area Map: 270 (Cape Blanco) **Colony Number: 270-022C** **"Blacklock Point Complex"**
Site Number: 022-023 **Curry County** **42° 52' 32" N, 124° 32' 25" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	70		70	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	600		600	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	150		150	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	50		50	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	60		60	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	200		200	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	75		75	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	200		200	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	60		60	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	150		150	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	7/1/1969	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
West./Glaucous-winged Gull	50		50	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Common Murre	400		400	B	L	USFWS	6/6/1977	A	T	3	4
Common Murre	800		800	B	L	USFWS	June/1976	A	T	3	4
Common Murre	200		200	B	L	USFWS	6/28/1975	A	T	3	4
Common Murre	400		400	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	1,500		1,500	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	900		900	B	L	USFWS	6/26/1972	A	T	3	4
Common Murre	800		800	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Common Murre	6,000		6,000	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	900		900	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Common Murre	850		850	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Common Murre	800		800	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Common Murre	200		200	B	L	Marshall/Glahn	6/24/1966	A	T	3	4

Area Map: 270 (Cape Blanco) **Colony Number: 270-023.1** **"Unnamed Colony"**
Site Number: 023.1 **Curry County** **42° 51' 60" N, 124° 32' 15" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Black Oystercatcher	1		1	B	L	Lowe/Matthews	6/28/1988	B	W	3	2

Map on page 273

Common Murres *David S. Pitkin*

Area Map: 270 (Cape Blanco)
Site Number: 024

Colony Number: 270-024
Curry County

Castle Rock
42° 51' 23" N, 124° 32' 51" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	282	141		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	336	168		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Pigeon Guillemot	40		40	B	L	Lowe/Matthews	6/23/1988	B,M	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Matthews	6/23/1988	M	W	3	2
Unidentified Cormorant	100		100	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Double-crested Cormorant	598	299		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Double-crested Cormorant	300	150		N	2	Pitman/Graybill/Varoujean	5/15/1979	B,M	W	2	1
Pelagic Cormorant	458	229		N	2	Lowe/Matthews	6/28/1988	B,M	W	1	2
Pelagic Cormorant	406	203		N	2	Pitman/Graybill/Varoujean	5/15/1979	B,M	W	1	1
West./Glaucous-winged Gull	2	1		N	2	Pitman/Varoujean	5/15/1979	B	W	2	1
Pigeon Guillemot	10		10	B	L	Pitman/Graybill/Varoujean	5/15/1979	M	W	3	1
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	5/15/1979	B	W	3	1

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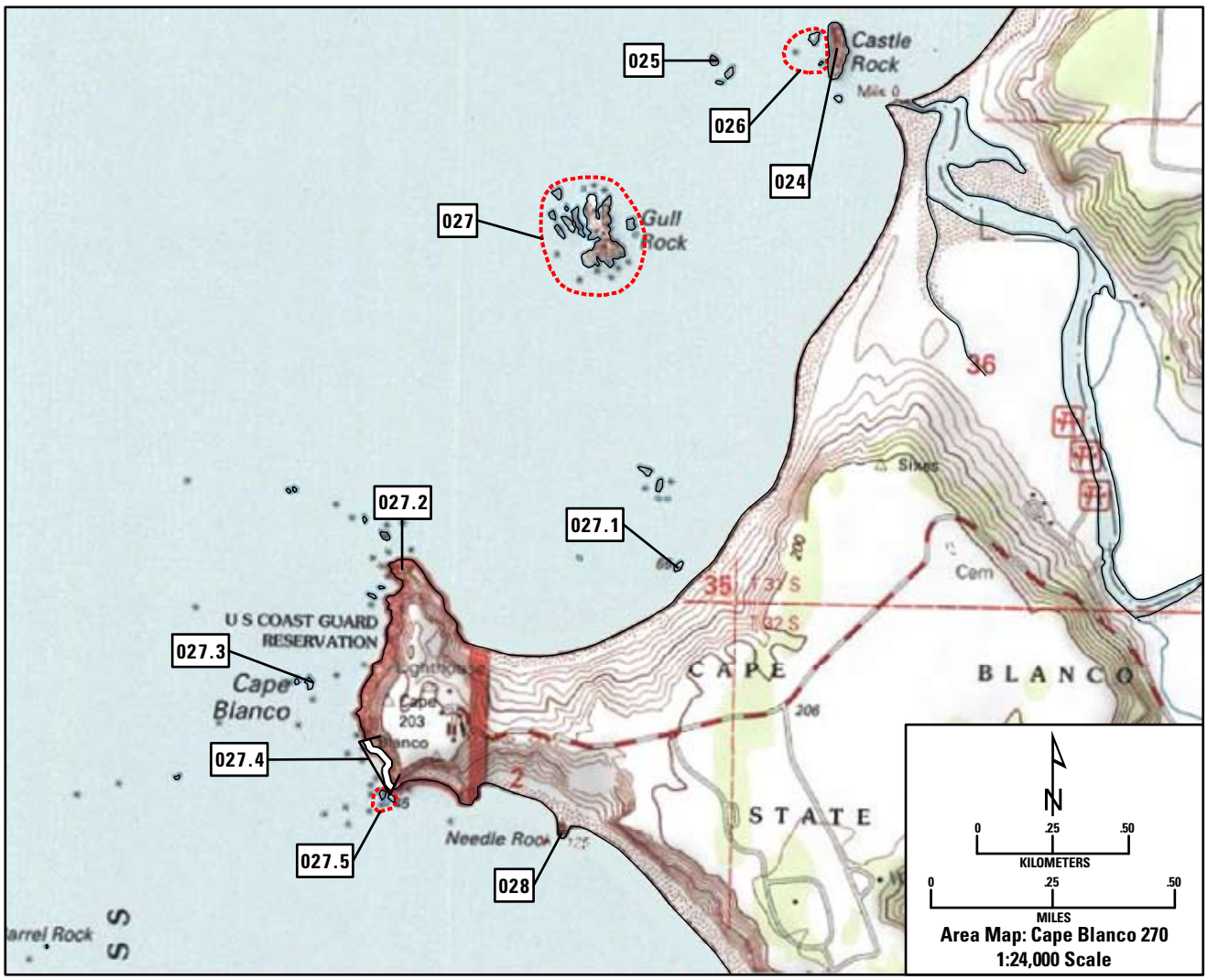
Area Map: 270 (Cape Blanco)
Site Number: 025

Colony Number: 270-025
Curry County

"Unnamed Colony"
42° 51' 21" N, 124° 33' 9" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	501		300	B	1.67	Lowe/Matthews	6/28/1988	B	W	2	2
Common Murre	835		500	B	1.67	Pitman/Varoujean	5/15/1979	B	W	2	1

Map on page 277



Area Map: 270 (Cape Blanco)
Site Number: 026

Colony Number: 270-026
Curry County

"Unnamed Colony"
42° 51' 22" N, 124° 32' 56" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	4	2		N	2	Pitkin/Ledig	7/14/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Matthews	6/28/1988	B	W	1	2
Pigeon Guillemot	3		3	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B	W	1	3
Pelagic Cormorant	10	5		N	2	Lowe/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	6	3		N	2	Pitman	5/15/1979	M	W	1	1
Pigeon Guillemot	7		7	B	L	Pitman/Varoujean	5/15/1979	B,M	W	3	1

Map on page 277

Area Map: 270 (Cape Blanco) **Colony Number: 270-024C** **"Sixes River Complex"**
Site Number: 024-026 **Curry County** **42° 51' 22" N, 124° 32' 57" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	45		45	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	750		750	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	300		300	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	350		350	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	600		600	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	100		100	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	350		350	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	200		200	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	50		50	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	15		15	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	7/1/1969	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
Common Murre	0		0	B	L	USFWS	June/1976	A	W	3	4
Common Murre	150		150	B	L	USFWS	6/28/1975	A	T	3	4
Common Murre	250		250	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	550		550	B	L	USFWS	6/29/1973	A	T	3	4
Common Murre	300		300	B	L	USFWS	6/26/1972	A	T	3	4
Common Murre	1,200		1,200	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	2,600		2,600	B	L	Glahn	6/18/1970	A	Y	3	4
Tufted Puffin	10		10	B	L	USFWS	6/26/1972	A	T	4	4

Area Map: 270 (Cape Blanco) **Colony Number: 270-027** **Gull Rock**
Site Number: 027 **Curry County** **42° 51' 2" N, 124° 33' 27" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	42	21		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Brandt's Cormorant	258	129		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	186	93		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	40,175		24,057	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	38		38	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Tufted Puffin	6		6	B	L	Lowe/Anderson	6/3/1988	AP	W	3	2
Black Oystercatcher	2	1	2	B	L	Pitkin/Lowe	6/10/2003	AP	W	3	3
Unidentified Cormorant	600		600	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	750		750	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	975		975	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	400		400	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	900		900	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	2,200		2,200	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	1,500		1,500	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	400		400	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	500		500	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	400		400	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Unidentified Cormorant	25		25	B	L	Marshall/Glahn	5/14/1963	A	T	4	4
Pelagic Cormorant	150	75		N	2	Lowe/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	22	11		N	2	Pitman/Varoujean	5/15/1979	B	W	2	1
Brandt's Cormorant	1,020	510		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	450	225		N	2	Pitman/Varoujean	5/15/1979	B	W	2	1
West./Glaucous-winged Gull	100	50		N	2	Pitman/Varoujean	5/15/1979	B	W	2	1
West./Glaucous-winged Gull	200		200	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	7/1/1969	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
Common Murre	26,887		16,100	B	1.67	Varoujean	7/11/1979	AP	W	3	1
Common Murre	5,000		5,000	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	5,000		5,000	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	9,000		9,000	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	11,200		11,200	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	8,000		8,000	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	3,800		3,800	B	L	USFWS	6/26/1972	A	Y	3	4

Colony 270-027 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	7,300		7,300	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	6,000		6,000	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	2,500		2,500	B	L	Rodgers/Glahn	7/1/1969	A	Y	3	4
Common Murre	1,500		1,500	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	9,000		9,000	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	3,000		3,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	6,000		6,000	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Common Murre	100		100	B	L	Marshall/Glahn	5/14/1963	A	T	4	4
Pigeon Guillemot	100		100	B	L	Pitman/Varoujean	5/15/1979	B	W	3	1
Tufted Puffin	10			B	L	Pitman/Varoujean	5/15/1979	B	W	3	1
Black Oystercatcher	7		7	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	5		5	B	L	Pitman/Varoujean	5/15/1979	B	W	2	1

Map on page 277

Gull Rock (270-027) June 10,1997 *David S. Pitkin*

Area Map: 270 (Cape Blanco) **Colony Number: 270-027.1** **"Unnamed Colony"**
Site Number: 027.1 **Curry County** **42° 50' 27" N, 124° 33' 13" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	14	7		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/23/1988	M	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/23/1988	M	W	3	2
Pelagic Cormorant	48	24		N	2	Lowe/Anderson/Matthews	6/23/1988	M	W	1	2

Map on page 277

Area Map: 270 (Cape Blanco) **Colony Number: 270-027.2** **"Cape Blanco North"**
Site Number: 027.2 **Curry County** **42° 50' 26" N, 124° 33' 53" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
Pelagic Cormorant	34	17		N	2	Anderson	6/23/1988	M	W	1	2

Map on page 277

Area Map: 270 (Cape Blanco) **Colony Number: 270-027.3** **"Unnamed Colony"**
Site Number: 027.3 **Curry County** **42° 50' 14" N, 124° 34' 7" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/23/1988	M	W	3	2
Pelagic Cormorant	26	13		N	2	Lowe/Anderson/Matthews	6/28/1988	B,M	W	1	2

Map on page 277

Area Map: 270 (Cape Blanco) **Colony Number: 270-027.4** **"Cape Blanco Southwest"**
Site Number: 027.4 **Curry County** **42° 50' 6" N, 124° 33' 55" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/23/1988	M	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Anderson/Matthews	6/23/1988	M	W	3	2

Map on page 277

Area Map: 270 (Cape Blanco) **Colony Number: 270-027.5** **"Unnamed Colony"**
Site Number: 027.5 **Curry County** **42° 50' 1" N, 124° 33' 55" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/23/1988	C	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/23/1988	C	W	3	2

Map on page 277

Area Map: 270 (Cape Blanco) **Colony Number: 270-028** **Needle Rock**
Site Number: 028 **Curry County** **42° 49' 58" N, 124° 33' 29" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	162	81		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
Pelagic Cormorant	198	99		N	2	Lowe/Anderson/Matthews	6/23/1988	M	W	1	2
Pelagic Cormorant	12	6		N	2	Pitman	5/14/1979	M	W	1	1
Pigeon Guillemot	26		26	B	L	Pitman	5/14/1979	M	W	3	1

Map on page 277

Area Map: 270 (Cape Blanco)
Site Number: 029

Colony Number: 270-029
Curry County

Best Rock
42° 47' 27" N, 124° 35' 45" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	42	21		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Brandt's Cormorant	522	261		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	50	25		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	23,360		13,988	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Pigeon Guillemot	31		31	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Tufted Puffin	10			B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Pelagic Cormorant	140	70		N	2	Lowe/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	150	75		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1
Brandt's Cormorant	196	98		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Brandt's Cormorant	394	197		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	50	25		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	2	1
West./Glaucous-winged Gull	10	5		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1
Common Murre	25,726		15,405	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	13,694		8,200	B	1.67	Varoujean	5/21/1979	AP	W	3	1
Pigeon Guillemot	50		50	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1

Map on page 285

Best Rock, Orford Reef (270-029) June 9,1999 *David S. Pitkin*

Orford Reef colonies (270-030 to 270-036; same orientation as map) June 19, 1997 *David S. Pitkin*

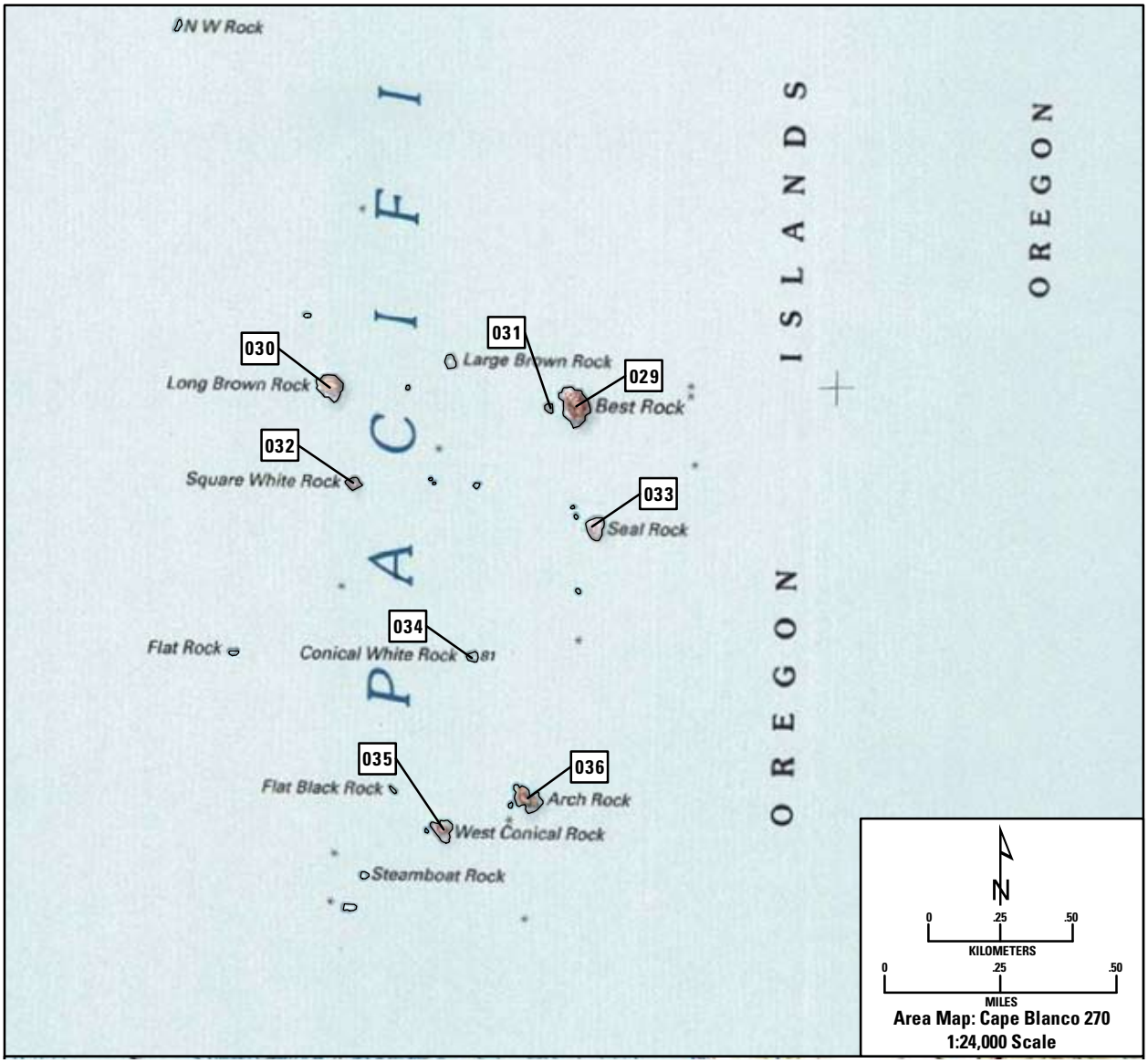
Area Map: 270 (Cape Blanco)
Site Number: 030

Colony Number: 270-030
Curry County

Long Brown Rock
42° 47' 29" N, 124° 36' 22" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Matthews	6/28/1988	B	W	1	2
Pigeon Guillemot	35		35	B	L	Lowe/Pitkin	6/24/1994	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	6/24/1994	B	W	3	2
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	6/24/1994	B	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Matthews	6/28/1988	B	W	1	2
West./Glaucous-winged Gull	X			U	L	Lowe/Pitkin	6/24/1994	B	X	4	2
Pigeon Guillemot	29		29	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Pigeon Guillemot	12		12	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1

Map on page 285


N W Rock
P A C I F I
O R E G O N
I S L A N D S
O R E G O N
030
Long Brown Rock
031
Large Brown Rock
029
Best Rock
032
Square White Rock
033
Seal Rock
034
Flat Rock
Conical White Rock
035
Flat Black Rock
036
Arch Rock
West Conical Rock
Steamboat Rock
N
0
.25
.50
KILOMETERS
0
.25
.50
MILES
Area Map: Cape Blanco 270
1:24,000 Scale

Area Map: 270 (Cape Blanco) **Colony Number: 270-031** **"Unnamed Colony"**
Site Number: 031 **Curry County** **42° 47' 27" N, 124° 35' 49" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	36	18		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pigeon Guillemot	3		3	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Pelagic Cormorant	8	4		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1
Pigeon Guillemot	15		15	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1

Map on page 285

Area Map: 270 (Cape Blanco)
Site Number: 032

Colony Number: 270-032
Curry County

Square White Rock
42° 47' 18" N, 124° 36' 18" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	68	34		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Common Murre	8,285		4,961	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Pigeon Guillemot	3		3	B	L	Lowe	6/24/1994	B	W	3	2
Pelagic Cormorant	102	51		N	2	Lowe	6/24/1994	B	W	1	2
Pelagic Cormorant	106	53		N	2	Lowe/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	68	34		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1
Brandt's Cormorant	14	7		N	2	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	6,864		4,110	B	1.67	Lowe/Heimgartner	6/4/1992	AP	W	2	2
Common Murre	6,707		4,016	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	7,515		4,500	B	1.67	Varoujean	7/11/1979	AP	W	2	1
Pigeon Guillemot	2		2	B	L	Lowe/Matthews	6/28/1988	B	W	3	2

Map on page 285

Area Map: 270 (Cape Blanco)
Site Number: 033

Colony Number: 270-033
Curry County

Seal Rock
42° 47' 13" N, 124° 35' 41" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	16	8		N	2	Lowe/Matthews	6/28/1988	B	W	3	2
West./Glaucous-winged Gull	6	3		N	2	Pitman	5/16/1979	C	W	1	1

Map on page 285

Area Map: 270 (Cape Blanco)
Site Number: 034

Colony Number: 270-034
Curry County

Conical White Rock
42° 46' 58" N, 124° 35' 60" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	164	82		N	2	Pitkin/Ledig	7/14/2004	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Ledig	6/11/2004	AP	W	1	3
Common Murre	3,641		2,180	B	1.67	Pitkin/Ledig	6/11/2004	AP	W	2	3
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	6/24/1994	B	W	3	2
Pelagic Cormorant	102	51		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pelagic Cormorant	172	86		N	2	Lowe/Pitkin	6/24/1994	B	W	1	2

Colony 270-034 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	200	100		N	2	Lowe/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	54	27		N	2	Varoujean	7/11/1979	AP	W	2	1
Brandt's Cormorant	8	4		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Brandt's Cormorant	34	17		N	2	Pitkin/Papish	6/6/2002	AP	W	1	3
Brandt's Cormorant	8	4		N	2	Pitkin/Lowe	6/15/2000	AP	W	1	3
Brandt's Cormorant	56	28		N	2	Lowe/Pitkin	6/9/1999	AP	W	1	2
Brandt's Cormorant	16	8		N	2	Lowe/Pitkin	6/10/1997	AP	W	1	2
Brandt's Cormorant	26	13		N	2	Lowe/Pitkin	6/5/1996	AP	W	1	2
Brandt's Cormorant	44	22		N	2	Lowe/Pitkin	6/8/1995	AP	W	2	2
Brandt's Cormorant	X			O	L	Lowe/Pitkin	6/24/1994	B	X	4	2
Brandt's Cormorant	42	21		N	2	Lowe/Pitkin	6/8/1994	AP	W	1	2
Brandt's Cormorant	50	25		N	2	Lowe/Pitkin	6/8/1993	AP	W	2	2
Brandt's Cormorant	76	38		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Brandt's Cormorant	86	43		N	2	Lowe/Naughton	6/4/1991	AP	W	1	2
Brandt's Cormorant	90	45		N	2	Lowe/Naughton	6/11/1990	AP	W	1	2
Brandt's Cormorant	28	14		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	24	12		N	2	Varoujean	7/11/1979	AP	W	2	1
Common Murre	2,568		1,538	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Common Murre	2,583		1,547	B	1.67	Pitkin/Lowe	6/6/2002	AP	W	2	3
Common Murre	1,880		1,126	B	1.67	Pitkin/Lowe	6/7/2001	AP	W	2	3
Common Murre	1,854		1,110	B	1.67	Pitkin/Lowe	6/15/2000	AP	W	2	3
Common Murre	1,964		1,176	B	1.67	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	615		368	B	1.67	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	2,174		1,302	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	2,538		1,520	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2
Common Murre	2,901		1,737	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	X			O	L	Lowe/Pitkin	6/24/1994	B	X	4	2
Common Murre	3,869		2,317	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	1,324		793	B	1.67	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	3,074		1,841	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	3,589		2,149	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2
Common Murre	3,145		1,883	B	1.67	Lowe/Naughton	6/11/1990	AP	W	2	2
Common Murre	2,964		1,775	B	1.67	Lowe/Naughton	6/7/1989	AP	W	2	2
Common Murre	3,425		2,051	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	1,670		1,000	B	1.67	Varoujean	7/11/1979	AP	W	3	1
Pigeon Guillemot	2		2	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Pigeon Guillemot	1		1	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1

Map on page 285

Area Map: 270 (Cape Blanco)
Site Number: 035

Colony Number: 270-035
Curry County

West Conical Rock
42° 46' 39" N, 124° 36' 4" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	116	58		N	2	Pitkin/Ledig	7/14/2004	B	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	1,540		922	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Pigeon Guillemot	15		15	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Tufted Puffin	8		8	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Pelagic Cormorant	10	5		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pelagic Cormorant	104	52		N	2	Lowe/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	12	6		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1
West./Glaucous-winged Gull	6	3		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1
Common Murre	1,044		625	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	1,939		1,161	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	752		450	B	1.67	Varoujean	7/11/1979	AP	W	3	1
Pigeon Guillemot	20		20	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1
Tufted Puffin	2			B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1

Map on page 285

Area Map: 270 (Cape Blanco)
Site Number: 036

Colony Number: 270-036
Curry County

Arch Rock
42° 46' 42" N, 124° 35' 51" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	132	66		N	2	Pitkin/Ledig	7/14/2004	B	W	1	3
Brandt's Cormorant	130	65		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	32	16		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	149		89	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Pigeon Guillemot	8		8	B	L	Lowe/Pitkin	6/24/1994	B	W	3	2
Pelagic Cormorant	104	52		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pelagic Cormorant	70	35		N	2	Lowe/Pitkin	6/24/1994	B	W	1	2
Pelagic Cormorant	94	47		N	2	Lowe/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	112	56		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1
Brandt's Cormorant	146	73		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	6/24/1994	B	X	4	2
West./Glaucous-winged Gull	10	5		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1
Common Murre	115		69	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	5		5	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Pigeon Guillemot	10		10	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1

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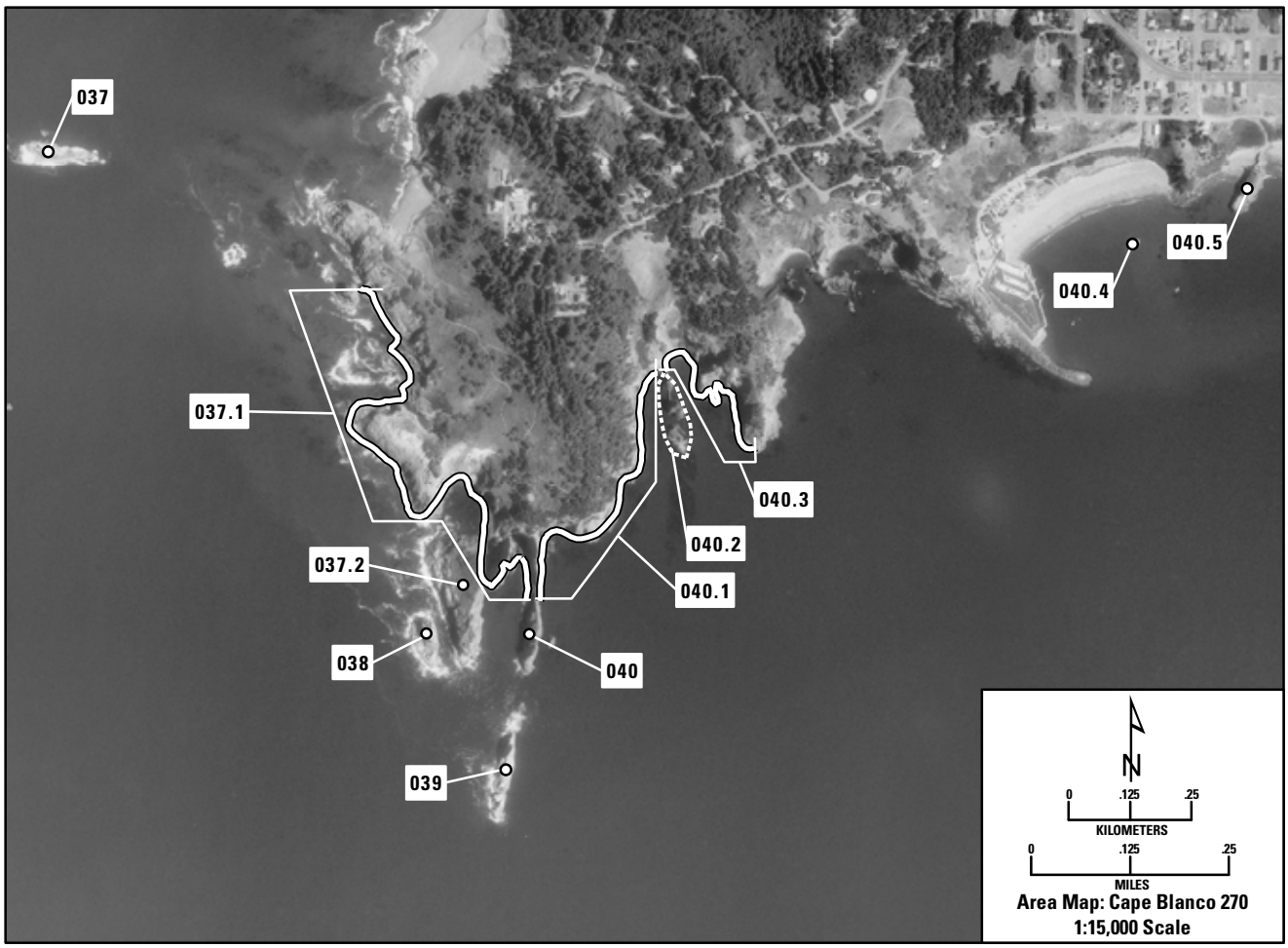
Area Map: 270 (Cape Blanco) **Colony Number: 270-029C** **"Orford Reef Complex"**
Site Number: 029-036 **Curry County** **42° 47' 7" N, 124° 36' 1" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	335		335	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	380		380	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	725		725	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	450		450	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	800		800	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	300		300	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	125		125	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Unidentified Cormorant	100		100	B	L	Marshall/Glahn	5/14/1963	A	T	3	4
West./Glaucous-winged Gull	230		230	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
Common Murre	6,900		6,900	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	6,000		6,000	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	10,600		10,600	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	10,850		10,850	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	12,500		12500	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	12,000		12,000	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	7,100		7,100	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	8,000		8,000	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	8,200		8,200	B	L	Rodgers/Glahn	7/1/1969	A	Y	3	4
Common Murre	9,500		9,500	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	7,500		7,500	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	6,000		6,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	7,800		7,800	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Common Murre	2,000		2,000	B	L	Marshall/Glahn	5/14/1963	A	T	4	4



Area Map: Cape Blanco 270
1:15,000 Scale

Area Map: 270 (Cape Blanco) **Colony Number: 270-037** **Klooqueh Rock**
Site Number: 037 **Curry County** **42° 44' 30" N, 124° 31' 23" W**

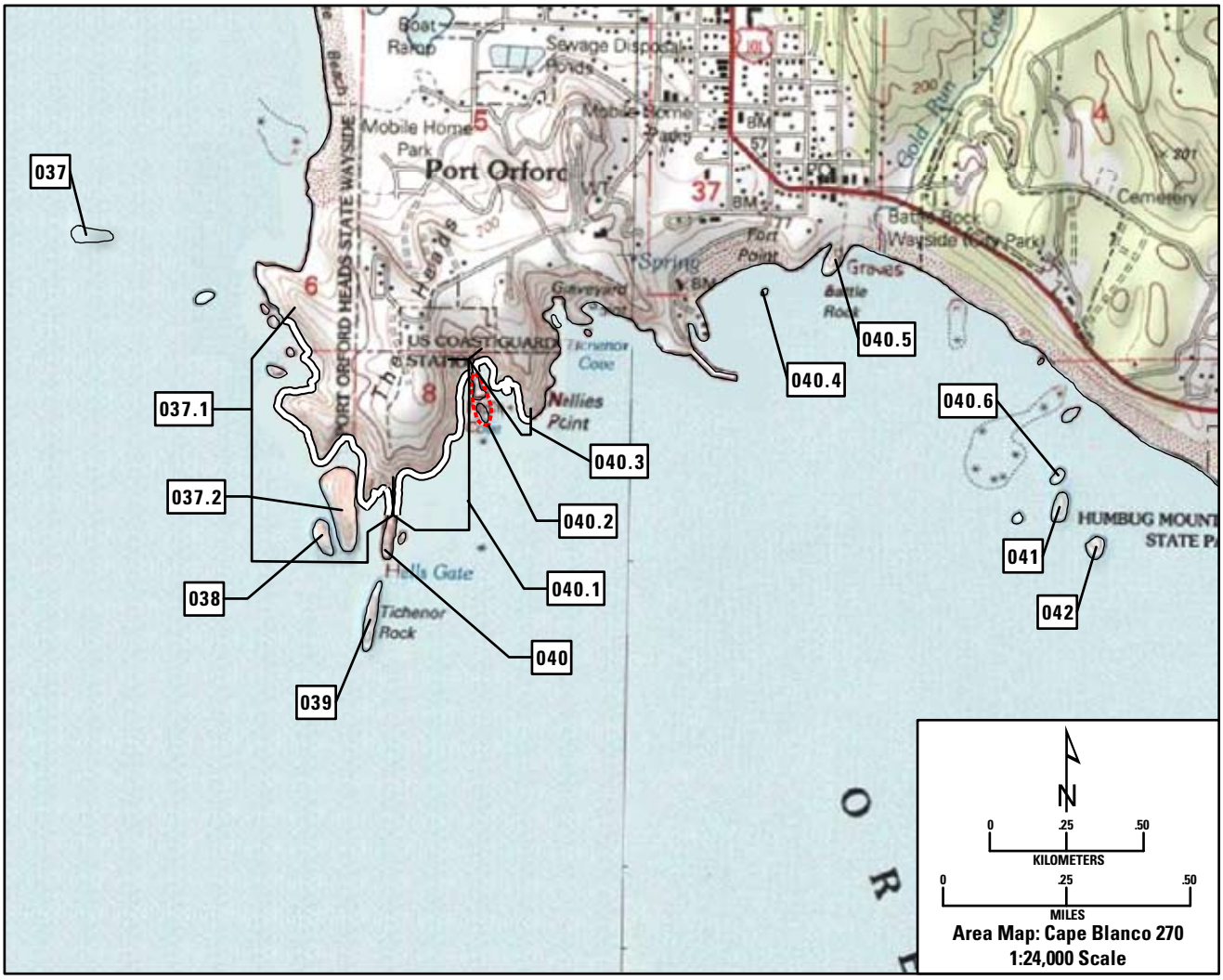
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	22	11		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
West./Glaucous-winged Gull	16	8		N	2	Lowe	6/28/1988	C	W	1	2
Pigeon Guillemot	6		6	B	L	Lowe/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe	6/28/1988	C	W	1	2
Unidentified Cormorant	30		30	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	15		15	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	0		0	B	L	USFWS	6/26/1972	A	W	3	4
Unidentified Cormorant	75		75	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Pelagic Cormorant	2	1		N	2	Lowe	6/24/1994	B	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1
West./Glaucous-winged Gull	20		20	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	2		2	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	20		20	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Pigeon Guillemot	20		20	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-037.1** **"Unnamed Colony"**
Site Number: 037.1 **Curry County** **42° 44' 9" N, 124° 30' 51" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	16		16	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2

Map on page 293



Area Map: 270 (Cape Blanco)
Site Number: 037.2

Colony Number: 270-037.2
Curry County

"Unnamed Colony"
42° 44' 2" N, 124° 30' 46" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B	W	1	3
Pigeon Guillemot	8		8	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Pelagic Cormorant	4	2		N	2	Lowe/Anderson/Matthews	6/28/1988	B	W	1	2

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-038** **"Unnamed Colony"**
Site Number: 038 **Curry County** **42° 43' 59" N, 124° 30' 49" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Seabirds	0		0	O	L	Lowe/Anderson/Matthews	6/28/1988	B	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-039** **Tichenor Rock**
Site Number: 039 **Curry County** **42° 43' 50" N, 124° 30' 42" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	30	15		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
West./Glaucous-winged Gull	22	11		N	2	Lowe/Anderson/Matthews	6/28/1988	B	W	1	2
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	2	1		N	2	Lowe/Anderson/Matthews	6/28/1988	B	W	1	2
Unidentified Cormorant	0		0	B	L	USFWS	7/12/1974	A	W	3	4
Unidentified Cormorant	25		25	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	0		0	B	L	USFWS	6/26/1972	A	W	3	4
Pelagic Cormorant	12	6		N	2	Lowe/Anderson/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	4	2		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1
West./Glaucous-winged Gull	8	4		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1
West./Glaucous-winged Gull	100		100	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	125		125	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	10		10	B	L	USFWS	6/26/1972	A	T	3	4
Pigeon Guillemot	16		16	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-040** **"Hells Gate Finger"**
Site Number: 040 **Curry County** **42° 43' 59" N, 124° 30' 39" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	4	2		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pigeon Guillemot	7		7	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Pelagic Cormorant	16	8		N	2	Lowe/Anderson/Matthews	6/28/1988	B	W	1	2
Pigeon Guillemot	17		17	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-040.1** **"Unnamed Colony"**
Site Number: 040.1 **Curry County** **42° 44' 8" N, 124° 30' 31" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	5		5	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-040.2** **"Nellies Cove Rocks"**
Site Number: 040.2 **Curry County** **42° 44' 13" N, 124° 30' 27" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	7		7	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-040.3** **Nellies Point**
Site Number: 040.3 **Curry County** **42° 44' 15" N, 124° 30' 23" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-040.4** **"Unnamed Colony"**
Site Number: 040.4 **Curry County** **42° 44' 26" N, 124° 29' 46" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/27/1988	M	W	1	2

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-040.5** **Battle Rock**
Site Number: 040.5 **Curry County** **42° 44' 29" N, 124° 29' 36" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	17		17	B	L	Lowe/Anderson/Matthews	6/27/1988	C	W	3	2

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-040.6** **"Unnamed Colony"**
Site Number: 040.6 **Curry County** **42° 44' 7" N, 124° 29' 3" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	1		1	B	L	Anderson	6/28/1988	C	W	3	2
Black Oystercatcher	2		2	B	L	Anderson	6/28/1988	C	W	3	2

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-041** **"Unnamed Colony"**
Site Number: 041 **Curry County** **42° 44' 3" N, 124° 29' 3" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	16	8		N	2	Matthews	6/28/1988	C	W	1	2
Pigeon Guillemot	2		2	B	L	Matthews	6/24/1988	M	W	3	2
West./Glaucous-winged Gull	40	20		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	1	1
Pigeon Guillemot	5		5	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-042** **"Unnamed Colony"**
Site Number: 042 **Curry County** **42° 43' 59" N, 124° 28' 58" W**

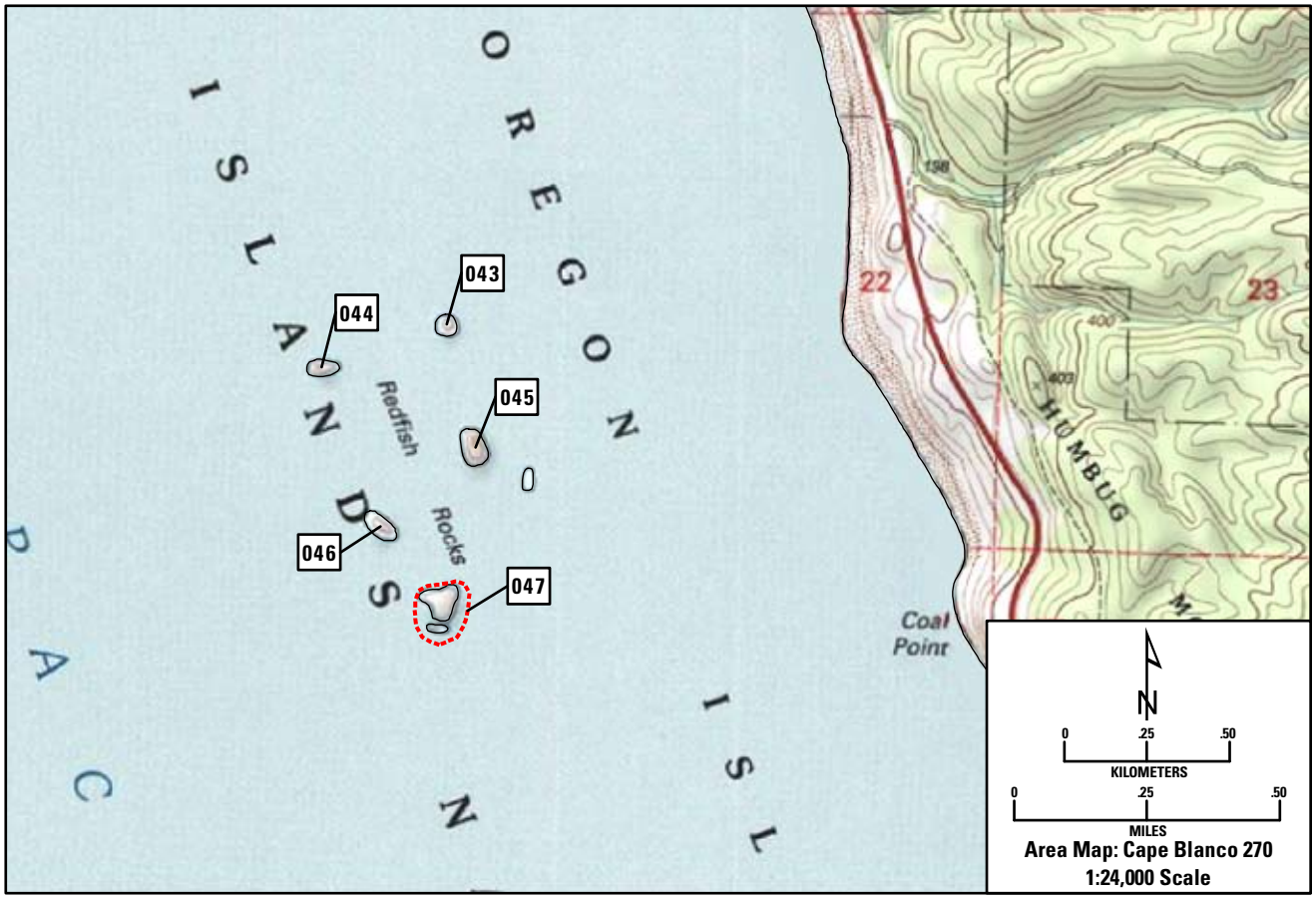
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	18	9		N	2	Lowe/Anderson/Matthews	6/28/1988	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
West./Glaucous-winged Gull	24	12		N	2	Pitman/Graybill/Varoujean	5/16/1979	B	W	2	1
Black Oystercatcher	2		2	B	L	Pitman/Graybill/Varoujean	5/16/1979	B	W	3	1

Map on page 293

Area Map: 270 (Cape Blanco) **Colony Number: 270-043** **Redfish Rocks (Northern)**
Site Number: 043 **Curry County** **42° 42' 8" N, 124° 28' 28" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	50	25		N	2	Pitkin/Ledig	7/14/2004	B	W	1	3
Brandt's Cormorant	12	6		N	2	Pitkin/Ledig	6/11/2004	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	1,358		813	B	1.67	Pitkin/Ledig	6/11/2004	AP	W	2	3
Pigeon Guillemot	1		1	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Tufted Puffin	1		1	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Pelagic Cormorant	36	18		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pelagic Cormorant	56	28		N	2	Lowe/Anderson/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	36	18		N	2	Pitman/Varoujean	5/17/1979	B	W	1	1
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Brandt's Cormorant	10	5		N	2	Lowe/Pitkin	6/9/1999	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1998	AP	W	1	2
Brandt's Cormorant	2	1		N	2	Lowe/Pitkin	6/8/1993	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Naughton	6/7/1989	AP	W	1	2
Common Murre	1,194		715	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Common Murre	890		533	B	1.67	Pitkin/Lowe	6/6/2002	AP	W	2	3
Common Murre	1,196		716	B	1.67	Pitkin/Lowe	6/7/2001	AP	W	2	3
Common Murre	1,349		808	B	1.67	Pitkin/Lowe	6/15/2000	AP	W	2	3
Common Murre	1,242		744	B	1.67	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	595		356	B	1.67	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	1,994		1,194	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	2,019		1,209	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2
Common Murre	2,077		1,244	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	2,528		1,514	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	329		197	B	1.67	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	2,188		1,310	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	2,540		1,521	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2
Common Murre	3,153		1,888	B	1.67	Lowe/Naughton	6/11/1990	AP	W	2	2
Common Murre	2,335		1,398	B	1.67	Lowe/Naughton	6/7/1989	AP	W	2	2
Common Murre	2,336		1,399	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	2,338		1,400	B	1.67	Varoujean	7/11/1979	AP	W	2	1
Pigeon Guillemot	9		9	B	L	Pitman/Varoujean	5/17/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	5/17/1979	B	W	3	1

Map on page 299



Redfish Rocks (270-043 to 270-047) *David S. Pitkin*

Area Map: 270 (Cape Blanco)
Site Number: 044

Colony Number: 270-044
Curry County

Redfish Rocks (Northwestern)
42° 42' 4" N, 124° 28' 44" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	50	25		N	2	Pitkin/Ledig	7/14/2004	B	W	1	3
Brandt's Cormorant	4	2		N	2	Pitkin/Ledig	6/11/2004	AP	W	1	3
West./Glaucous-winged Gull	8	4		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	930		557	B	1.67	Pitkin/Ledig	6/11/2004	AP	W	2	3
Pigeon Guillemot	3		3	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Tufted Puffin	1		1	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Pelagic Cormorant	50	25		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pelagic Cormorant	42	21		N	2	Lowe/Anderson/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	18	9		N	2	Pitman/Varoujean	5/17/1979	B	W	1	1
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Brandt's Cormorant	2	1		N	2	Pitkin/Lowe	6/7/2001	AP	W	1	3
Brandt's Cormorant	6	3		N	2	Lowe/Pitkin	6/9/1999	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1998	AP	W	1	2
Brandt's Cormorant	20	10		N	2	Lowe/Pitkin	6/10/1997	AP	W	1	2
Brandt's Cormorant	46	23		N	2	Lowe/Pitkin	6/5/1996	AP	W	1	2
Brandt's Cormorant	36	18		N	2	Lowe/Pitkin	6/8/1995	AP	W	1	2
Brandt's Cormorant	56	28		N	2	Lowe/Pitkin	6/8/1994	AP	W	2	2
Brandt's Cormorant	80	40		N	2	Lowe/Pitkin	6/8/1993	AP	W	1	2
Brandt's Cormorant	58	29		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Brandt's Cormorant	34	17		N	2	Lowe/Naughton	6/4/1991	AP	W	1	2
Brandt's Cormorant	94	47		N	2	Lowe/Naughton	6/11/1990	AP	W	1	2
Brandt's Cormorant	32	16		N	2	Lowe/Naughton	6/7/1989	AP	W	1	2
Brandt's Cormorant	32	16		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	62	31		N	2	Varoujean	7/11/1979	AP	W	2	1
West./Glaucous-winged Gull	2	1		N	2	Pitman/Varoujean	5/17/1979	B	W	1	1
Common Murre	770		461	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Common Murre	745		446	B	1.67	Pitkin/Lowe	6/6/2002	AP	W	2	3
Common Murre	653		391	B	1.67	Pitkin/Lowe	6/7/2001	AP	W	2	3
Common Murre	593		355	B	1.67	Pitkin/Lowe	6/15/2000	AP	W	2	3
Common Murre	777		465	B	1.67	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	309		185	B	1.67	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	1,039		622	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	1,092		654	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2
Common Murre	1,263		756	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	1,794		1,074	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	67		40	B	1.67	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	1,186		710	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	1,167		699	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2

Colony 270-044 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	1,435		859	B	1.67	Lowe/Naughton	6/11/1990	AP	W	2	2
Common Murre	1,232		738	B	1.67	Lowe/Naughton	6/7/1989	AP	W	2	2
Common Murre	1,363		816	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	1,002		600	B	1.67	Varoujean	7/11/1979	AP	W	3	1
Pigeon Guillemot	3		3	B	L	Pitman/Varoujean	5/17/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	5/17/1979	B	W	3	1

Map on page 299

Area Map: 270 (Cape Blanco)
Site Number: 045

Colony Number: 270-045
Curry County

Redfish Rocks (East Central)
42° 41' 56" N, 124° 28' 24" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	162	81		N	2	Pitkin/Ledig	7/14/2004	B	W	1	3
Brandt's Cormorant	18	9		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	84	42		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	8,378		5,017	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	14		14	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Tufted Puffin	2		2	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Pelagic Cormorant	176	88		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pelagic Cormorant	336	168		N	2	Lowe/Anderson/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	120	60		N	2	Pitman/Varoujean	5/17/1979	B	W	2	1
Brandt's Cormorant	150	75		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	82	41		N	2	Pitman/Varoujean	5/17/1979	B	W	2	1
West./Glaucous-winged Gull	58	29		N	2	Pitman/Varoujean	5/17/1979	B	W	1	1
Common Murre	5,010		3,000	B	1.67	Varoujean	7/11/1979	AP	W	2	1
Pigeon Guillemot	18		18	B	L	Pitman/Varoujean	5/17/1979	B	W	3	1
Tufted Puffin	2			B	L	Pitman/Graybill	7/3/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	5/17/1979	B	W	3	1

Map on page 299

Area Map: 270 (Cape Blanco)
Site Number: 046

Colony Number: 270-046
Curry County

Redfish Rocks (West Central)
42° 41' 48" N, 124° 28' 36" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	18	9		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	2,958		1,771	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Brandt's Cormorant	14	7		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	30	15		N	2	Pitman/Varoujean	5/17/1979	B	W	2	1
Common Murre	2,088		1,250	B	1.67	Varoujean	7/11/1979	AP	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	5/17/1979	B	W	3	1

Map on page 299

Area Map: 270 (Cape Blanco)
Site Number: 047

Colony Number: 270-047
Curry County

Redfish Rocks (Southern)
42° 41' 40" N, 124° 28' 28" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	50	25		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	7,128		4,268	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Tufted Puffin	5		5	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitkin/Wells	7/7/2003	B	W	3	3
West./Glaucous-winged Gull	40	20		N	2	Pitman/Varoujean	5/17/1979	B	W	2	1
Common Murre	7,849		4,700	B	1.67	Varoujean	7/11/1979	AP	W	3	1
Pigeon Guillemot	11		11	B	L	Pitman/Varoujean	5/17/1979	B	W	3	1
Black Oystercatcher	3	1	3	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	4		4	B	L	Pitman/Varoujean	5/17/1979	B	W	3	1

Map on page 299

Area Map: 270 (Cape Blanco) **Colony Number: 270-043C** **"Redfish Rocks Complex"**
Site Number: 043-047 **Curry County** **42° 41' 54" N, 124° 28' 32" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	180		180	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	475		475	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	85		85	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	200		200	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	800		800	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	600		600	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	400		400	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
West./Glaucous-winged Gull	195		195	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	40		40	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	200		200	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
West./Glaucous-winged Gull	150		150	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
Common Murre	9,000		9,000	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	6,500		6,500	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	8,800		8,800	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	3,700		3,700	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	5,300		5,300	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	9,400		9,400	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	8,000		8000	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	10,500		10,500	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	6,500		6,500	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	5,000		5,000	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	3400		3,400	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	7,800		7,800	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Common Murre	1,500		1,500	B	L	Marshall/Glahn	5/14/1963	A	T	3	4

Area Map: 270 (Cape Blanco) **Colony Number: 270-047.1** **"Unnamed Colony"**
Site Number: 047.1 **Curry County** **42° 40' 47" N, 124° 27' 1" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	6		6	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2

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Area Map: 270 (Cape Blanco) **Colony Number: 270-047.2** **"Unnamed Colony"**
Site Number: 047.2 **Curry County** **42° 40' 31" N, 124° 27' 8" W**

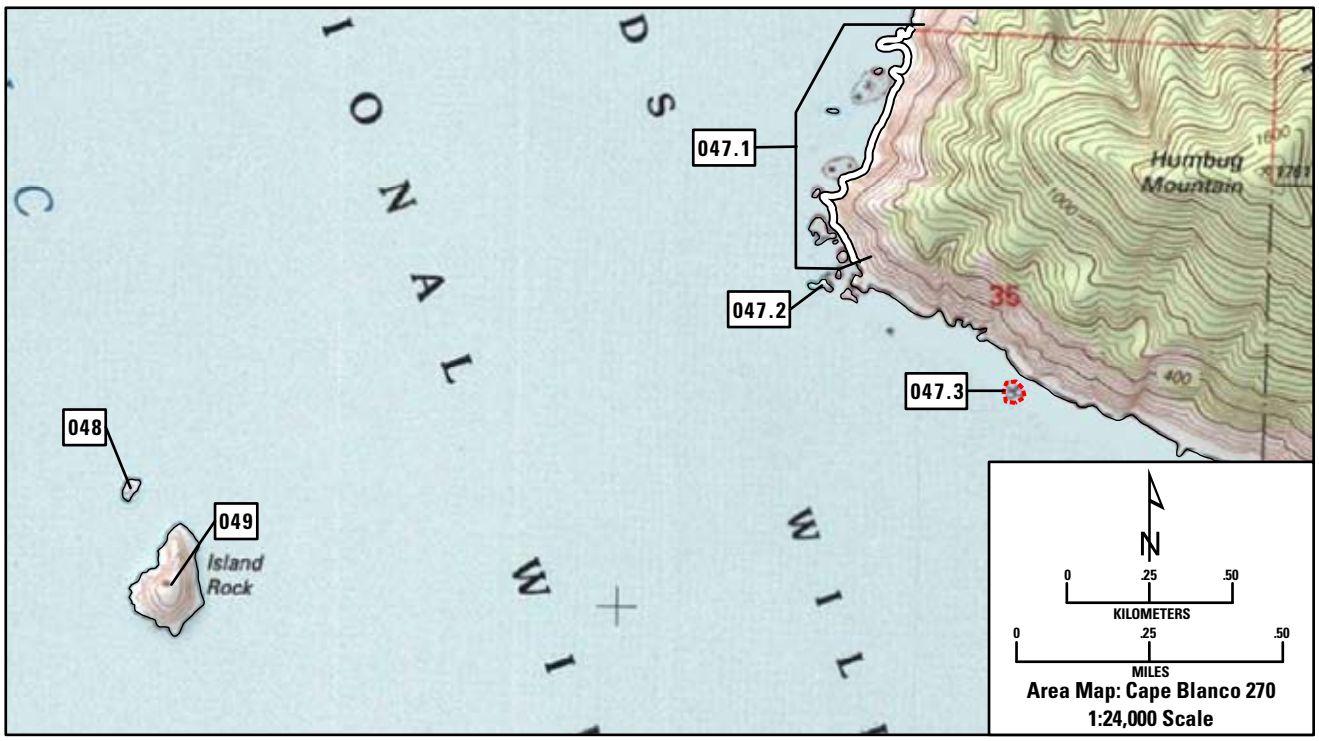
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	1		1	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2

Map on page 305

Area Map: 270 (Cape Blanco) **Colony Number: 270-047.3** **"Unnamed Colony"**
Site Number: 047.3 **Curry County** **42° 40' 21" N, 124° 26' 42" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	13		13	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Black Oystercatcher	5		5	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2

Map on page 305



Area Map: 270 (Cape Blanco)
Site Number: 048

Colony Number: 270-048
Curry County

"Unnamed Colony"
42° 40' 10" N, 124° 28' 39" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson/Matthews	6/28/1988	B	W	2	2
Common Murre	3,492		2,091	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Tufted Puffin	2		2	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Pelagic Cormorant	18	9		N	2	Pitman/Graybill	7/2/1979	B	W	1	1
Brandt's Cormorant	6	3		N	2	Lowe/Anderson/Matthews	6/28/1988	B	W	1	2
Brandt's Cormorant	16	8		N	2	Pitman/Graybill	7/2/1979	B	W	2	1
West./Glaucous-winged Gull	6	3		N	2	Pitman/Graybill	7/2/1979	B	W	2	1
Common Murre	300		300	B	D	Browning/English	4/22/1967	C	Y	4	5
Pigeon Guillemot	13		13	B	L	Pitman/Graybill	7/2/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Graybill	7/2/1979	B	W	3	1

Map on page 305

Area Map: 270 (Cape Blanco) **Colony Number: 270-049** **Island Rock**
Site Number: 049 **Curry County** **42° 40' 1" N, 124° 28' 34" W**

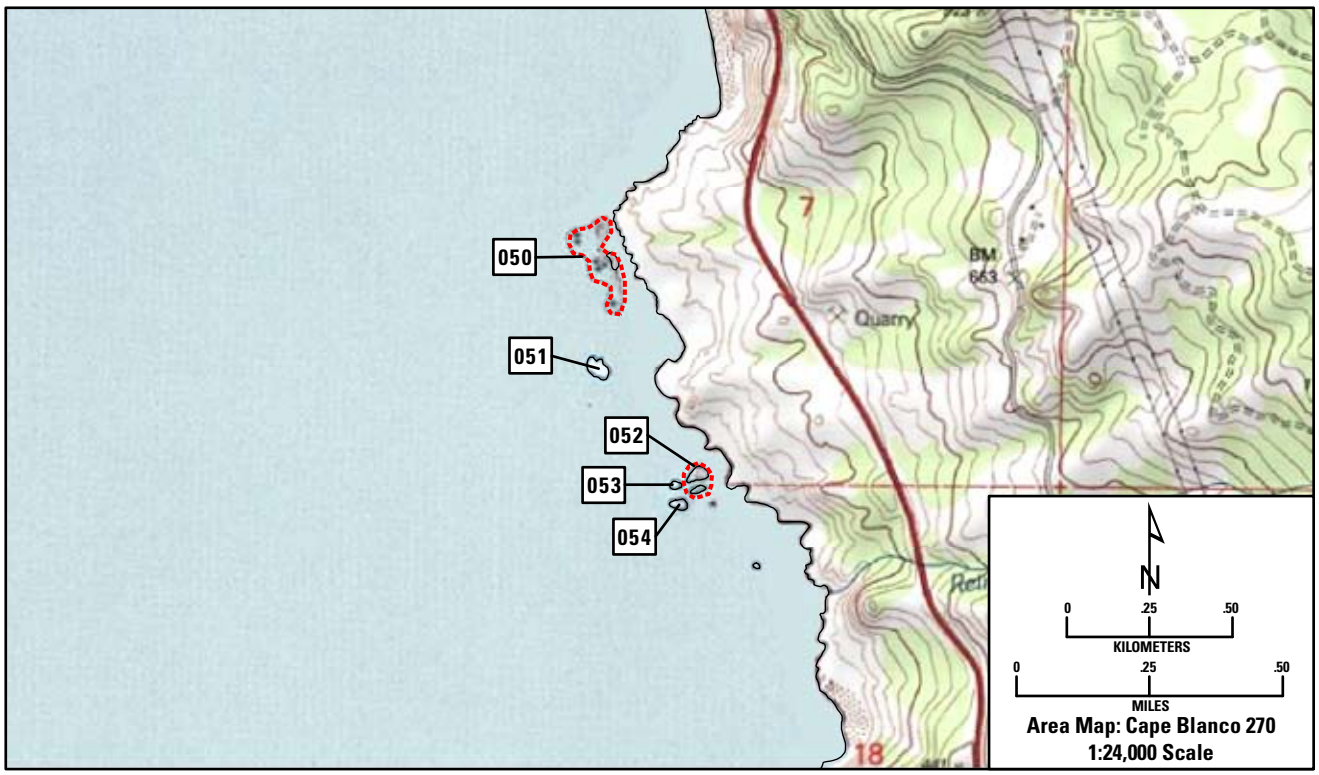
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	300			U	L	Pitman	7/3/1979	C	Y	3	1
Fork-tailed Storm-Petrel	P			O	L	Lowe/Anderson/Matthews	6/28/1988	B	P	4	2
Pelagic Cormorant	130	65		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Brandt's Cormorant	488	244		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	1538	769		N	2	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	21,485		12,865	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	42		42	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Cassin's Auklet	100	2		N	L	Pitman	7/3/1979	C	Y	4	1
Rhinoceros Auklet	P			O	L	Lowe/Anderson/Matthews	6/28/1988	B	P	4	2
Tufted Puffin	300	150		N	2	Lowe/Anderson/Matthews	6/28/1988	B	Y	3	2
Horned Puffin	1		1	B	L	Pitman/Graybill	7/3/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/28/1988	B	W	3	2
Leach's Storm-Petrel	P			O	L	Lowe/Anderson/Matthews	6/28/1988	B	P	4	2
Leach's Storm-Petrel	X			U	L	Braly	6/15/1930	M	X	4	10
Fork-tailed Storm-Petrel	P			O	L	Pitman	7/3/1979	C	P	4	1
Fork-tailed Storm-Petrel	X			U	L	Braly	6/15/1930	M	X	4	10
Pelagic Cormorant	300	150		N	2	Lowe/Anderson/Matthews	6/28/1988	B	W	1	2
Pelagic Cormorant	264	132		N	2	Pitman/Graybill	7/2/1979	B	W	1	1
Pelagic Cormorant	52		26	B	2	Browning/English	4/22/1967	C	Y	4	5
Pelagic Cormorant	100		100	B	L	Braly	6/15/1930	M	T	4	10
Brandt's Cormorant	762	381		N	2	Lowe/Anderson	6/3/1988	AP	W	2	2
Brandt's Cormorant	502	251		N	2	Pitman/Graybill	7/3/1979	B	W	2	1
Brandt's Cormorant	12		6	B	2	Browning/English	4/22/1967	C	Y	4	5
West./Glaucous-winged Gull	700	350		N	2	Pitman/Graybill	7/3/1979	B	W	2	1
West./Glaucous-winged Gull	325		325	B	A	Browning/English	4/22/1967	C	Y	4	5
West./Glaucous-winged Gull	X			U	L	Braly	6/15/1930	M	X	4	10
Common Murre	11,022		6,600	B	1.67	Varoujean	7/11/1979	AP	W	2	1
Common Murre	1,181		1,181	B	L	Browning/English	4/22/1967	C	Y	4	5
Common Murre	0		0	U	L	Braly	6/15/1930	M	Y	4	10
Pigeon Guillemot	60		60	B	L	Pitman/Graybill	7/2/1979	B	W	3	1
Pigeon Guillemot	36		36	B	L	Browning/English	4/22/1967	C	Y	4	5
Cassin's Auklet	P			O	L	Lowe/Anderson/Matthews	6/28/1988	B	P	4	2
Cassin's Auklet	66	33		N	2	Browning/English	4/22/1967	C	W	3	5
Cassin's Auklet	X			U	L	Braly	6/15/1930	M	X	4	10
Rhinoceros Auklet	P			O	L	Pitman	7/3/1979	C	P	4	1
Tufted Puffin	18		18	B	L	Lowe/Thounhurst/Gard	8/31/1989	B	W	3	2
Tufted Puffin	350	175		N	2	Pitman/Graybill	7/3/1979	B	Y	4	1
Tufted Puffin	26	13		N	2	Browning/English	4/22/1967	C	W	4	5
Tufted Puffin	X			U	L	Braly	6/15/1930	M	X	4	10
Black Oystercatcher	4		4	B	L	Pitman/Graybill	7/2/1979	B	W	3	1

Map on page 305

Area Map: 270 (Cape Blanco) **Colony Number: 270-048C** **"Island Rock Complex"**
Site Number: 048-049 **Curry County** **42° 40' 3" N, 124° 28' 36" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	200		200	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	800		800	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	250		250	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	200		200	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	50		50	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
Unidentified Cormorant	250		250	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	200		200	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	400		400	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Unidentified Cormorant	400		400	B	L	Marshall/Glahn	5/14/1963	A	T	4	4
West./Glaucous-winged Gull	150		150	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	600		600	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	300		300	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	800		800	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	600		600	B	L	Glahn	6/18/1970	A	T	3	4
West./Glaucous-winged Gull	3,000		3,000	B	L	Rodgers/Glahn	7/1/1969	A	T	3	4
West./Glaucous-winged Gull	800		800	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	400		400	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
West./Glaucous-winged Gull	3,500		3,500	B	L	Marshall/Glahn	5/14/1963	A	T	4	4
Common Murre	1,200		1,200	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	4,300		4,300	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	5,300		5,300	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	4,600		4,600	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	3,400		3,400	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	600		600	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Common Murre	3,800		3,800	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	3,000		3,000	B	L	Rodgers/Glahn	7/1/1969	A	Y	3	4
Common Murre	3,500		3,500	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	700		700	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Common Murre	3,000		3,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	1,500		1,500	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Common Murre	125		125	B	L	Marshall/Glahn	5/14/1963	A	T	4	4

Island Rock (270-049) *David S. Pitkin*



Area Map: 270 (Cape Blanco) **Colony Number: 270-050** **"Unnamed Colony"**
Site Number: 050 **Curry County42° 38' 40" N, 124° 24' 51" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	1		1	B	L	Matthews	6/25/1988	M	W	3	2
Pigeon Guillemot	5		5	B	L	Pitman/Graybill	7/3/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Pitman/Graybill	7/3/1979	B	W	3	1

Map on page 309

Area Map: 270 (Cape Blanco) **Colony Number: 270-051** **"Unnamed Colony"**
Site Number: 051 **Curry County** **42° 38' 29" N, 124° 24' 51" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
West./Glaucous-winged Gull	16	8		N	2	Pitman/Graybill	7/3/1979	B	W	1	1
Black Oystercatcher	2		2	B	L	Pitman/Graybill	7/3/1979	B	W	3	1

Map on page 309

Area Map: 270 (Cape Blanco) **Colony Number: 270-052** **"Unnamed Colony"**
Site Number: 052 **Curry County** **42° 38' 19" N, 124° 24' 38" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B	W	1	3
Pelagic Cormorant	4	2		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman/Graybill	7/3/1979	B	W	1	1

Map on page 309

Area Map: 270 (Cape Blanco) **Colony Number: 270-053** **"Unnamed Colony"**
Site Number: 053 **Curry County** **42° 38' 18" N, 124° 24' 41" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pelagic Cormorant	4	2		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pelagic Cormorant	36	18		N	2	Pitman/Graybill	7/3/1979	B	W	1	1
Brandt's Cormorant	34	17		N	2	Lowe/Naughton	6/11/1990	AP	W	1	2
Brandt's Cormorant	32	16		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	6	3		N	2	Pitman/Graybill	7/3/1979	B	W	2	1
West./Glaucous-winged Gull	10	5		N	2	Pitman/Graybill	7/3/1979	B	W	1	1
Pigeon Guillemot	17		17	B	L	Pitman/Graybill	7/3/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Graybill	7/3/1979	B	W	3	1

Map on page 309

Area Map: 270 (Cape Blanco) **Colony Number: 270-054** **"Unnamed Colony"**
Site Number: 054 **Curry County** **42° 38' 16" N, 124° 24' 40" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	6	3		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pelagic Cormorant	34	17		N	2	Pitman/Graybill	7/3/1979	B	W	1	1
Brandt's Cormorant	16	8		N	2	Lowe/Naughton	6/11/1990	AP	W	1	2
Brandt's Cormorant	10	5		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	34	17		N	2	Pitman/Graybill	7/3/1979	B	W	2	1
West./Glaucous-winged Gull	2	1		N	2	Pitman/Graybill	7/3/1979	B	W	1	1
Black Oystercatcher	2		2	B	L	Pitman/Graybill	7/3/1979	B	W	3	1

Map on page 309

Area Map: 270 (Cape Blanco) **Colony Number: 270-054.1** **Lookout Rock**
Site Number: 054.1 **Curry County** **42° 37' 46" N, 124° 24' 22" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B	W	1	3
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pelagic Cormorant	20	10		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2

Map on page 313

Area Map: 270 (Cape Blanco) **Colony Number: 270-054.2** **"Unnamed Colony"**
Site Number: 054.2 **Curry County** **42° 36' 46" N, 124° 24' 14" W**

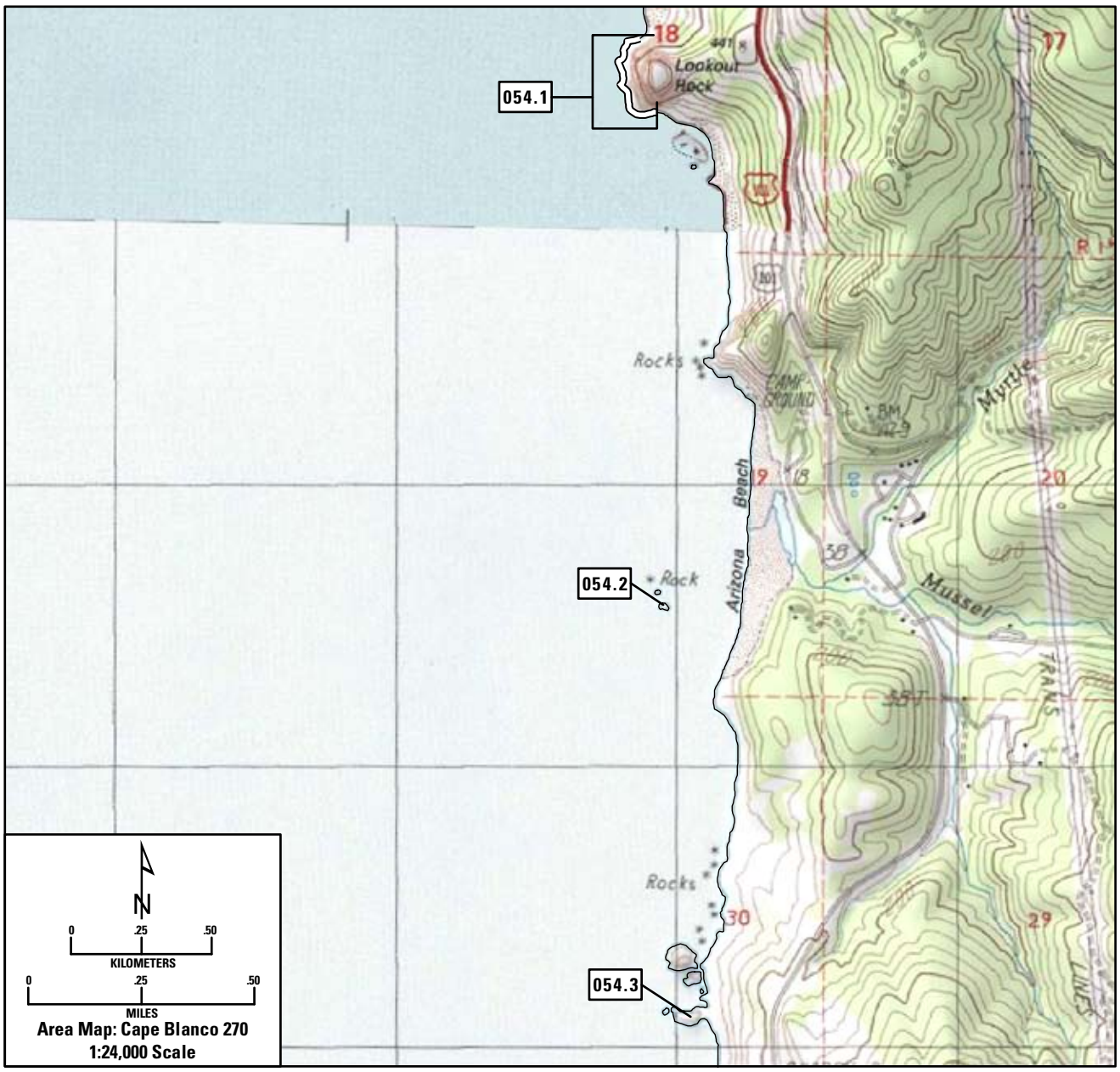
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2

Map on page 313

Area Map: 270 (Cape Blanco) **Colony Number: 270-054.3** **"Unnamed Colony"**
Site Number: 054.3 **Curry County** **42° 35' 59" N, 124° 24' 8" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2

Map on page 313


054.1
054.2
054.3
Lookout Rock
Rocks
Rock
Rocks
Arizona Bench
Mussel
Myrtle
CAMP GROUND
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Cape Blanco 270
1:24,000 Scale

Area Map: 270 (Cape Blanco)
Site Number: 055

Colony Number: 270-055
Curry County

Sisters Rocks (North Point)
42° 35' 36" N, 124° 24' 28" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pigeon Guillemot	16		16	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Pitman/Graybill	7/2/1979	B	W	3	1
Unidentified Cormorant	50		50	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	2	1		N	2	Browning/English	3/20/1967	M	W	4	5
Pelagic Cormorant	38	19		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pelagic Cormorant	62	31		N	2	Pitman/Graybill	7/2/1979	B	W	1	1

Map on page 315

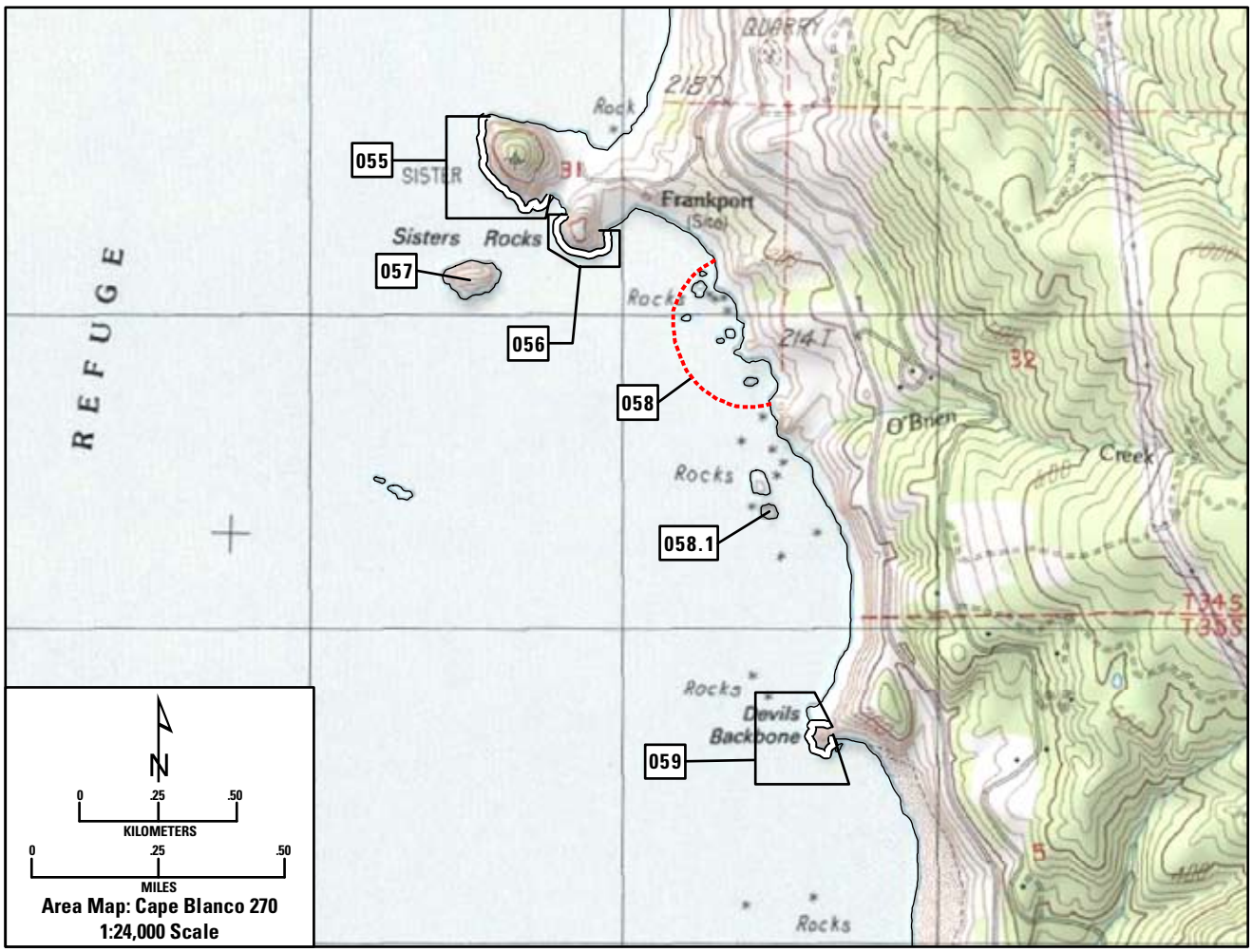
Area Map: 270 (Cape Blanco)
Site Number: 056

Colony Number: 270-056
Curry County

Sisters Rocks (South Point)
42° 35' 29" N, 124° 24' 17" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pigeon Guillemot	20		20	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pelagic Cormorant	14	7		N	2	Pitman/Graybill	7/2/1979	B	W	1	1
Black Oystercatcher	4		4	B	L	Browning/English	3/17/1967	M	W	4	5

Map on page 315



Area Map: Cape Blanco 270
1:24,000 Scale

Area Map: 270 (Cape Blanco)
Site Number: 057

Colony Number: 270-057
Curry County

Sisters Rocks (Island)
42° 35' 26" N, 124° 24' 31" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	80	40		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	52	26		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
West./Glaucous-winged Gull	68	34		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pigeon Guillemot	3		3	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Black Oystercatcher	3		3	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Seabirds	0		0	O	L	Lowe/Thounhurst/Gard	8/31/1989	B	W	1	2
Unidentified Cormorant	20		20	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Unidentified Cormorant	85		85	B	L	USFWS	6/26/1972	A	T	3	4
Double-crested Cormorant	182	91		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Double-crested Cormorant	2	1		N	2	Goff	8/8/1990	M	W	4	2
Double-crested Cormorant	206	103		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Double-crested Cormorant	92	46		N	2	Pitman/Graybill	7/2/1979	B	W	1	1
Pelagic Cormorant	18	9		N	2	Goff	8/8/1990	M	W	1	2
Pelagic Cormorant	118	59		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pelagic Cormorant	108	54		N	2	Pitman/Graybill	7/2/1979	B	W	1	1
West./Glaucous-winged Gull	10	5		N	2	Goff	8/8/1990	M	W	1	2
West./Glaucous-winged Gull	34	17		N	2	Pitman/Graybill	7/2/1979	B	W	2	1
West./Glaucous-winged Gull	70		70	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	60		60	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
Pigeon Guillemot	5		5	B	L	Pitman/Graybill	7/2/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Goff	8/8/1990	M	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Graybill	7/2/1979	B	W	3	1

Map on page 315

Area Map: 270 (Cape Blanco)
Site Number: 058

Colony Number: 270-058
Curry County

"Unnamed Colony"
42° 35' 20" N, 124° 23' 57" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B	W	1	3
Pigeon Guillemot	24		24	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pelagic Cormorant	98	49		N	2	Pitman/Graybill	7/2/1979	B	W	1	1
Pigeon Guillemot	2		2	B	L	Pitman/Graybill	7/2/1979	B	W	3	1
Black Oystercatcher	4		4	B	L	Pitman/Graybill	7/2/1979	B	W	3	1

Map on page 315

Area Map: 270 (Cape Blanco)
Site Number: 058.1

Colony Number: 270-058.1
Curry County

"Unnamed Colony"
42° 35' 3" N, 124° 23' 49" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	30	15		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Black Oystercatcher	1		1	B	L	Pitkin/Wells	7/7/2003	B	W	3	3

Map on page 315

Area Map: 270 (Cape Blanco)
Site Number: 059

Colony Number: 270-059
Curry County

Devils Backbone
42° 34' 39" N, 124° 23' 42" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pigeon Guillemot	10		10	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pelagic Cormorant	46	23		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pelagic Cormorant	4	2		N	2	Pitman/Graybill	7/2/1979	B	W	1	1

Map on page 315

Area Map: 270 (Cape Blanco) **Colony Number: 270-060** **"Unnamed Colony"**
Site Number: 060 **Curry County** **42° 29' 52" N, 124° 26' 25" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Seabirds	0		0	O	L	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Black Oystercatcher	1		1	B	L	Pitman/Graybill/Varoujean	5/23/1979	B	W	3	1

Map on page 319

Area Map: 270 (Cape Blanco) **Colony Number: 270-061** **"Unnamed Colony"**
Site Number: 061 **Curry County** **42° 29' 43" N, 124° 25' 26" W**

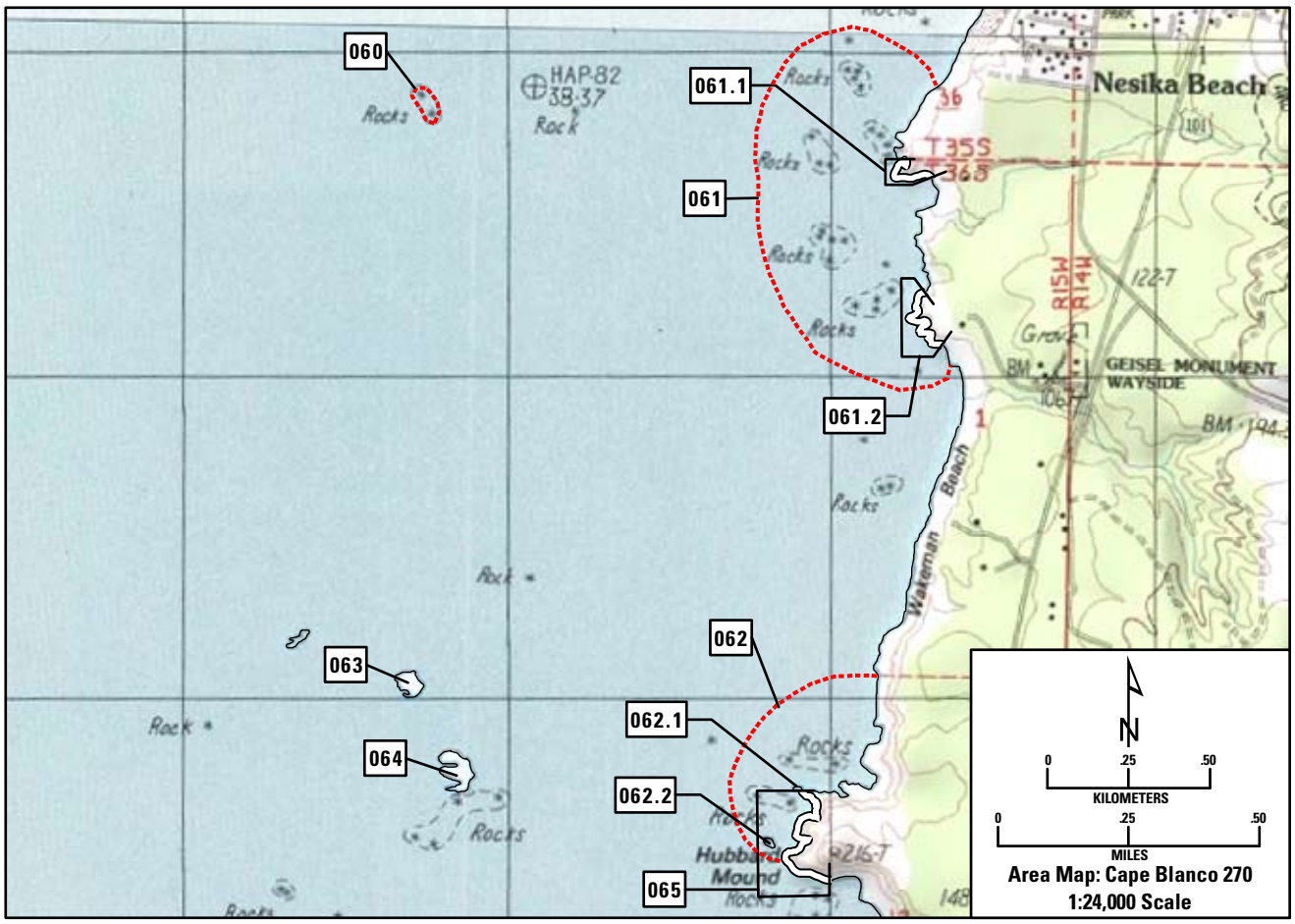
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	28	14		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
West./Glaucous-winged Gull	8	4		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pigeon Guillemot	26		26	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pelagic Cormorant	64	32		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman/Graybill/Varoujean	5/23/1979	B	W	1	1
Pigeon Guillemot	4		4	B	L	Pitman/Graybill/Varoujean	5/23/1979	B	W	3	1

Map on page 319

Area Map: 270 (Cape Blanco) **Colony Number: 270-061.1** **"Unnamed Colony"**
Site Number: 061.1 **Curry County** **42° 29' 45" N, 124° 25' 21" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	46	23		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pelagic Cormorant	4	2		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2

Map on page 319



Area Map: 270 (Cape Blanco)
Site Number: 061.2

Colony Number: 270-061.2
Curry County

"Unnamed Colony"
42° 29' 31" N, 124° 25' 17" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B	W	1	3
Pigeon Guillemot	8		8	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pelagic Cormorant	16	8		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2

Map on page 319

Area Map: 270 (Cape Blanco) **Colony Number: 270-062** **"Unnamed Colony"**
Site Number: 062 **Curry County** **42° 28' 46" N, 124° 25' 32" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B,M	W	1	3
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pelagic Cormorant	36	18		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pelagic Cormorant	36	18		N	2	Pitman/Graybill/Varoujean	5/23/1979	B	W	1	1
Black Oystercatcher	6		6	B	L	Pitman/Graybill/Varoujean	5/23/1979	B	W	3	1

Map on page 319

Area Map: 270 (Cape Blanco) **Colony Number: 270-062.1** **"Unnamed Colony"**
Site Number: 062.1 **Curry County** **42° 28' 44" N, 124° 25' 33" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	7		7	B	L	Lowe/Heimgartner	7/7/1992	M	W	3	2

Map on page 319

Area Map: 270 (Cape Blanco) **Colony Number: 270-062.2** **"Unnamed Colony"**
Site Number: 062.2 **Curry County** **42° 28' 38" N, 124° 25' 37" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	8	4		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
Black Oystercatcher	1		1	B	L	Pitkin/Wells	7/7/2003	B,M	W	3	3
Pelagic Cormorant	58	29		N	2	Lowe/Heimgartner	7/7/1992	M	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Heimgartner	7/7/1992	M	W	3	2

Map on page 319

Area Map: 270 (Cape Blanco)
Site Number: 063

Colony Number: 270-063
Curry County

"Hubbard Mound Rock"
42° 28' 53" N, 124° 26' 26" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	256	128		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Common Murre	21,862		13,091	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Brandt's Cormorant	162	81		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	424	212		N	2	Varoujean	7/11/1979	AP	W	2	1
Common Murre	20,374		12,200	B	1.67	Varoujean	7/11/1979	AP	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Graybill/Varoujean	5/23/1979	B	W	3	1

Map on page 319

"*Hubbard Mound Rock*" *(270-063) June 5, 1996* *David S. Pitkin*

Area Map: 270 (Cape Blanco) **Colony Number: 270-064** **"Dog Rock"**
Site Number: 064 **Curry County** **42° 28' 45" N, 124° 26' 20" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	16	8		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Common Murre	0		0	B	L	Pitkin/Ledig	6/11/2004	AP	W	1	3
Brandt's Cormorant	8	4		N	2	Lowe/Pitkin	6/9/1999	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1998	AP	W	1	2
Brandt's Cormorant	12	6		N	2	Lowe/Pitkin	6/10/1997	AP	W	1	2
Brandt's Cormorant	46	23		N	2	Lowe/Pitkin	6/5/1996	AP	W	1	2
Brandt's Cormorant	54	27		N	2	Lowe/Pitkin	6/8/1995	AP	W	1	2
Brandt's Cormorant	76	38		N	2	Lowe/Pitkin	6/8/1994	AP	W	1	2
Brandt's Cormorant	64	32		N	2	Lowe/Pitkin	6/8/1993	AP	W	1	2
Brandt's Cormorant	132	66		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Brandt's Cormorant	116	58		N	2	Lowe/Naughton	6/4/1991	AP	W	1	2
Brandt's Cormorant	30	15		N	2	Lowe/Naughton	6/11/1990	AP	W	1	2
Brandt's Cormorant	80	40		N	2	Lowe/Naughton	6/7/1989	AP	W	1	2
Brandt's Cormorant	30	15		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	2	2
Brandt's Cormorant	202	101		N	2	Varoujean	7/11/1979	AP	W	2	1
Common Murre	0		0	B	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Common Murre	0		0	B	L	Pitkin/Lowe	6/6/2002	AP	W	1	3
Common Murre	0		0	B	L	Pitkin/Lowe	6/7/2001	AP	W	1	3
Common Murre	0		0	B	L	Pitkin/Lowe	6/15/2000	AP	W	1	3
Common Murre	1,179		706	B	L	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	294		176	B	1.67	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	1,598		957	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	2,012		1,205	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2
Common Murre	2,892		1,732	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	3,347		2,004	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	2,887		1,729	B	1.67	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	2637		1,579	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	3,990		2,389	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2
Common Murre	3,485		2,087	B	1.67	Lowe/Naughton	6/11/1990	AP	W	2	2
Common Murre	3,686		2,207	B	1.67	Lowe/Naughton	6/7/1989	AP	W	2	2
Common Murre	3,383		2,026	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	3,006		1,800	B	1.67	Varoujean	7/11/1979	AP	W	3	1

Map on page 319

Area Map: 270 (Cape Blanco) **Colony Number: 270-065** **Hubbard Mound**
Site Number: 065 **Curry County** **42° 28' 38" N, 124° 25' 32" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	28	14		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Pigeon Guillemot	3		3	B	L	Lowe/Heimgartner	7/7/1992	C	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Heimgartner	7/7/1992	C	W	1	2
Pelagic Cormorant	108	54		N	2	Lowe/Heimgartner	7/7/1992	C	W	1	2
Pelagic Cormorant	188	94		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pelagic Cormorant	46	23		N	2	Pitman/Graybill/Varoujean	5/23/1979	B	W	1	1
Pigeon Guillemot	27		27	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pigeon Guillemot	3		3	B	L	Pitman/Graybill/Varoujean	5/23/1979	B	W	3	1
Black Oystercatcher	3		3	B	L	Matthews	7/1/1988	M	W	3	2

Map on page 319

Area Map: 270 (Cape Blanco) **Colony Number: 270-066** **"Unnamed Colony"**
Site Number: 066 **Curry County** **42° 28' 24" N, 124° 25' 28" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	10	5		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
Seabirds	0		0	O	L	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pelagic Cormorant	18	9		N	2	Pitman/Graybill/Varoujean	5/23/1979	B	W	1	1
Pigeon Guillemot	2		2	B	L	Pitman/Graybill/Varoujean	5/23/1979	B	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-066.1** **"Unnamed Colony"**
Site Number: 066.1 **Curry County** **42° 28' 3" N, 124° 25' 29" W**

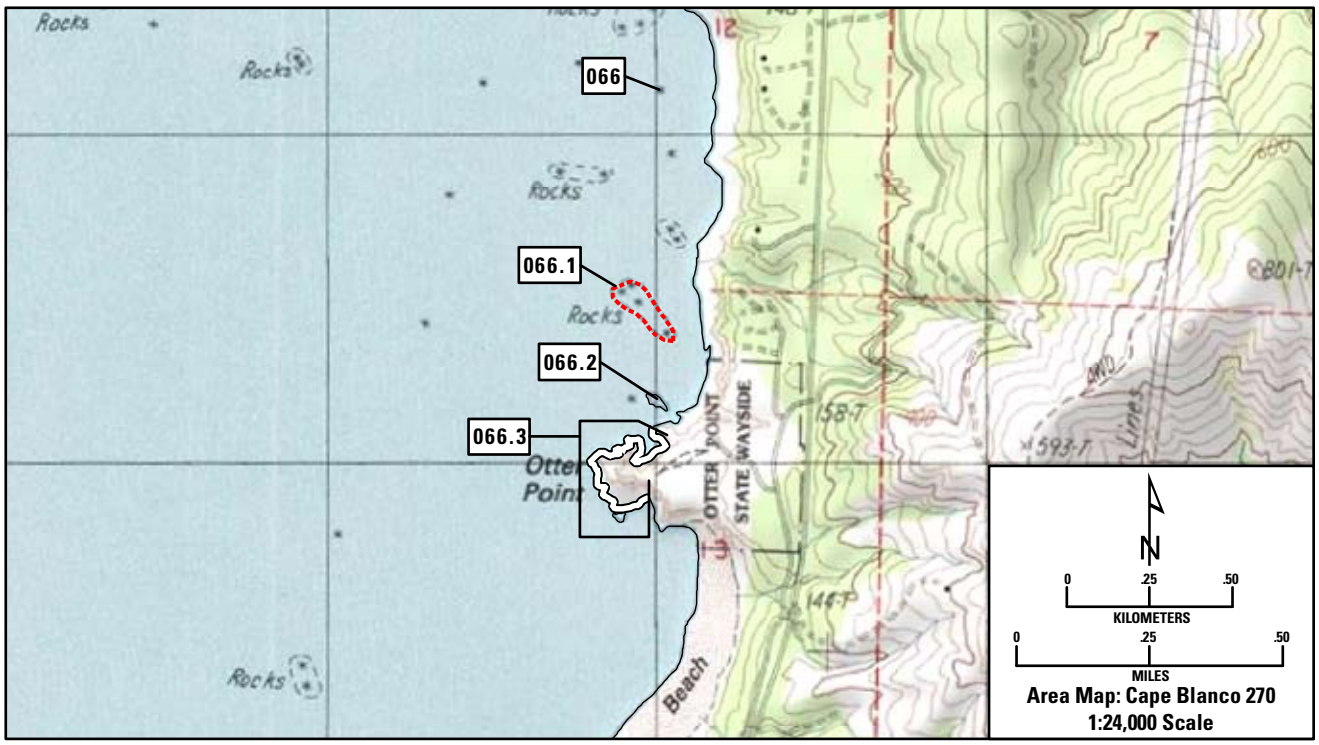
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Heimgartner	7/7/1992	M	W	1	2
Pigeon Guillemot	1		1	B	L	Lowe/Heimgartner	7/7/1992	M	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Heimgartner	7/7/1992	M	W	2	2
Pelagic Cormorant	10	5		N	2	Lowe/Heimgartner	7/7/1992	M	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Black Oystercatcher	3		3	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2

Map on page 325

Area Map: 270 (Cape Blanco) **Colony Number: 270-066.2** **"Unnamed Colony"**
Site Number: 066.2 **Curry County** **42° 27' 54" N, 124° 25' 28" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	30	15		N	2	Pitkin/Wells	7/7/2003	B,M	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pigeon Guillemot	12		12	B	L	Lowe/Heimgartner	7/7/1992	M	W	3	2
Pelagic Cormorant	4	2		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pigeon Guillemot	11		11	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2

Map on page 325



Area Map: 270 (Cape Blanco)
Site Number: 066.3

Colony Number: 270-066.3
Curry County

Otter Point
42° 27' 49" N, 124° 25' 33" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Matthews	7/1/1988	M	W	1	2
Pigeon Guillemot	31		31	B	L	Lowe/Heimgartner	7/7/1992	C	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Heimgartner	7/7/1992	C	W	3	2
Pelagic Cormorant	2	1		N	2	Matthews	7/1/1988	M	W	1	2
Pigeon Guillemot	34		34	B	L	Matthews	7/1/1988	M	W	3	2

Map on page 325

Area Map: 270 (Cape Blanco) **Colony Number: 270-060C** **"Hubbard Mound Reef Complex"**
Site Number: 060-066 **Curry County** **42° 29' 15" N, 124° 25' 54" W**

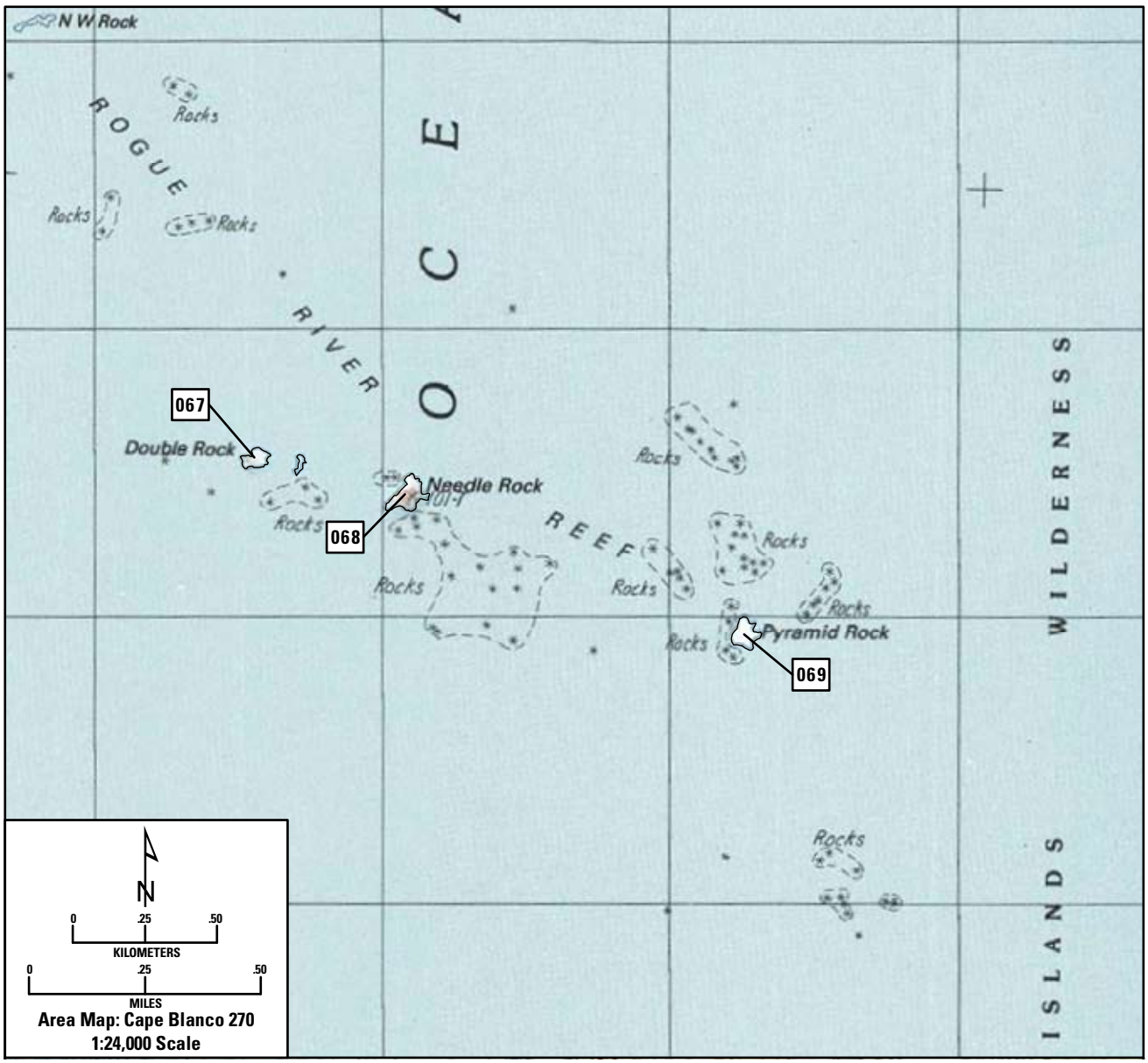
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	413		413	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Unidentified Cormorant	550		550	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	800		800	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	100		100	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	150		150	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	300		300	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	400		400	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Unidentified Cormorant	1,000		1,000	B	L	Marshall/Glahn	5/14/1963	A	T	4	4
West./Glaucous-winged Gull	60		60	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
Common Murre	1,500		1,500	B	L	USFWS	6/6/1977	A	Y	3	4
Common Murre	3,500		3,500	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	7,500		7,500	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	2,900		2,900	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	5,200		5,200	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	6,000		6,000	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	7,000		7,000	B	L	Zeillemaker/Glahn	6/21/1971	A	Y	3	4
Common Murre	2,600		2,600	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	2,300		2,300	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	3,300		3,300	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	3,000		3,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	2,500		2,500	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Common Murre	100		100	B	L	Marshall/Glahn	5/14/1963	A	T	4	4

Roy Lowe photographing seabird colonies from the helicopter *David S. Pitkin*

Area Map: 270 (Cape Blanco) **Colony Number: 270-067** **Double Rock**
Site Number: 067 **Curry County** **42° 26' 58" N, 124° 29' 25" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	68	34		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Common Murre	867		519	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	11		11	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Tufted Puffin	2			B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Pelagic Cormorant	10	5		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman/Graybill/Varoujean	5/23/1979	B	W	1	1
Brandt's Cormorant	28	14		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Brandt's Cormorant	30	15		N	2	Pitman/Graybill/Varoujean	5/23/1979	B	W	2	1
Common Murre	935		560	B	1.67	Varoujean	7/11/1979	AP	W	2	1
Pigeon Guillemot	6		6	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pigeon Guillemot	11		11	B	L	Pitman/Graybill/Varoujean	5/23/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Graybill/Varoujean	5/23/1979	B	W	3	1

Map on page 329



Area Map: Cape Blanco 270
1:24,000 Scale

Area Map: 270 (Cape Blanco) **Colony Number: 270-068** **Needle Rock**
Site Number: 068 **Curry County** **42° 26' 54" N, 124° 29' 2" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	32	16		N	2	Pitkin/Wells	7/7/2003	B	W	1	3
Brandt's Cormorant	208	104		N	2	Pitkin/Ledig	6/11/2004	AP	W	1	3
West./Glaucous-winged Gull	46	23		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	4,486		2,686	B	1.67	Pitkin/Ledig	6/11/2004	AP	W	2	3
Pigeon Guillemot	19		19	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Tufted Puffin	2		2	B	L	Lowe/Pitkin	6/24/1994	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pelagic Cormorant	106	53		N	2	Lowe/Pitkin	6/24/1994	B	W	1	2
Pelagic Cormorant	104	52		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Pelagic Cormorant	90	45		N	2	Pitman/Graybill/Varoujean	5/23/1979	B	W	1	1
Brandt's Cormorant	94	47		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Brandt's Cormorant	178	89		N	2	Pitkin/Papish	6/6/2002	AP	W	1	3
Brandt's Cormorant	18	9		N	2	Pitkin/Lowe	6/7/2001	AP	W	1	3
Brandt's Cormorant	58	29		N	2	Pitkin/Lowe	6/15/2000	AP	W	1	3
Brandt's Cormorant	38	19		N	2	Lowe/Pitkin	6/9/1999	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1998	AP	W	1	2
Brandt's Cormorant	162	81		N	2	Lowe/Pitkin	6/10/1997	AP	W	1	2
Brandt's Cormorant	174	87		N	2	Lowe/Pitkin	6/5/1996	AP	W	1	2
Brandt's Cormorant	246	123		N	2	Lowe/Pitkin	6/8/1995	AP	W	1	2
Brandt's Cormorant	428	214		N	2	Lowe/Pitkin	6/8/1994	AP	W	1	2
Brandt's Cormorant	172	86		N	2	Lowe/Pitkin	6/8/1993	AP	W	1	2
Brandt's Cormorant	164	82		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Brandt's Cormorant	118	59		N	2	Lowe/Naughton	6/4/1991	AP	W	1	2
Brandt's Cormorant	158	79		N	2	Lowe/Naughton	6/7/1989	AP	W	1	2
Brandt's Cormorant	458	229		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	192	96		N	2	Varoujean	7/11/1979	AP	W	2	1
West./Glaucous-winged Gull	58	29		N	2	Pitman/Graybill/Varoujean	5/23/1979	B	W	1	1
Common Murre	1,877		1,124	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Common Murre	2,677		1,603	B	1.67	Pitkin/Lowe	6/6/2002	AP	W	2	3
Common Murre	2,794		1,673	B	1.67	Pitkin/Lowe	6/7/2001	AP	W	2	3
Common Murre	2,468		1,478	B	1.67	Pitkin/Lowe	6/15/2000	AP	W	2	3
Common Murre	2,685		1,608	B	1.67	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	813		487	B	1.67	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	2,710		1,623	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	3,218		1,927	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2
Common Murre	3,901		2,336	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	3,570		2,138	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	2,007		1,202	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2

Colony 270-068 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	3,509		2,101	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2
Common Murre	3,457		2,070	B	1.67	Lowe/Naughton	6/7/1989	AP	W	2	2
Common Murre	3,146		1,884	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	2,756		1,650	B	1.67	Varoujean	7/11/1979	AP	W	3	1
Pigeon Guillemot	16		16	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pigeon Guillemot	39		39	B	L	Pitman/Graybill/Varoujean	5/23/1979	B	W	3	1
Tufted Puffin	2	1	1	N	2	Lowe/Thounhurst/Nelson	7/26/1989	B	W	1	2
Tufted Puffin	6		6	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Pitman/Graybill/Varoujean	5/23/1979	B	W	3	1

Map on page 329

Area Map: 270 (Cape Blanco) **Colony Number: 270-069** **Pyramid Rock**
Site Number: 069 **Curry County** **42° 26' 39" N, 124° 28' 10" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/14/2004	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/16/1988	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	7/7/2003	B	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe	5/10/1990	AP	W	1	2
Brandt's Cormorant	90	45		N	2	Lowe	5/10/1990	AP	W	1	2
Brandt's Cormorant	32	16		N	2	Lowe/Anderson/Matthews	6/16/1988	B	W	1	2
Brandt's Cormorant	50	25		N	2	Pitman/Graybill/Varoujean	5/23/1979	B	W	2	1
Black Oystercatcher	3		3	B	L	Pitman/Graybill/Varoujean	5/23/1979	B	W	3	1

Map on page 329

Pyramid Rock at Rogue River Reef (270-069) June 9, 1998 *David S. Pitkin*

Area Map: 270 (Cape Blanco) **Colony Number: 270-067C** **"Rogue River Reef Complex"**
Site Number: 067-069 **Curry County** **42° 26' 48" N, 124° 28' 44" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	183		183	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	145		145	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	150		150	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	200		200	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Unidentified Cormorant	150		150	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	150		150	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	125		125	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
West./Glaucous-winged Gull	155		155	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Zeillemaker/Glahn	6/21/1971	A	W	1	4
West./Glaucous-winged Gull	50		50	B	L	Glahn	6/18/1970	A	T	3	4
Common Murre	950		950	B	L	USFWS	6/6/1977	A	T	3	4
Common Murre	1,200		1,200	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	700		700	B	L	USFWS	6/28/1975	A	T	3	4
Common Murre	525		525	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	3,000		3,000	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	1,500		1,500	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	800		800	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
Common Murre	2,000		2,000	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	500		500	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Common Murre	300		300	B	L	Marshall/Glahn	7/10/1964	A	T	3	4

Area Map: 270 (Cape Blanco) **Colony Number: 270-069.1** **"Unnamed Colony"**
Site Number: 069.1 **Curry County** **42° 20' 21" N, 124° 25' 44" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe/Thounhurst/Nelson	7/26/1989	B	W	1	2
Pelagic Cormorant	64	32		N	2	Lowe/Matthews	7/19/1988	B	W	1	2

Map on page 335

Area Map: 270 (Cape Blanco) **Colony Number: 270-069.2** **"Unnamed Colony"**
Site Number: 069.2 **Curry County** **42° 19' 59" N, 124° 25' 44" W**

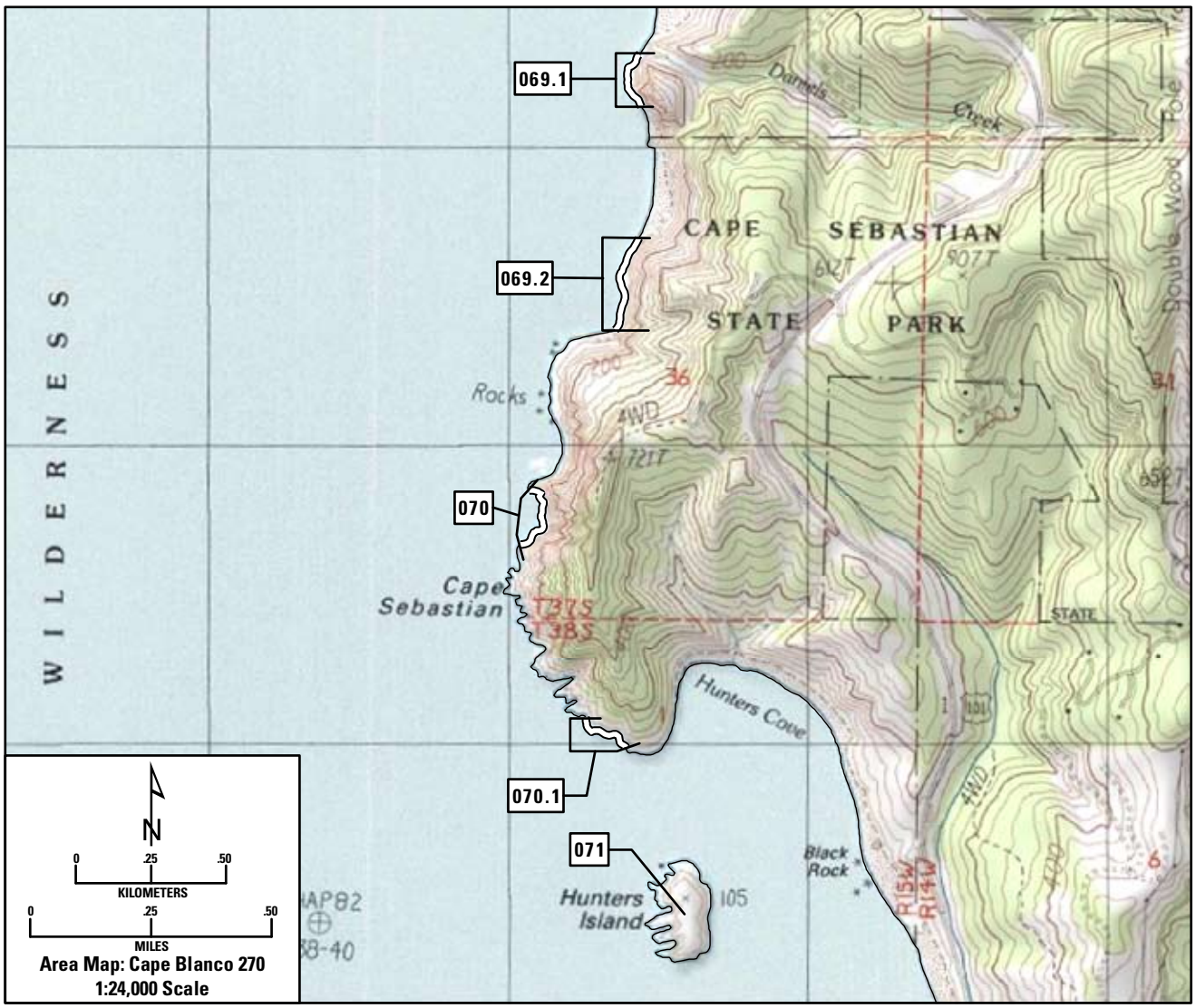
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	112	56		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Matthews	7/19/1988	B	W	1	2
Pigeon Guillemot	14		14	B	L	Lowe/Matthews	7/19/1988	B	W	3	2
Seabirds	0		0	O	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	1	2
Pelagic Cormorant	50	25		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	52	26		N	2	Lowe/Matthews	7/19/1988	B	W	1	2

Map on page 335

Area Map: 270 (Cape Blanco) **Colony Number: 270-070** **"Cape Sebastian North"**
Site Number: 070 **Curry County** **42° 19' 33" N, 124° 25' 55" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	36	18		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pigeon Guillemot	11		11	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Unidentified Cormorant	100		100	B	L	USFWS	6/29/1979	AP	T	3	4
Pelagic Cormorant	114	57		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	60	30		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	18		18	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2

Map on page 335



Area Map: 270 (Cape Blanco)
Site Number: 070.1

Colony Number: 270-070.1
Curry County

"Cape Sebastian South"
42° 19' 10" N, 124° 25' 45" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2

Map on page 335

Area Map: 270 (Cape Blanco) **Colony Number: 270-071** **Hunters Island**
Site Number: 071 **Curry County** **42° 18' 50" N, 124° 25' 33" W**

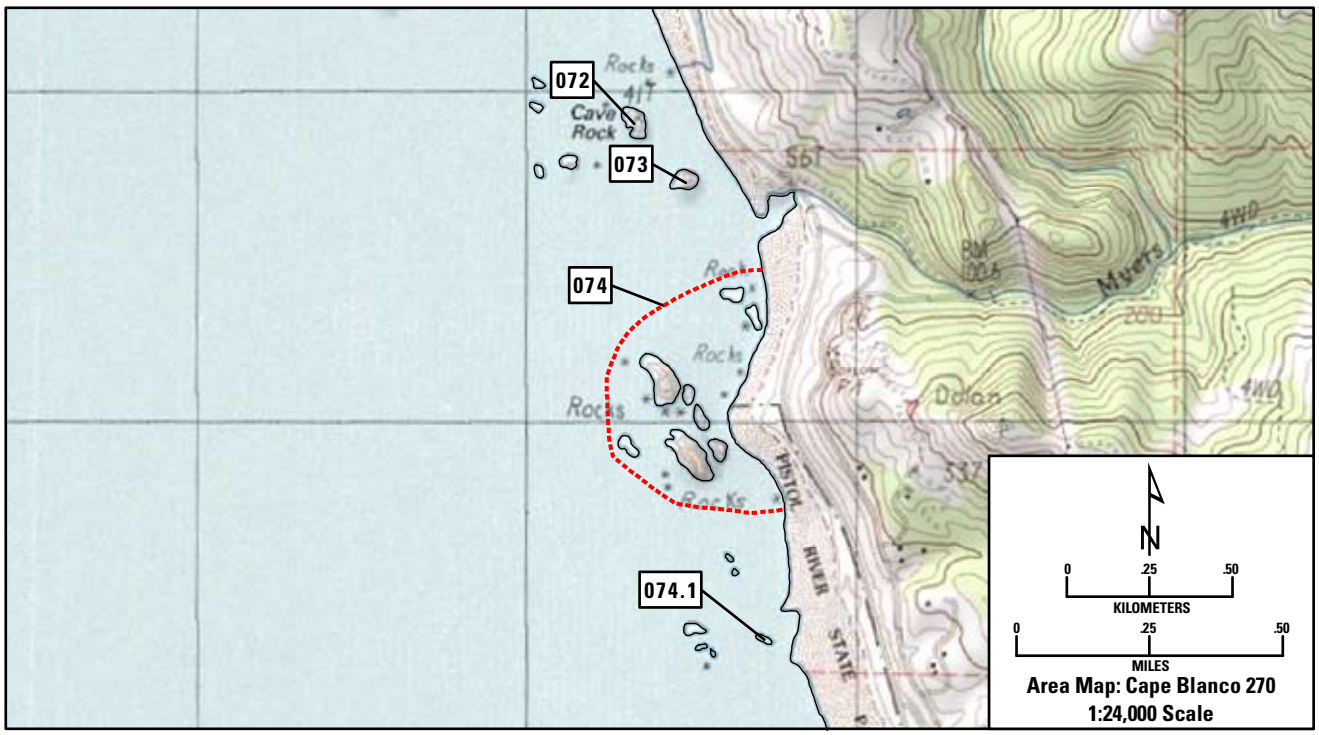
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	39,480	19,740		N	S	Lowe/Matthews	7/19/1988	C	S	3	2
Fork-tailed Storm-Petrel	X			U	L	Lowe/Matthews	7/19/1988	C	X	4	2
Double-crested Cormorant	394	197		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	160	80		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Brandt's Cormorant	8	4		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	880	440		N	2	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	160		160	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Cassin's Auklet	30		30	B	L	Lowe/Matthews	7/19/1988	C	Y	3	2
Rhinoceros Auklet	160	80		N	2	Lowe/Matthews	7/19/1988	C	Y	3	2
Tufted Puffin	100			B	L	Lowe/Anderson/Matthews	6/15/1988	B	Y	3	2
Horned Puffin	1			B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	1	2
Black Oystercatcher	3		3	B	L	Lowe/Thounhurst/Gard	8/30/1989	B	W	3	2
Leach's Storm-Petrel	45,000			N	S	Pitman/Varoujean	5/31/1979	C	S	3	1
Leach's Storm-Petrel	224,088			N	S	Browning/English	3/18/1967	C	S	4	5
Fork-tailed Storm-Petrel	X			U	L	Pitman/Varoujean	5/31/1979	C	X	4	1
Fork-tailed Storm-Petrel	X			O	L	Browning/English	3/18/1967	C	X	4	5
Unidentified Cormorant	15		15	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	75		75	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	180		180	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	50		50	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	50		50	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	75		75	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	50		50	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	25		25	B	L	Marshall/Glahn	5/14/1963	A	T	4	4
Double-crested Cormorant	X			O	L	Lowe	4/11/1994	A	X	4	2
Double-crested Cormorant	X			O	L	Lowe/Pitkin/Davis	5/25/1993	C	X	4	2
Double-crested Cormorant	572	286		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Double-crested Cormorant	X			O	L	Lowe/Thounhurst/Nelson	7/26/1989	B	X	4	2
Double-crested Cormorant	466	233		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Double-crested Cormorant	230	115		N	2	Varoujean	6/22/1979	AP	W	2	1
Pelagic Cormorant	66	33		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	16	8		N	2	Lowe/Thounhurst/Nelson	7/26/1989	B	W	1	2
Pelagic Cormorant	390	195		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	244	122		N	2	Pitman/Varoujean	5/31/1979	C	W	1	1
Brandt's Cormorant	24	12		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Brandt's Cormorant	2	1		N	2	Lowe/Thounhurst/Nelson	7/26/1989	B	W	1	2
Brandt's Cormorant	X			U	L	Clifford et al.	6/21/1967	M	X	4	21
Brandt's Cormorant	30	15		N	2	Browning/English	3/18/1967	C	W	4	5
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin/Davis	5/25/1993	C	X	4	2

Colony 270-071 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	1,090	545		N	2	Pitman/Varoujean	5/31/1979	C	W	2	1
West./Glaucous-winged Gull	75		75	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	800		800	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	250		250	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	1,250		1,250	B	L	Zeillemaker/Glahn	6/21/1971	A	T	3	4
West./Glaucous-winged Gull	275		275	B	L	Glahn	6/18/1970	A	T	3	4
West./Glaucous-winged Gull	800		800	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
West./Glaucous-winged Gull	200		200	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
West./Glaucous-winged Gull	200		200	B	L	Browning/English	3/18/1967	C	Y	4	5
West./Glaucous-winged Gull	300		300	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	200		200	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
West./Glaucous-winged Gull	800		800	B	L	Marshall/Glahn	5/14/1963	A	T	4	4
Pigeon Guillemot	104		104	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pigeon Guillemot	150		150	B	L	Pitman/Varoujean	5/31/1979	C	W	3	1
Cassin's Auklet	P			O	L	Pitman/Graybill	7/12/1979	C	P	4	1
Cassin's Auklet	34	17		N	2	Browning/English	3/18/1967	C	W	3	5
Rhinoceros Auklet	100			N	L	Pitman/Graybill	7/12/1979	C	Y	3	1
Tufted Puffin	X			O	L	Lowe/Thounhurst/Nelson	7/26/1989	B	X	4	2
Tufted Puffin	150	75		N	2	Pitman/Graybill	7/12/1979	C	Y	3	1
Tufted Puffin	26	13		N	2	Browning/English	3/18/1967	C	W	3	5
Tufted Puffin	X			O	L	Marshall/Glahn	7/10/1964	A	X	4	4
Horned Puffin	1		1	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Horned Puffin	1		1	B	L	Lowe/Anderson	8/20/1987	C	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	6		6	B	L	Pitman/Varoujean	5/31/1979	C	W	3	1

Map on page 335

Hunters Island (270-071) *David S. Pitkin*



Area Map: 270 (Cape Blanco)
Site Number: 072

Colony Number: 270-072
Curry County

Cave Rock
42° 18' 34" N, 124° 25' 0" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B,M	W	1	3
West./Glaucous-winged Gull	58	29		N	2	Matthews	6/24/1988	C	W	1	2
Pigeon Guillemot	2		2	B	L	Matthews	6/24/1988	C	W	3	2
Black Oystercatcher	2	1	2	N	2	Matthews	6/24/1988	C	W	1	2
Pelagic Cormorant	2		2	B	L	Goff	5/29/1990	M	W	3	2
West./Glaucous-winged Gull	20		20	B	L	Goff	5/29/1990	M	W	3	2
West./Glaucous-winged Gull	100	50		N	2	Pitman	5/31/1979	C	W	2	1
Pigeon Guillemot	5		5	B	L	Pitman	5/31/1979	C	W	3	1
Black Oystercatcher	4		4	B	L	Pitman	5/31/1979	C	W	3	1

Map on page 339

Area Map: 270 (Cape Blanco) **Colony Number: 270-073** **"Unnamed Colony"**
Site Number: 073 **Curry County** **42° 18' 28" N, 124° 24' 54" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	400	200		N	S	Matthews	6/24/1988	C	S	3	2
West./Glaucous-winged Gull	2	1		N	2	Matthews	6/24/1988	C	W	1	2
Black Oystercatcher	2		2	B	L	Matthews	6/24/1988	C	W	3	2
West./Glaucous-winged Gull	1		1	B	L	Goff	5/29/1990	M	W	3	2
West./Glaucous-winged Gull	6	3		N	2	Pitman/Varoujean	5/31/1979	B	W	1	1

Map on page 339

Area Map: 270 (Cape Blanco) **Colony Number: 270-074** **"Myers Creek Rocks"**
Site Number: 074 **Curry County** **42° 18' 7" N, 124° 24' 51" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	120	60		N	2	Matthews	7/1/1988	C	Y	3	2
Pelagic Cormorant	2	1		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	32	16		N	2	Goff	5/29/1990	M	W	1	2
Pigeon Guillemot	3		3	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	3		3	B	L	Goff	5/29/1990	M	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B,M	W	1	3
Pelagic Cormorant	10	5		N	2	Lowe/Pitkin	6/28/1993	M	W	1	2
Pelagic Cormorant	4	2		N	2	Matthews	6/24/1988	M	W	1	2
Pelagic Cormorant	6	3		N	2	Pitman/Varoujean	5/31/1979	B	W	1	1
West./Glaucous-winged Gull	20	10		N	2	Lowe/Pitkin	6/28/1993	M	W	3	2
West./Glaucous-winged Gull	90	45		N	2	Lowe/Anderson/Matthews	6/24/1988	B	W	2	2
West./Glaucous-winged Gull	16	8		N	2	Pitman/Varoujean	5/31/1979	B	W	2	1
Pigeon Guillemot	21		21	B	L	Lowe/Pitkin	6/28/1993	M	W	3	2
Black Oystercatcher	5		2	B	L	Lowe/Pitkin	6/28/1993	M	W	3	2
Black Oystercatcher	5		5	B	L	Matthews	7/1/1988	C	W	3	2

Map on page 339

Area Map: 270 (Cape Blanco)
Site Number: 074.1

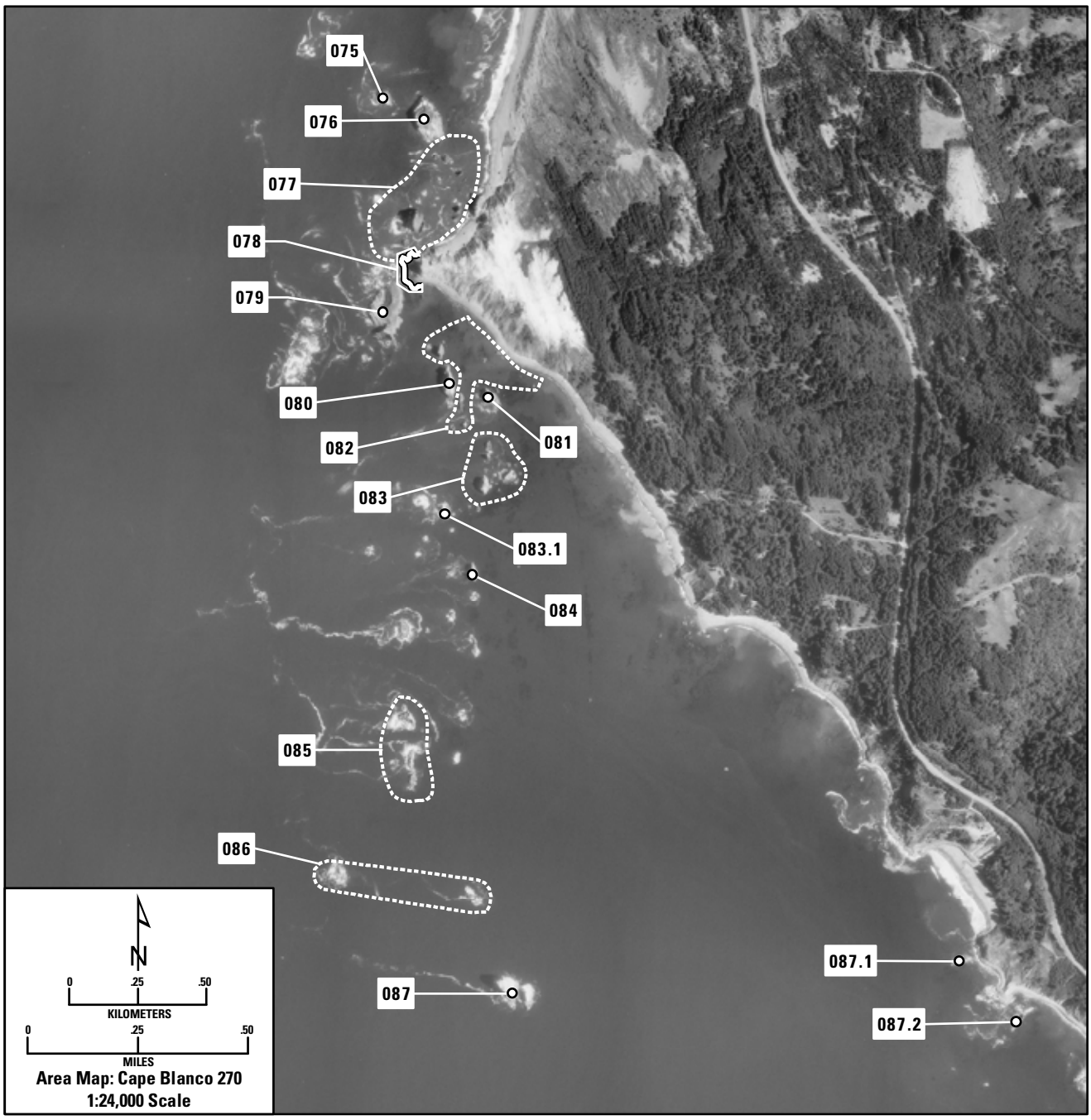
Colony Number: 270-074.1
Curry County

"Unnamed Colony"
42° 17' 43" N, 124° 24' 42" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	6/28/1993	M	W	1	2

Map on page 339

"Myers Creek Rocks" (270-074; foreground), Cave Rock (270-072), and Hunters Island (270-071; background)
June 15, 2000
Roy W. Lowe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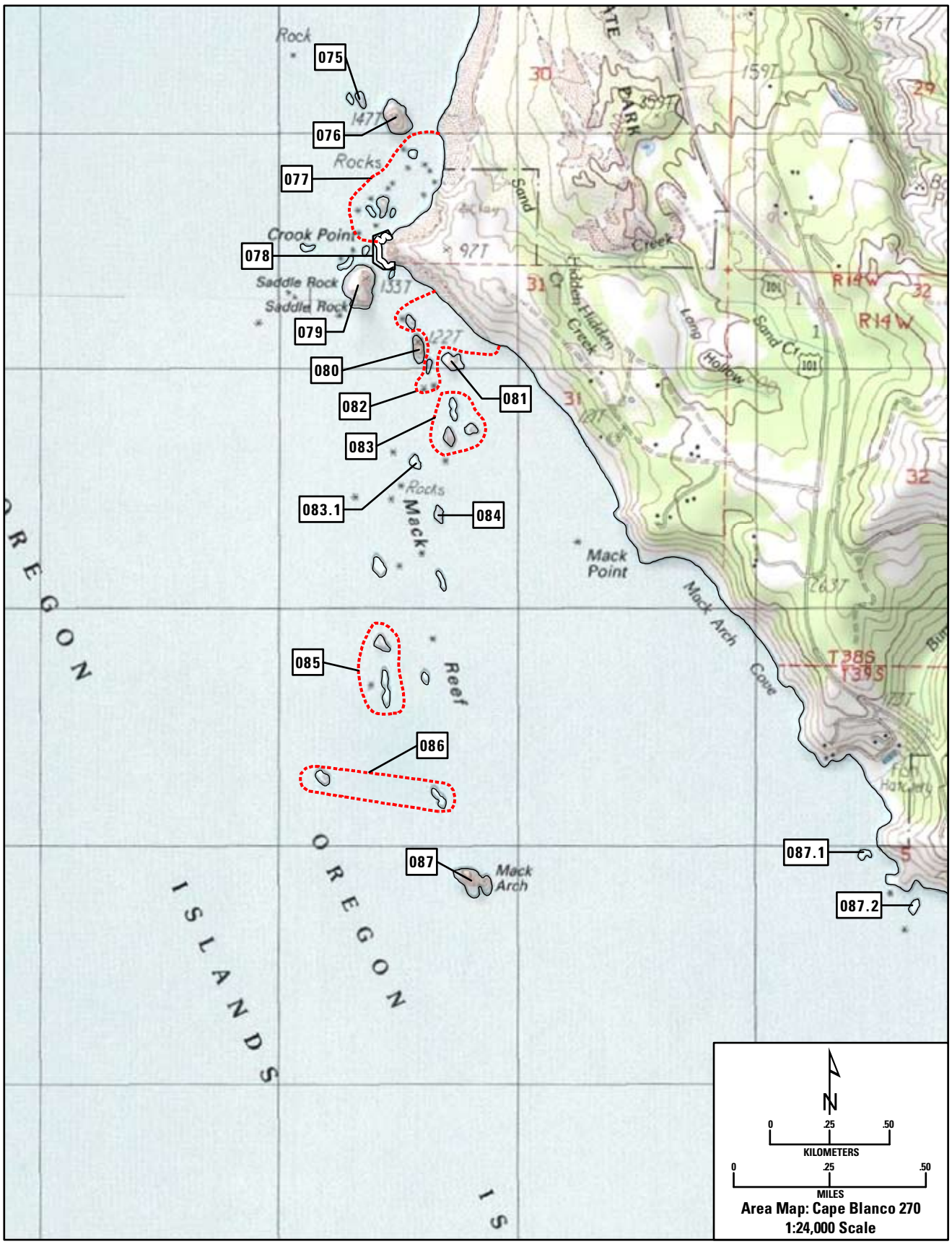
Area Map: Cape Blanco 270
1:24,000 Scale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Mack Arch
Mack Arch Cove
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Long Hollow
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Area Map: Cape Blanco 270
1:24,000 Scale

Area Map: 270 (Cape Blanco)
Site Number: 075

Colony Number: 270-075
Curry County

"Unnamed Colony"
42° 15' 27" N, 124° 24' 56" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	2	1		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	60	30		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Brandt's Cormorant	14	7		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Double-crested Cormorant	32	16		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Double-crested Cormorant	18	9		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pelagic Cormorant	18	9		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	64	32		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Brandt's Cormorant	2	1		N	2	Lowe/Thounhurst/Nelson	7/26/1989	B	W	1	2
West./Glaucous-winged Gull	40	20		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1

Map on page 343

Crook Point colonies (270-075 to 270-079) including Saddle Rock (270-079; front left) June 10, 1997 *David S. Pitkin*

Area Map: 270 (Cape Blanco) **Colony Number: 270-076** **"North Crook Point Rock"**
Site Number: 076 **Curry County** **42° 15' 24" N, 124° 24' 49" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	99,090	49,545		N	S	Lowe/Anderson/Matthews	6/15/1988	B	S	3	2
Fork-tailed Storm-Petrel	P			O	L	Lowe/Anderson/Matthews	6/15/1988	B	P	4	2
Double-crested Cormorant	16	8		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	180	90		N	2	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	4		4	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Cassin's Auklet	52	26		N	2	Browning/English	3/21/1967	C	W	3	5
Rhinoceros Auklet	X			O	L	Lowe/Thounhurst/Gard	8/30/1989	B	X	4	2
Tufted Puffin	16		16	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Leach's Storm-Petrel	72,500			U	L	Pitman/Graybill	7/4/1979	C	Y	3	1
Leach's Storm-Petrel	101,500			N	S	Browning/English	3/21/1967	C	S	4	5
Unidentified Cormorant	2	1		N	2	Browning/English	3/21/1967	C	W	4	5
Double-crested Cormorant	28	14		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Double-crested Cormorant	24	12		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Double-crested Cormorant	42	21		N	2	Pitman/Varoujean	6/29/1979	B	W	2	1
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	8	4		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	2	1		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
West./Glaucous-winged Gull	120	60		N	2	Pitman/Varoujean	6/29/1979	B	W	2	1
West./Glaucous-winged Gull	X			B	L	Browning/English	3/21/1967	C	X	4	5
Pigeon Guillemot	25		25	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pigeon Guillemot	45		45	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Cassin's Auklet	P			O	L	Pitman/Varoujean	7/4/1979	C	P	4	1
Tufted Puffin	40			B	L	Lowe/Anderson/Matthews	6/15/1988	B	Y	3	2
Tufted Puffin	50	25		N	2	Pitman/Graybill	7/4/1979	C	Y	3	1
Tufted Puffin	14	7		N	2	Browning/English	3/21/1967	C	W	3	5
Black Oystercatcher	1		1	B	L	Pitman/Graybill	7/4/1979	C	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-077** **"Unnamed Colony"**
Site Number: 077 **Curry County** **42° 15' 15" N, 124° 24' 48" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	46		46	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Pigeon Guillemot	6		6	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pigeon Guillemot	4		4	B	L	Pitman/Graybill	7/14/1979	M	W	3	1
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Graybill	7/14/1979	M	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-078** **Crook Point**
Site Number: 078 **Curry County** **42° 15' 7" N, 124° 24' 52" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	13		13	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Pigeon Guillemot	8		8	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pigeon Guillemot	8		8	B	L	Pitman/Graybill	7/14/1979	M	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-079** **Saddle Rock**
Site Number: 079 **Curry County** **42° 15' 1" N, 124° 24' 55" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	87,520	43,760		N	S	Lowe/Anderson/Matthews	8/1/1988	C	S	3	2
Fork-tailed Storm-Petrel	X			U	L	Lowe/Anderson/Matthews	8/1/1988	C	X	4	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
West./Glaucous-winged Gull	204	102		N	2	Anderson	6/15/1988	M	W	1	2
Pigeon Guillemot	5		5	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Tufted Puffin	11		11	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Leach's Storm-Petrel	53,000			N	S	Pitman/Graybill/Matthews	7/23/1979	C	S	3	1
Leach's Storm-Petrel	47,900			N	S	Browning/English	4/15/1967	C	S	3	5
Fork-tailed Storm-Petrel	X			U	L	Pitman/Graybill	7/14/1979	C	X	4	1
Pelagic Cormorant	36	18		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	22	11		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
West./Glaucous-winged Gull	130	65		N	2	Pitman/Graybill	7/14/1979	C	W	3	1
West./Glaucous-winged Gull	100		100	B	L	Browning/English	4/15/1967	C	Y	4	5
West./Glaucous-winged Gull	100		100	B	L	Browning/English	3/24/1967	M	Y	4	5
Pigeon Guillemot	16		16	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pigeon Guillemot	12		12	B	L	Pitman/Graybill/Matthews	7/23/1979	C	W	3	1
Tufted Puffin	10			B	L	Pitman/Graybill/Matthews	7/23/1979	C	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-075C** **"Crook Point Complex"**
Site Number: 075-079 **Curry County** **42° 15' 14" N, 124° 24' 54" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	35		35	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	85		85	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	300		300	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	125		125	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	600		600	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
West./Glaucous-winged Gull	165		165	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	275		275	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	150		150	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	75		75	B	L	Glahn	6/18/1970	A	T	3	4
West./Glaucous-winged Gull	300		300	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
West./Glaucous-winged Gull	300		300	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
West./Glaucous-winged Gull	25		25	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Tufted Puffin	50		50	B	L	USFWS	6/26/1972	A	T	4	4

Area Map: 270 (Cape Blanco) **Colony Number: 270-080** **"Unnamed Colony"**
Site Number: 080 **Curry County** **42° 14' 53" N, 124° 24' 44" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	28	14		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	18	9		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	48	24		N	2	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	20		20	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Double-crested Cormorant	144	72		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Double-crested Cormorant	84	42		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Double-crested Cormorant	22	11		N	2	Pitman/Varoujean	6/29/1979	B	W	2	1
Pelagic Cormorant	24	12		N	2	Pitkin/Wells	6/29/2003	B,M	W	1	3
Pelagic Cormorant	6	3		N	2	Lowe/Thounhurst/Nelson	7/26/1989	B	W	1	2
Pelagic Cormorant	28	14		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	16	8		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
West./Glaucous-winged Gull	20	10		N	2	Pitman/Varoujean	6/29/1979	B	W	2	1
Pigeon Guillemot	3		3	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2

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Area Map: 270 (Cape Blanco) **Colony Number: 270-081** **"Unnamed Colony"**
Site Number: 081 **Curry County** **42° 14' 51" N, 124° 24' 38" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	40	20		N	2	Lowe	6/15/1988	C	W	3	2
Pigeon Guillemot	19		19	B	L	Lowe	6/15/1988	C	W	3	2
Pigeon Guillemot	15		15	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-082** **"Unnamed Colony"**
Site Number: 082 **Curry County** **42° 14' 55" N, 124° 24' 40" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	14	7		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Pigeon Guillemot	15		15	B	L	Lowe/Matthews	6/15/1988	B	W	3	2
Pelagic Cormorant	6	3		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	70	35		N	2	Lowe/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	68	34		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	12		12	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	4		4	B	L	Pitman/Graybill	7/4/1979	M	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-083** **"Unnamed Colony"**
Site Number: 083 **Curry County** **42° 14' 43" N, 124° 24' 37" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	16	8		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	14	7		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Pigeon Guillemot	21		21	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	6		6	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Double-crested Cormorant	38	19		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Double-crested Cormorant	62	31		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Double-crested Cormorant	106	53		N	2	Pitman/Varoujean	6/29/1979	B	W	2	1
Pelagic Cormorant	16	8		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	42	21		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	46	23		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
West./Glaucous-winged Gull	18	9		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	10		10	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	4		4	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-083.1** **"Unnamed Colony"**
Site Number: 083.1 **Curry County** **42° 14' 37" N, 124° 24' 45" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	10	5		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pigeon Guillemot	1		1	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2

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Area Map: 270 (Cape Blanco) **Colony Number: 270-084** **"Unnamed Colony"**
Site Number: 084 **Curry County** **42° 14' 30" N, 124° 24' 40" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
Pigeon Guillemot	16		16	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	6	3		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	7		7	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-085** **"Unnamed Colony"**
Site Number: 085 **Curry County** **42° 14' 9" N, 124° 24' 50" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	20	10		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Brandt's Cormorant	8	4		N	2	Pitkin/Ledig	6/11/2004	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	600		359	B	1.67	Pitkin/Ledig	6/11/2004	AP	W	2	3
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Double-crested Cormorant	148	74		N	2	Varoujean	7/11/1979	AP	W	2	1
Pelagic Cormorant	12	6		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	14	7		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	34	17		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1998	AP	W	1	2
Brandt's Cormorant	14	7		N	2	Lowe/Pitkin	6/5/1996	AP	W	1	2
Brandt's Cormorant	34	17		N	2	Lowe/Pitkin	6/8/1993	AP	W	1	2
Common Murre	339		203	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Common Murre	317		190	B	1.67	Pitkin/Lowe	6/6/2002	AP	W	2	3
Common Murre	301		180	B	1.67	Pitkin/Lowe	6/7/2001	AP	W	2	3
Common Murre	232		139	B	1.67	Pitkin/Lowe	6/15/2000	AP	W	2	3
Common Murre	175		105	B	1.67	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	84		50	B	1.67	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	251		150	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	232		139	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2
Common Murre	237		142	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	147		88	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	90		54	B	1.67	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	107		64	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	125		75	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2
Common Murre	120		72	B	1.67	Lowe/Naughton	6/11/1990	AP	W	2	2
Common Murre	99		59	B	1.67	Lowe/Naughton	6/7/1989	AP	W	2	2
Common Murre	73		44	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	5		5	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-086** **"Unnamed Colony"**
Site Number: 086 **Curry County** **42° 13' 53" N, 124° 24' 50" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	0	0		N	L	Pitkin/Ledig	6/11/2004	AP	W	1	3
Common Murre	720		431	B	1.67	Pitkin/Ledig	6/11/2004	AP	W	2	3
Pigeon Guillemot	4		4	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	6/8/1994	AP	W	3	2
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1998	AP	W	1	2
Brandt's Cormorant	40	20		N	2	Lowe/Matthews	7/13/1988	B	W	1	2
Common Murre	115		69	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Common Murre	122		73	B	1.67	Pitkin/Lowe	6/6/2002	AP	W	2	3
Common Murre	77		46	B	1.67	Pitkin/Lowe	6/7/2001	AP	W	2	3
Common Murre	58		35	B	1.67	Pitkin/Lowe	6/15/2000	AP	W	2	3
Common Murre	50		30	B	1.67	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	58		35	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	70		42	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2
Common Murre	102		61	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	274		164	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	84		50	B	1.67	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	109		65	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	142		85	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2
Common Murre	150		90	B	1.67	Lowe/Naughton	6/11/1990	AP	W	2	2
Common Murre	145		87	B	1.67	Lowe/Naughton	6/7/1989	AP	W	2	2
Common Murre	546		327	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	418		250	B	1.67	Varoujean	5/21/1979	AP	W	3	1
Black Oystercatcher	2		2	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-087** **Mack Arch**
Site Number: 087 **Curry County** **42° 13' 41" N, 124° 24' 33" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	252	126		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	22	11		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	23,111		13,839	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	8		8	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Tufted Puffin	7		7	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Pelagic Cormorant	134	67		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	4	2		N	2	Lowe/Thounhurst/Nelson	7/26/1989	B	W	1	2
Pelagic Cormorant	194	97		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	206	103		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
West./Glaucous-winged Gull	40	20		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Common Murre	19,623		11,750	B	1.67	Varoujean	5/21/1979	AP	W	2	1
Pigeon Guillemot	22		22	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pigeon Guillemot	45		45	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Tufted Puffin	4			B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	3		3	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 343

Mack Arch (270-087; foreground) to Saddle Rock (270-079) and "North Crook Point Rock" (270-076). Cape Sebastian in background. *David S. Pitkin*

Area Map: 270 (Cape Blanco) **Colony Number: 270-080C** **"Mack Reef Complex"**
Site Number: 080-087 **Curry County** **42° 14' 19" N, 124° 24' 41" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	60		60	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	75		75	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	50		50	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	10		10	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	50		50	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	75		75	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Unidentified Cormorant	4,000		4,000	B	L	Marshall/Glahn	5/14/1963	A	T	4	4
West./Glaucous-winged Gull	40		40	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	200		200	B	L	Glahn	6/18/1970	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/21/1968	A	W	1	4
West./Glaucous-winged Gull	20		20	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
West./Glaucous-winged Gull	100		100	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Common Murre	5,700		5,700	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	8,050		8,050	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	4,000		4,000	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	6,850		6,850	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	7,000		7,000	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	3,000		3,000	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	4,000		4,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	18,000		18,000	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Common Murre	1,500		1,500	B	L	Marshall/Glahn	5/14/1963	A	T	4	4

Area Map: 270 (Cape Blanco) **Colony Number: 270-087.1** **"Unnamed Colony"**
Site Number: 087.1 **Curry County** **42° 13' 45" N, 124° 23' 21" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Black Oystercatcher	8		8	B	L	Lowe/Matthews	7/13/1988	B	W	3	2

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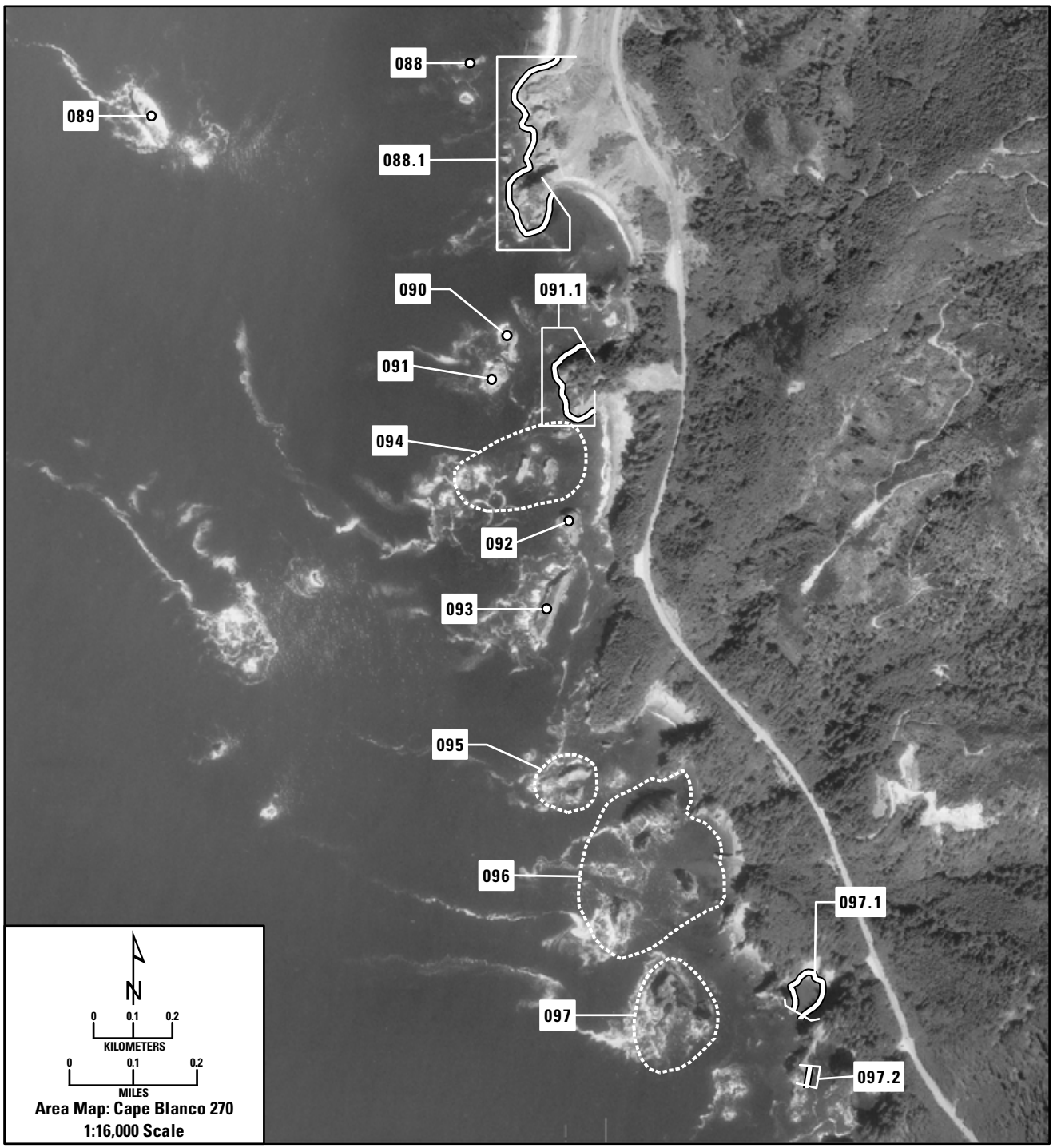
Area Map: 270 (Cape Blanco) **Colony Number: 270-087.2** **"Unnamed Colony"**
Site Number: 087.2 **Curry County** **42° 13' 38" N, 124° 23' 12" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	2		2	B	L	Lowe/Matthews	7/13/1988	B	W	3	2

Map on page 343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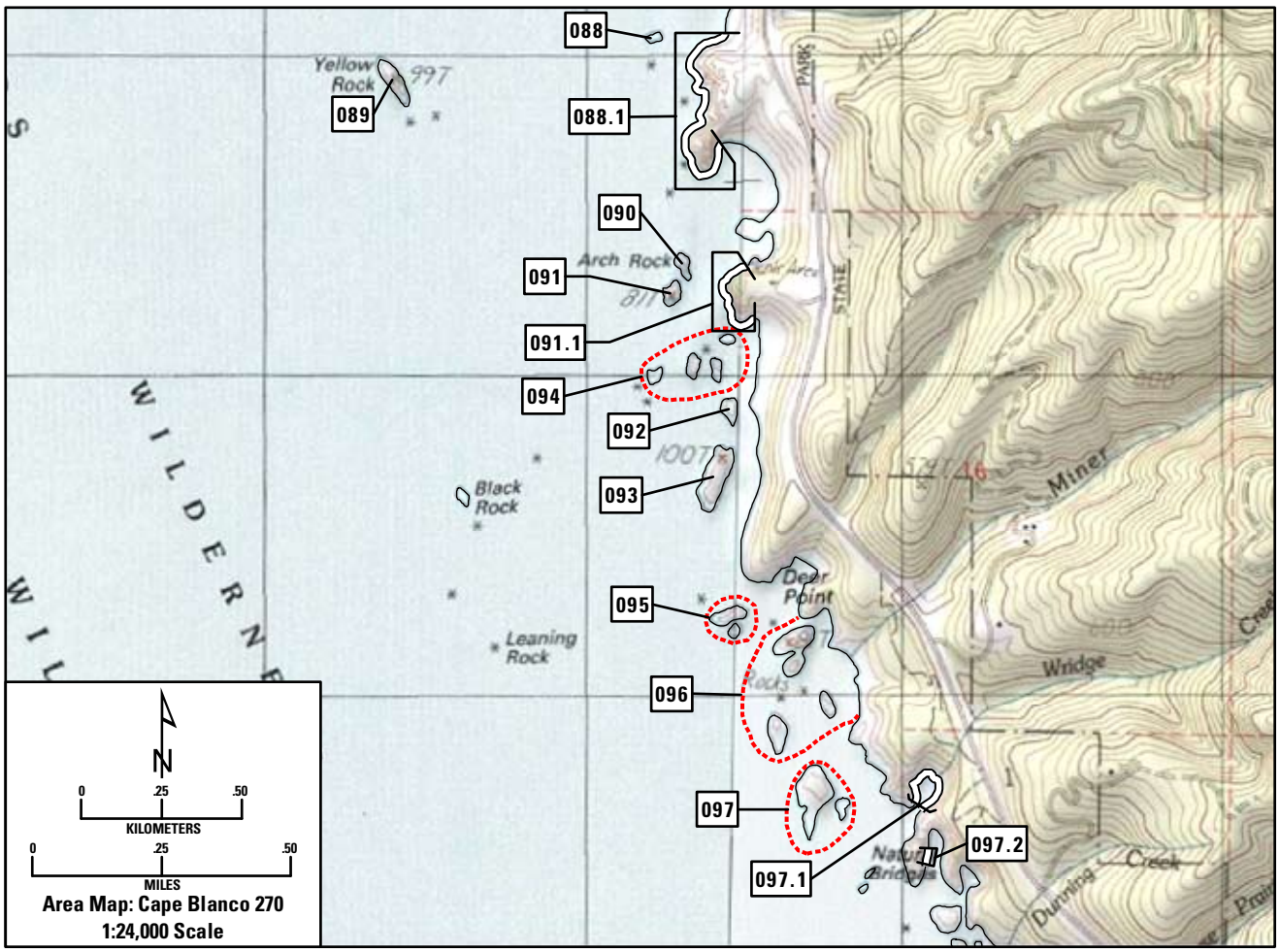
Area Map: Cape Blanco 270
1:16,000 Scale



Area Map: 270 (Cape Blanco)
Site Number: 088

Colony Number: 270-088
Curry County

"Unnamed Colony"
42° 12' 44" N, 124° 22' 47" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pigeon Guillemot	12		12	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 357

Area Map: 270 (Cape Blanco) **Colony Number: 270-088.1** **"Unnamed Colony"**
Site Number: 088.1 **Curry County** **42° 12' 36" N, 124° 22' 40" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pigeon Guillemot	15		15	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2

Map on page 357

Area Map: 270 (Cape Blanco) **Colony Number: 270-089** **Yellow Rock**
Site Number: 089 **Curry County** **42° 12' 39" N, 124° 23' 22" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	108	54		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	66	33		N	2	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Brandt's Cormorant	142	71		N	2	Lowe/Naughton	6/7/1989	AP	W	1	2
Brandt's Cormorant	180	90		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	22	11		N	2	Pitman	6/29/1979	C	W	2	1
West./Glaucous-winged Gull	60	30		N	2	Pitman	6/29/1979	C	W	2	1
Pigeon Guillemot	6		6	B	L	Pitman	6/29/1979	C	W	3	1
Black Oystercatcher	4		4	B	L	Pitman	6/29/1979	C	W	3	1

Map on page 357

Area Map: 270 (Cape Blanco) **Colony Number: 270-090** **Arch Rock**
Site Number: 090 **Curry County** **42° 12' 21" N, 124° 22' 42" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	46	23		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Pitkin	6/28/1993	M	W	1	2
Pigeon Guillemot	3		3	B	L	Lowe/Goff	6/18/1990	M	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pelagic Cormorant	34	17		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	6	3		N	2	Lowe/Goff	6/18/1990	M	W	1	2
Pelagic Cormorant	8	4		N	2	Lowe/Thounhurst	6/28/1989	B,M	W	1	2
Pelagic Cormorant	46	23		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	46	23		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
West./Glaucous-winged Gull	2	1		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	6/28/1993	M	W	3	2
Pigeon Guillemot	3		3	B	L	Lowe/Thounhurst	6/28/1989	M	W	3	2
Pigeon Guillemot	11		11	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pigeon Guillemot	10		10	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 357

Area Map: 270 (Cape Blanco) **Colony Number: 270-091** **"Unnamed Colony"**
Site Number: 091 **Curry County** **42° 12' 18" N, 124° 22' 44" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	18	9		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	28	14		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pigeon Guillemot	6		6	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Goff	6/18/1990	M	W	3	2
Pelagic Cormorant	20	10		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	6	3		N	2	Lowe/Goff	6/18/1990	M	W	1	2
Pelagic Cormorant	16	8		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	6/28/1993	M	X	4	2
West./Glaucous-winged Gull	X			O	L	Lowe/Goff	6/18/1990	M	X	4	2
West./Glaucous-winged Gull	10	5		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	10		10	B	L	Lowe/Goff	6/18/1990	M	W	3	2
Pigeon Guillemot	8		8	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pigeon Guillemot	24		24	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	2	1	2	N	2	Lowe/Thounhurst	6/28/1989	B,M	W	1	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-091.1** **"Unnamed Colony"**
Site Number: 091.1 **Curry County** **42° 12' 17" N, 124° 22' 36" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2

Map on page 357

Area Map: 270 (Cape Blanco) **Colony Number: 270-092** **"Unnamed Colony"**
Site Number: 092 **Curry County** **42° 12' 6" N, 124° 22' 36" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	6/28/1993	M	W	3	2
Pelagic Cormorant	14	7		N	2	Pitkin/Wells	6/29/2003	B,M	W	1	3
Pelagic Cormorant	20	10		N	2	Lowe/Pitkin	6/28/1993	M	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Thounhurst/Nelson	7/26/1989	B	W	1	2
Pelagic Cormorant	22	11		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	14	7		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-093** **"Spruce Island"**
Site Number: 093 **Curry County** **42° 11' 59" N, 124° 22' 37" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	18	9		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Seabirds	0		0	O	L	Lowe/Thounhurst/Gard	8/30/1989	B	W	1	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B,M	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pigeon Guillemot	2		2	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-094** **"Unnamed Colony"**
Site Number: 094 **Curry County** **42° 12' 11" N, 124° 22' 40" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	20	10		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	26	13		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pigeon Guillemot	5		5	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pelagic Cormorant	18	9		N	2	Pitkin/Wells	6/29/2003	B,M	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	6/28/1993	C,M	W	1	2
Pelagic Cormorant	16	8		N	2	Lowe/Thounhurst	6/28/1989	M	W	1	2
Pelagic Cormorant	12	6		N	2	Lowe/Thounhurst	6/28/1989	M	W	1	2
Pelagic Cormorant	30	15		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	30	15		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Brandt's Cormorant	16	8		N	2	Lowe/Thounhurst	6/28/1989	M	W	1	2
West./Glaucous-winged Gull	14	7		N	2	Lowe/Pitkin	6/28/1993	C,M	W	2	2
West./Glaucous-winged Gull	X			O	L	Lowe/Thounhurst	6/28/1989	M	X	4	2
West./Glaucous-winged Gull	12	6		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	7		7	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	6/28/1993	C,M	W	1	2
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 357

Deer Point Rocks (270-095; left) to "Unnamed Colony" (270-097; right)
June 10, 1997 *David S. Pitkin*

Area Map: 270 (Cape Blanco) **Colony Number: 270-095** **"Deer Point Rocks"**
Site Number: 095 **Curry County** **42° 11' 45" N, 124° 22' 35" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	16	8		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	8	4		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	0		0	B	L	Lowe/Pitkin	6/9/1999	AP	W	1	2
Pigeon Guillemot	5		5	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Seabirds	0		0	O	L	Lowe/Dee	6/4/1992	A	W	1	2
Pelagic Cormorant	8	4		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	6	3		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	20	10		N	2	Pitman	6/29/1979	C	W	1	1
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1999	AP	W	1	2
Brandt's Cormorant	0	0		N	L	Lowe	6/4/1991	AP	W	1	2
Brandt's Cormorant	50	25		N	2	Lowe/Naughton	6/11/1990	AP	W	1	2
Brandt's Cormorant	0	0		U	L	Lowe/Thounhurst	6/7/1989	AP	W	1	2
Brandt's Cormorant	50	25		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	68	34		N	2	Varoujean	5/21/1979	AP	W	2	1
West./Glaucous-winged Gull	6	3		N	2	Pitman	6/29/1979	C	W	1	1
Pigeon Guillemot	10		10	B	L	Pitman	6/29/1979	C	W	3	1
Black Oystercatcher	2		2	B	L	Pitman	6/29/1979	C	W	2	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-096** **"Unnamed Colony"**
Site Number: 096 **Curry County** **42° 11' 39" N, 124° 22' 26" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pelagic Cormorant	4	2		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
West./Glaucous-winged Gull	4	2		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	10		10	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 357

Area Map: 270 (Cape Blanco)
Site Number: 097

Colony Number: 270-097
Curry County

"Unnamed Colony"
42° 11' 26" N, 124° 22' 22" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	26	13		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pigeon Guillemot	6		6	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Pelagic Cormorant	24	12		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	14	7		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pelagic Cormorant	14	7		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1

Map on page 357

Area Map: 270 (Cape Blanco)
Site Number: 097.1

Colony Number: 270-097.1
Curry County

"Wridge Creek Cove"
42° 11' 29" N, 124° 22' 7" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	4		4	B	L	Lowe/Matthews	7/13/1988	B	W	3	2

Map on page 357

Area Map: 270 (Cape Blanco)
Site Number: 097.2

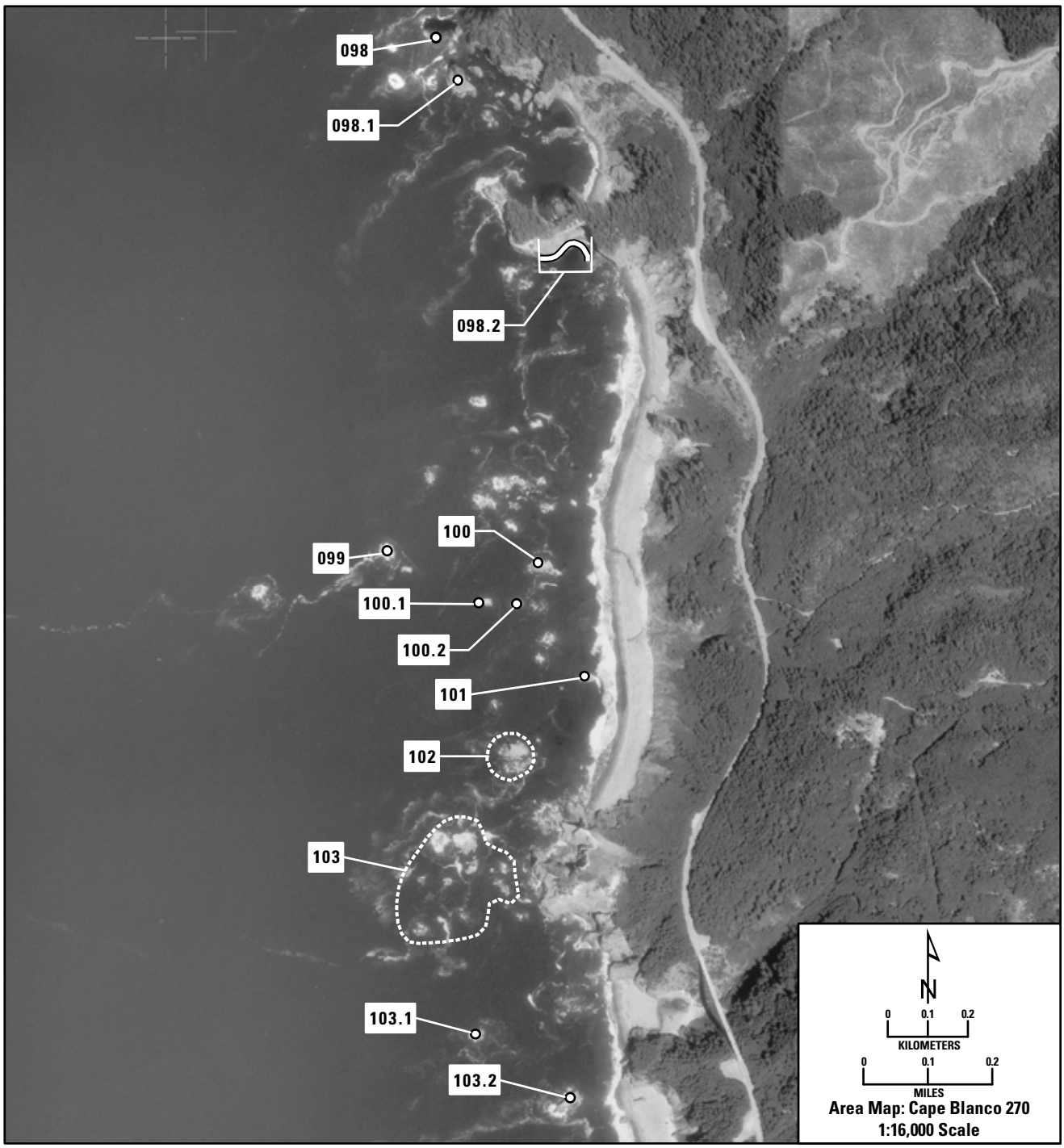
Colony Number: 270-097.2
Curry County

"Natural Bridges Point"
42° 11' 21" N, 124° 22' 8" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2

Map on page 357

Tufted Puffin *Roy W. Lowe*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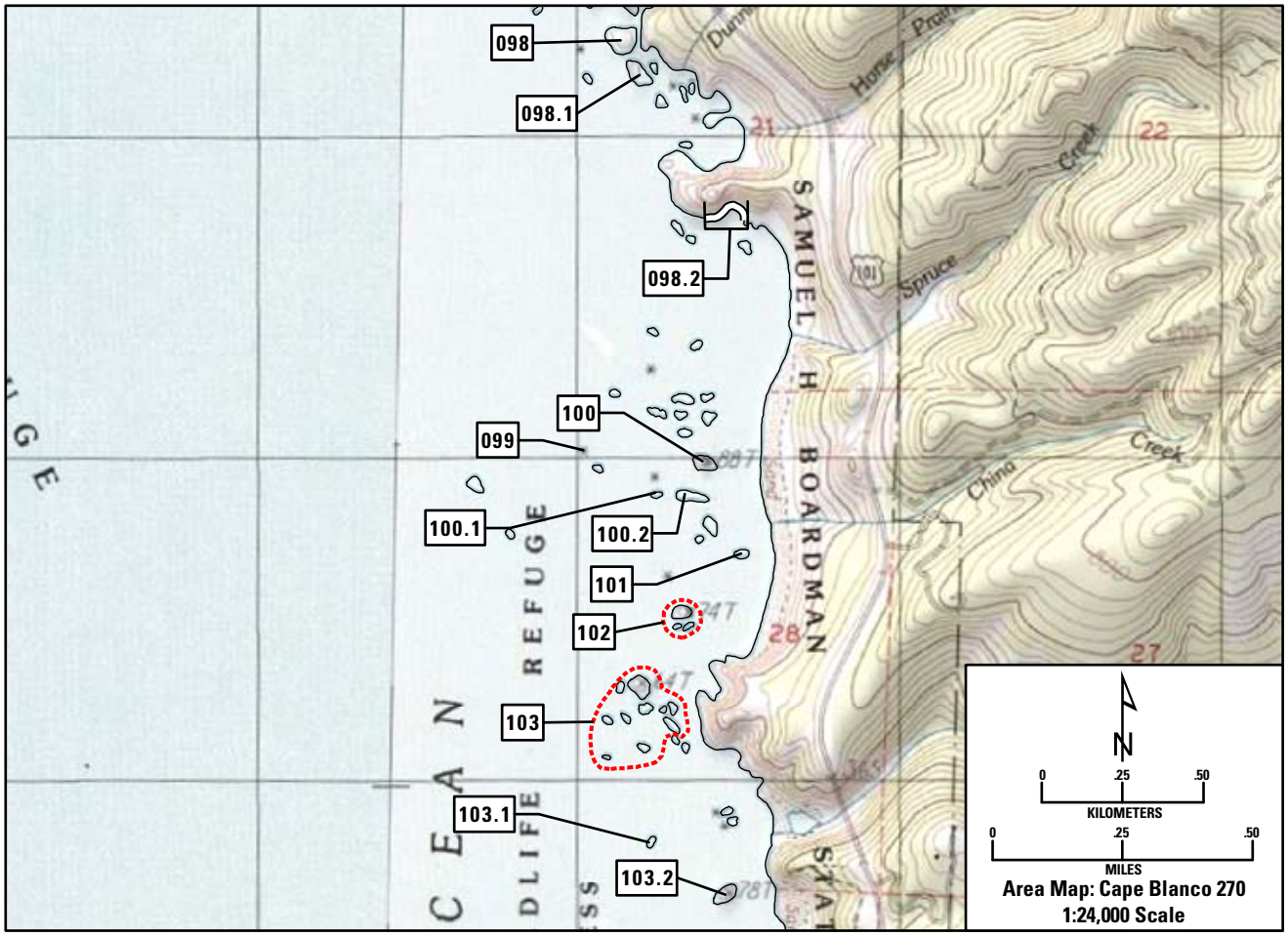
1:16,000 Scale



Area Map: 270 (Cape Blanco)
Site Number: 098

Colony Number: 270-098
Curry County

"Unnamed Colony"
42° 11' 15" N, 124° 22' 5" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
Rhinoceros Auklet	4		4	B	L	Pitkin/Wells	6/29/2003	B	W	3	3
Black Oystercatcher	1		1	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	2	1		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1

Map on page 367

Area Map: 270 (Cape Blanco) **Colony Number: 270-088C** **"Deer Point Rocks Complex"**
Site Number: 088-098 **Curry County** **42° 11' 58" N, 124° 22' 33" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	100		100	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	140		140	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	50		50	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	75		75	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
West./Glaucous-winged Gull	90		90	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Glahn	6/18/1970	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
West./Glaucous-winged Gull	200		200	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Common Murre	0		0	B	L	USFWS	June/1976	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/28/1975	A	W	3	4
Common Murre	15		15	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Common Murre	0		0	B	L	Glahn	6/18/1970	A	W	3	4
Common Murre	0		0	B	L	Rodgers/Glahn	6/27/1967	A	W	3	4

Area Map: 270 (Cape Blanco) **Colony Number: 270-098.1** **"Unnamed Colony"**
Site Number: 098.1 **Curry County** **42° 11' 11" N, 124° 22' 2" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	5		5	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Black Oystercatcher	3		3	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2

Map on page 367

Area Map: 270 (Cape Blanco) **Colony Number: 270-098.2** **"Unnamed Colony"**
Site Number: 098.2 **Curry County** **42° 10' 58" N, 124° 21' 50" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pigeon Guillemot	8		8	B	L	Lowe/Matthews	7/13/1988	B	W	3	2

Map on page 367

Area Map: 270 (Cape Blanco) **Colony Number: 270-099** **"Unnamed Colony"**
Site Number: 099 **Curry County** **42° 10' 34" N, 124° 22' 9" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	6	3		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Matthews	7/13/1988	B	W	1	2
Pigeon Guillemot	1		1	B	L	Lowe/Heimgartner	7/7/1992	M	W	3	2
Black Oystercatcher	4		4	B	L	Pitkin/Wells	6/29/2003	B	W	3	3
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	0	0		N	L	Lowe/Pitkin	6/28/1993	M	W	1	2
Pelagic Cormorant	2	1		N	2	Lowe/Matthews	7/13/1988	B	W	1	2
Pelagic Cormorant	4	2		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Brandt's Cormorant	0	0	2	B	L	Lowe/Heimgartner	7/7/1992	M	W	1	2
Brandt's Cormorant	56	28		N	2	Lowe/Naughton	6/4/1991	AP	W	1	2
Brandt's Cormorant	X			O	L	Lowe/Thounhurst/Goff	6/18/1990	M	X	4	2
West./Glaucous-winged Gull	1		1	B	L	Lowe/Heimgartner	7/7/1992	M	W	3	2
West./Glaucous-winged Gull	10	5		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	4		4	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Pigeon Guillemot	5		5	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	6/28/1993	M	W	3	2

Map on page 367

Area Map: 270 (Cape Blanco) **Colony Number: 270-100** **"Unnamed Colony"**
Site Number: 100 **Curry County** **42° 10' 32" N, 124° 21' 53" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	34	17		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	0	0	3	B	L	Lowe/Heimgartner	7/7/1992	M	W	1	2
Pigeon Guillemot	5		5	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Pelagic Cormorant	32	16		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	30	15		N	2	Lowe/Matthews	7/13/1988	B	W	1	2
Pelagic Cormorant	22	11		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
West./Glaucous-winged Gull	X			O	L	Lowe/Thounhurst/Nelson	7/26/1989	B	X	4	2
West./Glaucous-winged Gull	10	5		N	2	Lowe/Matthews	7/13/1988	B	W	1	2
West./Glaucous-winged Gull	10	5		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	2		2	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 367

Area Map: 270 (Cape Blanco) **Colony Number: 270-100.1** **"Unnamed Colony"**
Site Number: 100.1 **Curry County** **42° 10' 29" N, 124° 21' 59" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
Black Oystercatcher	2		2	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	6/28/1993	M	W	2	2
Pelagic Cormorant	8	4		N	2	Lowe/Matthews	7/13/1988	B	W	1	2

Map on page 367

Area Map: 270 (Cape Blanco) **Colony Number: 270-100.2** **"Unnamed Colony"**
Site Number: 100.2 **Curry County** **42° 10' 29" N, 124° 21' 55" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe/Matthews	7/13/1988	B	W	1	2

Map on page 367

Area Map: 270 (Cape Blanco) **Colony Number: 270-101** **"Unnamed Colony"**
Site Number: 101 **Curry County** **42° 10' 23" N, 124° 21' 48" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	10	5		N	2	Pitkin/Wells	6/29/2003	B,M	W	2	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Heimgartner	7/7/1992	M	W	3	2
Pelagic Cormorant	20	10		N	2	Pitkin/Ledig	7/15/2004	B	Z	3	3
Pelagic Cormorant	14	7		N	2	Lowe/Heimgartner	7/7/1992	M	W	1	2
Pelagic Cormorant	34	17		N	2	Matthews	6/13/1988	B,M	W	2	2
Pelagic Cormorant	32	16		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/15/1988	B	W	3	2
Pigeon Guillemot	15		15	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 367

Area Map: 270 (Cape Blanco) **Colony Number: 270-102** **"Unnamed Colony"**
Site Number: 102 **Curry County** **42° 10' 17" N, 124° 21' 55" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	26	13		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Pigeon Guillemot	7		7	B	L	Lowe/Heimgartner	7/7/1992	M	W	3	2
Black Oystercatcher	6		6	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Double-crested Cormorant	4	2		N	2	Lowe/Anderson/Matthews	6/30/1988	M	W	1	2
Brandt's Cormorant	6	3		N	2	Lowe/Pitkin	6/28/1993	M	W	1	2
West./Glaucous-winged Gull	12	6		N	2	Lowe/Pitkin	6/28/1993	M	W	1	2
West./Glaucous-winged Gull	X			O	L	Lowe/Thounhurst/Nelson	7/26/1989	B	X	4	2
West./Glaucous-winged Gull	50	25		N	2	Pitman/Varoujean	6/29/1979	B	W	2	1
Pigeon Guillemot	18		18	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Pigeon Guillemot	10		10	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Pigeon Guillemot	25		25	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	6/28/1993	M	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 367

Area Map: 270 (Cape Blanco)
Site Number: 103

Colony Number: 270-103
Curry County

"Unnamed Colony"
42° 10' 6" N, 124° 22' 1" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	36	18		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Brandt's Cormorant	66	33		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	12	6		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Pigeon Guillemot	15		15	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Black Oystercatcher	4		4	B	L	Lowe/Thounhurst/Nelson	8/30/1989	B	W	3	2
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe/Heimgartner	7/7/1992	M	W	1	2
Pelagic Cormorant	20	10		N	2	Lowe/Matthews	7/13/1988	B	W	1	2
Pelagic Cormorant	14	7		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Brandt's Cormorant	212	106		N	2	Lowe/Pitkin	6/8/1994	AP	W	1	2
Brandt's Cormorant	X			O	L	Lowe/Pitkin	6/28/1993	M	X	4	2
Brandt's Cormorant	X			O	L	Lowe/Heimgartner	7/7/1992	M	X	4	2
Brandt's Cormorant	238	119		N	2	Lowe/Naughton	6/7/1989	AP	W	1	2
Brandt's Cormorant	216	108		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	276	138		N	2	Varoujean	7/11/1979	AP	W	2	1
West./Glaucous-winged Gull	X			O	L	Lowe/Heimgartner	7/7/1992	M	X	4	2
Pigeon Guillemot	10		10	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	4		4	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 367

Area Map: 270 (Cape Blanco)
Site Number: 103.1

Colony Number: 270-103.1
Curry County

"Unnamed Colony"
42° 9' 54" N, 124° 21' 59" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Matthews	7/13/1988	B	W	1	2
Black Oystercatcher	1		1	B	L	Lowe/Matthews	7/13/1988	B	W	3	2

Map on page 367

Area Map: 270 (Cape Blanco) **Colony Number: 270-103.2** **"Unnamed Colony"**
Site Number: 103.2 **Curry County** **42° 9' 49" N, 124° 21' 49" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/15/1988	B	W	1	2
Black Oystercatcher	4		4	B	L	Lowe/Matthews	7/13/1988	B	W	3	2

Map on page 367

Area Map: 270 (Cape Blanco) **Colony Number: 270-103.3** **"Unnamed Colony"**
Site Number: 103.3 **Curry County** **42° 9' 31" N, 124° 21' 51" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Matthews	7/14/1988	B	W	1	2
Pigeon Guillemot	16		16	B	L	Lowe/Matthews	7/14/1988	B	W	3	2

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Area Map: 270 (Cape Blanco) **Colony Number: 270-104** **"Unnamed Colony"**
Site Number: 104 **Curry County** **42° 9' 10" N, 124° 21' 58" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
Pigeon Guillemot	14		14	B	L	Lowe/Matthews	7/14/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Matthews	7/14/1988	B	W	3	2
Seabirds	0		0	O	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	1	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	8	4		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-105** **"Unnamed Colony"**
Site Number: 105 **Curry County** **42° 8' 60" N, 124° 21' 53" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	22	11		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pelagic Cormorant	12	6		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	26	13		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	12	6		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

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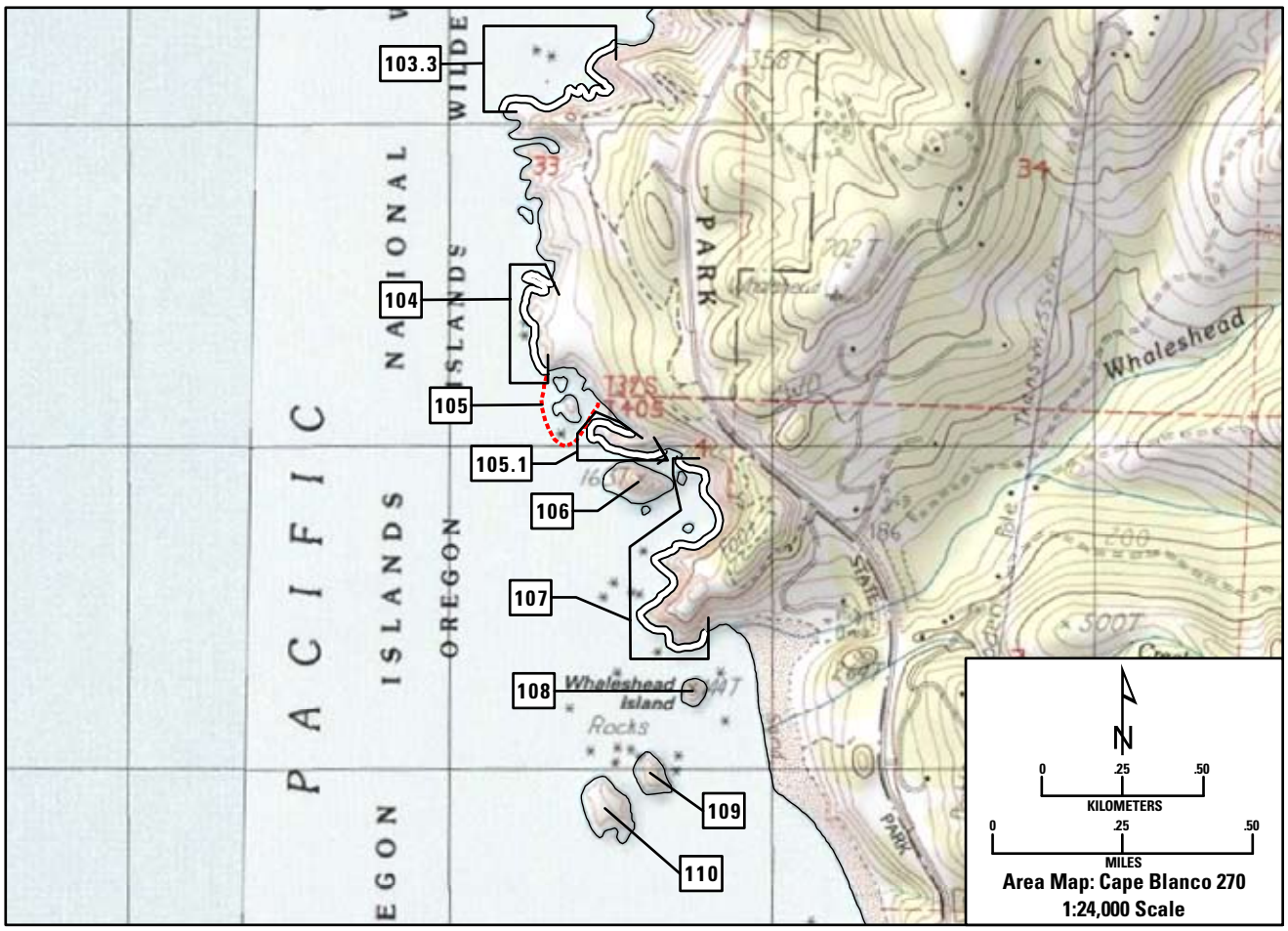

Area Map: 270 (Cape Blanco)
Site Number: 105.1

Colony Number: 270-105.1
Curry County

"Unnamed Colony"
42° 8' 56" N, 124° 21' 48" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	6	3		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pigeon Guillemot	1		1	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	8		8	B	L	Lowe/Matthews	7/13/1988	B	W	3	2
Pelagic Cormorant	10	5		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	14	7		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2

Map on page 375

Area Map: 270 (Cape Blanco)
Site Number: 106

Colony Number: 270-106
Curry County

"Unnamed Colony"
42° 8' 52" N, 124° 21' 42" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	44,736	22,368		N	S	Lowe/Anderson	8/3/1988	C	S	3	2
Pelagic Cormorant	18	9		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson	8/3/1988	C	W	1	2
Black Oystercatcher	3		3	B	L	Pitkin/Wells	6/29/2003	B	W	3	3
Leach's Storm-Petrel	1,500			N	L	Pitman/Varoujean	6/29/1979	B	Y	3	1
Pelagic Cormorant	10	5		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	40	20		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	20	10		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	20		20	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2

Map on page 375

"*Unnamed Colony*" *(270-106) with mainland colonies (270-105.1 and 270-107) in background June 19, 1998*
Roy W. Lowe

Area Map: 270 (Cape Blanco)
Site Number: 107

Colony Number: 270-107
Curry County

"Unnamed Colony"
42° 8' 44" N, 124° 21' 40" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pigeon Guillemot	22		22	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	6	3		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	28	14		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	6		6	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 375

Area Map: 270 (Cape Blanco)
Site Number: 108

Colony Number: 270-108
Curry County

Whaleshead Island
42° 8' 31" N, 124° 21' 34" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	300	150		N	S	Lowe	7/13/1988	C	S	3	2
Fork-tailed Storm-Petrel	X			U	L	Lowe	7/13/1988	C	X	4	2
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pigeon Guillemot	12		12	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	22	11		N	2	Matthews	6/25/1988	M	W	1	2
Pigeon Guillemot	10		10	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 375

Area Map: 270 (Cape Blanco) **Colony Number: 270-109** **"Whaleshead Cove" (East Rock)**
Site Number: 109 **Curry County** **42° 8' 23" N, 124° 21' 40" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	73,268	36,634		N	S	Lowe/Anderson	8/3/1988	C	S	3	2
Fork-tailed Storm-Petrel	P			O	L	Lowe/Anderson	8/3/1988	C	P	4	2
Double-crested Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	14	7		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	100	50		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Pigeon Guillemot	21		21	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Cassin's Auklet	40	20		N	2	Lowe	7/14/1988	C	Y	3	2
Rhinoceros Auklet	P			O	L	Lowe	7/14/1988	C	P	4	2
Tufted Puffin	50	25		N	2	Lowe	7/14/1988	C	Y	3	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Leach's Storm-Petrel	32,000			N	L	Pitman	6/1/1979	B	Y	3	1
Leach's Storm-Petrel	108,265			N	S	English/Browning	4/23/1967	C	S	4	5
Double-crested Cormorant	32	16		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Double-crested Cormorant	28	14		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Double-crested Cormorant	22	11		N	2	Pitman	6/1/1979	B	W	1	1
Pelagic Cormorant	20	10		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	28	14		N	2	Matthews	6/25/1988	M	W	1	2
Pelagic Cormorant	26	13		N	2	Pitman	6/1/1979	B	W	1	1
Pelagic Cormorant	4	2		N	2	English/Browning	4/23/1967	C	W	4	5
Brandt's Cormorant	20	10		N	2	English/Browning	4/23/1967	C	W	4	5
West./Glaucous-winged Gull	76	38		N	2	Pitman	6/1/1979	B	W	2	1
West./Glaucous-winged Gull	80		80	B	L	English/Browning	4/23/1967	C	W	4	5
Pigeon Guillemot	41		41	B	L	Pitman	6/1/1979	B	W	3	1
Pigeon Guillemot	88		88	B	L	English/Browning	4/23/1967	C	W	3	5
Cassin's Auklet	P			O	L	Pitman	6/1/1979	B	P	4	1
Cassin's Auklet	10	5		N	2	English/Browning	4/23/1967	C	W	4	5
Rhinoceros Auklet	P			O	L	Pitman	6/1/1979	B	P	4	1
Tufted Puffin	70			B	L	Pitman	6/1/1979	B	W	3	1
Tufted Puffin	94	47		N	2	English/Browning	4/23/1967	C	W	4	5

Map on page 375

"Whaleshead Cove Rocks" (270-110; foreground) and (270-109: background) June 5, 1996

David S. Pitkin

Area Map: 270 (Cape Blanco) **Colony Number: 270-110** **"Whaleshead Cove" (West Rock)**
Site Number: 110 **Curry County** **42° 8' 19" N, 124° 21' 46" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	8,016	4,008		N	S	Lowe/Anderson	8/3/1988	C	S	3	2
Fork-tailed Storm-Petrel	P			O	L	Lowe/Anderson	8/3/1988	C	P	4	2
Double-crested Cormorant	34	17		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Pelagic Cormorant	10	5		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	178	89		N	2	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	40,608		24,316	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	25		25	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Cassin's Auklet	100			B	L	Pitman/Varoujean	6/2/1979	C	W	2	1
Rhinoceros Auklet	P			O	L	Lowe/Anderson	8/3/1988	C	P	4	2
Tufted Puffin	40	20		N	2	Lowe/Anderson	8/3/1988	C	Y	3	2
Leach's Storm-Petrel	8,000			U	L	Pitman/Varoujean	6/1/1979	C	Y	3	1
Leach's Storm-Petrel	21,562			U	L	English/Browning	4/23/1967	M	Y	4	5
Double-crested Cormorant	2	1		N	2	Lowe/Anderson	8/3/1988	C	W	1	2
Pelagic Cormorant	34	17		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	58	29		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	30	15		N	2	Pitman/Varoujean	6/1/1979	C	W	1	1
West./Glaucous-winged Gull	170	85		N	2	Pitman/Varoujean	6/1/1979	C	W	2	1
Common Murre	28,223		16,900	B	1.67	Varoujean	5/21/1979	A	W	3	1
Common Murre	1,650		1,650	B	L	English/Browning	4/23/1967	M	W	4	5
Pigeon Guillemot	12		12	B	L	Pitman/Varoujean	6/1/1979	C	W	3	1
Pigeon Guillemot	20		20	B	L	English/Browning	4/23/1967	C	W	4	5
Cassin's Auklet	X			U	L	Lowe/Anderson	8/3/1988	C	X	4	2
Cassin's Auklet	P			O	L	English/Browning	4/23/1967	C	P	4	5
Tufted Puffin	100			U	L	Pitman/Varoujean	6/1/1979	C	Y	4	1
Tufted Puffin	X			O	L	English/Browning	4/23/1967	C	X	4	5
Black Oystercatcher	4		4	B	L	Pitman/Varoujean	6/1/1979	C	W	3	1

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Area Map: 270 (Cape Blanco)
Site Number: 109-110

Colony Number: 270-109C
Curry County

"Whaleshead Cove Complex"
42° 8' 20" N, 124° 21' 44" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	50		50	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Unidentified Cormorant	225		225	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	50		50	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
Unidentified Cormorant	200		200	B	L	Marshall/Glahn	5/14/1963	A	T	4	4
West./Glaucous-winged Gull	30		30	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	250		250	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	600		600	B	L	Glahn	6/18/1970	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	Marshall/Glahn	6/24/1966	A	W	1	4
West./Glaucous-winged Gull	100		100	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Common Murre	8,000		8,000	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	8,700		8,700	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	3,900		3,900	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	4,800		4,800	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	7,500		7,500	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	60		60	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Common Murre	3,500		3,500	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	10,000		10,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	18,000		18,000	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Common Murre	3,000		3,000	B	L	Marshall/Glahn	5/14/1963	A	T	4	4
Tufted Puffin	65		65	B	L	USFWS	6/26/1972	A	T	4	4

Area Map: 270 (Cape Blanco)
Site Number: 111

Colony Number: 270-111
Curry County

"Unnamed Colony"
42° 7' 27" N, 124° 21' 17" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
Pigeon Guillemot	1		1	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	42	21		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	48	24		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	10		10	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 383

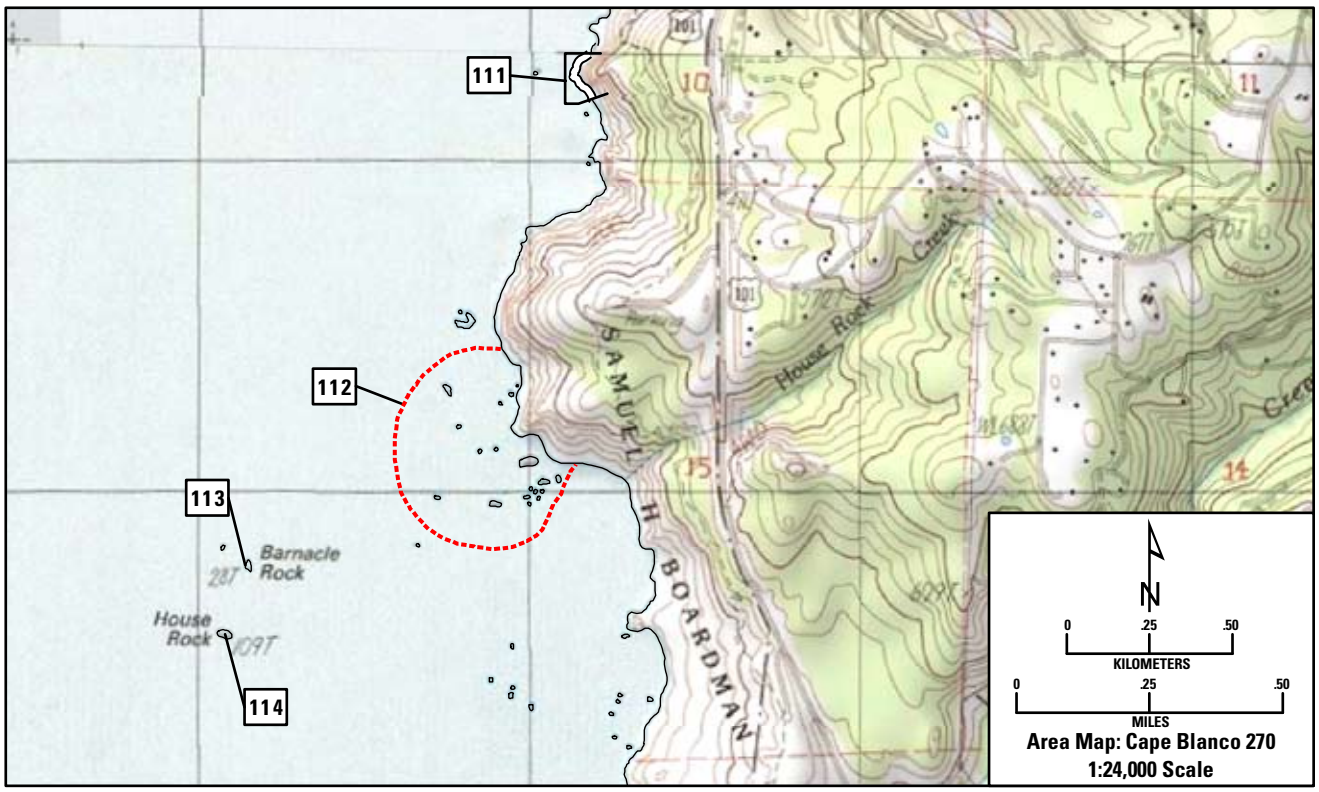
Area Map: 270 (Cape Blanco)
Site Number: 112

Colony Number: 270-112
Curry County

"Unnamed Colony"
42° 6' 50" N, 124° 21' 28" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	14	7		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Pitman/Varoujean	6/29/1979	B	W	1	1
Pigeon Guillemot	8		8	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/29/1979	B	W	3	1

Map on page 383



Area Map: 270 (Cape Blanco)
Site Number: 113

Colony Number: 270-113
Curry County

Barnacle Rock
42° 6' 39" N, 124° 21' 59" W

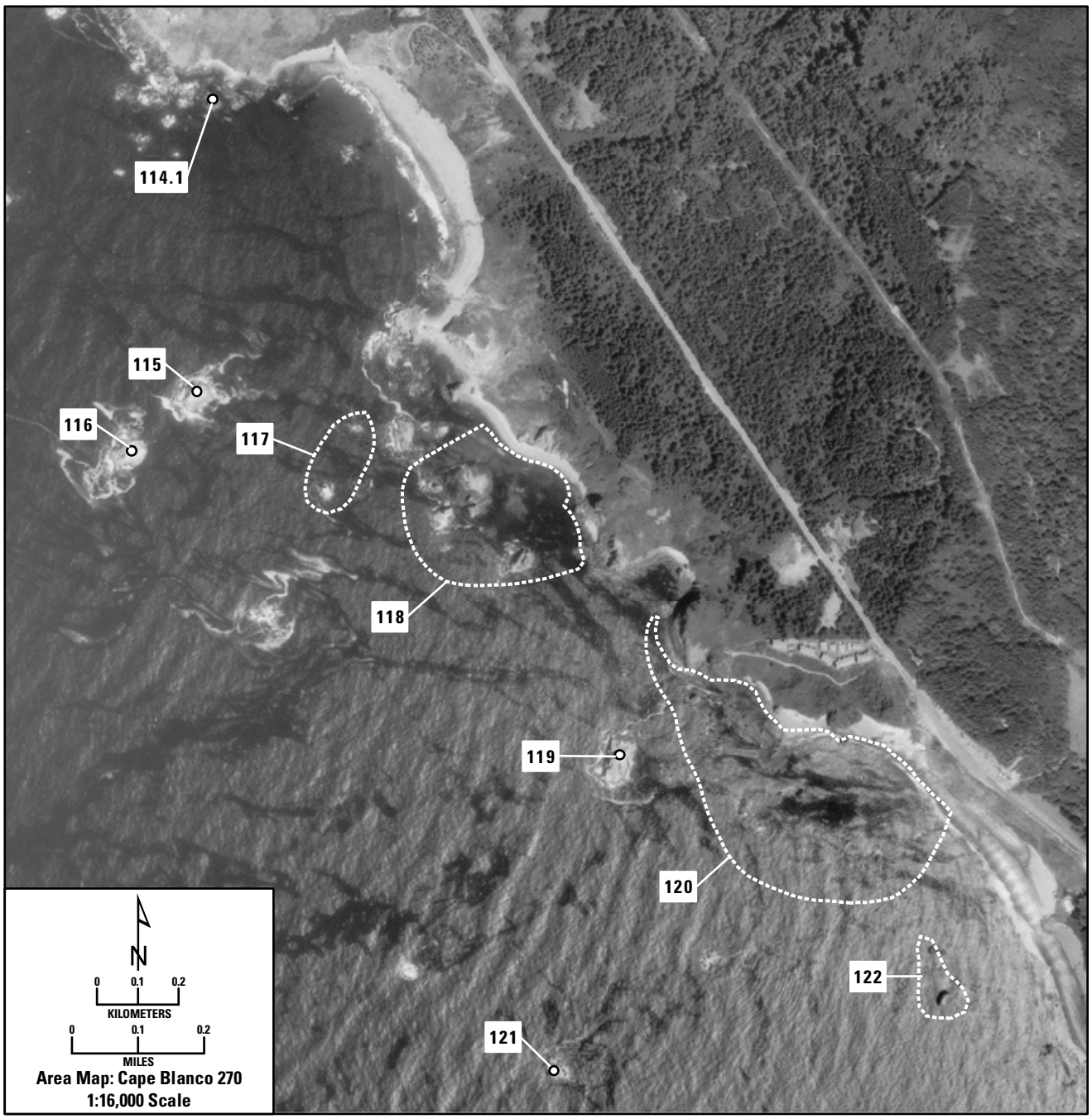
Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Seabirds	0		0	O	L	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Unidentified Cormorant	1		1	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Unidentified Cormorant	0		0	B	L	USFWS	6/26/1972	A	W	3	4
Unidentified Cormorant	35		35	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
West./Glaucous-winged Gull	2		2	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	Rodgers/Glahn	6/27/1967	A	W	1	4
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1

Map on page 383

Area Map: 270 (Cape Blanco) **Colony Number: 270-114** **House Rock**
Site Number: 114 **Curry County** **42° 6' 32" N, 124° 22' 2" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Brandt's Cormorant	4	2		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	16	8		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	3		2	B	1.67	Lowe/Anderson/Matthews	6/14/1988	B	W	2	2
Unidentified Cormorant	25		25	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	75		75	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	35		35	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	50		50	B	L	Glahn	6/18/1970	A	T	3	4
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	6	3		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	10	5		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
Brandt's Cormorant	2	1		N	2	Lowe/Pitkin	6/9/1999	AP	W	1	2
Brandt's Cormorant	6	3		N	2	Lowe/Pitkin	5/6/1996	AP	W	1	2
Brandt's Cormorant	14	7		N	2	Lowe/Pitkin	6/8/1995	AP	W	2	2
Brandt's Cormorant	6	3		N	2	Lowe/Pitkin	6/8/1994	AP	W	1	2
Brandt's Cormorant	6	3		N	2	Lowe/Pitkin	6/8/1993	AP	W	1	2
Brandt's Cormorant	12	6		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Brandt's Cormorant	12	6		N	2	Lowe/Naughton	6/4/1991	AP	W	1	2
Brandt's Cormorant	12	6		N	2	Lowe/Naughton	6/7/1989	AP	W	1	2
Brandt's Cormorant	18	9		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	50	25		N	2	Varoujean	7/11/1979	AP	W	1	1
West./Glaucous-winged Gull	10	5		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
West./Glaucous-winged Gull	8		8	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
Common Murre	0		0	B	L	USFWS	June/1976	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/28/1975	A	W	3	4
Common Murre	0		0	B	L	USFWS	7/12/1974	A	W	3	4
Common Murre	600		600	B	L	USFWS	6/29/1973	A	T	3	4
Common Murre	0		0	B	L	USFWS	6/26/1972	A	W	3	4

Map on page 383



Area Map: Cape Blanco 270
1:16,000 Scale

Area Map: 270 (Cape Blanco) **Colony Number: 270-114.1** **"Unnamed Colony"**
Site Number: 114.1 **Curry County** **42° 5' 58" N, 124° 20' 58" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
West./Glaucous-winged Gull	2	1		N	2	Lowe/Pitkin	6/28/1993	M	W	1	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	6/28/1993	M	W	2	2

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Area Map: 270 (Cape Blanco) **Colony Number: 270-115** **Twin Rocks (East)**
Site Number: 115 **Curry County** **42° 5' 35" N, 124° 20' 59" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	84	42		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Brandt's Cormorant	4	2		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Common Murre	1,680		1,006	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Pigeon Guillemot	16		16	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Pelagic Cormorant	52	26		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	56	28		N	2	Lowe/Pitkin	6/30/1994	B	W	1	2
Pelagic Cormorant	40	20		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	20	10		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
Brandt's Cormorant	6	3		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	10	5		N	2	Pitman/Varoujean	6/2/1979	B	W	2	1
Common Murre	1,246		746	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	2,004		1,200	B	1.67	Varoujean	7/11/1979	AP	W	3	1
Pigeon Guillemot	3		3	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Pigeon Guillemot	11		11	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	2	1	2	N	2	Lowe/Thounhurst/Nelson	7/26/1989	B	W	1	2
Black Oystercatcher	7		7	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1

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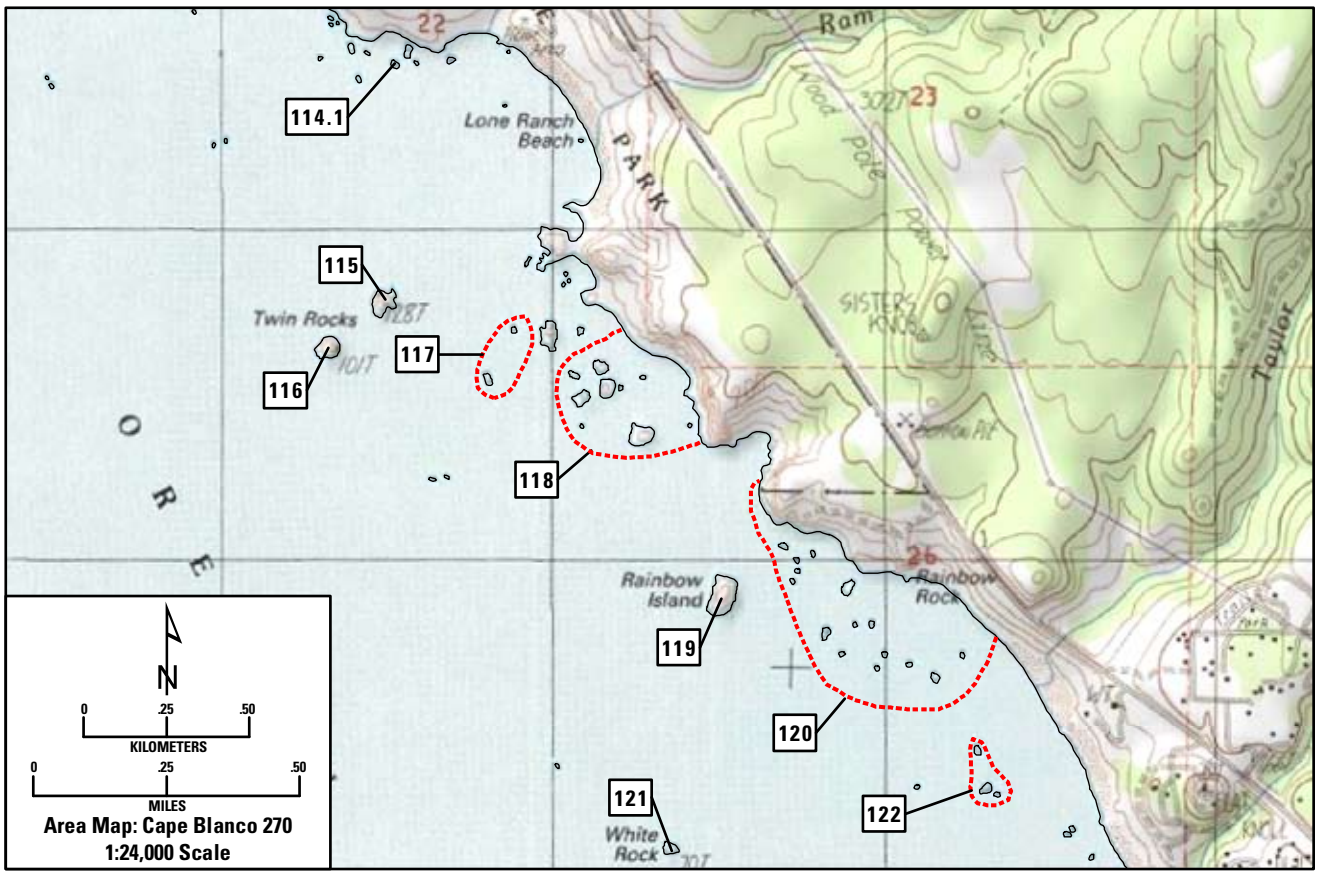
114.1
Lone Ranch Beach
115
Twin Rocks
116
117
118
Rainbow Island
119
120
121
White Rock
122
Rainbow Rock
Ram
Wood Pole
Taylor
N
0 .25 .50
KILOMETERS
0 .25 .50
MILES
Area Map: Cape Blanco 270
1:24,000 Scale

Area Map: 270 (Cape Blanco) **Colony Number: 270-116** **Twin Rocks (West)**
Site Number: 116 **Curry County** **42° 5' 30" N, 124° 21' 6" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Ledig	6/11/2004	AP	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Common Murre	9,653		5,780	B	1.67	Pitkin/Ledig	6/11/2004	AP	W	2	3
Pigeon Guillemot	1		1	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Pelagic Cormorant	34	17		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	34	17		N	2	Lowe/Pitkin	6/30/1994	B	W	1	2
Pelagic Cormorant	32	16		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	20	10		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
Brandt's Cormorant	0	0		N	L	Lowe/Pitkin	6/9/1998	AP	W	1	2
Brandt's Cormorant	24	12		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
Common Murre	8,153		4,882	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Common Murre	7,336		4,393	B	1.67	Pitkin/Lowe	6/6/2002	AP	W	2	3
Common Murre	9,546		5,716	B	1.67	Pitkin/Lowe	6/7/2001	AP	W	2	3
Common Murre	7,719		4,622	B	1.67	Pitkin/Lowe	6/15/2000	AP	W	2	3
Common Murre	6,630		3,970	B	1.67	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	1,812		1,085	B	1.67	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	6,717		4,022	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	8,355		5,003	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2
Common Murre	10,048		6,017	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	10,508		6,292	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	3,672		2,199	B	1.67	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	6,925		4,147	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	12,672		7,588	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2
Common Murre	10,688		6,400	B	1.67	Lowe/Naughton	6/11/1990	AP	W	2	2
Common Murre	11,622		6,959	B	1.67	Lowe/Naughton	6/7/1989	AP	W	2	2
Common Murre	8,388		5,023	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	5,678		3,400	B	1.67	Varoujean	7/11/1979	AP	W	3	1
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pigeon Guillemot	3		3	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	6/8/1994	AP	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Dee	6/4/1992	AP	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Thounhurst/Nelson	7/26/1989	B	W	3	2
Black Oystercatcher	2	1		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-115C** **"Twin Rocks Complex"**
Site Number: 115-116 **Curry County** **42° 5' 32" N, 124° 21' 3" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Unidentified Cormorant	258		258	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	375		375	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	225		225	B	L	USFWS	6/26/1972	A	T	3	4
Unidentified Cormorant	180		180	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	150		150	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
Unidentified Cormorant	400		400	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
Unidentified Cormorant	X			O	L	Marshall/Glahn	5/14/1963	A	V	4	4
Common Murre	5,500		5,500	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	5,500		5,500	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	5,000		5,000	B	L	USFWS	7/12/1974	A	Y	3	4
Common Murre	5,200		5,200	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	6,500		6,500	B	L	USFWS	6/26/1972	A	Y	3	4
Common Murre	3,800		3,800	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	5,000		5,000	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	5,500		5,500	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	8,000		8,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4
Common Murre	6,800		6,800	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Common Murre	4,000		4,000	B	L	Marshall/Glahn	5/14/1963	A	Y	4	4

Area Map: 270 (Cape Blanco) **Colony Number: 270-117** **"Unnamed Colony"**
Site Number: 117 **Curry County** **42° 5' 29" N, 124° 20' 43" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	2	1		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Ledig	6/11/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Common Murre	2,206		1,321	B	1.67	Pitkin/Ledig	6/11/2004	AP	W	2	3
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pelagic Cormorant	10	5		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	46	23		N	2	Lowe/Pitkin	6/30/1994	B	W	1	2
Pelagic Cormorant	4	2		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	24	12		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
Brandt's Cormorant	10	5		N	2	Lowe/Pitkin	6/9/1999	B	W	1	2
West./Glaucous-winged Gull	2			B	L	Pitman/Varoujean	6/2/1979	B	W	3	1
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	7/12/1974	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
Common Murre	2,139		1,281	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Common Murre	1,897		1,136	B	1.67	Pitkin/Lowe	6/6/2002	AP	W	2	3
Common Murre	1,814		1,086	B	1.67	Pitkin/Lowe	6/7/2001	AP	W	2	3
Common Murre	1,867		1,118	B	1.67	Pitkin/Lowe	6/15/2000	AP	W	2	3
Common Murre	1,642		983	B	1.67	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	463		277	B	1.67	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	1735		1,039	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	2,123		1,271	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2
Common Murre	2,540		1,521	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	2,500		1,497	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	882		528	B	1.67	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	1,249		748	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	2,238		1,340	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2
Common Murre	2,767		1,657	B	1.67	Lowe/Naughton	6/11/1990	AP	W	2	2
Common Murre	3,203		1,918	B	1.67	Lowe/Naughton	6/7/1989	AP	W	2	2
Common Murre	3,023		1,810	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	3,257		1,950	B	1.67	Varoujean	7/11/1979	AP	W	2	1
Common Murre	2,500		2,500	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	1,500		1,500	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	0		0	B	L	USFWS	7/12/1974	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/29/1973	A	W	3	4
Common Murre	0		0	B	L	USFWS	6/26/1972	A	W	3	4
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1

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Area Map: 270 (Cape Blanco)
Site Number: 118

Colony Number: 270-118
Curry County

"Unnamed Colony"
42° 5' 25" N, 124° 20' 26" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	50	25		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Pitkin	6/30/1994	B	W	1	2
Pigeon Guillemot	1		1	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Black Oystercatcher	10		10	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Pelagic Cormorant	34	17		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	20	10		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
West./Glaucous-winged Gull	6	3		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
West./Glaucous-winged Gull	6	3		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
Pigeon Guillemot	35		35	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pigeon Guillemot	25		25	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1
Black Oystercatcher	4		4	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2

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Area Map: 270 (Cape Blanco)
Site Number: 119

Colony Number: 270-119
Curry County

Rainbow Island
42° 5' 6" N, 124° 20' 14" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Double-crested Cormorant	2	1		N	2	Pitkin/Wells	6/29/2003	B	W	2	3
Pelagic Cormorant	28	14		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	60	30		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pigeon Guillemot	5		5	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	2	1		N	2	Pitkin/Wells	6/29/2003	B	W	2	3
Pelagic Cormorant	32	16		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	20	10		N	2	Lowe/Pitkin	6/30/1994	B	W	2	2
Pelagic Cormorant	38	19		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	24	12		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	6/30/1994	B	X	4	2
West./Glaucous-winged Gull	38	19		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
Pigeon Guillemot	13		13	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1
Black Oystercatcher	5		5	B	L	Lowe/Pitkin	6/30/1994	B	W	2	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-120** **"Unnamed Colony"**
Site Number: 120 **Curry County** **42° 5' 5" N, 124° 19' 55" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	4	2		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Pitkin	6/30/1994	B	W	1	2
Pigeon Guillemot	10		10	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitkin/Wells	6/29/2003	B	W	3	3
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	6	3		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	6/30/1994	B	W	2	2
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2

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Area Map: 270 (Cape Blanco) **Colony Number: 270-121** **White Rock**
Site Number: 121 **Curry County** **42° 4' 42" N, 124° 20' 20" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	2	1		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Unidentified Cormorant	10		10	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	10		10	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	6		6	B	L	USFWS	6/26/1972	A	T	3	4
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	18	9		N	2	Lowe/Pitkin	6/30/1994	B	W	1	2
Pelagic Cormorant	14	7		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
West./Glaucous-winged Gull	2	1		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	7/12/1974	A	W	1	4
West./Glaucous-winged Gull	25		25	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
Pigeon Guillemot	4		4	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1

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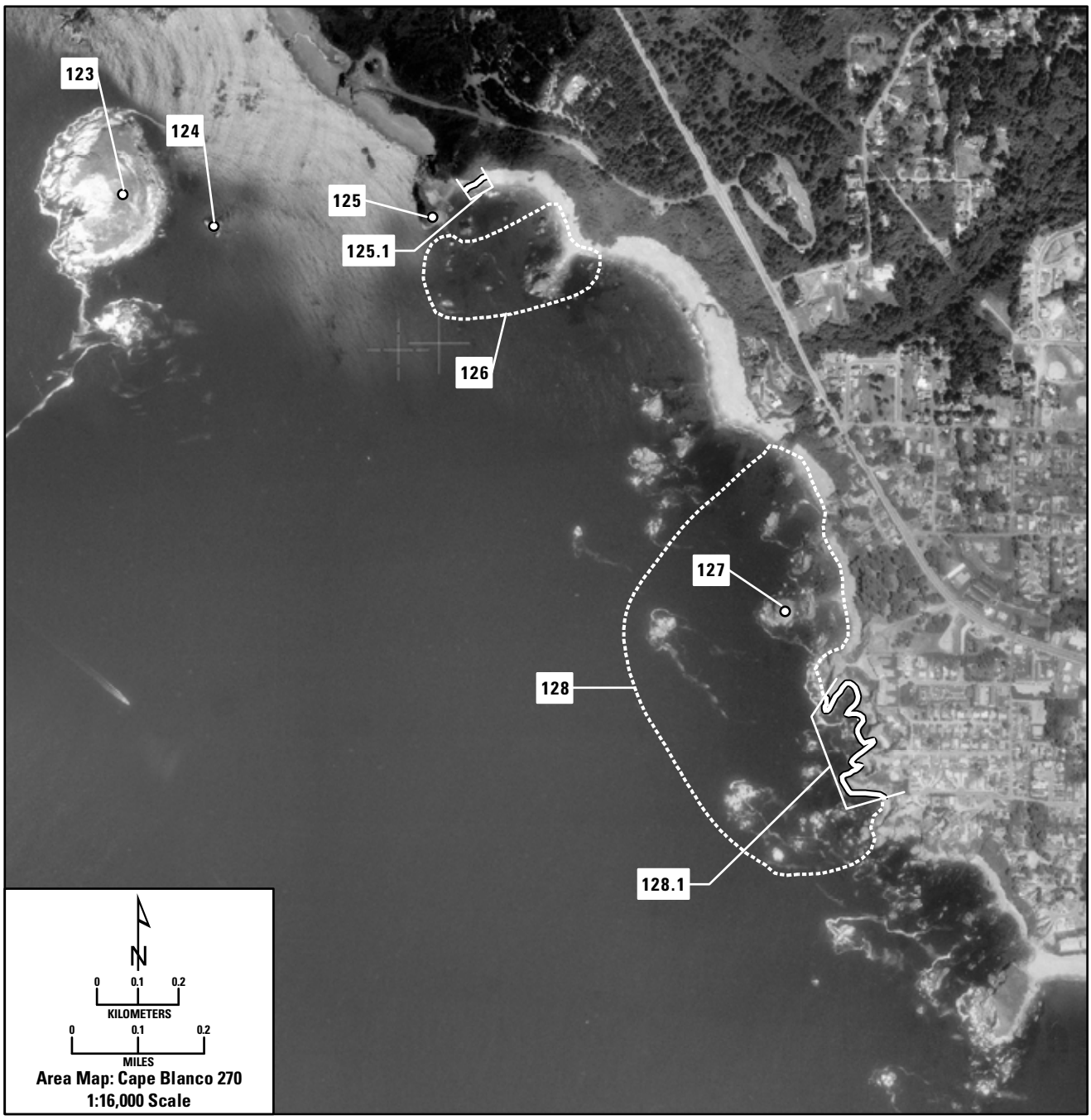
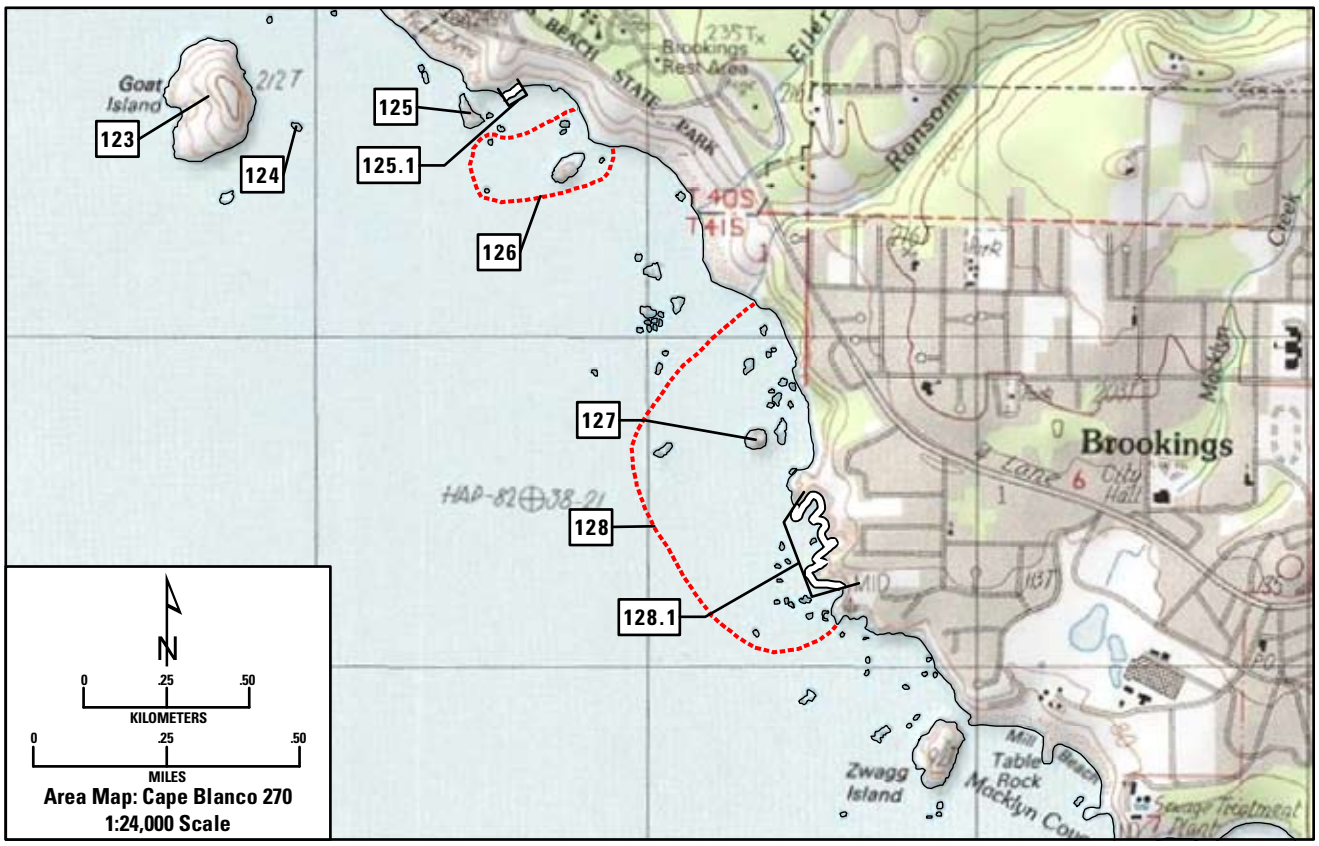
Area Map: 270 (Cape Blanco) **Colony Number: 270-122** **"Unnamed Colony"**
Site Number: 122 **Curry County** **42° 4' 49" N, 124° 19' 39" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	12	6		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Common Murre	1,197		717	B	1.67	Pitkin/Ledig	6/11/2004	AP	W	2	3
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	6	2	6	B	L	Lowe/Pitkin	6/30/1994	B	W	2	2
Pelagic Cormorant	2	1		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
West./Glaucous-winged Gull	X			U	L	Lowe/Pitkin	6/30/1994	B	X	4	2
West./Glaucous-winged Gull	4	2		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
West./Glaucous-winged Gull	30		30	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/29/1973	A	W	1	4
West./Glaucous-winged Gull	0	0	0	B	L	USFWS	6/26/1972	A	W	1	4
Common Murre	962		576	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Common Murre	1,107		663	B	1.67	Pitkin/Lowe	6/6/2002	AP	W	2	3
Common Murre	1,000		610	B	1.67	Pitkin/Lowe	6/7/2001	AP	W	2	3
Common Murre	1,004		601	B	1.67	Pitkin/Lowe	6/15/2000	AP	W	2	3
Common Murre	720		431	B	1.67	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	220		132	B	1.67	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	643		385	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	852		510	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2
Common Murre	1,032		618	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	1,171		701	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	372		223	B	1.67	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	792		474	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	962		576	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2
Common Murre	1,283		768	B	1.67	Lowe/Naughton	6/11/1990	AP	W	2	2
Common Murre	1,129		676	B	1.67	Lowe/Naughton	6/7/1989	AP	W	2	2
Common Murre	1,369		820	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	960		575	B	1.67	Varoujean	7/11/1979	AP	W	2	1
Common Murre	0		0	B	L	USFWS	June/1976	A	W	3	4
Common Murre	300		300	B	L	USFWS	6/28/1975	A	T	3	4
Common Murre	600		600	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	1,500		1,500	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	1,200		1,200	B	L	USFWS	6/26/1972	A	Y	3	4
Pigeon Guillemot	8		8	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2

Map on page 387



Area Map: Cape Blanco 270
1:16,000 Scale



Goat Island (270-123) June 15, 2000 *David S. Pitkin*

Area Map: 270 (Cape Blanco) **Colony Number: 270-123** **Goat Island**
Site Number: 123 **Curry County** **42° 3' 57" N, 124° 19' 21" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	102,060	51,030		N	S	Lowe/Matthews	7/20/1988	C	S	3	2
Fork-tailed Storm-Petrel	X			U	L	Lowe/Matthews	7/20/1988	C	X	4	2
Pelagic Cormorant	336	168		N	2	Pitkin/Ledig	7/15/2004	B	W	2	3
Brandt's Cormorant	762	381		N	2	Pitkin/Ledig	6/11/2004	AP	W	1	3
West./Glaucous-winged Gull	1,324	662		N	2	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	608		364	B	1.67	Pitkin/Ledig	6/11/2004	AP	W	2	3
Pigeon Guillemot	32		32	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Cassin's Auklet	20			B	L	Pitman/Graybill	5/23/1979	C	W	3	1
Rhinoceros Auklet	300			B	L	Lowe/Matthews	7/20/1988	C	Y	3	2
Tufted Puffin	120		120	B	L	Lowe/Anderson/Boone	6/14/1988	B	Y	3	2
Black Oystercatcher	4	2	4	N	2	Lowe/Pitkin	6/30/1994	B	W	2	2
Leach's Storm-Petrel	116,000			N	S	Pitman/Varoujean	6/29/1979	C	S	3	1
Leach's Storm-Petrel	X			O	L	Hoffman et al.	7/2/1973	M	X	4	32
Leach's Storm-Petrel	535,800			N	S	English/Browning	5/14/1966	C	S	4	5
Leach's Storm-Petrel	X			O	L	English/Browning	3/25/1966	C	X	4	5
Fork-tailed Storm-Petrel	X			U	L	Pitman/Varoujean	6/29/1979	C	X	4	1
Fork-tailed Storm-Petrel	X			U	L	Zeillemaker et al.	7/2/1973	M	X	4	31
Unidentified Cormorant	230		230	B	L	USFWS	7/12/1974	A	T	3	4
Unidentified Cormorant	65		65	B	L	USFWS	6/29/1973	A	T	3	4
Unidentified Cormorant	180		180	B	L	Glahn	6/18/1970	A	T	3	4
Unidentified Cormorant	100		100	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Pelagic Cormorant	170	85		N	2	Pitkin/Wells	6/29/2003	B	W	2	3
Pelagic Cormorant	296	148		N	2	Lowe/Pitkin	6/30/1994	B	W	1	2
Pelagic Cormorant	196	98		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	78	39		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
Pelagic Cormorant	10		10	B	L	English/Browning	5/14/1966	C	W	4	5
Brandt's Cormorant	562	281		N	2	Pitkin/Lowe	6/10/2003	AP	W	1	3
Brandt's Cormorant	598	299		N	2	Pitkin/Papish	6/6/2002	AP	W	1	3
Brandt's Cormorant	520	260		N	2	Pitkin/Lowe	6/7/2001	AP	W	1	3
Brandt's Cormorant	464	232		N	2	Pitkin/Lowe	6/15/2000	AP	W	1	3
Brandt's Cormorant	326	163		N	2	Lowe/Pitkin	6/9/1999	AP	W	1	2
Brandt's Cormorant	292	146		N	2	Lowe/Pitkin	6/9/1998	AP	W	1	2
Brandt's Cormorant	480	240		N	2	Lowe/Pitkin	6/10/1997	AP	W	1	2
Brandt's Cormorant	440	220		N	2	Lowe/Pitkin	6/5/1996	AP	W	1	2
Brandt's Cormorant	540	270		N	2	Lowe/Pitkin	6/8/1995	AP	W	1	2
Brandt's Cormorant	610	305		N	2	Lowe/Pitkin	6/8/1994	AP	W	1	2
Brandt's Cormorant	478	239		N	2	Lowe/Pitkin	6/8/1993	AP	W	2	2
Brandt's Cormorant	502	251		N	2	Lowe/Dee	6/4/1992	AP	W	1	2
Brandt's Cormorant	646	323		N	2	Lowe/Naughton	6/4/1991	AP	W	1	2

Colony 270-123 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Brandt's Cormorant	314	157		N	2	Lowe/Naughton	6/11/1990	AP	W	1	2
Brandt's Cormorant	332	166		N	2	Lowe/Naughton	6/7/1989	AP	W	1	2
Brandt's Cormorant	400	200		N	2	Lowe/Anderson	6/3/1988	AP	W	1	2
Brandt's Cormorant	108	54		N	2	Varoujean	7/11/1979	AP	W	2	1
Brandt's Cormorant	38	19	48	N	2	English/Browning	5/14/1966	C	W	4	5
West./Glaucous-winged Gull	750	375		N	2	Varoujean	4/19/1979	AP	W	3	1
West./Glaucous-winged Gull	575		575	B	L	USFWS	7/12/1974	A	T	3	4
West./Glaucous-winged Gull	1,120		1,120	B	L	USFWS	6/29/1973	A	T	3	4
West./Glaucous-winged Gull	750		750	B	L	USFWS	6/26/1972	A	T	3	4
West./Glaucous-winged Gull	650		650	B	L	Glahn	6/18/1970	A	T	3	4
West./Glaucous-winged Gull	2,500		2,500	B	L	Rodgers/Glahn	6/21/1968	A	T	3	4
West./Glaucous-winged Gull	400		400	B	L	Rodgers/Glahn	6/27/1967	A	T	3	4
West./Glaucous-winged Gull	2,500		2,500	B	L	Marshall/Glahn	6/24/1966	A	T	3	4
West./Glaucous-winged Gull	600	234		B	L	English/Browning	5/14/1966	C	U	4	5
West./Glaucous-winged Gull	200		200	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Common Murre	1,394		835	B	1.67	Pitkin/Lowe	6/10/2003	AP	W	2	3
Common Murre	1,278		765	B	1.67	Pitkin/Lowe	6/6/2002	AP	W	2	3
Common Murre	1,571		941	B	1.67	Pitkin/Lowe	6/7/2001	AP	W	2	3
Common Murre	2,403		1,439	B	1.67	Pitkin/Lowe	6/15/2000	AP	W	2	3
Common Murre	2,654		1,589	B	1.67	Lowe/Pitkin	6/9/1999	AP	W	2	2
Common Murre	45		27	B	1.67	Lowe/Pitkin	6/9/1998	AP	W	2	2
Common Murre	3,026		1,812	B	1.67	Lowe/Pitkin	6/10/1997	AP	W	2	2
Common Murre	3,444		2,062	B	1.67	Lowe/Pitkin	6/5/1996	AP	W	2	2
Common Murre	4,860		2,910	B	1.67	Lowe/Pitkin	6/8/1995	AP	W	2	2
Common Murre	4,734		2,835	B	1.67	Lowe/Pitkin	6/8/1994	AP	W	2	2
Common Murre	1,533		918	B	1.67	Lowe/Pitkin	6/8/1993	AP	W	2	2
Common Murre	3,706		2,219	B	1.67	Lowe/Dee	6/4/1992	AP	W	2	2
Common Murre	4,315		2,584	B	1.67	Lowe/Naughton	6/4/1991	AP	W	2	2
Common Murre	4,957		2,968	B	1.67	Lowe/Naughton	6/11/1990	AP	W	2	2
Common Murre	4,836		2,896	B	1.67	Lowe/Naughton	6/7/1989	AP	W	2	2
Common Murre	4,798		2,873	B	1.67	Lowe/Anderson	6/3/1988	AP	W	2	2
Common Murre	3,090		1,850	B	1.67	Varoujean	7/11/1979	AP	W	3	1
Common Murre	1,300		1,300	B	L	USFWS	June/1976	A	Y	3	4
Common Murre	3,000		3,000	B	L	USFWS	6/28/1975	A	Y	3	4
Common Murre	800		800	B	L	USFWS	7/12/1974	A	T	3	4
Common Murre	1,800		1,800	B	L	USFWS	6/29/1973	A	Y	3	4
Common Murre	2,500		2,500	B	L	Glahn	6/18/1970	A	Y	3	4
Common Murre	1,800		1,800	B	L	Rodgers/Glahn	6/21/1968	A	Y	3	4
Common Murre	1,200		1,200	B	L	Rodgers/Glahn	6/27/1967	A	Y	3	4
Common Murre	1,000		1,000	B	L	Marshall/Glahn	6/24/1966	A	Y	3	4

Colony 270-123 (cont.)

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Common Murre	620		620	B	L	English/Browning	5/14/1966	C	W	4	5
Common Murre	1,000		1,000	B	L	Marshall/Glahn	7/10/1964	A	T	3	4
Pigeon Guillemot	91		91	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pigeon Guillemot	82		82	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1
Pigeon Guillemot	150		150	B	L	Hoffman et al.	7/2/1973	M	Y	4	32
Pigeon Guillemot	72		72	B	L	English/Browning	5/14/1966	C	W	4	5
Cassin's Auklet	0	0	0	U	L	Lowe/Matthews	7/20/1988	C	W	1	2
Cassin's Auklet	0		6	B	L	Jobanek	6/12/1976	M	W	4	34
Cassin's Auklet	50	25		N	2	English/Browning	5/14/1966	C	W	3	5
Cassin's Auklet	X			O	L	English/Browning	3/25/1966	C	X	4	5
Cassin's Auklet	X			O	L	Thoresen	1958	M	X	4	16
Rhinoceros Auklet	100			U	L	Pitman/Varoujean	6/29/1979	C	Y	4	1
Rhinoceros Auklet	100			U	L	Pitman/Graybill	5/23/1979	C	Y	4	1
Rhinoceros Auklet	30		30	B	L	Zeillemaker et al.	7/3/1973	M	T	4	31
Rhinoceros Auklet	X			O	L	English/Browning	3/25/1966	C	X	4	5
Tufted Puffin	400			B	L	Pitman/Graybill	5/23/1979	C	Y	4	1
Tufted Puffin	80		80	B	L	Hoffman et al.	7/2/1973	M	T	4	32
Tufted Puffin	10		10	B	L	USFWS	6/26/1972	A	T	4	4
Tufted Puffin	150	75		N	S	English/Browning	3/25/1966	C	S	3	5
Black Oystercatcher	3		3	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	2		2	B	L	Pitman/Graybill/Varoujean	5/23/1979	B	W	3	1
Black Oystercatcher	2		2	B	L	Jobanek	6/12/1976	M	W	4	34
Black Oystercatcher	2	1		N	2	English/Browning	5/14/1966	C	W	4	5
Black Oystercatcher	2		2	B	L	English	5/23/1965	M	W	4	5

Map on page 395

Area Map: 270 (Cape Blanco) **Colony Number: 270-124** **"Unnamed Colony"**
Site Number: 124 **Curry County** **42° 3' 54" N, 124° 19' 10" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
Brandt's Cormorant	0	0		N	L	Pitkin/Lowe	6/10/2003	AP	W	1	3
West./Glaucous-winged Gull	8	4		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	32	16		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Brandt's Cormorant	2	1		N	2	Pitman/Graybill	5/23/1979	B	W	1	1
West./Glaucous-winged Gull	X			O	L	Lowe/Pitkin	6/30/1994	B	X	4	2
West./Glaucous-winged Gull	8	4		N	2	Pitman/Graybill	5/23/1979	B	W	1	1
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2

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Area Map: 270 (Cape Blanco) **Colony Number: 270-125** **"Unnamed Colony"**
Site Number: 125 **Curry County** **42° 3' 55" N, 124° 18' 47" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	62	31		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Pelagic Cormorant	98	49		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	26	13		N	2	Lowe/Pitkin	6/30/1994	B	W	1	2
Pelagic Cormorant	52	26		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	56	28		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
Pigeon Guillemot	5		5	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pigeon Guillemot	3		3	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1

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Area Map: 270 (Cape Blanco) **Colony Number: 270-125.1** **"Unnamed Colony"**
Site Number: 125.1 **Curry County** **42° 3' 58" N, 124° 18' 41" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	6	3		N	2	Pitkin/Ledig	7/15/2004	B	W	1	3
Pigeon Guillemot	7		7	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Pelagic Cormorant	18	9		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	10	5		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pigeon Guillemot	20		20	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2

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Area Map: 270 (Cape Blanco) **Colony Number: 270-126** **"Unnamed Colony"**
Site Number: 126 **Curry County** **42° 3' 51" N, 124° 18' 37" W**

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Leach's Storm-Petrel	20	10		N	2	Lowe	7/14/1988	C	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
West./Glaucous-winged Gull	2		2	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Black Oystercatcher	1		1	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	2	1		N	2	Lowe/Pitkin	6/30/1994	B	W	1	2
Pelagic Cormorant	12	6		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	8	4		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
Pigeon Guillemot	6		6	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1
Black Oystercatcher	3		3	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2

Map on page 395

Area Map: 270 (Cape Blanco)
Site Number: 127

Colony Number: 270-127
Curry County

"Unnamed Colony"
42° 3' 24" N, 124° 18' 9" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Ledig	7/15/2004	B	W	1	3
Pigeon Guillemot	2		2	B	L	Lowe/Pitkin	6/30/1994	B	W	3	2
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B	W	1	3
Pelagic Cormorant	18	9		N	2	Lowe/Pitkin	6/30/1994	B	W	1	2
Pelagic Cormorant	6	3		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	34	17		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
Pigeon Guillemot	2		2	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pigeon Guillemot	3		3	B	L	Pitman/Varoujean	6/2/1979	B	W	3	1

Map on page 395

Area Map: 270 (Cape Blanco)
Site Number: 128

Colony Number: 270-128
Curry County

"Unnamed Colony"
42° 3' 20" N, 124° 18' 10" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	0	0		N	L	Pitkin/Wells	6/29/2003	B,M	W	1	3
West./Glaucous-winged Gull	4	2		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Black Oystercatcher	2	1	2	N	2	Lowe/Pitkin	6/30/1994	B	W	1	2
Pelagic Cormorant	22	11		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2
Pelagic Cormorant	16	8		N	2	Pitman/Varoujean	6/2/1979	B	W	1	1
Black Oystercatcher	3		3	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2

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Area Map: 270 (Cape Blanco)
Site Number: 128.1

Colony Number: 270-128.1
Curry County

"Unnamed Colony"
42° 3' 14" N, 124° 17' 59" W

Species	Est. # Breeding Birds	# of Nests	Actual Bird Count	W	Cnv	Observers	Date	Surv. Type/Qual ST	T	Q	Ref
Pelagic Cormorant	12	6		N	2	Pitkin/Wells	6/29/2003	B	W	1	3
Pigeon Guillemot	4		4	B	L	Lowe/Anderson/Matthews	6/14/1988	B	W	3	2
Pelagic Cormorant	42	21		N	2	Lowe/Pitkin	6/30/1994	B	W	1	2
Pelagic Cormorant	20	10		N	2	Lowe/Anderson/Matthews	6/14/1988	B	W	1	2

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Appendix A. List of People that Conducted Surveys Included in this Catalog

Contributor	*Year(s)*
Adkins, Jessica Y.	2004
Andresen, C. Andy	1958
Anderson, Jon D.	1987 - 1988
Anderson, Scott K.	2000 - 2001
Annear, John T.	1974 - 1980
Atkinson, James B.	1987 - 1991
Bell, Douglas A.	1989
Boggs, Robert M.	1964
Boggs, Elsie	1964
Boone, Daniel L.	1988
Bottorff, Jim A.	1991
Braly, John C.	1929 - 1934
Bretherton, Bernard J.	1900 - 1901
Brown, Robin F.	1988 - 1989
Browning, M. Ralph	1960 - 1967
Buckley, Paul A.	1972
Castelein, Kathy A.	2000
Chuck, Rebecca G.	2004 - 2004
Clark, Alan C.	1990 - 1991
Clevenger, Katie	1992
Clifford, Carleton M.	1967
Collier, Edward D.	1994
Cornely, John E.	1980 - 1986
Collis, Kenneth D.	1996 - 2004
Crabtree, Thomas J.	1978
Craig, David P.	1997 - 1999
Crowell, John B.	1975
Cutress, Charles E.	1940 - 1949
Davis, Jay	1993
Dee, Arthur	1992
English, William W.	1965 - 1967
Faxon, Darrel	1978
Fereday, Jamie S.	1979
Ferris, Reed W.	1930 - 1939

Contributor	*Year(s)*
Finley, William L.	1901, 1903
Fischer, Karen N.	2002 - 2004
Fix, David	1977
Forsman, Eric D.	1969
Gard, Hal A.	1989
Glahn, Raymond E.	1963 - 1971
Goff, Mary L.	1990
Grafe, Dawn H.	2001
Graybill, Michael R.	1977 - 1988
Griffee, William E.	1932 - 1976
Hansen, Andrew	1988
Harrison, Ed N.	1940
Heaney, Jim	2003
Heimgartner, Terry L.	1992
Herman, Steve G.	1977
Hodder, Jan	1973 - 2004
Hoffman, Wayne	1972 - 1975
Hood, Valeri	1976
Jacobs, Judy	1990
Jaques, Deborah L.	2000
Jewett, Stanley G.	1914 - 1940
Jobanek, George A.	1976
Kerr, Andy	1988
Koehler, Anson V.	2002
Kubat, Urban G.	1949 - 1958
LaNue, Lee	1989
Ledig, David B.	2004
Love, Becky	1976
Lowe, Roy W.	1987 - 2004
Lowe, Travis W.	1994 - 1996
Lyons, Don E.	1999 - 2004
Manuwal, David A.	1977
Marocchini, Anne M.	1991
Marshall, David B.	1963 - 1966

Contributor	*Year(s)*
Matthews, Daniel R.	1979 - 1988
McCamant, Thomas	1963 - 1969
Mercer, Dacey M.	2004
Miller, Patrick J.	1991
Morrissey, Nancy A.	1992
Myers, Anne M.	2002 - 2003
Naughton, Maura B.	1988 - 1991
Nehls, Harry B.	1966 - 1970
Nelson, S. Kim	1989
Nelson, Eric T.	2001
Noack, Michael P.	1991
Novak, David	1982
Ouellette, Thomas	1974
Papish, Ramiel	2002
Payne, Don	1961
Peters, Sue K.	2004
Pitkin, David S.	1993 - 2004
Pitman, Robert L.	1979 - 1981
Prill, Albert G.	1900 - 1938
Radtke, Rainer	1981
Riemer, Susan D.	1991 - 1992

Contributor	*Year(s)*
Roberts, Craig	1979
Roby, Daniel D.	1996 - 2004
Rodgers, Richard S.	1967 - 1969
Rudy, Paul P.	1979
Scott, J. Michael	1969 - 1979
Shaffer, Patrice M.	1978
Smith, Darwin	1975
Smith, Jeff	2004
Strong, Craig S.	2000 - 2003
Sumner, E. Lowell	1941
Suzuki, Yasuko	2004
Taft, Michael R.	2004
Thoresen, Asa C.	1958
Thounhurst, Kim	1989 - 1990
Tibbitts, Lee	1980
Varoujean, Daniel H.	1977 - 1981
Walker, Alex	1929 - 1969
Wells, Matt S.	2003
Zeillemaker, C. Fred	1970 - 1973
Zeringue, Louise M.	1991

Appendix B. Lists of Active Colonies by Species

Lists of active colonies for each species with the most recent or most representative estimates of colony size

Fork-tailed Storm-Petrel

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-021	Haystack Rock	5/10/1988	Probable
219-054	Three Arch Rocks (Finley Rock)	6/6/1988	Breeding
219-055	Three Arch Rocks (Middle Rock)	6/6/1988	Probable
219-056	Three Arch Rocks (Shag Rock)	6/12/1979	Breeding
219-064	Haystack Rock	5/11/1988	Probable
		North Coast Subtotal	***Breeding***
		North Central Coast Subtotal	***0***
		South Central Coast Subtotal	***0***
270-049	Island Rock	6/28/1988	Probable
270-071	Hunters Island	7/19/1988	Breeding
270-076	"North Crook Point Rock"	6/15/1988	Probable
270-079	Saddle Rock	8/1/1988	Breeding
270-108	Whaleshead Island	7/13/1988	Breeding
270-109	"Whaleshead Cove" (East Rock)	8/3/1988	Probable
270-110	"Whaleshead Cove" (West Rock)	8/3/1988	Probable
270-123	Goat Island	7/20/1988	Breeding
		South Coast Subtotal	***Breeding***
		OREGON COAST TOTAL	**Hundreds**

Leach's Storm-Petrel

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-021	Haystack Rock	5/10/1988	Probable
219-053	"Unnamed Colony"	8/17/1988	12
219-053.1	"Unnamed Colony"	8/17/1988	104
219-054	Three Arch Rocks (Finley Rock)	6/6/1988	Breeding
219-055	Three Arch Rocks (Middle Rock)	6/6/1988	Probable
219-052C	Three Arch Rocks Complex	6/12/1979	25,000
219-064	Haystack Rock	6/26/1979	1,000
		North Coast Subtotal	***26,116***
243-029	"Blast Rock"	7/25/1979	12
243-030	"Parrot Rock"	6/27/1979	100
		North Central Coast Subtotal	***112***
270-018	"Elephant Rock"	3/18/1967	200
270-020.1	"Grave Point Rock"	6/23/1988	32
		South Central Coast Subtotal	***232***
270-049	Island Rock	7/3/1979	300
270-071	Hunters Island	7/19/1988	39,480
270-073	"Unnamed Colony"	6/24/1988	400
270-074	"Myers Creek Rocks"	7/1/1988	120
270-076	"North Crook Point Rock"	6/15/1988	99,090
270-079	Saddle Rock	8/1/1988	87,520
270-081	"Unnamed Colony"	6/15/1988	40
270-106	"Unnamed Colony"	8/3/1988	44,736
270-108	Whaleshead Island	7/13/1988	300
270-109	"Whaleshead Cove" (East Rock)	8/3/1988	73,268
270-110	"Whaleshead Cove" (West Rock)	8/3/1988	8,016
270-123	Goat Island	7/20/1988	102,060
270-126	"Unnamed Colony"	7/14/1988	20
		South Coast Subtotal	***455,350***
		OREGON COAST TOTAL	**481,810**

Double-crested Cormorant

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
195-002	East Sand Island	5/17/2004	24,960
195-003	"Desdemona Sands Pilings"	6/2/1997	260
195-004	Rice Island	6/16/2003	422
195-005	"Miller Sands Channel Markers"	6/23/2003	344
		Columbia River Estuary Subtotal	***25,986***
219-038	"Unnamed Colony"	6/9/2003	438
219-054	Three Arch Rocks (Finley Rock)	6/9/2003	718
219-055	Three Arch Rocks (Middle Rock)	7/15/2003	0
219-056	Three Arch Rocks (Shag Rock)	7/15/2003	0
219-063	"Unnamed Colony"	7/15/2003	206
219-064	Haystack Rock	6/9/2003	214
		North Coast Subtotal	***1,576***
243-021.1	"Yaquina Bay Bridge"	7/15/2004	2
243-021.8	"Unnamed Colony"	7/23/2003	0
243-029	"Blast Rock"	6/10/2003	100
243-030	"Parrot Rock"	6/10/2003	4
		North Central Coast Subtotal	***106***
270-000.1	"Siuslaw River Trees"	7/22/2003	150
270-000.2	Bolon Island	7/22/2003	652
270-000.3	"Unnamed Colony"	7/22/2003	326
270-000.4	"Unnamed Colony"	6/10/2003	290
270-000.5	"Unnamed Colony"	7/22/2003	228
270-004.2	"Unnamed Colony"	6/10/2003	32
270-006	Qochyax (Squaw) Island	6/10/2003	214
270-014	Table Rock	6/10/2003	4
270-016	"Middle Coquille Point Rock"	6/10/2003	0
270-018	"Elephant Rock"	7/7/2003	2
		South Central Coast Subtotal	***1,898***
270-024	Castle Rock	6/10/2003	282
270-057	Sisters Rocks (Island)	6/10/2003	80
270-071	Hunters Island	6/10/2003	394
270-075	"Unnamed Colony"	6/10/2003	2
270-076	"North Crook Point Rock"	6/10/2003	16
270-080	"Unnamed Colony"	6/10/2003	28
270-083	"Unnamed Colony"	6/10/2003	16
270-085	"Unnamed Colony"	6/10/2003	0
270-102	"Unnamed Colony"	6/10/2003	0
270-109	"Whaleshead Cove" (East Rock)	6/10/2003	0

Double-crested Cormorant (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-110	"Whaleshead Cove" (West Rock)	6/10/2003	34
270-119	Rainbow Island	6/29/2003	2
		South Coast Subtotal	***854***
		OREGON COAST TOTAL	**30,420**

Brandt's Cormorant

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
195-002	East Sand Island	6/18/2003	194
	Columbia River Estuary Subtotal		***194***
219-001	"Tillamook Head Rocks" (Eastern Rocks)	6/9/2003	10
219-002	"Tillamook Head Rocks" (Northern Rock)	6/9/2003	302
219-003	"Tillamook Head Rocks" (Southwestern Rocks)	6/9/2003	18
219-004	"Tillamook Head Point"	6/9/2003	0
219-005	Tillamook Rock	6/9/2003	32
219-006	"Bald Mountain Rock"	6/12/2004	32
219-007	"Bald Mountain Headland"	6/12/2004	302
219-009	Submarine Rock	6/9/2003	0
219-010	"Unnamed Colony"	6/12/2004	0
219-012	"Ecola Point Rocks"	6/9/2003	874
219-013	Sea Lion Rock	6/12/2004	32
219-014	"Unnamed Colony"	6/12/2004	0
219-016	"Unnamed Colony"	6/9/2003	36
219-017	Bird Rocks (Northern)	6/9/2003	430
219-018	Bird Rocks (Western)	6/9/2003	536
219-019	Bird Rocks (South Central)	6/12/2004	84
219-026	Castle Rock	6/12/2004	1,220
219-027	Gull Rock	6/9/2003	742
219-029	"Cape Falcon North"	6/9/2003	0
219-030	"Cape Falcon Rock"	6/9/2003	0
219-031	"Cape Falcon Point"	6/9/2003	0
219-036	"Unnamed Colony"	6/9/2003	0
219-038	"Unnamed Colony"	6/9/2003	92
219-038.1	"Unnamed Colony"	6/9/2003	74
219-039	"Unnamed Colony"	6/9/2003	158
219-042	Twin Rocks (North)	6/9/2003	110
219-043	Twin Rocks (South)	6/9/2003	214
219-044	Pyramid Rock	6/12/2004	280
219-047	"Unnamed Colony"	6/9/2003	108
219-048	"Unnamed Colony"	6/9/2003	244
219-054	Three Arch Rocks (Finley Rock)	6/9/2003	94
219-055	Three Arch Rocks (Middle Rock)	6/9/2003	276
219-056	Three Arch Rocks (Shag Rock)	6/9/2003	624
219-057	Seal Rock	6/9/2003	0
219-059	"Unnamed Colony"	6/12/2004	0
219-060	"Brown Rock"	6/12/2004	564
219-061	"Unnamed Colony"	7/15/2003	26

Brandt's Cormorant (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-062	"Unnamed Colony"	6/12/2004	0
219-063	"Unnamed Colony"	7/15/2003	452
219-064	Haystack Rock	6/9/2003	948
219-066.1	"Unnamed Colony"	6/9/2003	0
219-067	"Harts Cove North"	6/9/2003	0
219-068	"Center Point"	6/9/2003	0
219-069	"Unnamed Colony"	6/9/2003	0
219-070	"Unnamed Colony"	6/9/2003	0
219-071	"Unnamed Colony"	6/9/2003	0
219-072	"Two Arches Rock"	6/9/2003	0
219-073	"Unnamed Colony"	6/9/2003	0
219-075	Three Rocks (North)	6/9/2003	138
219-077	Three Rocks (South)	6/9/2003	38
		North Coast Subtotal	***9,090***
243-010	Gull Rock	6/12/2004	522
243-012	"Unnamed Colony"	7/17/2003	8
243-013	"Unnamed Colony"	6/9/2003	0
243-014	"Unnamed Colony"	6/9/2003	0
243-015	"Colony Rock"	6/12/2004	1,172
243-016	"Unnamed Colony"	6/12/2004	238
243-017	"Flat Top Rock"	6/12/2004	512
243-018	"Lion's Head Rock"	6/12/2004	170
243-019	"Seal Rock"	6/9/2003	0
243-020	"Unnamed Colony"	6/9/2003	0
243-021.1	"Yaquina Bay Bridge"	7/15/2004	22
243-025.3	"Heceta Head North"	6/10/2003	250
243-026	"Unnamed Colony"	6/10/2003	0
243-027	Heceta Head	6/10/2003	672
243-028	Conical Rock	6/10/2003	4
243-028.1	"Heceta Head South"	6/10/2003	262
243-029	"Blast Rock"	6/10/2003	580
243-030	"Parrot Rock"	6/10/2003	64
243-031	Devils Elbow	6/10/2003	0
243-032	"Unnamed Colony"	6/10/2003	0
243-033	"Sea Lion Caves Headlands"	6/10/2003	1,474
243-034	"Unnamed Colony"	6/10/2003	10
243-035	Cox Rock	6/10/2003	0
243-036	"Cox Rock Mainland"	7/8/2003	14
		North Central Coast Subtotal	***5,974***

Brandt's Cormorant (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-004	Chiefs Island	6/10/2003	510
270-005	"Unnamed Colony"	6/10/2003	194
270-014	Table Rock	6/10/2003	0
270-014.1	"Unnamed Colony"	6/10/2003	0
270-015	"North Coquille Point Rock"	6/10/2003	846
270-016	"Middle Coquille Point Rock"	6/11/2004	810
270-017	"Unnamed Colony"	6/11/2004	0
270-018	"Elephant Rock"	6/10/2003	0
270-019	Cat and Kittens Rock	6/10/2003	496
270-020	Face Rock	6/10/2003	220
		South Central Coast Subtotal	***3,076***
270-022.1	"Unnamed Colony"	6/10/2003	18
270-027	Gull Rock	6/10/2003	258
270-029	Best Rock	6/10/2003	522
270-032	Square White Rock	6/10/2003	0
270-034	Conical White Rock	6/11/2004	0
270-036	Arch Rock	6/10/2003	130
270-043	Redfish Rocks (Northern)	6/11/2004	12
270-044	Redfish Rocks (Northwestern)	6/11/2004	4
270-045	Redfish Rocks (East Central)	6/10/2003	18
270-046	Redfish Rocks (West Central)	6/10/2003	18
270-048	"Unnamed Colony"	6/10/2003	0
270-049	Island Rock	6/10/2003	488
270-053	"Unnamed Colony"	6/10/2003	0
270-054	"Unnamed Colony"	6/10/2003	0
270-063	"Hubbard Mound Rock"	6/10/2003	256
270-064	"Dog Rock"	6/10/2003	0
270-067	Double Rock	6/10/2003	0
270-068	Needle Rock	6/11/2004	208
270-069	Pyramid Rock	6/10/2003	0
270-071	Hunters Island	6/10/2003	8
270-075	"Unnamed Colony"	6/10/2003	14
270-085	"Unnamed Colony"	6/11/2004	8
270-086	"Unnamed Colony"	6/11/2004	0
270-089	Yellow Rock	6/10/2003	108
270-094	"Unnamed Colony"	6/10/2003	0
270-095	"Deer Point Rocks"	6/10/2003	0
270-099	"Unnamed Colony"	6/10/2003	0
270-102	"Unnamed Colony"	6/10/2003	0

Brandt's Cormorant (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-103	"Unnamed Colony"	6/10/2003	66
270-114	House Rock	6/10/2003	4
270-115	Twin Rocks (East)	6/10/2003	4
270-116	Twin Rocks (West)	6/11/2004	0
270-117	"Unnamed Colony"	6/11/2004	0
270-123	Goat Island	6/11/2004	762
270-124	"Unnamed Colony"	6/10/2003	0
		South Coast Subtotal	***2,906***
		OREGON COAST TOTAL	**21,240**

Pelagic Cormorant

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
195-007	Astoria-Megler Bridge	6/26/2003	284
		Columbia River Estuary Subtotal	***284***
219-000.1	"Tillamook Head North Point"	7/16/2003	0
219-001	"Tillamook Head Rocks" (Eastern Rocks)	7/16/2003	0
219-004	"Tillamook Head Point"	7/16/2003	0
219-006	"Bald Mountain Rock"	7/16/2003	0
219-007.1	"Unnamed Colony"	7/16/2003	0
219-008	Indian Point	7/16/2003	88
219-010	"Unnamed Colony"	7/16/2003	14
219-011	"Unnamed Colony"	7/16/2003	2
219-012	"Ecola Point Rocks"	7/16/2003	4
219-013	Sea Lion Rock	7/16/2003	0
219-014	"Unnamed Colony"	7/16/2003	2
219-021	Haystack Rock	7/16/2003	224
219-022	The Needles (Northeast)	7/16/2003	8
219-023	The Needles (Southwest)	7/16/2003	28
219-025	Jockey Cap	6/9/2003	122
219-031	"Cape Falcon Point"	7/16/2003	0
219-032	"Cape Falcon South"	7/16/2003	0
219-033	"Smuggler Cove Headland"	7/16/2003	4
219-033.1	"Unnamed Colony"	7/16/2003	0
219-035	Devils Cauldron	7/16/2003	0
219-037	"Unnamed Colony"	7/16/2003	28
219-038	"Unnamed Colony"	7/16/2003	0
219-039	"Unnamed Colony"	6/9/2003	30
219-040	"Unnamed Colony"	6/9/2003	10
219-041	"Unnamed Colony"	7/16/2003	92
219-042	Twin Rocks (North)	7/16/2003	2
219-043	Twin Rocks (South)	7/16/2003	8
219-044	Pyramid Rock	7/15/2003	0
219-045	Pillar Rock	7/15/2003	6
219-046	"Cape Meares North"	7/15/2003	0
219-047	"Unnamed Colony"	7/15/2003	12
219-049	"Unnamed Colony"	7/15/2003	12
219-050	"Unnamed Colony"	7/15/2003	26
219-051	"Unnamed Colony"	7/15/2003	178
219-051.2	"Unnamed Colony"	7/15/2003	14
219-052	"Unnamed Colony"	6/9/2003	76

Pelagic Cormorant (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-052.1	"Unnamed Colony"	7/15/2003	2
219-053	"Unnamed Colony"	7/15/2003	14
219-054	Three Arch Rocks (Finley Rock)	7/15/2003	92
219-055	Three Arch Rocks (Middle Rock)	7/15/2003	68
219-056	Three Arch Rocks (Shag Rock)	7/15/2003	34
219-059	"Unnamed Colony"	7/15/2003	0
219-060	"Brown Rock"	7/15/2003	2
219-061	"Unnamed Colony"	7/15/2003	0
219-062	"Unnamed Colony"	7/15/2003	0
219-063	"Unnamed Colony"	7/15/2003	56
219-064	Haystack Rock	7/15/2003	598
219-064.2	"Unnamed Colony"	7/15/2003	110
219-064.3	"Unnamed Colony"	7/15/2003	0
219-065.1	"Unnamed Colony"	7/15/2003	60
219-066	"Unnamed Colony"	7/15/2003	86
219-067	"Harts Cove North"	7/15/2003	0
219-067.1	"Harts Cove South"	7/15/2003	0
219-067.3	"Unnamed Colony"	7/15/2003	0
219-068	"Center Point"	7/15/2003	20
219-072	"Two Arches Rock"	7/15/2003	0
219-073	"Unnamed Colony"	7/15/2003	24
219-074	"Cascade Head South"	7/15/2003	0
219-075	Three Rocks (North)	7/15/2003	16
219-078	"Unnamed Colony"	7/15/2003	0
219-079	"Unnamed Colony"	7/15/2003	0
219-079.1	"Unnamed Colony"	7/15/2003	0
219-081	"Unnamed Colony"	7/15/2003	0
219-081.1	"Unnamed Colony"	7/15/2003	0
		North Coast Subtotal	***2,172***
243-000.1	Boiler Bay	7/15/2003	0
243-000.3	"Pirate Cove Rock"	7/8/2004	2
243-000.4	Pirate Cove	7/8/2004	4
243-000.5	"Depoe Bay North"	7/13/2004	10
243-001	"Depoe Bay Bridge"	7/8/2004	0
243-001.1	"Depoe Bay South"	7/15/2003	2
243-002	"Whale Cove Rocks" (North)	7/13/2004	4
243-004	"Rocky Creek Cove"	7/13/2004	4
243-006	"Unnamed Colony"	7/13/2004	26

Pelagic Cormorant (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
243-007	Otter Crest Headland	7/13/2004	958
243-008	"Unnamed Colony"	7/13/2004	0
243-009	"Unnamed Colony"	7/17/2003	0
243-009.1	"Unnamed Colony"	7/17/2003	0
243-010	Gull Rock	7/13/2004	0
243-011	"Unnamed Colony"	7/12/2004	186
243-012	"Unnamed Colony"	7/12/2004	10
243-013	"Unnamed Colony"	7/12/2004	16
243-014	"Unnamed Colony"	7/8/2004	8
243-015	"Colony Rock"	7/8/2004	16
243-016	"Unnamed Colony"	7/12/2004	268
243-016.1	"Unnamed Colony"	7/8/2004	156
243-017	"Flat Top Rock"	7/17/2003	0
243-018	"Lion's Head Rock"	7/8/2004	2
243-020	"Unnamed Colony"	7/17/2003	0
243-021	"Unnamed Colony"	7/12/2004	212
243-021.1	"Yaquina Bay Bridge"	7/22/2004	260
243-022	"Elephant Rock"	6/23/2003	82
243-024.4	"Alsea Bay Bridge"	8/1/2003	94
243-025	Cape Perpetua	6/10/2003	6
243-025.1	Gwynn Knoll	6/25/2003	0
243-025.3	"Heceta Head North"	6/10/2003	134
243-027	Heceta Head	7/8/2003	116
243-028	Conical Rock	7/8/2003	0
243-031	Devils Elbow	7/8/2003	0
243-032	"Unnamed Colony"	7/8/2003	0
243-033	"Sea Lion Caves Headlands"	7/8/2003	38
243-034	"Unnamed Colony"	7/8/2003	0
243-035	Cox Rock	7/8/2003	0
243-036	"Cox Rock Mainland"	7/8/2003	4
		North Central Coast Subtotal	***2,618***
270-002	Coos Head	7/8/2003	118
270-004	Chiefs Island	7/8/2003	58
270-004.2	"Unnamed Colony"	7/8/2003	8
270-005	"Unnamed Colony"	7/8/2003	20
270-006	Qochyax (Squaw) Island	7/8/2003	26
270-006.1	"Sunset Bay North"	7/8/2003	46
270-008	"OIMB Cormorant Colony"	6/25/2004	96

Pelagic Cormorant (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-008.1	"Unnamed Colony"	7/8/2003	0
270-008.2	"Shore Acres"	7/8/2003	4
270-009	Shell Island	7/8/2003	56
270-009.1	"Unnamed Colony"	7/8/2003	0
270-009.2	"Unnamed Colony"	7/8/2003	132
270-009.3	"Unnamed Colony"	7/8/2003	4
270-010	"Unnamed Colony"	7/8/2003	0
270-011	"Unnamed Colony"	7/8/2003	54
270-012	"Unnamed Colony"	7/8/2003	344
270-013	"Unnamed Colony"	7/7/2003	0
270-014	Table Rock	7/7/2003	126
270-015	"North Coquille Point Rock"	7/7/2003	64
270-016	"Middle Coquille Point Rock"	7/7/2003	36
270-017	"Unnamed Colony"	7/7/2003	4
270-018	"Elephant Rock"	7/7/2003	54
270-019	Cat and Kittens Rock	7/7/2003	34
270-019.1	"Unnamed Colony"	7/7/2003	0
270-020	Face Rock	7/14/2004	16
270-021	Haystack Rock	7/7/2003	96
		South Central Coast Subtotal	***1,396***
270-022	"Blacklock Point Rocks"	7/14/2004	40
270-023	Tower Rock	7/14/2004	146
270-024	Castle Rock	7/7/2003	336
270-026	"Unnamed Colony"	7/14/2004	4
270-027	Gull Rock	7/7/2003	42
270-027.1	"Unnamed Colony"	7/7/2003	14
270-027.2	"Cape Blanco North"	7/7/2003	2
270-027.3	"Unnamed Colony"	7/7/2003	2
270-028	Needle Rock	7/7/2003	162
270-029	Best Rock	7/7/2003	42
270-030	Long Brown Rock	7/7/2003	2
270-031	"Unnamed Colony"	7/7/2003	36
270-032	Square White Rock	7/7/2003	68
270-034	Conical White Rock	7/14/2004	164
270-035	West Conical Rock	7/14/2004	116
270-036	Arch Rock	7/14/2004	132
270-037	Klooqueh Rock	7/7/2003	22
270-037.2	"Unnamed Colony"	7/7/2003	0

Pelagic Cormorant (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-039	Tichenor Rock	7/7/2003	30
270-040	"Hells Gate Finger"	7/7/2003	4
270-043	Redfish Rocks (Northern)	7/14/2004	50
270-044	Redfish Rocks (Northwestern)	7/14/2004	50
270-045	Redfish Rocks (East Central)	7/14/2004	162
270-049	Island Rock	7/7/2003	130
270-052	"Unnamed Colony"	7/7/2003	0
270-053	"Unnamed Colony"	7/7/2003	2
270-054	"Unnamed Colony"	7/7/2003	2
270-054.1	Lookout Rock	7/7/2003	0
270-055	Sisters Rocks (North Point)	7/7/2003	2
270-056	Sisters Rocks (South Point)	7/7/2003	2
270-057	Sisters Rocks (Island)	7/7/2003	52
270-058	"Unnamed Colony"	7/7/2003	0
270-058.1	"Unnamed Colony"	7/7/2003	30
270-059	Devils Backbone	7/7/2003	2
270-061	"Unnamed Colony"	7/7/2003	28
270-061.1	"Unnamed Colony"	7/7/2003	46
270-061.2	"Unnamed Colony"	7/7/2003	0
270-062	"Unnamed Colony"	7/7/2003	0
270-062.2	"Unnamed Colony"	7/7/2003	8
270-065	Hubbard Mound	7/7/2003	28
270-066	"Unnamed Colony"	7/7/2003	10
270-066.1	"Unnamed Colony"	7/7/2003	0
270-066.2	"Unnamed Colony"	7/7/2003	30
270-066.3	Otter Point	7/7/2003	0
270-067	Double Rock	7/7/2003	68
270-068	Needle Rock	7/7/2003	32
270-069	Pyramid Rock	7/14/2004	0
270-069.1	"Unnamed Colony"	6/29/2003	0
270-069.2	"Unnamed Colony"	7/15/2004	112
270-070	"Cape Sebastian North"	6/29/2003	36
270-071	Hunters Island	7/15/2004	160
270-072	Cave Rock	6/29/2003	0
270-074	"Myers Creek Rocks"	7/15/2004	2
270-075	"Unnamed Colony"	7/15/2004	60
270-076	"North Crook Point Rock"	7/15/2004	0
270-079	Saddle Rock	6/29/2003	0

Pelagic Cormorant (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-080	"Unnamed Colony"	7/15/2004	18
270-082	"Unnamed Colony"	7/15/2004	14
270-083	"Unnamed Colony"	7/15/2004	0
270-084	"Unnamed Colony"	7/15/2004	0
270-085	"Unnamed Colony"	7/15/2004	20
270-087	Mack Arch	7/15/2004	252
270-090	Arch Rock	7/15/2004	46
270-091	"Unnamed Colony"	7/15/2004	18
270-091.1	"Unnamed Colony"	7/15/2004	0
270-092	"Unnamed Colony"	7/15/2004	0
270-093	"Spruce Island"	7/15/2004	18
270-094	"Unnamed Colony"	7/15/2004	20
270-095	"Deer Point Rocks"	7/15/2004	16
270-096	"Unnamed Colony"	7/15/2004	2
270-097	"Unnamed Colony"	7/15/2004	26
270-098	"Unnamed Colony"	7/15/2004	0
270-099	"Unnamed Colony"	7/15/2004	6
270-100	"Unnamed Colony"	7/15/2004	34
270-100.1	"Unnamed Colony"	7/15/2004	0
270-100.2	"Unnamed Colony"	7/15/2004	0
270-101	"Unnamed Colony"	6/29/2003	10
270-103	"Unnamed Colony"	7/15/2004	36
270-104	"Unnamed Colony"	7/15/2004	0
270-105	"Unnamed Colony"	7/15/2004	22
270-105.1	"Unnamed Colony"	7/15/2004	6
270-106	"Unnamed Colony"	7/15/2004	18
270-107	"Unnamed Colony"	7/15/2004	0
270-108	Whaleshead Island	7/15/2004	0
270-109	"Whaleshead Cove" (East Rock)	7/15/2004	14
270-110	"Whaleshead Cove" (West Rock)	7/15/2004	10
270-111	"Unnamed Colony"	7/15/2004	0
270-112	"Unnamed Colony"	7/15/2004	0
270-114	House Rock	7/15/2004	2
270-115	Twin Rocks (East)	7/15/2004	84
270-116	Twin Rocks (West)	7/15/2004	0
270-117	"Unnamed Colony"	7/15/2004	2
270-118	"Unnamed Colony"	7/15/2004	50
270-119	Rainbow Island	7/15/2004	28
270-120	"Unnamed Colony"	7/15/2004	4

Pelagic Cormorant (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-121	White Rock	7/15/2004	0
270-122	"Unnamed Colony"	7/15/2004	0
270-123	Goat Island	7/15/2004	336
270-124	"Unnamed Colony"	7/15/2004	0
270-125	"Unnamed Colony"	7/15/2004	62
270-125.1	"Unnamed Colony"	7/15/2004	6
270-126	"Unnamed Colony"	7/15/2004	0
270-127	"Unnamed Colony"	7/15/2004	0
270-128	"Unnamed Colony"	6/29/2003	0
270-128.1	"Unnamed Colony"	6/29/2003	12
		South Coast Subtotal	***3,660***
		OREGON COAST TOTAL	**10,130**

Black Oystercatcher

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-005	Tillamook Rock	6/8/1988	1
219-007	"Bald Mountain Headland"	6/8/1988	1
219-008	Indian Point	6/8/1988	1
219-009	Submarine Rock	6/4/1988	2
219-010	"Unnamed Colony"	7/13/1993	1
219-012	"Ecola Point Rocks"	5/10/1988	3
219-014	"Unnamed Colony"	7/13/1993	1
219-015	"Unnamed Colony"	6/8/1988	1
219-020	Bird Rocks (Eastern)	7/1/1988	2
219-023	The Needles (Southwest)	7/13/1993	4
219-024	"Silver Point Rock"	7/7/1988	3
219-025	Jockey Cap	7/7/1988	2
219-026	Castle Rock	6/8/1988	1
219-026.1	"Arch Cape Rock"	7/7/1988	2
219-027	Gull Rock	6/4/1988	2
219-030	"Cape Falcon Rock"	7/13/1993	2
219-031	"Cape Falcon Point"	6/8/1988	2
219-033.1	"Unnamed Colony"	6/8/1988	3
219-034	"Unnamed Colony"	6/8/1988	1
219-035	Devils Cauldron	6/8/1988	2
219-036	"Unnamed Colony"	7/13/1993	2
219-038	"Unnamed Colony"	6/8/1988	1
219-040	"Unnamed Colony"	6/8/1988	1
219-042	Twin Rocks (North)	6/9/1997	2
219-043.1	Painted Rock	6/6/1988	2
219-043.2	"Three Sisters"	7/1/1992	2
219-044	Pyramid Rock	7/11/1991	1
219-045	Pillar Rock	7/20/1993	1
219-046	"Cape Meares North"	7/11/1991	2
219-047	"Unnamed Colony"	7/11/1991	2
219-048	"Unnamed Colony"	7/11/1989	2
219-049	"Unnamed Colony"	7/11/1991	2
219-050	"Unnamed Colony"	7/11/1989	4
219-051	"Unnamed Colony"	7/11/1991	1
219-051.2	"Unnamed Colony"	7/7/1988	2
219-051.3	"Unnamed Colony"	7/11/1991	2
219-052	"Unnamed Colony"	7/11/1991	1
219-053	"Unnamed Colony"	7/11/1991	2

Black Oystercatcher (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-053.1	"Unnamed Colony"	7/11/1991	2
219-054	Three Arch Rocks (Finley Rock)	6/6/1988	3
219-055	Three Arch Rocks (Middle Rock)	6/4/1988	2
219-056	Three Arch Rocks (Shag Rock)	6/6/1988	0
219-058	"Unnamed Colony"	7/11/1991	2
219-059	"Unnamed Colony"	7/11/1991	2
219-060	"Brown Rock"	7/11/1991	2
219-061	"Unnamed Colony"	7/20/1993	2
219-063	"Unnamed Colony"	5/11/1988	2
219-064	Haystack Rock	6/24/1991	6
219-064.2	"Unnamed Colony"	7/8/1988	1
219-065	"Unnamed Colony"	6/24/1991	2
219-065.1	"Unnamed Colony"	7/7/1988	1
219-067	"Harts Cove North"	6/24/1991	2
219-067.2	"Unnamed Colony"	6/30/1992	2
219-071	"Unnamed Colony"	6/24/1991	2
219-072	"Two Arches Rock"	6/24/1991	3
219-073.1	"Unnamed Colony"	6/30/1992	4
219-074	"Cascade Head South"	7/9/2000	2
219-075	Three Rocks (North)	6/30/1992	1
219-077	Three Rocks (South)	6/24/1991	2
219-078	"Unnamed Colony"	5/11/1988	2
219-079	"Unnamed Colony"	6/24/1991	1
219-079.1	"Unnamed Colony"	6/30/1992	5
219-081	"Unnamed Colony"	6/30/1992	1
219-081.1	"Unnamed Colony"	7/8/1988	1
		North Coast Subtotal	***124***
243-000.1	Boiler Bay	6/29/1995	2
243-000.2	"Thunder Shores"	7/25/1990	1
243-000.3	"Pirate Cove Rock"	6/30/1992	1
243-000.5	"Depoe Bay North"	6/23/1993	2
243-000.6	"Fogarty Creek South"	6/30/1992	2
243-001	"Depoe Bay Bridge"	7/21/2003	2
243-001.1	"Depoe Bay South"	7/8/1988	1
243-003	"Whale Cove Rocks" (South)	6/30/1992	2
243-003.1	Whale Cove	7/11/1988	2
243-006	"Unnamed Colony"	7/25/1990	3
243-007	Otter Crest Headland	6/30/1992	1

Black Oystercatcher (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
243-008	"Unnamed Colony"	6/29/1995	1
243-009.1	"Unnamed Colony"	7/26/1990	2
243-010	Gull Rock	7/13/2004	4
243-010.1	Devils Punch Bowl	7/25/1990	2
243-010.2	Otter Rock	6/21/1991	1
243-011	"Unnamed Colony"	7/2/1997	2
243-012	"Unnamed Colony"	7/19/2002	2
243-014	"Unnamed Colony"	7/3/1990	2
243-015	"Colony Rock"	6/22/1994	2
243-016	"Unnamed Colony"	6/30/1995	2
243-020	"Unnamed Colony"	7/2/1996	2
243-021	"Unnamed Colony"	7/3/1996	6
243-021.6	"Unnamed Colony"	5/18/1988	2
243-023	"Unnamed Colony"	5/18/1988	2
243-024	"Unnamed Colony"	7/17/1990	2
243-024.1	"Unnamed Colony"	7/14/1994	2
243-024.5	"Cleft-In-The-Rock"	6/5/1988	2
243-025	Cape Perpetua	6/5/1988	2
243-025.1	Gwynn Knoll	6/25/2003	4
243-025.4	Captain Cook Point	7/8/1993	2
243-025.5	Strawberry Hill	7/8/1993	2
243-026	"Unnamed Colony"	6/25/1991	2
243-027	Heceta Head	6/25/1991	2
243-028.1	"Heceta Head South"	6/20/1991	2
243-029	"Blast Rock"	7/14/1992	2
243-030	"Parrot Rock"	7/17/2003	2
243-031	Devils Elbow	6/25/1991	1
243-033	"Sea Lion Caves Headlands"	5/24/1988	2
243-035	Cox Rock	6/25/1991	2
243-036	"Cox Rock Mainland"	6/25/1991	1
		North Central Coast Subtotal	***83***
270-002	Coos Head	6/13/1988	6
270-004	Chiefs Island	7/21/1992	1
270-004.1	"Unnamed Colony"	7/21/1992	4
270-005	"Unnamed Colony"	6/13/1988	6
270-006	Qochyax (Squaw) Island	7/21/1992	3
270-008.2	"Shore Acres"	6/13/1988	2
270-013	"Unnamed Colony"	6/22/1989	2

Black Oystercatcher (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-014	Table Rock	6/27/1989	2
270-014.1	"Unnamed Colony"	6/27/1988	1
270-015	"North Coquille Point Rock"	6/27/1988	1
270-016	"Middle Coquille Point Rock"	6/27/1988	2
270-018	"Elephant Rock"	6/23/1988	4
270-019	Cat and Kittens Rock	6/27/1988	3
270-020	Face Rock	6/27/1988	1
270-020.1	"Grave Point Rock"	6/23/1988	1
270-021	Haystack Rock	6/27/1988	4
270-021.2	"Monkey Rock"	4/18/1991	3
		South Central Coast Subtotal	***46***
270-022	"Blacklock Point Rocks"	6/28/1988	1
270-023	Tower Rock	6/28/1988	2
270-023.1	"Unnamed Colony"	6/28/1988	1
270-024	Castle Rock	6/23/1988	2
270-027	Gull Rock	6/10/2003	2
270-027.1	"Unnamed Colony"	6/23/1988	1
270-027.3	"Unnamed Colony"	6/23/1988	1
270-027.4	"Cape Blanco Southwest"	6/23/1988	4
270-029	Best Rock	6/28/1988	2
270-030	Long Brown Rock	6/24/1994	1
270-037	Klooqueh Rock	6/28/1988	2
270-039	Tichenor Rock	6/28/1988	2
270-040.3	Nellies Point	6/28/1988	1
270-040.6	"Unnamed Colony"	6/28/1988	2
270-042	"Unnamed Colony"	6/28/1988	2
270-043	Redfish Rocks (Northern)	6/28/1988	2
270-044	Redfish Rocks (Northwestern)	6/28/1988	2
270-045	Redfish Rocks (East Central)	6/28/1988	1
270-047	Redfish Rocks (Southern)	7/7/2003	2
270-047.1	"Unnamed Colony"	6/28/1988	2
270-047.2	"Unnamed Colony"	6/28/1988	1
270-047.3	"Unnamed Colony"	6/16/1988	5
270-049	Island Rock	6/28/1988	1
270-051	"Unnamed Colony"	6/16/1988	1
270-054.1	Lookout Rock	6/16/1988	1
270-054.2	"Unnamed Colony"	6/16/1988	1
270-054.3	"Unnamed Colony"	6/16/1988	2

Black Oystercatcher (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-057	Sisters Rocks (Island)	6/16/1988	3
270-058	"Unnamed Colony"	6/16/1988	4
270-058.1	"Unnamed Colony"	7/7/2003	1
270-061	"Unnamed Colony"	6/16/1988	2
270-062	"Unnamed Colony"	6/16/1988	2
270-062.2	"Unnamed Colony"	7/7/2003	1
270-065	Hubbard Mound	7/7/1992	2
270-066.1	"Unnamed Colony"	7/7/1992	2
270-066.3	Otter Point	7/7/1992	2
270-067	Double Rock	7/26/1989	2
270-068	Needle Rock	6/16/1988	2
270-069	Pyramid Rock	6/16/1988	2
270-070.1	"Cape Sebastian South"	6/15/1988	2
270-071	Hunters Island	8/30/1989	3
270-072	Cave Rock	6/24/1988	2
270-073	"Unnamed Colony"	6/24/1988	2
270-074	"Myers Creek Rocks"	5/29/1990	3
270-074.1	"Unnamed Colony"	6/28/1993	2
270-077	"Unnamed Colony"	7/26/1989	2
270-080	"Unnamed Colony"	6/15/1988	1
270-083	"Unnamed Colony"	6/15/1988	6
270-083.1	"Unnamed Colony"	6/15/1988	2
270-085	"Unnamed Colony"	6/15/1988	2
270-086	"Unnamed Colony"	6/8/1994	2
270-087	Mack Arch	7/26/1989	2
270-087.1	"Unnamed Colony"	7/13/1988	8
270-088.1	"Unnamed Colony"	6/15/1988	1
270-089	Yellow Rock	6/15/1988	4
270-090	Arch Rock	6/15/1988	2
270-091	"Unnamed Colony"	6/18/1990	2
270-092	"Unnamed Colony"	6/28/1993	2
270-093	"Spruce Island"	6/15/1988	1
270-094	"Unnamed Colony"	6/15/1988	2
270-095	"Deer Point Rocks"	7/13/1988	1
270-096	"Unnamed Colony"	6/15/1988	4
270-097	"Unnamed Colony"	7/13/1988	2
270-098	"Unnamed Colony"	7/13/1988	1
270-098.1	"Unnamed Colony"	6/15/1988	3

Black Oystercatcher (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-099	"Unnamed Colony"	6/29/2003	4
270-100	"Unnamed Colony"	7/13/1988	4
270-100.1	"Unnamed Colony"	7/26/1989	2
270-102	"Unnamed Colony"	7/26/1989	6
270-103	"Unnamed Colony"	8/30/1989	4
270-103.1	"Unnamed Colony"	7/13/1988	1
270-103.2	"Unnamed Colony"	7/13/1988	4
270-104	"Unnamed Colony"	7/14/1988	2
270-105	"Unnamed Colony"	6/14/1988	2
270-105.1	"Unnamed Colony"	7/13/1988	8
270-106	"Unnamed Colony"	6/29/2003	3
270-108	Whaleshead Island	6/14/1988	2
270-109	"Whaleshead Cove" (East Rock)	6/14/1988	2
270-111	"Unnamed Colony"	6/14/1988	1
270-112	"Unnamed Colony"	6/14/1988	1
270-114.1	"Unnamed Colony"	6/14/1988	1
270-115	Twin Rocks (East)	6/30/1994	1
270-116	Twin Rocks (West)	6/30/1994	1
270-118	"Unnamed Colony"	6/30/1994	10
270-119	Rainbow Island	6/29/2003	2
270-120	"Unnamed Colony"	6/29/2003	2
270-121	White Rock	6/30/1994	2
270-122	"Unnamed Colony"	6/30/1994	6
270-123	Goat Island	6/30/1994	4
270-124	"Unnamed Colony"	6/14/1988	1
270-126	"Unnamed Colony"	6/30/1994	1
270-128	"Unnamed Colony"	6/30/1994	2
		South Coast Subtotal	***215***
		OREGON COAST TOTAL	**468**

Western/Glaucous-winged Gull

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
195-002	East Sand Island	5/21/2001	12,066
195-004	Rice Island	5/21/2001	2,449
195-006	"Miller Sands Spit"	5/21/2001	1,493
	Columbia River Estuary Subtotal		***16,008***
219-002	"Tillamook Head Rocks" (Northern Rock)	6/8/1988	12
219-003	"Tillamook Head Rocks" (Southwestern Rocks)	6/8/1988	4
219-004	"Tillamook Head Point"	6/8/1988	4
219-005	Tillamook Rock	6/10/1994	14
219-006	"Bald Mountain Rock"	6/8/1988	2
219-007	"Bald Mountain Headland"	6/8/1988	4
219-008	Indian Point	6/8/1988	2
219-009	Submarine Rock	6/4/1988	16
219-010	"Unnamed Colony"	6/8/1988	30
219-011	"Unnamed Colony"	6/8/1988	2
219-012	"Ecola Point Rocks"	6/8/1988	134
219-012.1	"Ecola Point Headland"	5/10/1988	16
219-013	Sea Lion Rock	6/8/1988	42
219-014	"Unnamed Colony"	7/13/1993	2
219-015	"Unnamed Colony"	6/8/1988	8
219-016	"Unnamed Colony"	5/10/1988	4
219-017	Bird Rocks (Northern)	6/8/1988	20
219-018	Bird Rocks (Western)	6/8/1988	22
219-019	Bird Rocks (South Central)	6/4/1988	10
219-020	Bird Rocks (Eastern)	6/4/1988	178
219-020.1	Chapman Point	7/2/1988	4
219-021	Haystack Rock	6/4/1988	1,081
219-022	The Needles (Northeast)	6/8/1988	38
219-023	The Needles (Southwest)	6/8/1988	60
219-024	"Silver Point Rock"	6/4/1988	52
219-025	Jockey Cap	6/4/1988	178
219-025.2	Lion Rock	7/23/1988	2
219-025.4	"Unnamed Colony"	6/8/1988	2
219-026	Castle Rock	6/8/1988	44
219-026.1	"Arch Cape Rock"	6/8/1988	2
219-027	Gull Rock	6/4/1988	82
219-028	"Unnamed Colony"	6/8/1988	2
219-030	"Cape Falcon Rock"	6/8/1988	2
219-031	"Cape Falcon Point"	6/8/1988	2

Western/Glaucous-winged Gull (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-032	"Cape Falcon South"	6/8/1988	2
219-033.1	"Unnamed Colony"	6/8/1988	14
219-035	Devils Cauldron	6/8/1988	40
219-036	"Unnamed Colony"	6/8/1988	4
219-038	"Unnamed Colony"	6/8/1988	88
219-041	"Unnamed Colony"	6/8/1988	18
219-042	Twin Rocks (North)	6/4/1988	22
219-043	Twin Rocks (South)	6/4/1988	40
219-043.1	Painted Rock	6/6/1988	30
219-043.2	"Three Sisters"	7/1/1992	24
219-043.4	"Unnamed Colony"	7/1/1992	2
219-044	Pyramid Rock	6/4/1988	16
219-045	Pillar Rock	6/4/1988	2
219-046	"Cape Meares North"	6/6/1988	6
219-047	"Unnamed Colony"	6/6/1988	70
219-048	"Unnamed Colony"	6/6/1988	32
219-049	"Unnamed Colony"	7/11/1989	2
219-050	"Unnamed Colony"	6/6/1988	8
219-051	"Unnamed Colony"	6/6/1988	30
219-051.2	"Unnamed Colony"	7/7/1988	2
219-051.3	"Unnamed Colony"	7/11/1991	2
219-052	"Unnamed Colony"	6/6/1988	10
219-053	"Unnamed Colony"	6/6/1988	16
219-053.1	"Unnamed Colony"	6/6/1988	12
219-054	Three Arch Rocks (Finley Rock)	6/4/1988	1,096
219-055	Three Arch Rocks (Middle Rock)	6/4/1988	138
219-056	Three Arch Rocks (Shag Rock)	6/4/1988	256
219-057	Seal Rock	6/4/1988	86
219-058	"Unnamed Colony"	6/6/1988	36
219-059	"Unnamed Colony"	6/4/1988	88
219-060	"Brown Rock"	6/4/1988	48
219-060.1	"Unnamed Colony"	6/6/1988	2
219-061	"Unnamed Colony"	6/6/1988	32
219-062	"Unnamed Colony"	6/6/1988	42
219-063	"Unnamed Colony"	5/11/1988	76
219-064	Haystack Rock	6/4/1988	2,286
219-064.2	"Unnamed Colony"	6/24/1991	8
219-065	"Unnamed Colony"	6/24/1991	2
219-066	"Unnamed Colony"	6/24/1991	2

Western/Glaucous-winged Gull (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-067	"Harts Cove North"	7/8/1988	18
219-067.2	"Unnamed Colony"	6/24/1991	4
219-068	"Center Point"	6/24/1991	10
219-069	"Unnamed Colony"	6/4/1988	14
219-070	"Unnamed Colony"	6/30/1992	Breeding
219-071	"Unnamed Colony"	6/24/1991	6
219-072	"Two Arches Rock"	6/24/1991	12
219-073	"Unnamed Colony"	6/24/1991	4
219-073.1	"Unnamed Colony"	6/30/1992	6
219-074	"Cascade Head South"	6/24/1991	4
219-075	Three Rocks (North)	7/8/1988	104
219-076	Three Rocks (Middle)	6/24/1991	4
219-077	Three Rocks (South)	7/8/1988	184
219-078	"Unnamed Colony"	5/11/1988	4
219-079	"Unnamed Colony"	7/8/1988	0
219-080	"Unnamed Colony"	6/30/1992	0
219-081	"Unnamed Colony"	6/24/1991	2
		North Coast Subtotal	***7,143***
243-000.1	Boiler Bay	6/30/1992	2
243-000.3	"Pirate Cove Rock"	5/5/1988	124
243-000.4	Pirate Cove	6/13/1991	2
243-000.5	"Depoe Bay North"	7/8/1988	4
243-001	"Depoe Bay Bridge"	7/8/2004	2
243-002	"Whale Cove Rocks" (North)	7/25/1990	2
243-003	"Whale Cove Rocks" (South)	7/25/1990	2
243-003.1	Whale Cove	7/11/1988	2
243-005	"Unnamed Colony"	6/21/1991	2
243-007	Otter Crest Headland	7/25/1990	6
243-008	"Unnamed Colony"	7/10/1989	38
243-009	"Unnamed Colony"	7/26/1990	2
243-009.1	"Unnamed Colony"	7/26/1990	2
243-010	Gull Rock	6/4/1988	72
243-010.1	Devils Punch Bowl	6/23/1993	2
243-010.2	Otter Rock	7/25/1990	2
243-011	"Unnamed Colony"	7/3/1996	0
243-012	"Unnamed Colony"	7/13/1999	0
243-013	"Unnamed Colony"	7/13/1999	2
243-014	"Unnamed Colony"	6/30/1995	2
243-015	"Colony Rock"	6/13/1991	32

Western/Glaucous-winged Gull (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
243-016	"Unnamed Colony"	6/3/1992	22
243-016.1	"Unnamed Colony"	7/6/1994	27
243-017	"Flat Top Rock"	6/22/1989	166
243-018	"Lion's Head Rock"	6/22/1989	42
243-019	"Seal Rock"	5/17/1988	10
243-020	"Unnamed Colony"	6/3/1992	36
243-021	"Unnamed Colony"	6/28/1995	2
243-021.1	"Yaquina Bay Bridge"	7/15/2004	22
243-021.2	"Newport Bay Front"	7/15/2004	36
243-021.3	"Hatfield Marine Science Center"	7/15/2004	10
243-021.7	"Unnamed Colony"	5/18/1988	4
243-022	"Elephant Rock"	6/26/1995	16
243-023	"Unnamed Colony"	5/18/1988	4
243-024	"Unnamed Colony"	5/18/1988	12
243-024.1	"Unnamed Colony"	7/14/1994	Breeding
243-024.4	"Alsea Bay Bridge"	8/1/2003	4
243-024.5	"Cleft-In-The-Rock"	7/2/1988	150
243-025	Cape Perpetua	6/5/1988	2
243-025.1	Gwynn Knoll	7/9/1988	2
243-025.3	"Heceta Head North"	7/6/1988	18
243-025.5	Strawberry Hill	7/8/1993	2
243-026	"Unnamed Colony"	6/4/1988	6
243-027	Heceta Head	7/6/1988	74
243-028	Conical Rock	6/4/1988	40
243-028.1	"Heceta Head South"	6/24/1988	132
243-029	"Blast Rock"	6/4/1988	94
243-030	"Parrot Rock"	6/4/1988	84
243-031	Devils Elbow	6/25/1991	4
243-033	"Sea Lion Caves Headlands"	6/4/1988	128
243-034	"Unnamed Colony"	6/4/1988	24
243-035	Cox Rock	6/25/1991	24
243-036	"Cox Rock Mainland"	6/20/1991	28
		North Central Coast Subtotal	***1,527***
270-002	Coos Head	7/21/1992	2
270-004	Chiefs Island	6/3/1988	292
270-004.1	"Unnamed Colony"	6/3/1988	22
270-005	"Unnamed Colony"	6/13/1988	8
270-006	Qochyax (Squaw) Island	6/13/1988	16
270-006.1	"Sunset Bay North"	6/13/1988	2

Western/Glaucous-winged Gull (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-008	"OIMB Cormorant Colony"	6/13/1988	2
270-008.1	"Unnamed Colony"	6/13/1988	2
270-008.3	"Unnamed Colony"	6/13/1988	2
270-009	Shell Island	6/13/1988	20
270-009.2	"Unnamed Colony"	7/21/1992	2
270-012	"Unnamed Colony"	6/13/1988	2
270-012.1	"Moore Mill Dock"	6/27/1988	2
270-012.2	"Moore Mill Warehouse"	6/27/1988	4
270-013	"Unnamed Colony"	6/22/1989	8
270-014	Table Rock	6/3/1988	494
270-014.1	"Unnamed Colony"	6/27/1988	6
270-015	"North Coquille Point Rock"	6/11/1990	2
270-016	"Middle Coquille Point Rock"	6/27/1988	218
270-017	"Unnamed Colony"	6/11/1990	4
270-018	"Elephant Rock"	6/27/1988	160
270-019	Cat and Kittens Rock	6/3/1988	28
270-019.1	"Unnamed Colony"	6/27/1989	2
270-020	Face Rock	6/3/1988	18
270-020.2	"Unnamed Colony"	6/27/1989	2
270-021	Haystack Rock	6/3/1988	610
270-021.2	"Monkey Rock"	6/3/1988	14
		South Central Coast Subtotal	***1,944***
270-023	Tower Rock	6/3/1988	10
270-024	Castle Rock	6/3/1988	6
270-026	"Unnamed Colony"	6/28/1988	2
270-027	Gull Rock	6/3/1988	186
270-027.5	"Unnamed Colony"	6/23/1988	2
270-029	Best Rock	6/3/1988	50
270-030	Long Brown Rock	6/28/1988	4
270-033	Seal Rock	6/28/1988	16
270-035	West Conical Rock	6/3/1988	6
270-036	Arch Rock	6/3/1988	32
270-037	Klooqueh Rock	6/28/1988	16
270-039	Tichenor Rock	6/28/1988	22
270-040.4	"Unnamed Colony"	6/27/1988	2
270-041	"Unnamed Colony"	6/28/1988	16
270-042	"Unnamed Colony"	6/28/1988	18
270-043	Redfish Rocks (Northern)	6/3/1988	2
270-044	Redfish Rocks (Northwestern)	6/3/1988	8

Western/Glaucous-winged Gull (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-045	Redfish Rocks (East Central)	6/3/1988	84
270-046	Redfish Rocks (West Central)	6/3/1988	4
270-047	Redfish Rocks (Southern)	6/3/1988	50
270-048	"Unnamed Colony"	6/28/1988	6
270-049	Island Rock	6/3/1988	1,538
270-057	Sisters Rocks (Island)	6/16/1988	68
270-059	Devils Backbone	6/16/1988	2
270-061	"Unnamed Colony"	6/16/1988	8
270-063	"Hubbard Mound Rock"	6/16/1988	4
270-064	"Dog Rock"	6/16/1988	16
270-066.1	"Unnamed Colony"	7/7/1992	2
270-066.2	"Unnamed Colony"	6/16/1988	2
270-066.3	Otter Point	7/1/1988	2
270-067	Double Rock	6/16/1988	2
270-068	Needle Rock	6/3/1988	46
270-069	Pyramid Rock	6/16/1988	2
270-069.2	"Unnamed Colony"	7/19/1988	2
270-071	Hunters Island	6/3/1988	880
270-072	Cave Rock	6/24/1988	58
270-073	"Unnamed Colony"	6/24/1988	2
270-074	"Myers Creek Rocks"	5/29/1990	32
270-075	"Unnamed Colony"	6/15/1988	6
270-076	"North Crook Point Rock"	6/3/1988	180
270-079	Saddle Rock	6/15/1988	204
270-080	"Unnamed Colony"	6/3/1988	48
270-083	"Unnamed Colony"	6/3/1988	14
270-083.1	"Unnamed Colony"	6/15/1988	10
270-085	"Unnamed Colony"	6/3/1988	2
270-087	Mack Arch	6/3/1988	22
270-088.1	"Unnamed Colony"	6/15/1988	4
270-089	Yellow Rock	6/3/1988	66
270-090	Arch Rock	6/28/1993	2
270-091	"Unnamed Colony"	6/15/1988	28
270-093	"Spruce Island"	6/15/1988	2
270-094	"Unnamed Colony"	6/15/1988	26
270-095	"Deer Point Rocks"	6/3/1988	8
270-096	"Unnamed Colony"	6/15/1988	6
270-097	"Unnamed Colony"	6/15/1988	2
270-099	"Unnamed Colony"	7/13/1988	2

Western/Glaucous-winged Gull (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-100	"Unnamed Colony"	7/7/1992	0
270-101	"Unnamed Colony"	6/15/1988	2
270-102	"Unnamed Colony"	6/15/1988	26
270-103	"Unnamed Colony"	6/3/1988	12
270-103.1	"Unnamed Colony"	7/13/1988	2
270-103.2	"Unnamed Colony"	6/15/1988	2
270-103.3	"Unnamed Colony"	7/14/1988	2
270-105	"Unnamed Colony"	6/14/1988	2
270-105.1	"Unnamed Colony"	6/14/1988	2
270-106	"Unnamed Colony"	8/3/1988	4
270-107	"Unnamed Colony"	6/14/1988	6
270-108	Whaleshead Island	6/14/1988	2
270-109	"Whaleshead Cove" (East Rock)	6/3/1988	100
270-110	"Whaleshead Cove" (West Rock)	6/3/1988	178
270-112	"Unnamed Colony"	6/14/1988	14
270-114	House Rock	6/3/1988	16
270-114.1	"Unnamed Colony"	6/14/1988	2
270-115	Twin Rocks (East)	6/14/1988	4
270-116	Twin Rocks (West)	6/14/1988	4
270-117	"Unnamed Colony"	6/3/1988	2
270-118	"Unnamed Colony"	6/30/1994	2
270-119	Rainbow Island	6/14/1988	60
270-120	"Unnamed Colony"	6/30/1994	4
270-121	White Rock	6/14/1988	2
270-122	"Unnamed Colony"	6/14/1988	12
270-123	Goat Island	6/3/1988	1,324
270-124	"Unnamed Colony"	6/14/1988	8
270-126	"Unnamed Colony"	6/30/1994	2
270-128	"Unnamed Colony"	6/14/1988	4
		South Coast Subtotal	***5,640***
		OREGON COAST TOTAL	**32,262**

Ring-billed Gull

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
195-002	East Sand Island	5/21/2001	400
		Columbia River Estuary Subtotal	***400***
		OREGON COAST TOTAL	**400**

Caspian Tern

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
195-002	East Sand Island	5/17/2004	19,004
195-004	Rice Island	5/17/2001	0
195-006	"Miller Sands Spit"	5/17/2001	0
		Columbia River Estuary Subtotal	***19,004***
		OREGON COAST TOTAL	**19,004**

Common Murre

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-001	“Tillamook Head Rocks” (Eastern Rocks)	6/4/1988	13
219-002	“Tillamook Head Rocks” (Northern Rock)	6/4/1996	179
219-003	“Tillamook Head Rocks” (Southwestern Rocks)	6/4/1996	199
219-005	Tillamook Rock	6/12/2004	423
219-007	“Bald Mountain Headland”	6/12/2004	5
219-010	“Unnamed Colony”	6/12/2004	2,462
219-012	“Ecola Point Rocks”	6/9/2003	291
219-013	Sea Lion Rock	6/12/2004	16,254
219-014	“Unnamed Colony”	6/12/2004	434
219-015	“Unnamed Colony”	6/3/2002	117
219-017	Bird Rocks (Northern)	6/12/2004	4,661
219-018	Bird Rocks (Western)	6/4/1988	32,148
219-019	Bird Rocks (South Central)	6/12/2004	12,819
219-026	Castle Rock	6/12/2004	299
219-027	Gull Rock	6/12/2004	2,911
219-029	“Cape Falcon North”	6/9/1997	127
219-030	“Cape Falcon Rock”	6/18/1996	122
219-036.1	“Unnamed Colony”	6/6/2001	X
219-043	Twin Rocks (South)	6/9/2003	215
219-044	Pyramid Rock	6/12/2004	80
219-045	Pillar Rock	6/12/2004	17,141
219-047	“Unnamed Colony”	7/15/2003	160
219-048	“Unnamed Colony”	6/9/2003	8
219-049	“Unnamed Colony”	7/15/2003	10
219-050	“Unnamed Colony”	7/15/2003	209
219-051	“Unnamed Colony”	7/15/2003	65
219-054	Three Arch Rocks (Finley Rock)	6/4/1988	42,825
219-055	Three Arch Rocks (Middle Rock)	6/4/1988	36,190
219-056	Three Arch Rocks (Shag Rock)	6/4/1988	120,500
219-059	“Unnamed Colony”	6/12/2004	4,584
219-060	“Brown Rock”	6/12/2004	6,234
219-061	“Unnamed Colony”	6/6/1988	272
219-062	“Unnamed Colony”	6/12/2004	40
219-063	“Unnamed Colony”	6/4/1988	13,412
219-064	Haystack Rock	6/9/2003	297
219-066.1	“Unnamed Colony”	7/9/2000	42
219-067	“Harts Cove North”	7/15/2003	242
219-068	“Center Point”	6/24/1991	84

Common Murre (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-070	"Unnamed Colony"	6/12/2004	701
219-075	Three Rocks (North)	7/9/2000	X
219-077	Three Rocks (South)	7/9/2000	X
		North Coast Subtotal	***316,795***
243-013	"Unnamed Colony"	7/13/1999	2
243-014	"Unnamed Colony"	7/13/1999	2
243-015	"Colony Rock"	6/12/2004	49,454
243-016	"Unnamed Colony"	6/12/2004	2,118
243-017	"Flat Top Rock"	6/12/2004	16,807
243-018	"Lion's Head Rock"	6/12/2004	1,358
243-019	"Seal Rock"	7/13/1999	73
243-020	"Unnamed Colony"	6/8/1998	5
243-025.3	"Heceta Head North"	6/10/2003	30
243-027	Heceta Head	6/10/2003	264
243-028	Conical Rock	6/10/2003	808
243-028.1	"Heceta Head South"	6/10/2003	1,106
243-030	"Parrot Rock"	6/10/2003	73
243-033	"Sea Lion Caves Headlands"	6/10/2003	28
		North Central Coast Subtotal	***72,128***
270-004	Chiefs Island	6/10/2003	179
270-005	"Unnamed Colony"	6/10/2003	3
270-015	"North Coquille Point Rock"	6/4/1992	10,755
270-016	"Middle Coquille Point Rock"	6/11/2004	235
270-017	"Unnamed Colony"	6/11/2004	8,260
270-019	Cat and Kittens Rock	6/4/1992	38,271
270-020	Face Rock	6/3/1988	5,341
		South Central Coast Subtotal	***63,044***
270-023	Tower Rock	6/3/1988	1,688
270-025	"Unnamed Colony"	6/28/1988	501
270-027	Gull Rock	6/3/1988	40,175
270-029	Best Rock	6/4/1992	23,360
270-032	Square White Rock	6/8/1994	8,285
270-034	Conical White Rock	6/11/2004	3,641
270-035	West Conical Rock	6/8/1994	1,540
270-036	Arch Rock	6/4/1992	149
270-043	Redfish Rocks (Northern)	6/11/2004	1,358
270-044	Redfish Rocks (Northwestern)	6/11/2004	930
270-045	Redfish Rocks (East Central)	6/3/1988	8,378
270-046	Redfish Rocks (West Central)	6/3/1988	2,958

Common Murre (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-047	Redfish Rocks (Southern)	6/3/1988	7,128
270-048	"Unnamed Colony"	6/3/1988	3,492
270-049	Island Rock	6/3/1988	21,485
270-063	"Hubbard Mound Rock"	6/3/1988	21,862
270-067	Double Rock	6/3/1988	867
270-068	Needle Rock	6/11/2004	4,486
270-085	"Unnamed Colony"	6/11/2004	600
270-086	"Unnamed Colony"	6/11/2004	720
270-087	Mack Arch	6/3/1988	23,111
270-110	"Whaleshead Cove" (West Rock)	6/3/1988	40,608
270-114	House Rock	6/14/1988	3
270-115	Twin Rocks (East)	6/3/1988	1,680
270-116	Twin Rocks (West)	6/11/2004	9,653
270-117	"Unnamed Colony"	6/11/2004	2,206
270-122	"Unnamed Colony"	6/11/2004	1,197
270-123	Goat Island	6/11/2004	608
		South Coast Subtotal	***232,669***
		OREGON TOTAL	**684,635**

Pigeon Guillemot

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
195-002	East Sand Island	6/1/2000	14
		Columbia River Estuary Subtotal	***14***
219-000.1	"Tillamook Head North Point"	6/8/1988	40
219-001	"Tillamook Head Rocks" (Eastern Rocks)	6/8/1988	17
219-002	"Tillamook Head Rocks" (Northern Rock)	6/8/1988	24
219-003	"Tillamook Head Rocks" (Southwestern Rocks)	6/8/1988	32
219-004	"Tillamook Head Point"	6/8/1988	16
219-005	Tillamook Rock	6/8/1988	4
219-006	"Bald Mountain Rock"	6/8/1988	12
219-007	"Bald Mountain Headland"	6/8/1988	17
219-007.1	"Unnamed Colony"	6/8/1988	5
219-008	Indian Point	6/8/1988	84
219-011	"Unnamed Colony"	6/8/1988	1
219-012	"Ecola Point Rocks"	6/8/1988	6
219-013	Sea Lion Rock	6/8/1988	2
219-014	"Unnamed Colony"	6/8/1988	1
219-015	"Unnamed Colony"	6/8/1988	3
219-017	Bird Rocks (Northern)	6/8/1988	2
219-018	Bird Rocks (Western)	6/8/1988	4
219-019	Bird Rocks (South Central)	6/8/1988	2
219-020.1	Chapman Point	7/1/1988	4
219-021	Haystack Rock	6/8/1988	10
219-022	The Needles (Northeast)	6/8/1988	2
219-023	The Needles (Southwest)	6/8/1988	3
219-024	"Silver Point Rock"	7/7/1988	4
219-025	Jockey Cap	7/7/1988	24
219-025.1	Arcadia Beach	7/23/1988	6
219-025.2	Lion Rock	7/23/1988	6
219-025.3	Hug Point	7/23/1988	9
219-026	Castle Rock	6/8/1988	4
219-026.1	"Arch Cape Rock"	6/8/1988	9
219-027	Gull Rock	7/13/1993	1
219-029	"Cape Falcon North"	6/8/1988	17
219-030	"Cape Falcon Rock"	6/8/1988	3
219-031	"Cape Falcon Point"	6/8/1988	37
219-032	"Cape Falcon South"	6/8/1988	1
219-033	"Smuggler Cove Headland"	6/8/1988	2
219-034	"Unnamed Colony"	6/8/1988	1
219-035	Devils Cauldron	6/8/1988	1

Pigeon Guillemot (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-038	"Unnamed Colony"	7/13/1993	4
219-041	"Unnamed Colony"	6/8/1988	3
219-042	Twin Rocks (North)	7/13/1989	2
219-043	Twin Rocks (South)	6/4/1988	10
219-043.2	"Three Sisters"	7/1/1992	12
219-043.3	"Green Hill Rock"	7/1/1992	3
219-043.4	"Unnamed Colony"	7/1/1992	20
219-044	Pyramid Rock	7/1/1992	7
219-045	Pillar Rock	7/1/1992	4
219-046	"Cape Meares North"	7/11/1991	40
219-047	"Unnamed Colony"	7/15/2003	2
219-048	"Unnamed Colony"	7/11/1991	1
219-049	"Unnamed Colony"	6/6/1988	2
219-050	"Unnamed Colony"	7/11/1991	16
219-051	"Unnamed Colony"	7/11/1991	54
219-051.1	"Unnamed Colony"	7/11/1991	16
219-051.2	"Unnamed Colony"	7/11/1991	26
219-051.3	"Unnamed Colony"	7/11/1991	2
219-052	"Unnamed Colony"	7/11/1991	1
219-053	"Unnamed Colony"	7/11/1991	2
219-054	Three Arch Rocks (Finley Rock)	6/6/1988	45
219-055	Three Arch Rocks (Middle Rock)	6/6/1988	3
219-056	Three Arch Rocks (Shag Rock)	6/6/1988	23
219-057	Seal Rock	6/6/1988	1
219-058	"Unnamed Colony"	7/11/1991	27
219-059	"Unnamed Colony"	7/11/1991	3
219-060	"Brown Rock"	7/11/1991	7
219-060.1	"Unnamed Colony"	7/11/1991	9
219-061	"Unnamed Colony"	7/11/1991	13
219-062	"Unnamed Colony"	7/11/1991	23
219-063	"Unnamed Colony"	7/11/1991	81
219-063.1	"Unnamed Colony"	7/28/1994	40
219-064	Haystack Rock	6/24/1991	46
219-064.2	"Unnamed Colony"	6/30/1992	43
219-064.3	"Unnamed Colony"	6/30/1992	20
219-065	"Unnamed Colony"	6/24/1991	36
219-065.1	"Unnamed Colony"	6/30/1992	75
219-066	"Unnamed Colony"	5/11/1988	16
219-067	"Harts Cove North"	6/30/1992	92
219-067.1	"Harts Cove South"	6/30/1992	9

Pigeon Guillemot (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-067.2	"Unnamed Colony"	7/12/1993	2
219-068	"Center Point"	6/30/1992	14
219-069	"Unnamed Colony"	7/12/1993	3
219-070	"Unnamed Colony"	7/12/1993	1
219-071	"Unnamed Colony"	6/24/1991	5
219-072	"Two Arches Rock"	6/30/1992	9
219-073	"Unnamed Colony"	6/30/1992	2
219-073.1	"Unnamed Colony"	6/30/1992	15
219-074	"Cascade Head South"	6/30/1992	60
219-075	Three Rocks (North)	6/30/1992	10
219-077	Three Rocks (South)	6/30/1992	13
219-078	"Unnamed Colony"	6/30/1992	3
219-079	"Unnamed Colony"	6/30/1992	9
219-080	"Unnamed Colony"	6/30/1992	0
219-081	"Unnamed Colony"	6/30/1992	45
219-081.1	"Unnamed Colony"	6/30/1992	31
		North Coast Subtotal	***1,477***
243-000.1	Boiler Bay	6/30/1992	24
243-000.2	"Thunder Shores"	7/25/1990	2
243-000.3	"Pirate Cove Rock"	7/8/1988	2
243-000.4	Pirate Cove	6/30/1992	36
243-000.5	"Depoe Bay North"	7/25/1990	16
243-000.6	"Fogarty Creek South"	6/30/1992	6
243-001	"Depoe Bay Bridge"	6/11/1990	29
243-001.1	"Depoe Bay South"	7/8/1988	16
243-002	"Whale Cove Rocks" (North)	7/25/1990	9
243-003	"Whale Cove Rocks" (South)	7/25/1990	6
243-003.1	Whale Cove	7/25/1990	15
243-004	"Rocky Creek Cove"	6/30/1992	3
243-005	"Unnamed Colony"	7/25/1990	2
243-006	"Unnamed Colony"	7/25/1990	6
243-007	Otter Crest Headland	7/13/2004	74
243-009.1	"Unnamed Colony"	7/26/1990	41
243-010	Gull Rock	6/29/1995	16
243-010.1	Devils Punch Bowl	7/25/1990	17
243-011	"Unnamed Colony"	7/3/1996	1
243-012	"Unnamed Colony"	7/13/1999	2
243-013	"Unnamed Colony"	6/3/1992	5
243-014	"Unnamed Colony"	6/13/1991	6
243-015	"Colony Rock"	6/3/1992	6

Pigeon Guillemot (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
243-016	"Unnamed Colony"	7/3/1996	41
243-016.1	"Unnamed Colony"	6/30/1995	2
243-017	"Flat Top Rock"	6/24/1992	2
243-018	"Lion's Head Rock"	5/17/1988	3
243-019	"Seal Rock"	5/17/1988	3
243-020	"Unnamed Colony"	7/2/1996	35
243-021	"Unnamed Colony"	7/8/1996	59
243-021.1	"Yaquina Bay Bridge"	7/22/2004	4
243-021.2	"Newport Bay Front"	7/15/2004	18
243-021.3	"Hatfield Marine Science Center"	7/15/2004	11
243-021.4	"Unnamed Colony"	7/11/1988	16
243-021.5	"Unnamed Colony"	7/11/1988	3
243-021.6	"Unnamed Colony"	7/17/1990	45
243-022	"Elephant Rock"	7/17/1990	5
243-022.1	"Unnamed Colony"	7/17/1990	12
243-023	"Unnamed Colony"	7/17/1990	3
243-024	"Unnamed Colony"	7/17/1990	3
243-024.1	"Unnamed Colony"	7/14/1994	6
243-024.2	"Unnamed Colony"	7/19/1991	20
243-024.3	"Unnamed Colony"	7/9/1988	3
243-024.4	"Alsea Bay Bridge"	7/14/1994	20
243-024.5	"Cleft-In-The-Rock"	1/1/1983	22
243-024.6	Big Stump Beach	7/14/1994	0
243-025	Cape Perpetua	7/19/1989	30
243-025.1	Gwynn Knoll	7/9/1988	1
243-025.2	"Unnamed Colony"	7/9/1988	14
243-025.3	"Heceta Head North"	6/4/1988	40
243-027	Heceta Head	6/25/1991	33
243-028	Conical Rock	5/21/1988	2
243-028.1	"Heceta Head South"	6/20/1991	8
243-029	"Blast Rock"	7/19/1993	2
243-030	"Parrot Rock"	6/25/1991	2
243-031	Devils Elbow	7/14/1992	21
243-032	"Unnamed Colony"	6/5/1988	7
243-033	"Sea Lion Caves Headlands"	5/21/1988	159
243-034	"Unnamed Colony"	6/24/1988	2
243-036	"Cox Rock Mainland"	6/25/1991	26
		North Central Coast Subtotal	***1,023***
270-001	Sitka Dock	7/24/1988	114
270-002	Coos Head	7/21/1992	48

Pigeon Guillemot (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-003	"Charleston Bridge"	6/30/1988	13
270-004	Chiefs Island	7/21/1992	72
270-004.1	"Unnamed Colony"	7/21/1992	34
270-005	"Unnamed Colony"	7/21/1992	7
270-006	Qochyax (Squaw) Island	7/21/1992	16
270-007	"Unnamed Colony"	7/21/1992	2
270-008	"OIMB Cormorant Colony"	7/21/1992	4
270-008.1	"Unnamed Colony"	6/13/1988	6
270-008.2	"Shore Acres"	7/21/1992	10
270-008.4	"Unnamed Colony"	7/18/1990	4
270-009.1	"Unnamed Colony"	6/13/1988	18
270-009.2	"Unnamed Colony"	7/21/1992	21
270-010	"Unnamed Colony"	6/13/1988	9
270-011	"Unnamed Colony"	7/21/1992	42
270-012	"Unnamed Colony"	7/21/1992	16
270-012.1	"Moore Mill Dock"	6/27/1988	2
270-012.2	"Moore Mill Warehouse"	6/27/1988	8
270-013	"Unnamed Colony"	6/22/1989	5
270-014	Table Rock	6/27/1989	10
270-014.1	"Unnamed Colony"	6/27/1988	2
270-015	"North Coquille Point Rock"	6/27/1988	17
270-016	"Middle Coquille Point Rock"	6/23/1988	26
270-016.1	Coquille Point	6/23/1988	2
270-018	"Elephant Rock"	6/23/1988	25
270-019	Cat and Kittens Rock	6/27/1988	67
270-019.1	"Unnamed Colony"	6/27/1989	2
270-020	Face Rock	6/27/1989	14
270-020.1	"Grave Point Rock"	6/27/1989	6
270-021	Haystack Rock	4/18/1991	69
270-021.1	"Unnamed Colony"	7/13/1988	2
270-021.2	"Monkey Rock"	7/13/1988	2
		South Central Coast Subtotal	***695***
270-022	"Blacklock Point Rocks"	6/28/1988	4
270-023	Tower Rock	6/28/1988	9
270-024	Castle Rock	6/23/1988	40
270-026	"Unnamed Colony"	6/28/1988	3
270-027	Gull Rock	6/28/1988	38
270-027.1	"Unnamed Colony"	6/23/1988	2
270-027.4	"Cape Blanco Southwest"	6/23/1988	2
270-027.5	"Unnamed Colony"	6/23/1988	2

Pigeon Guillemot (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-029	Best Rock	6/28/1988	31
270-030	Long Brown Rock	6/24/1994	35
270-031	"Unnamed Colony"	6/28/1988	3
270-032	Square White Rock	6/24/1994	3
270-034	Conical White Rock	6/24/1994	2
270-035	West Conical Rock	6/28/1988	15
270-036	Arch Rock	6/24/1994	8
270-037	Klooqueh Rock	6/28/1988	6
270-037.1	"Unnamed Colony"	6/28/1988	16
270-037.2	"Unnamed Colony"	6/28/1988	8
270-039	Tichenor Rock	6/28/1988	4
270-040	"Hells Gate Finger"	6/28/1988	7
270-040.1	"Unnamed Colony"	6/28/1988	5
270-040.2	"Nellies Cove Rocks"	6/28/1988	7
270-040.3	Nellies Point	6/28/1988	4
270-040.5	Battle Rock	6/27/1988	17
270-040.6	"Unnamed Colony"	6/28/1988	1
270-041	"Unnamed Colony"	6/24/1988	2
270-042	"Unnamed Colony"	6/28/1988	2
270-043	Redfish Rocks (Northern)	6/28/1988	1
270-044	Redfish Rocks (Northwestern)	6/28/1988	3
270-045	Redfish Rocks (East Central)	6/28/1988	14
270-047	Redfish Rocks (Southern)	6/28/1988	4
270-047.1	"Unnamed Colony"	6/28/1988	6
270-047.2	"Unnamed Colony"	6/28/1988	1
270-047.3	"Unnamed Colony"	6/16/1988	13
270-048	"Unnamed Colony"	6/28/1988	4
270-049	Island Rock	6/28/1988	42
270-050	"Unnamed Colony"	6/25/1988	1
270-053	"Unnamed Colony"	6/16/1988	2
270-054.1	Lookout Rock	6/16/1988	4
270-055	Sisters Rocks (North Point)	6/16/1988	16
270-056	Sisters Rocks (South Point)	6/16/1988	20
270-057	Sisters Rocks (Island)	6/16/1988	3
270-058	"Unnamed Colony"	6/16/1988	24
270-059	Devils Backbone	6/16/1988	10
270-061	"Unnamed Colony"	6/16/1988	26
270-061.1	"Unnamed Colony"	6/16/1988	2
270-061.2	"Unnamed Colony"	6/16/1988	8
270-062.1	"Unnamed Colony"	7/7/1992	7

Pigeon Guillemot (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-065	Hubbard Mound	7/7/1992	3
270-066.1	"Unnamed Colony"	7/7/1992	1
270-066.2	"Unnamed Colony"	7/7/1992	12
270-066.3	Otter Point	7/7/1992	31
270-067	Double Rock	7/26/1989	11
270-068	Needle Rock	7/26/1989	19
270-069.2	"Unnamed Colony"	7/19/1988	14
270-070	"Cape Sebastian North"	7/26/1989	11
270-071	Hunters Island	7/26/1989	160
270-072	Cave Rock	6/24/1988	2
270-074	"Myers Creek Rocks"	6/15/1988	3
270-076	"North Crook Point Rock"	7/26/1989	4
270-077	"Unnamed Colony"	7/26/1989	46
270-078	Crook Point	7/26/1989	13
270-079	Saddle Rock	7/26/1989	5
270-080	"Unnamed Colony"	7/26/1989	20
270-081	"Unnamed Colony"	6/15/1988	19
270-082	"Unnamed Colony"	6/15/1988	15
270-083	"Unnamed Colony"	6/15/1988	21
270-083.1	"Unnamed Colony"	6/15/1988	1
270-084	"Unnamed Colony"	6/15/1988	16
270-085	"Unnamed Colony"	6/15/1988	4
270-086	"Unnamed Colony"	7/13/1988	4
270-087	Mack Arch	7/26/1989	8
270-087.2	"Unnamed Colony"	7/13/1988	2
270-088	"Unnamed Colony"	6/15/1988	2
270-088.1	"Unnamed Colony"	6/15/1988	15
270-089	Yellow Rock	6/15/1988	2
270-090	Arch Rock	6/18/1990	3
270-091	"Unnamed Colony"	7/26/1989	6
270-094	"Unnamed Colony"	6/15/1988	5
270-095	"Deer Point Rocks"	6/15/1988	5
270-096	"Unnamed Colony"	6/15/1988	4
270-097	"Unnamed Colony"	6/15/1988	6
270-097.1	"Wridge Creek Cove"	7/13/1988	4
270-097.2	"Natural Bridges Point"	6/15/1988	4
270-098.1	"Unnamed Colony"	6/15/1988	5
270-098.2	"Unnamed Colony"	7/13/1988	8
270-099	"Unnamed Colony"	7/7/1992	1
270-100	"Unnamed Colony"	7/26/1989	5

Pigeon Guillemot (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-101	"Unnamed Colony"	7/7/1992	2
270-102	"Unnamed Colony"	7/7/1992	7
270-103	"Unnamed Colony"	7/13/1988	15
270-103.3	"Unnamed Colony"	7/14/1988	16
270-104	"Unnamed Colony"	7/14/1988	14
270-105	"Unnamed Colony"	6/14/1988	2
270-105.1	"Unnamed Colony"	6/14/1988	1
270-107	"Unnamed Colony"	6/14/1988	22
270-108	Whaleshead Island	6/14/1988	12
270-109	"Whaleshead Cove" (East Rock)	6/14/1988	21
270-110	"Whaleshead Cove" (West Rock)	6/14/1988	25
270-111	"Unnamed Colony"	6/14/1988	1
270-115	Twin Rocks (East)	6/30/1994	16
270-116	Twin Rocks (West)	7/26/1989	1
270-117	"Unnamed Colony"	6/14/1988	2
270-118	"Unnamed Colony"	6/30/1994	1
270-119	Rainbow Island	6/14/1988	5
270-120	"Unnamed Colony"	6/14/1988	10
270-121	White Rock	6/14/1988	2
270-122	"Unnamed Colony"	6/14/1988	4
270-123	Goat Island	6/30/1994	32
270-124	"Unnamed Colony"	6/30/1994	2
270-125	"Unnamed Colony"	6/30/1994	2
270-125.1	"Unnamed Colony"	6/30/1994	7
270-126	"Unnamed Colony"	6/14/1988	4
270-127	"Unnamed Colony"	6/30/1994	2
270-128.1	"Unnamed Colony"	6/14/1988	4
		South Coast Subtotal	***1,239***
		OREGON COAST TOTAL	**4,448**

Cassin's Auklet

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-021	Haystack Rock	6/10/1979	Probable
219-022	The Needles (Northeast)	6/10/1979	Probable
219-023	The Needles (Southwest)	6/10/1979	Probable
219-056	Three Arch Rocks (Shag Rock)	8/17/1988	0
219-064	Haystack Rock	5/11/1988	Probable
		North Coast Subtotal	***Probable***
243-029	"Blast Rock"	5/6/1967	20
243-030	"Parrot Rock"	6/27/1979	Probable
		North Central Coast Subtotal	***20***
270-018	"Elephant Rock"	3/18/1967	Probable
		South Central Coast Subtotal	***Probable***
270-049	Island Rock	7/3/1979	100
270-071	Hunters Island	7/19/1988	30
270-076	"North Crook Point Rock"	3/21/1967	52
270-109	"Whaleshead Cove" (East Rock)	7/14/1988	40
270-110	"Whaleshead Cove" (West Rock)	6/2/1979	100
270-123	Goat Island	5/23/1979	20
		South Coast Subtotal	***342***
		OREGON COAST TOTAL	**362**

Rhinoceros Auklet

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-021	Haystack Rock	6/8/1988	Probable
219-054	Three Arch Rocks (Finley Rock)	6/6/1988	Probable
219-060.1	"Unnamed Colony"	6/6/1988	Probable
219-063	"Unnamed Colony"	7/11/1991	1
219-064	Haystack Rock	5/11/1988	Probable
219-064.2	"Unnamed Colony"	7/8/1988	Probable
219-064.3	"Unnamed Colony"	7/8/1988	Breeding
219-065	"Unnamed Colony"	5/11/1988	Probable
		North Coast Subtotal	***Breeding***
243-007	Otter Crest Headland	5/20/1988	Probable
243-011	"Unnamed Colony"	7/6/1994	Breeding
243-016	"Unnamed Colony"	5/12/1988	Probable
243-033	"Sea Lion Caves Headlands"	6/25/1991	16
		North Central Coast Subtotal	***16***
270-004	Chiefs Island	7/21/1992	10
270-014	Table Rock	6/27/1988	Probable
		South Central Coast Subtotal	***10***
270-049	Island Rock	6/28/1988	Probable
270-071	Hunters Island	7/19/1988	160
270-076	"North Crook Point Rock"	8/30/1989	Breeding
270-098	"Unnamed Colony"	6/29/2003	4
270-109	"Whaleshead Cove" (East Rock)	7/14/1988	Probable
270-110	"Whaleshead Cove" (West Rock)	8/3/1988	Probable
270-123	Goat Island	7/20/1988	300
		South Coast Subtotal	***464***
		OREGON COAST TOTAL	**490**

Tufted Puffin

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
219-020	Bird Rocks (Eastern)	7/1/1988	2
219-021	Haystack Rock	6/8/1988	612
219-023	The Needles (Southwest)	6/8/1988	2
219-025	Jockey Cap	6/10/1979	2
219-044	Pyramid Rock	6/6/1988	1
219-045	Pillar Rock	7/11/1989	1
219-047	"Unnamed Colony"	7/11/1991	3
219-048	"Unnamed Colony"	6/11/1979	50
219-049	"Unnamed Colony"	6/11/1979	24
219-050	"Unnamed Colony"	7/11/1991	2
219-051	"Unnamed Colony"	7/11/1991	2
219-053	"Unnamed Colony"	7/15/2003	2
219-054	Three Arch Rocks (Finley Rock)	6/6/1988	2,700
219-055	Three Arch Rocks (Middle Rock)	6/6/1988	200
219-056	Three Arch Rocks (Shag Rock)	6/6/1988	130
219-058	"Unnamed Colony"	7/11/1991	3
219-060	"Brown Rock"	7/11/1991	4
219-061	"Unnamed Colony"	6/6/1988	2
219-062	"Unnamed Colony"	7/15/2003	1
219-063	"Unnamed Colony"	7/11/1991	2
219-064	Haystack Rock	6/24/1991	120
219-071	"Unnamed Colony"	6/24/1991	15
		North Coast Subtotal	***3,880***
243-007	Otter Crest Headland	6/22/1994	1
243-010	Gull Rock	6/29/1995	1
243-011	"Unnamed Colony"	7/6/1994	2
243-015	"Colony Rock"	6/22/1994	2
243-016	"Unnamed Colony"	6/28/1995	2
243-027	Heceta Head	6/25/1991	2
243-028	Conical Rock	7/19/1989	4
243-028.1	"Heceta Head South"	6/20/1991	2
243-029	"Blast Rock"	7/14/1992	2
243-030	"Parrot Rock"	7/14/1992	2
243-031	Devils Elbow	7/14/1992	2
243-033	"Sea Lion Caves Headlands"	6/5/1988	7
243-036	"Cox Rock Mainland"	6/25/1991	4
		North Central Coast Subtotal	***33***

Tufted Puffin (cont.)

Colony Number	*Colony Name*	*Date*	*Estimated Number of Breeding Birds*
270-004	Chiefs Island	6/13/1988	13
270-014	Table Rock	4/6/1996	1
270-015	"North Coquille Point Rock"	6/27/1988	4
270-016	"Middle Coquille Point Rock"	6/27/1989	6
270-018	"Elephant Rock"	4/18/1991	17
270-020	Face Rock	5/12/2003	2
270-020.1	"Grave Point Rock"	6/23/1988	1
270-021	Haystack Rock	4/18/1991	3
		South Central Coast Subtotal	***47***
270-035	West Conical Rock	6/28/1988	8
270-043	Redfish Rocks (Northern)	6/28/1988	1
270-044	Redfish Rocks (Northwestern)	6/28/1988	1
270-045	Redfish Rocks (East Central)	6/28/1988	2
270-047	Redfish Rocks (Southern)	6/28/1988	5
270-048	"Unnamed Colony"	6/28/1988	2
270-049	Island Rock	6/28/1988	300
270-067	Double Rock	6/16/1988	2
270-068	Needle Rock	6/2/1994	2
270-071	Hunters Island	6/15/1988	100
270-076	"North Crook Point Rock"	7/26/1989	16
270-079	Saddle Rock	6/15/1988	11
270-087	Mack Arch	6/15/1988	7
270-109	"Whaleshead Cove" (East Rock)	7/14/1988	50
270-110	"Whaleshead Cove" (West Rock)	8/3/1988	40
270-123	Goat Island	6/14/1988	120
		South Coast Subtotal	***667***
		OREGON COAST TOTAL	**4,627**

Appendix C. List and Description of All Oregon Seabird Colonies

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
195-002	Clatsop	East Sand Island	46° 15' 44" N	123° 58' 53" W	Long, thin natural/dredge spoil island in the Lower Columbia River estuary 6.5 miles northwest of the Astoria-Megler Bridge.	26
195-003	Clatsop	"Desdemona Sands Pilings"	46° 12' 35" N	123° 52' 35" W	Pilings on Desdemona Sands 0.8 miles west of the Astoria-Megler Bridge.	28
195-004	Clatsop	Rice Island	46° 15' 3" N	123° 42' 10" W	Dredge spoil island approximately 7.3 miles upstream of the Astoria-Megler Bridge.	28
195-005	Clatsop	"Miller Sands Channel Markers"	46° 14' 3" N	123° 42' 51" W	Navigation markers along southern boundary of Tongue Point Channel, approx. 7 miles upstream of Astoria-Megler Bridge and 1 mile south of Rice Island.	30
195-006	Clatsop	"Miller Sands Spit"	46° 14' 54" N	123° 40' 22" W	Elevated sandy area and adjacent navigation markers south of Tongue Point Channel, approx. 1.5 miles southeast of Rice Island.	30
195-007	Clatsop	Astoria-Megler Bridge	46° 11' 46" N	123° 51' 9" W	Steel bridge structure over and adjacent to the shipping channel on Oregon side of the Columbia River.	30
219-000.1	Clatsop	"Tillamook Head North Point"	45° 57' 4" N	123° 59' 8" W	Mainland colony; slight promontory northeast of Tillamook Head.	34
219-001	Clatsop	"Tillamook Head Rocks" (Eastern Rocks)	45° 56' 46" N	123° 59' 42" W	Group of small pinnacles near mainland at tip of Tillamook Head.	34
219-002	Clatsop	"Tillamook Head Rocks" (Northern Rock)	45° 56' 47" N	123° 59' 45" W	Largest (northernmost) single rock at tip of Tillamook Head, just outside pinnacles.	36
219-003	Clatsop	"Tillamook Head Rocks" (Southwestern Rocks)	45° 56' 44" N	123° 59' 49" W	Pair of rocks situated just southwest of 219-002 at the tip of Tillamook Head.	37
219-004	Clatsop	"Tillamook Head Point"	45° 56' 46" N	123° 59' 37" W	Mainland colony; western tip of Tillamook Head.	37

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
219-001C	Clatsop	"Tillamook Head Complex"			Historical information for colonies 219-001 to 219-004 combined	38
219-005	Clatsop	Tillamook Rock	45° 56' 15" N	124° 1' 8" W	Large rock topped by a lightouse situated offshore Tillamook Head, x miles west of Bird Point.	40
219-006	Clatsop	"Bald Mountain Rock"	45° 56' 14" N	123° 59' 35" W	Single rock just offshore Bald Mountain, south of Bird Point.	43
219-007	Clatsop	"Bald Mountain Headland"	45° 56' 14" N	123° 59' 32" W	Rock attached by knife ridge to headland at Bald Mountain.	44
219-006C	Clatsop	"Bald Mountain Rocks Complex"			Historical information for colonies 219-006 to 219-007 combined	45
219-007.1	Clatsop	"Unnamed Colony"	45° 56' 9" N	123° 59' 19" W	Mainland colony; small area of cliff face between Bird Point and Indian Point.	45
219-008	Clatsop	Indian Point	45° 55' 50" N	123° 59' 2" W	Mainland colony; cliffs and bluffs on north, west and south sides of Indian Point.	46
219-009	Clatsop	Submarine Rock	45° 55' 35" N	123° 58' 46" W	Single rock just north of Bald Point. Little vegetation.	46
219-010	Clatsop	"Unnamed Colony"	45° 55' 23" N	123° 58' 50" W	Tallest (easternmost) rock in cluster of rocks between Bald Point and Ecola Point.	47
219-011	Clatsop	"Unnamed Colony"	45° 55' 14" N	123° 58' 41" W	Mainland colony, just north of Ecola Point on small knob of land.	48
219-012	Clatsop	"Ecola Point Rocks"	45° 55' 6" N	123° 58' 52" W	Group of rocks due west of Ecola Point.	48
219-012.1	Clatsop	"Ecola Point Headland"	45° 55' 3" N	123° 58' 37" W	Mainland colony; south face of Ecola Point.	48
219-013	Clatsop	Sea Lion Rock	45° 55' 2" N	123° 59' 6" W	115' high arched rock west of Ecola Point (westernmost rock); sparse vegetation.	50
219-014	Clatsop	"Unnamed Colony"	45° 55' 2" N	123° 59' 1" W	50' high spire just east of Sea Lion Rock at Ecola Point.	52
219-015	Clatsop	"Unnamed Colony"	45° 55' 0" N	123° 58' 51" W	Group of unvegetated rocks at Ecola Point, due south of 219-012.	53
219-016	Clatsop	"Unnamed Colony"	45° 54' 55" N	123° 58' 31" W	Two small pinnacles in cove south of Ecola Point; light soil on top.	53
219-011C	Clatsop	"Ecola Point Complex"			Historical information for colonies 219-011 to 219-016 combined	54
219-017	Clatsop	Bird Rocks (Northern)	45° 54' 33" N	123° 58' 25" W	Northernmost rock at Chapman Point; thin soil on top.	55

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
219-018	Clatsop	Bird Rocks (Western)	45° 54' 29" N	123° 58' 26" W	Westernmost rock at Chapman Point.	57
219-019	Clatsop	Bird Rocks (South Central)	45° 54' 29" N	123° 58' 21" W	Nearly circular rock with patchy vegetation just east of 219-018 at Chapman Point.	58
219-020	Clatsop	Bird Rocks (Eastern)	45° 54' 31" N	123° 58' 15" W	102' tall vegetated rock adjacent to Chapman Point; accessible at low tide.	59
219-017C	Clatsop	"Bird Rocks Complex"			Historical information for colonies 219-017 to 219-020 combined	60
219-020.1	Clatsop	Chapman Point	45° 54' 32" N	123° 58' 13" W	Mainland colony; cliffs and bluffs at northwest tip of Chapman Point.	61
219-021	Clatsop	Haystack Rock	45° 53' 4" N	123° 58' 6" W	235' high haystack-shaped rock at Cannon Beach.	62
219-022	Clatsop	The Needles (Northeast)	45° 52' 58" N	123° 58' 5" W	One of two needles south of Haystack Rock, Cannon Beach; northeast needle; sparse vegetation.	64
219-023	Clatsop	The Needles (Southwest)	45° 52' 55" N	123° 58' 14" W	One of two needles south of Haystack Rock, Cannon Beach; southwest needle. Historical data combined both needles; colony numbers for 219-022 and 219-023 reversed in Pitman et al. (1985).	65
219-024	Clatsop	"Silver Point Rock"	45° 51' 26" N	123° 57' 56" W	Small, partially vegetated conical rock along Cannon Beach.	66
219-025	Clatsop	Jockey Cap	45° 51' 16" N	123° 58' 2" W	85' high, cap-shaped rock with vegetated top west of Double Peak.	66
219-025.1	Clatsop	Arcadia Beach	45° 50' 23" N	123° 57' 43" W	Mainland colony; sandstone bluffs along sandy beach between Humbug Point and Hug Point.	68
219-025.2	Clatsop	Lion Rock	45° 50' 51" N	123° 57' 45" W	Small rock at Humbug Point.	68
219-025.3	Clatsop	Hug Point	45° 49' 53" N	123° 57' 47" W	Mainland colony, bluffs from Hug Point to Fall Creek.	68
219-025.4	Clatsop	"Unnamed Colony"	45° 49' 32" N	123° 57' 45" W	Mainland colony; small point south of Austin Point.	68
219-026	Clatsop	Castle Rock	45° 48' 21" N	123° 58' 59" W	Large 110' high rock 3/4 mile offshore from Arch Cape.	70
219-026.1	Clatsop	"Arch Cape Rock"	45° 48' 9" N	123° 58' 8" W	Largest and easternmost rock adjacent to Arch Cape; accessible from shore at low tide; partially vegetated.	73
219-027	Clatsop	Gull Rock	45° 47' 35" N	123° 58' 20" W	Largest rock off Cove Beach; sparse vegetation.	73

Colony Number	County	Colony Name	Latitude	Longitude	Description	Page
219-028	Clatsop	"Unnamed Colony"	45° 47' 31" N	123° 58' 16" W	Islet connected to beach at low tide.	74
219-029	Tillamook	"Cape Falcon North"	45° 46' 8" N	123° 58' 53" W	Group of three rocks on north side of Cape Falcon.	76
219-030	Tillamook	"Cape Falcon Rock"	45° 46' 3" N	123° 59' 5" W	Large 50' high rock just off Cape Falcon.	76
219-031	Tillamook	"Cape Falcon Point"	45° 46' 2" N	123° 58' 59" W	Mainland colony; cliffs along west tip of Cape Falcon.	77
219-032	Tillamook	"Cape Falcon South"	45° 45' 58" N	123° 58' 54" W	Mainland colony; vertical cliff and three caves on south face of Cape Falcon.	78
219-029C	Tillamook	"Cape Falcon Complex"			Historical information for colonies 219-029 to 219-032 combined	78
219-033	Tillamook	"Smuggler Cove Headland"	45° 45' 41" N	123° 58' 52" W	Mainland colony; area above arch at west end of headland on south face.	79
219-033.1	Tillamook	"Unnamed Colony"	45° 45' 40" N	123° 58' 48" W	60' high pinnacle attached to mainland by sharp ridge; vegetated on south slope and west side of crown.	79
219-034	Tillamook	"Unnamed Colony"	45° 45' 24" N	123° 58' 9" W	20' high boulder off first headland at the south end of Short Sand Beach.	79
219-035	Tillamook	Devils Cauldron	45° 45' 11" N	123° 58' 1" W	Mainland colony; cliffs and bluffs extending entire length of Devils Cauldron cove.	81
219-036	Tillamook	"Unnamed Colony"	45° 45' 3" N	123° 58' 8" W	Single rock, 40' high, near shore just south of Devils Cauldron, Neahkahnie Mountain.	81
219-036.1	Tillamook	"Unnamed Colony"	45° 45' 3" N	123° 58' 4" W	Mainland colony, directly east of 219-036, Neahkahnie Mountain.	82
219-037	Tillamook	"Unnamed Colony"	45° 45' 1" N	123° 57' 58" W	Mainland colony; cliff face in cove southeast of 219-036.1, Neahkahnie Mountain.	82
219-038	Tillamook	"Unnamed Colony"	45° 44' 54" N	123° 57' 58" W	Mainland colony; cliffs west of "Carlton 2" survey marker on USGS quad, Neahkahnie Mountain.	83
219-038.1	Tillamook	"Unnamed Colony"	45° 44' 54" N	123° 58' 1" W	Long, narrow rock just offshore of colony 219-038, Neahkahnie Mountain.	83
219-039	Tillamook	"Unnamed Colony"	45° 44' 42" N	123° 57' 50" W	Mainland colony; Neahkahnie Mountain.	84
219-040	Tillamook	"Unnamed Colony"	45° 44' 38" N	123° 57' 51" W	Mainland colony; last spire at tip of headland, slightly separated from headland, Neahkahnie Mountain.	84

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219-041	Tillamook	"Unnamed Colony"	45° 44' 37" N	123° 57' 46" W	Mainland colony; southsouthwest facing cliff face, Neahkahnie Mountain.	85
219-042	Tillamook	Twin Rocks (North)	45° 35' 52" N	123° 57' 35" W	Northern rock at Twin Rocks, Tillamook County.	86
219-043	Tillamook	Twin Rocks (South)	45° 35' 49" N	123° 57' 35" W	Southern rock at Twin Rocks, Tillamook County.	86
219-042C	Tillamook	"Twin Rocks Complex"			Historical information for colonies 219-042 to 219-043 combined	88
219-043.1	Tillamook	Painted Rock	45° 33' 52" N	123° 56' 21" W	Westernmost rock in the main channel at Barview, Tillamook Bay.	90
219-043.2	Tillamook	"Three Sisters"	45° 33' 46" N	123° 56' 13" W	Largest rock in Three Graces group, main channel at Barview, Tillamook Bay.	90
219-043.3	Tillamook	"Green Hill Rock"	45° 33' 42" N	123° 56' 7" W	Vegetated rock southeast of Three Sisters; main channel at Barview, Tillamook Bay.	90
219-043.4	Tillamook	"Unnamed Colony"	45° 33' 37" N	123° 56' 4" W	Small barren rock at the southern base of Green Hill, not connected to mainland.	91
219-044	Tillamook	Pyramid Rock	45° 29' 45" N	123° 59' 5" W	Large sparsely vegetated rock northwest of Cape Meares.	92
219-045	Tillamook	Pillar Rock	45° 29' 22" N	123° 58' 49" W	Large vertical-sided rock just north of Cape Meares lighthouse; very sparse vegetation.	94
219-046	Tillamook	"Cape Meares North"	45° 29' 36" N	123° 58' 9" W	Mainland colony; northernmost cliffs of Cape Meares.	96
219-047	Tillamook	"Unnamed Colony"	45° 29' 28" N	123° 58' 29" W	Mainland colony along north cliff face of large point north of double cove, including small arch rock connected to Cape Meares mainland.	97
219-048	Tillamook	"Unnamed Colony"	45° 29' 25" N	123° 58' 36" W	Mainland colony at west tip of point north of the double cove, Cape Meares.	98
219-049	Tillamook	"Unnamed Colony"	45° 29' 22" N	123° 58' 34" W	Mainland colony on the northernmost cliffs of the double cove, Cape Meares.	99
219-050	Tillamook	"Unnamed Colony"	45° 29' 18" N	123° 58' 33" W	Mainland colony; grassy slopes and cliffs in the center of the double cove, Cape Meares.	100
219-051	Tillamook	"Unnamed Colony"	45° 29' 9" N	123° 58' 42" W	Mainland colony; includes the north, west and south cliff faces of Cape Meares proper (lighthouse point).	100

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
219-046C	Tillamook	"Cape Meares Mainland Complex"			Historical information for colonies 219-046 to 219-051 combined	101
219-051.1	Tillamook	"Unnamed Colony"	45° 29' 0" N	123° 58' 21" W	Mainland colony; cliffs in small cove south of Cape Meares proper (lighthouse point).	102
219-051.2	Tillamook	"Unnamed Colony"	45° 28' 55" N	123° 58' 18" W	Mainland colony; south-facing cliffs at north end of Short Beach.	102
219-051.3	Tillamook	"Unnamed Colony"	45° 28' 6" N	123° 58' 29" W	Small rock just north of headland at Lost Boy Cave.	104
219-052	Tillamook	"Unnamed Colony"	45° 28' 4" N	123° 58' 39" W	Single 50' high unvegetated pinnacle west of Lost Boy Cave point; outermost pinnacle.	104
219-052.1	Tillamook	"Unnamed Colony"	45° 28' 2" N	123° 58' 28" W	Tip of mainland at Lost Boy Cave point.	104
219-053	Tillamook	"Unnamed Colony"	45° 28' 4" N	123° 58' 36" W	Single 50' high unvegetated pinnacle west of Lost Boy Cave point; east of 219-052.	105
219-053.1	Tillamook	"Unnamed Colony"	45° 28' 2" N	123° 58' 32" W	Single 50' high rock with vegetation and some soil; possibly connected to Lost Boy Cave point at low tide.	106
219-054	Tillamook	Three Arch Rocks (Finley Rock)	45° 27' 52" N	123° 59' 7" W	Easternmost large rock at Three Arch Rocks NWR.	107
219-055	Tillamook	Three Arch Rocks (Middle Rock)	45° 27' 50" N	123° 59' 17" W	Large central rock at Three Arch Rocks NWR.	108
219-056	Tillamook	Three Arch Rocks (Shag Rock)	45° 27' 42" N	123° 59' 25" W	Large 213' high, southwestern rock at Three Arch Rocks NWR.	110
219-057	Tillamook	Seal Rock	45° 27' 49" N	123° 58' 60" W	Small eastern rock at Three Arch Rocks NWR; Steller sea lions normally present.	111
219-052C	Tillamook	"Three Arch Rocks Complex"			Historical information for colonies 219-052 to 219-057 combined	112
219-058	Tillamook	"Unnamed Colony"	45° 20' 48" N	123° 58' 56" W	Mainland colony; easternmost colony, including cave, on north face of Cape Lookout.	114
219-059	Tillamook	"Unnamed Colony"	45° 20' 54" N	123° 59' 4" W	Easternmost large vegetated rock on north side of Cape Lookout.	114
219-060	Tillamook	"Brown Rock"	45° 20' 44" N	123° 59' 26" W	Large 100' high rock on north side of Cape Lookout with some soil and scant vegetation.	116

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219-060.1	Tillamook	"Unnamed Colony"	45° 20' 24" N	123° 59' 38" W	Mainland colony; cliffs in large cove on north side of Cape Lookout, between 219-058 and 219-061.	118
219-061	Tillamook	"Unnamed Colony"	45° 20' 25" N	124° 0' 9" W	Mainland colony; cliffs on north face of Cape Lookout between large cove and western tip.	118
219-062	Tillamook	"Unnamed Colony"	45° 20' 17" N	124° 0' 28" W	Mainland colony; west-facing cliffs at tip of Cape Lookout.	119
219-063	Tillamook	"Unnamed Colony"	45° 20' 15" N	123° 59' 34" W	Mainland colony; south face of Cape Lookout.	120
219-058C	Tillamook	"Cape Lookout Complex"			Historical information for colonies 219-058 to 219-063 combined	121
219-063.1	Tillamook	"Unnamed Colony"	45° 13' 15" N	123° 58' 34" W	Mainland colony; cliffs and sandstone rubble in knife-like cove near north end of Cape Kiwanda.	122
219-064	Tillamook	Haystack Rock	45° 12' 42" N	123° 59' 13" W	327' high rock offshore Cape Kiwanda, Tillamook County.	122
219-064.1	Tillamook	"Unnamed Colony"	45° 5' 36" N	123° 59' 36" W	30' high, sparsely vegetated rock adjacent to first point of land south of Proposal Rock, Neskowin.	126
219-064.2	Tillamook	"Unnamed Colony"	45° 5' 12" N	124° 0' 6" W	Mainland colony; cliff faces along northern part of Cascade Head.	126
219-064.3	Tillamook	"Unnamed Colony"	45° 5' 2" N	124° 0' 15" W	Mainland colony; cave with waterfall on south side.	127
219-065	Tillamook	"Unnamed Colony"	45° 5' 2" N	124° 0' 20" W	Mainland colony; cliff faces at north end of Harts Cove outcrop.	128
219-065.1	Tillamook	"Unnamed Colony"	45° 4' 51" N	124° 0' 29" W	Mainland colony; northwest-facing cliffs north of Harts Cove.	128
219-066	Tillamook	"Unnamed Colony"	45° 4' 50" N	124° 0' 31" W	Small single rock adjacent to cliffs north of Harts Cove (adjacent to 219-065.1).	129
219-066.1	Tillamook	"Unnamed Colony"	45° 4' 37" N	124° 0' 48" W	Single rock near the north entrance to Harts Cove.	130
219-067	Tillamook	"Harts Cove North"	45° 4' 33" N	124° 0' 36" W	Mainland colony; south facing cliffs along north side of Harts Cove proper.	130
219-067.1	Tillamook	"Harts Cove South"	45° 4' 25" N	124° 0' 38" W	Mainland colony; west-facing point immediately south of Harts Cove entrance.	131
219-067.2	Tillamook	"Unnamed Colony"	45° 4' 19" N	124° 0' 37" W	Group of rocks just south of 219-067.1.	132

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219-067.3	Tillamook	"Unnamed Colony"	45° 4' 16" N	124° 0' 30" W	Mainland colony; southwest-facing cliff just north of Cliff Creek waterfall.	132
219-068	Tillamook	"Center Point"	45° 3' 56" N	124° 0' 57" W	Mainland colony; west tip of point labeled "Center" on 7.5 minute Cascade Head quad.	133
219-069	Tillamook	"Unnamed Colony"	45° 3' 59" N	124° 0' 57" W	Single rock; northern rock of two large rocks off the tip of "Center Point".	134
219-070	Tillamook	"Unnamed Colony"	45° 3' 57" N	124° 0' 59" W	Single, southern rock of two large rocks off tip of "Center Point".	135
219-071	Tillamook	"Unnamed Colony"	45° 3' 41" N	124° 1' 2" W	Single rock immediately east of "Two Arches Rock"; sparse vegetation on south side.	136
219-072	Tillamook	"Two Arches Rock"	45° 3' 42" N	124° 1' 5" W	Large rock with two arches just south of "Center Point," Cascade Head.	137
219-073	Tillamook	"Unnamed Colony"	45° 3' 37" N	124° 1' 5" W	Large rock just south of "Two Arches Rock".	138
219-073.1	Tillamook	"Unnamed Colony"	45° 3' 36" N	124° 0' 58" W	Mainland colony; rocky point east of 219-073.	139
219-068C	Tillamook	"Cascade Head Complex"			Historical information for colonies 219-068 to 219-0073.1 combined	140
219-074	Tillamook	"Cascade Head South"	45° 2' 55" N	124° 0' 59" W	Mainland colony; cliffs on southern point ("Penacle") of Cascade Head.	142
219-075	Tillamook	Three Rocks (North)	45° 2' 44" N	124° 0' 54" W	Northernmost rock in Three Rocks group.	142
219-076	Tillamook	Three Rocks (Middle)	45° 2' 42" N	124° 0' 55" W	Middle rock in Three Rocks group.	144
219-077	Tillamook	Three Rocks (South)	45° 2' 37" N	124° 0' 54" W	Southern rock in Three Rocks group.	144
219-075C	Tillamook	"Three Rocks Complex"			Historical information for colonies 219-075 to 219-077 combined	145
219-078	Lincoln	"Unnamed Colony"	45° 2' 2" N	124° 0' 38" W	Mainland colony; headland at south end of Camp Westwind beach.	146
219-079	Lincoln	"Unnamed Colony"	45° 1' 51" N	124° 0' 44" W	Mainland colony; cliff face just west of Coon Lake on Roads End headland.	146
219-079.1	Lincoln	"Unnamed Colony"	45° 1' 44" N	124° 0' 45" W	Mainland colony; cliff face west of "River" survey marker on Roads End headland; south of 219-079.	147
219-080	Lincoln	"Unnamed Colony"	45° 1' 37" N	124° 1' 15" W	Large single rock offshore of Roads End headland.	148

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219-081	Lincoln	"Unnamed Colony"	45° 1' 37" N	124° 0' 49" W	Group of nearshore rocks and wash rocks along Roads End headland.	148
219-081.1	Lincoln	"Unnamed Colony"	45° 1' 32" N	124° 0' 47" W	Mainland colony; southernmost point of Roads End headland, adjacent to beach.	149
243-000.1	Lincoln	Boiler Bay	44° 49' 47" N	124° 3' 33" W	Mainland colony; cliff faces of Boiler Bay, from Government Point north to mouth of small stream.	152
243-000.2	Lincoln	"Thunder Shores"	44° 49' 31" N	124° 4' 5" W	Mainland colony; basalt cliffs south of Government Point.	152
243-000.3	Lincoln	"Pirate Cove Rock"	44° 49' 11" N	124° 4' 1" W	Rock at north entrance to Pirate Cove, separated from mainland by surge channel; herbaceous cover on eastern slope.	154
243-000.4	Lincoln	Pirate Cove	44° 49' 7" N	124° 3' 54" W	Mainland colony; cliff faces within Pirate Cove.	155
243-000.5	Lincoln	"Depoe Bay North"	44° 48' 56" N	124° 3' 51" W	Mainland colony; cliffs and rocks at north end of Depoe Bay.	156
243-000.6	Lincoln	"Fogarty Creek South"	44° 50' 17" N	124° 3' 19" W	Mainland colony; north-facing cliff face on headland south of Fogarty Creek mouth.	156
243-001	Lincoln	"Depoe Bay Bridge"	44° 48' 35" N	124° 3' 43" W	Highway 101 bridge at entrance to Depoe Bay harbor.	158
243-001.1	Lincoln	"Depoe Bay South"	44° 48' 11" N	124° 3' 56" W	Mainland colony; cliffs at south end of Depoe Bay.	158
243-002	Lincoln	"Whale Cove Rocks" (North)	44° 47' 27" N	124° 4' 21" W	40' high rock with grass and salal on east side; northernmost of two rocks north of Whale Cove entrance.	160
243-003	Lincoln	"Whale Cove Rocks" (South)	44° 47' 25" N	124° 4' 22" W	Southernmost rock just north of Whale Cove entrance; thick salal on top.	160
243-003.1	Lincoln	Whale Cove	44° 47' 18" N	124° 4' 3" W	Mainland colony; cliffs and bluffs within Whale Cove.	161
243-004	Lincoln	"Rocky Creek Cove"	44° 46' 39" N	124° 4' 21" W	Mainland colony; cliff face along south side of Rocky Creek cove.	162
243-005	Lincoln	"Unnamed Colony"	44° 46' 32" N	124° 4' 33" W	Single rock north of Cape Foulweather and south of Rocky Creek.	163
243-006	Lincoln	"Unnamed Colony"	44° 46' 6" N	124° 4' 16" W	Mainland colony; cliff face on Cape Foulweather below word "quarry" on 7.5 quad.	164

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
243-007	Lincoln	Otter Crest Headland	44° 45' 46" N	124° 3' 59" W	Mainland colony; steep basalt cliff face extending for more than 0.5 mile along Otter Crest Headlands (243-008 in Pitman et al. 1985).	165
243-008	Lincoln	"Unnamed Colony"	44° 45' 54" N	124° 4' 12" W	Single rock along Otter Crest Headlands (243-007 in Pitman et al. 1985).	167
243-009	Lincoln	"Unnamed Colony"	44° 45' 22" N	124° 3' 53" W	Small finger of land disconnected from mainland; salal and one conifer on top.	167
243-009.1	Lincoln	"Unnamed Colony"	44° 45' 12" N	124° 3' 52" W	Mainland colony; cliffs and bluffs from Otter Crest Inn beach access north to 243-009.	168
243-010	Lincoln	Gull Rock	44° 45' 7" N	124° 4' 30" W	Largest rock west of Otter Crest, 0.5 mile offshore.	169
243-010.1	Lincoln	Devils Punch Bowl	44° 44' 45" N	124° 3' 56" W	Mainland colony; cliffs along Devils Punchbowl State Park.	172
243-010.2	Lincoln	Otter Rock	44° 43' 57" N	124° 4' 14" W	Large unvegetated rock 0.5 mile west of Beverly Beach State Park.	173
243-011	Lincoln	"Unnamed Colony"	44° 40' 38" N	124° 4' 27" W	Mainland colony; cliff face on north side of Yaquina Head extending from the beach west to Trespass Cove entrance.	174
243-012	Lincoln	"Unnamed Colony"	44° 40' 39" N	124° 4' 31" W	Small nearshore rock north of 243-011; accessible at low tide.	176
243-013	Lincoln	"Unnamed Colony"	44° 40' 39" N	124° 4' 41" W	Rock on north side of Yaquina Head just west of Trespass Cove; attached to headland at low tide.	178
243-014	Lincoln	"Unnamed Colony"	44° 40' 39" N	124° 4' 45" W	Rock on northwest point of headland just east of Colony Rock; attached to headland at low tide.	179
243-015	Lincoln	"Colony Rock"	44° 40' 40" N	124° 4' 49" W	Largest rock at west tip of Yaquina Head; includes large rock and smaller adjoining rock to the east (243-015A).	180
243-016	Lincoln	"Unnamed Colony"	44° 40' 36" N	124° 4' 48" W	Mainland colony; includes most of the western tip of Yaquina Head, extending around headland from 243-011 to 243-016.1.	182
243-016.1	Lincoln	"Unnamed Colony"	44° 40' 34" N	124° 4' 43" W	Mainland colony; includes south-facing cliffs and bluffs in "north cove" area of Yaquina Head.	184
243-017	Lincoln	"Flat Top Rock"	44° 40' 35" N	124° 4' 50" W	Large rock at south west tip of Yaquina Head; thin covering of soil.	185

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
243-018	Lincoln	"Lion's Head Rock"	44° 40' 31" N	124° 4' 44" W	Large, grassy topped rock with vertical sides inside "north cove" area; west of beach stairs.	187
243-019	Lincoln	"Seal Rock"	44° 40' 26" N	124° 4' 43" W	Large, flat (15' high) unvegetated rock; harbor seal haulout site.	188
243-020	Lincoln	"Unnamed Colony"	44° 40' 24" N	124° 4' 37" W	Two large rocks, "east" and "west", located at the east end of cobble beach; accessible at low tide.	189
243-021	Lincoln	"Unnamed Colony"	44° 40' 22" N	124° 4' 15" W	Mainland colony; rocky cliffs and bluffs along the south face of Yaquina Head from near 243-020 eastward to the beach.	190
243-011C	Lincoln	"Yaquina Head Complex"			Historical information for colonies 243-011 to 243-021 combined	192
243-021.1	Lincoln	"Yaquina Bay Bridge"	44° 37' 18" N	124° 3' 21" W	Highway 101 bridge over Yaquina River, and adjacent navigation aids and structures.	194
243-021.2	Lincoln	"Newport Bay Front"	44° 37' 53" N	124° 2' 44" W	All buildings, structures and navigation aids from the U.S. Coast Guard station to the Port of Newport Shipping Terminal out to the navigation channel.	196
243-021.3	Lincoln	"Hatfield Marine Science Center"	44° 37' 29" N	124° 2' 45" W	All docks, structures and navigation aids adjacent to the Hatfield Marine Science Center and the former Oregon Aqua Foods facility.	197
243-021.4	Lincoln	"Unnamed Colony"	44° 34' 37" N	124° 4' 10" W	Mainland colony; sandy bluffs from Henderson Creek to Thiel Creek.	198
243-021.5	Lincoln	"Unnamed Colony"	44° 33' 17" N	124° 4' 21" W	Mainland colony; sandy bluffs from Thiel Creek to Lost Creek	198
243-021.6	Lincoln	"Unnamed Colony"	44° 30' 29" N	124° 4' 52" W	Mainland colony; sandy bluffs beginning south of Beaver Creek mouth and extending southward to Seal Rock State Wayside.	200
243-021.7	Lincoln	"Unnamed Colony"	44° 30' 1" N	124° 5' 4" W	Tall rock with some vegetation on top, north of Seal Rock State Wayside.	200
243-021.8	Lincoln	"Unnamed Colony"	44° 35' 33" N	124° 1' 14" W	Mainland colony in conifer trees on south bank of Yaquina River slightly upstream of Weiser Point.	200

Colony Number	County	Colony Name	Latitude	Longitude	Description	Page
243-022	Lincoln	"Elephant Rock"	44° 29' 45" N	124° 5' 7" W	Large rock and adjacent mainland area just south of Seal Rock State Wayside.	202
243-022.1	Lincoln	"Unnamed Colony"	44° 29' 36" N	124° 5' 4" W	Mainland colony; sandstone bluffs below highway between 243-022 and 243-024 south of Seal Rock State Wayside.	202
243-023	Lincoln	"Unnamed Colony"	44° 29' 35" N	124° 5' 12" W	Northern cluster of rocks at Seal Rocks. Birds nest on landward rocks.	203
243-024	Lincoln	"Unnamed Colony"	44° 29' 28" N	124° 5' 10" W	Southern cluster of rocks at Seal Rocks. Birds nest on outermost, 25' high rock.	203
243-022C	Lincoln	"Seal Rocks Complex"			Historical information for colonies 243-022 to 243-024 combined	203
243-024.1	Lincoln	"Unnamed Colony"	44° 29' 4" N	124° 5' 3" W	Mainland colony; includes large rock accessible at low tide at tip of headland just south of Seal Rock, and bluffs from headland south to Squaw Creek.	204
243-024.2	Lincoln	"Unnamed Colony"	44° 28' 21" N	124° 4' 59" W	Mainland colony; includes sandy bluffs from Squaw Creek to Buckley Creek.	204
243-024.3	Lincoln	"Unnamed Colony"	44° 27' 18" N	124° 4' 59" W	Mainland colony; includes sandy bluffs from Buckley Creek to northern Bayshore beach access.	204
243-024.4	Lincoln	"Alsea Bay Bridge"	44° 25' 54" N	124° 4' 15" W	Old bridge, demolished in 1991, and new bridge constructed 1991/92.	206
243-024.5	Lincoln	"Cleft-In-The-Rock"	44° 17' 34" N	124° 6' 49" W	Flat basalt rock separated from mainland by channel; small grassy knob on rock.	208
243-024.6	Lincoln	Big Stump Beach	44° 24' 6" N	124° 5' 15" W	Mainland colony; includes small section of sandy bluff.	206
243-025	Lincoln	Cape Perpetua	44° 17' 12" N	124° 6' 56" W	Mainland colony; includes tip of Cape Perpetua below and above Highway 101.	208
243-025.1	Lane	Gwynn Knoll	44° 14' 48" N	124° 6' 55" W	Mainland colony; bluffs around northern cove on Gwynn Knoll.	210
243-025.2	Lane	"Unnamed Colony"	44° 13' 12" N	124° 6' 51" W	Mainland colony; sandy bluffs from Stonefield Beach State Wayside to northern border of Squaw Creek State Wayside.	210
243-025.3	Lane	"Heceta Head North"	44° 8' 31" N	124° 7' 33" W	Mainland colony; extends from beach to northern limit of 243-027.	210

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
243-025.4	Lane	Captain Cook Point	44° 16' 29" N	124° 6' 50" W	Mainland colony; rock shelf area at Captain Cook point.	212
243-025.5	Lane	Strawberry Hill	44° 15' 25" N	124° 6' 43" W	Rock north of Strawberry Hill beach access.	212
243-026	Lane	"Unnamed Colony"	44° 8' 27" N	124° 7' 37" W	25' high sloping rock at border between 243-025.3 and 243-027.	214
243-027	Lane	Heceta Head	44° 8' 22" N	124° 7' 38" W	Mainland colony; includes cliffs and bluffs between 243-025.3 and Conical Rock.	214
243-028	Lane	Conical Rock	44° 8' 18" N	124° 7' 45" W	125' high rock joined to mainland just north of lighthouse; some grass on top.	216
243-028.1	Lane	"Heceta Head South"	44° 8' 11" N	124° 7' 41" W	Mainland colony, extends from Conical Rock to beach at Devils Elbow State Park.	217
243-029	Lane	"Blast Rock"	44° 8' 10" N	124° 7' 42" W	80' high, sparsely vegetated rock due south of lighthouse. Joined to mainland at low tide.	218
243-030	Lane	"Parrot Rock"	44° 8' 7" N	124° 7' 43" W	75' high rock with soil on eastern slope; immediately south of "Blast Rock."	219
243-026C	Lane	"Heceta Head Complex"			Historical information for colonies 243-025.3 to 243-030 combined	221
243-031	Lane	Devils Elbow	44° 7' 57" N	124° 7' 30" W	Mainland colony; includes cliffs and bluffs between Cape Creek and Cape Cove.	222
243-032	Lane	"Unnamed Colony"	44° 7' 33" N	124° 7' 36" W	Spire-like projection at end of basalt peninsula; connected to mainland during most tides.	224
243-033	Lane	"Sea Lion Caves Headlands"	44° 7' 25" N	124° 7' 39" W	Mainland colony; bluffs and cliffs from beach beginning at south end of Cape Cove and extending south to Horse Creek.	224
243-034	Lane	"Unnamed Colony"	44° 7' 5" N	124° 7' 31" W	Mainland colony; includes a small section of cliffs south of Horse Creek.	226
243-035	Lane	Cox Rock	44° 6' 39" N	124° 7' 35" W	100' high rock with sparse vegetation; very close to mainland.	227
243-036	Lane	"Cox Rock Mainland"	44° 6' 41" N	124° 7' 31" W	Mainland colony adjacent to and extending north and south of Cox Rock.	228
243-035C	Lane	"Cox Rock Complex"			Historical information for colonies 243-035 to 243-036 combined	229

Colony Number	County	Colony Name	Latitude	Longitude	Description	Page
270-000.1	Lane	"Siuslaw River Trees"	43° 57' 54" N	124° 5' 45" W	Mainland colony; trees at east end of mudflat on south side of Siuslaw River, just east of the Highway 101 bridge.	232
270-000.2	Douglas	Bolon Island	43° 42' 42" N	124° 6' 9" W	Mainland colony; trees within Bolon Island Tideways State Wayside bordering the Umpqua River west of Highway 101 bridge.	234
270-000.3	Douglas	"Unnamed Colony"	43° 41' 32" N	124° 10' 3" W	Mainland colony; conifer trees on south bank of Umpqua River just downstream from Jerden Cove.	236
270-000.4	Coos	"Unnamed Colony"	43° 26' 31" N	124° 13' 1" W	Mainland colony; includes tall conifers on south bank of Haynes Inlet at southwest end of Conde B. McCullough State Wayside.	238
270-000.5	Coos	"Unnamed Colony"	43° 25' 34" N	124° 13' 21" W	Large power line towers and dolphins adjacent to Conde B. McCullough Memorial Bridge, North Bend.	238
270-001	Coos	Sitka Dock	43° 22' 37" N	124° 17' 49" W	Pilings and dock structures at Sitka Dock, Coos Bay.	240
270-002	Coos	Coos Head	43° 20' 60" N	124° 20' 10" W	Mainland colony; includes cliffs and rocks at Coos Head.	240
270-003	Coos	"Charleston Bridge"	43° 20' 20" N	124° 19' 17" W	Bridge structure and nearby aids to navigation.	242
270-004	Coos	Chiefs Island	43° 20' 34" N	124° 22' 34" W	Finger-like island, connected to mainland by footbridge, including section at north end separated by surge channel. Supports USCG lighthouse.	242
270-004.1	Coos	"Unnamed Colony"	43° 20' 45" N	124° 22' 40" W	Two barren rocks northwest of 270-004.	244
270-004.2	Coos	"Unnamed Colony"	43° 20' 24" N	124° 22' 28" W	Mainland colony; trees on mainland west and east of the south end of footbridge leading to Chief's Island.	244
270-005	Coos	"Unnamed Colony"	43° 20' 34" N	124° 22' 42" W	Group of four rocks immediately west of 270-004.	244
270-006	Coos	Qochyax (Squaw) Island	43° 20' 16" N	124° 22' 40" W	Island with forested top, joined to mainland at low tide.	245
270-004C	Coos	"Gregory Point Complex"			Historical information for colonies 270-004 to 270-006 combined	245
270-006.1	Coos	"Sunset Bay North"	43° 20' 11" N	124° 22' 34" W	Mainland colony; cliffs northwest of entrance to Sunset Bay.	246
270-007	Coos	"Unnamed Colony"	43° 19' 52" N	124° 22' 44" W	Mainland colony; cliffs just north of Norton Gulch.	246

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
270-008	Coos	"OIMB Cormorant Colony"	43° 19' 54" N	124° 22' 52" W	40' high rock connected to mainland at low tide; grass and small conifers on top.	246
270-008.1	Coos	"Unnamed Colony"	43° 19' 50" N	124° 23' 2" W	Mainland colony; bluffs just west of 270-008.	247
270-008.2	Coos	"Shore Acres"	43° 19' 21" N	124° 23' 19" W	Mainland colony; south side of cove at Shore Acres Botanical Gardens.	248
270-008.3	Coos	"Unnamed Colony"	43° 19' 0" N	124° 24' 12" W	Tall rock northnorthwest of Shell Island.	248
270-008.4	Coos	"Unnamed Colony"	43° 19' 29" N	124° 23' 16" W	Mainland colony; cliffs just north of Shore Acres Observatory.	248
270-009	Coos	Shell Island	43° 18' 48" N	124° 24' 6" W	Tallest island (50' high) in Simpson Reef system, with large fan-shaped beach of broken shells on east side.	250
270-009.1	Coos	"Unnamed Colony"	43° 18' 46" N	124° 23' 47" W	Mainland colony; cliffs in broad cove east of Shell Island below public viewpoint.	250
270-009.2	Coos	"Unnamed Colony"	43° 17' 35" N	124° 23' 26" W	Mainland colony; cliffs bordered on north by landslide; immediately west of word "Devils" on 7.5 minute quad.	252
270-009.3	Coos	"Unnamed Colony"	43° 17' 51" N	124° 23' 32" W	Mainland colony located north of 270-009.2; on 7.5 minute quad, located between the "E" and "N" of the word "SEVEN" in Seven Devils.	252
270-010	Coos	"Unnamed Colony"	43° 17' 14" N	124° 23' 18" W	Mainland colony; bluffs and rocks just north of Big Devil Gulch.	252
270-011	Coos	"Unnamed Colony"	43° 16' 58" N	124° 23' 13" W	Mainland colony at mouth of Cave Creek.	253
270-012	Coos	"Unnamed Colony"	43° 16' 37" N	124° 23' 15" W	Mainland colony; bluffs approximately 1/4 mile north of Sacchi Beach.	254
270-012.1	Coos	"Moore Mill Dock"	43° 7' 27" N	124° 24' 32" W	Abandoned dock at Moore Mill near Bandon boat basin.	255
270-012.2	Coos	"Moore Mill Warehouse"	43° 7' 18" N	124° 24' 38" W	Abandoned pilings and dock structure destroyed in 2003.	255
270-013	Coos	"Unnamed Colony"	43° 7' 10" N	124° 26' 1" W	Group of rocks between Coquille River south jetty and Table Rock.	256
270-014	Coos	Table Rock	43° 7' 5" N	124° 26' 15" W	Large, flat 82' high vegetated rock south of Coquille River mouth.	258
270-014.1	Coos	"Unnamed Colony"	43° 7' 4" N	124° 26' 30" W	Small, 15' high rock just west of Table Rock.	259

Colony Number	County	Colony Name	Latitude	Longitude	Description	Page
270-015	Coos	"North Coquille Point Rock"	43° 6' 56" N	124° 26' 28" W	Northwesternmost of three large rocks off tip of Coquille Point; 60' high with no soil or vegetation.	259
270-016	Coos	"Middle Coquille Point Rock"	43° 6' 52" N	124° 26' 20" W	Large rock (85' tall) with soil and vegetation on top directly west of tip of Coquille Point; connected to mainland at low tide.	260
270-016.1	Coos	Coquille Point	43° 6' 51" N	124° 26' 14" W	Rock attached to mainland at tip of Coquille Point.	261
270-017	Coos	"Unnamed Colony"	43° 6' 50" N	124° 26' 24" W	Small rock westsouthwest of Middle Coquille Point Rock; no soil or vegetation.	262
270-018	Coos	"Elephant Rock"	43° 6' 46" N	124° 26' 17" W	Southernmost of three large rocks off west tip of Coquille Point; deep soil, well-vegetated and connected to mainland by sand at low tide.	263
270-019	Coos	Cat and Kittens Rock	43° 6' 29" N	124° 26' 39" W	Low-lying group of rocks with no vegetation southwest of Coquille Point; tallest rock 45' high.	264
270-019.1	Coos	"Unnamed Colony"	43° 6' 24" N	124° 26' 18" W	Flat-topped, 50' high pillar with some vegetation on top northwest of Grave Point.	265
270-020	Coos	Face Rock	43° 6' 20" N	124° 26' 31" W	110' tall rock that resembles a human face in profile when viewed from the mainland.	265
270-020.1	Coos	"Grave Point Rock"	43° 6' 17" N	124° 26' 11" W	70' high rock at Grave Point with deep sandy soil on top. Covered with dense grasses and lupines; accessible from mainland at high tide.	267
270-020.2	Coos	"Unnamed Colony"	43° 6' 12" N	124° 26' 7" W	40' high rocky spire southeast of Grave Point Rock.	267
270-021	Coos	Haystack Rock	43° 5' 10" N	124° 26' 21" W	Large, gently sloping 107' high rock, covered with low vegetation.	268
270-021.1	Coos	"Unnamed Colony"	43° 5' 12" N	124° 26' 16" W	Small rock northeast of Haystack Rock.	268
270-021.2	Coos	"Monkey Rock"	43° 5' 8" N	124° 26' 18" W	30' high pillar-like rock on southeast side of Haystack Rock; small amount of vegetation on top. Accessible at mid- to low tides.	269
270-022	Curry	"Blacklock Point Rocks"	42° 52' 32" N	124° 32' 19" W	Group of rocks at tip of Blacklock Point, including one rock near shore well south of the point; excludes Tower Rock.	272

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
270-022.1	Curry	"Unnamed Colony"	42° 52' 28" N	124° 32' 48" W	Low rock southwest of Tower Rock.	272
270-023	Curry	Tower Rock	42° 52' 33" N	124° 32' 40" W	113' high rock west of Blacklock Point; very sparse vegetation on top.	273
270-022C	Curry	"Blacklock Point Complex"			Historical information for colonies 270-022 to 270-023 combined	274
270-023.1	Curry	"Unnamed Colony"	42° 51' 60" N	124° 32' 15" W	60' high rock near beach at low tide.	275
270-024	Curry	Castle Rock	42° 51' 23" N	124° 32' 51" W	Large rock at mouth of Sixes River; sparsely vegetated and accessible at low tide.	276
270-025	Curry	"Unnamed Colony"	42° 51' 21" N	124° 33' 9" W	Small rock farthest west of Castle Rock.	276
270-026	Curry	"Unnamed Colony"	42° 51' 22" N	124° 32' 56" W	Group of rocks immediately west of (adjacent to) Castle Rock.	277
270-024C	Curry	"Sixes Rivers Complex"			Historical information for colonies 270-024 to 270-026 combined	278
270-027	Curry	Gull Rock	42° 51' 2" N	124° 33' 27" W	Very large group of rocks southwest of Castle Rock; patchy vegetation.	279
270-027.1	Curry	"Unnamed Colony"	42° 50' 27" N	124° 33' 13" W	Unvegetated rock connected to mainland at low tide.	281
270-027.2	Curry	"Cape Blanco North"	42° 50' 26" N	124° 33' 53" W	Rock connected to north tip of Cape Blanco at low tide.	281
270-027.3	Curry	"Unnamed Colony"	42° 50' 14" N	124° 34' 7" W	Rock with arch west of Cape Blanco; accessible at low tides.	281
270-027.4	Curry	"Cape Blanco Southwest"	42° 50' 6" N	124° 33' 55" W	Mainland colony; cliffs on southwest corner of Cape Blanco.	282
270-027.5	Curry	"Unnamed Colony"	42° 50' 1" N	124° 33' 55" W	40' high rock with sparse vegetation connected to southwest tip of Cape Blanco at low tide.	282
270-028	Curry	Needle Rock	42° 49' 58" N	124° 33' 29" W	125' high rock spire connected to mainland at low tide; patchy vegetation.	282
270-029	Curry	Best Rock	42° 47' 27" N	124° 35' 45" W	Large rock in northeast corner of the Orford Reef group; sparse vegetation on top.	283
270-030	Curry	Long Brown Rock	42° 47' 29" N	124° 36' 22" W	Large unvegetated rock in the northwest corner of the Orford Reef group; Steller sea lion rookery.	284

Colony Number	County	Colony Name	Latitude	Longitude	Description	Page
270-031	Curry	"Unnamed Colony"	42° 47' 27" N	124° 35' 49" W	Unvegetated, 75' high rock adjacent to west side of Best Rock.	286
270-032	Curry	Square White Rock	42° 47' 18" N	124° 36' 18" W	100' high, unvegetated rock.	287
270-033	Curry	Seal Rock	42° 47' 13" N	124° 35' 41" W	Unvegetated rock south of Best Rock; Steller sea lions often present.	287
270-034	Curry	Conical White Rock	42° 46' 58" N	124° 35' 60" W	30' high unvegetated rock.	287
270-035	Curry	West Conical Rock	42° 46' 39" N	124° 36' 4" W	60' high unvegetated rock at south end of Orford Reef group.	289
270-036	Curry	Arch Rock	42° 46' 42" N	124° 35' 51" W	120' high sparsely-vegetated rock.	289
270-029C	Curry	"Orford Reef Complex"			Historical information for colonies 270-029 to 270-036 combined	290
270-037	Curry	Klooqueh Rock	42° 44' 30" N	124° 31' 23" W	75' high, very sparsely-vegetated rock west of Port Orford Heads.	292
270-037.1	Curry	"Unnamed Colony"	42° 44' 9" N	124° 30' 51" W	Mainland colony; cliffs and bluffs along the west side of Port Orford Heads.	292
270-037.2	Curry	"Unnamed Colony"	42° 44' 2" N	124° 30' 46" W	Large 110' high rock separated from mainland by narrow channel; sparse vegetation.	293
270-038	Curry	"Unnamed Colony"	42° 43' 59" N	124° 30' 49" W	Small 40' high unvegetated rock just west of 270-037.2.	294
270-039	Curry	Tichenor Rock	42° 43' 50" N	124° 30' 42" W	40' high, very sparsely-vegetated rock south of Hells Gate, Orford Heads.	294
270-040	Curry	"Hells Gate Finger"	42° 43' 59" N	124° 30' 39" W	Finger of rock projecting from Orford Heads; just north of Tichenor Rock.	295
270-040.1	Curry	"Unnamed Colony"	42° 44' 8" N	124° 30' 31" W	Mainland colony; cliffs extending from large cave northeast of Hells Gate to Nellies Cove.	295
270-040.2	Curry	"Nellies Cove Rocks"	42° 44' 13" N	124° 30' 27" W	Three rocks in Nellies Cove; two north rocks connected to mainland by concrete wall.	295
270-040.3	Curry	Nellies Point	42° 44' 15" N	124° 30' 23" W	Mainland colony; cliffs on west side of Nellies Point.	296
270-040.4	Curry	"Unnamed Colony"	42° 44' 26" N	124° 29' 46" W	Small 20' high unvegetated rock midway between Port Orford docks and Battle Rock.	296

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
270-040.5	Curry	Battle Rock	42° 44' 29" N	124° 29' 36" W	Large rock connected to mainland. Heavily vegetated including pines, coyote brush and poison oak; easily accessible.	296
270-040.6	Curry	"Unnamed Colony"	42° 44' 7" N	124° 29' 3" W	Small rock just north of 270-041.	297
270-041	Curry	"Unnamed Colony"	42° 44' 3" N	124° 29' 3" W	Sparsely-vegetated rock 40' high.	297
270-042	Curry	"Unnamed Colony"	42° 43' 59" N	124° 28' 58" W	Unvegetated rock 40' high; southeast of 270-041.	297
270-043	Curry	Redfish Rocks (Northern)	42° 42' 8" N	124° 28' 28" W	Northernmost rock in Redfish Rocks group; 60' high pillar, very sparse vegetation.	298
270-044	Curry	Redfish Rocks (Northwestern)	42° 42' 4" N	124° 28' 44" W	Northwesternmost rock in Redfish Rocks group; 90' tall with very sparse vegetation.	300
270-045	Curry	Redfish Rocks (East Central)	42° 41' 56" N	124° 28' 24" W	125' high rock, sparsely vegetated.	301
270-046	Curry	Redfish Rocks (West Central)	42° 41' 48" N	124° 28' 36" W	75' high unvegetated rock.	302
270-047	Curry	Redfish Rocks (Southern)	42° 41' 40" N	124° 28' 28" W	Southernmost pair of rocks in Redfish Rocks group; 75' high rock with sparse vegetation at east end and unvegetated rock directly south.	302
270-043C	Curry	"Redfish Rocks Complex"			Historical information for colonies 270-043 to 270-047 combined	303
270-047.1	Curry	"Unnamed Colony"	42° 40' 47" N	124° 27' 1" W	Mainland colony; cliffs on north and west side of Humbug Mountain.	304
270-047.2	Curry	"Unnamed Colony"	42° 40' 31" N	124° 27' 8" W	Largest rock at west end of Humbug Mountain.	304
270-047.3	Curry	"Unnamed Colony"	42° 40' 21" N	124° 26' 42" W	Group of two rocks on south side of Humbug Mountain.	304
270-048	Curry	"Unnamed Colony"	42° 40' 10" N	124° 28' 39" W	Small rock 75' high just northwest of Island Rock; little vegetation.	305
270-049	Curry	Island Rock	42° 40' 1" N	124° 28' 34" W	Large 200' high rock approximately 1.5 miles offshore from Humbug Mountain; rocky soil and diverse vegetation.	306
270-048C	Curry	"Island Rock Complex"			Historical information for colonies 270-048 to 270-049 combined	307
270-050	Curry	"Unnamed Colony"	42° 38' 40" N	124° 24' 51" W	Group of mostly wash rocks off northernmost headland north of Reinhart Creek, just before beach begins.	309

Colony Number	County	Colony Name	Latitude	Longitude	Description	Page
270-051	Curry	"Unnamed Colony"	42° 38' 29" N	124° 24' 51" W	30' high cone with sparse vegetation.	310
270-052	Curry	"Unnamed Colony"	42° 38' 19" N	124° 24' 38" W	Innermost two rocks in a group of four rocks just north of Reinhart Creek. Northern rock is 75' tall; southern rock is 35' tall; both sparsely vegetated.	310
270-053	Curry	"Unnamed Colony"	42° 38' 18" N	124° 24' 41" W	Northwestern rock, 35' tall, in group of four rocks north of Reinhart Creek.	310
270-054	Curry	"Unnamed Colony"	42° 38' 16" N	124° 24' 40" W	Southernmost rock, 35' tall, in group of four rocks north of Reinhart Creek.	311
270-054.1	Curry	Lookout Rock	42° 37' 46" N	124° 24' 22" W	Mainland colony; 450' high rock spire.	312
270-054.2	Curry	"Unnamed Colony"	42° 36' 46" N	124° 24' 14" W	Small conical rock 15' high, off southern end of Arizona Beach.	312
270-054.3	Curry	"Unnamed Colony"	42° 35' 59" N	124° 24' 8" W	Rock north of Sisters Rock north point, with soil and vegetation; connected to mainland at low tide.	312
270-055	Curry	Sisters Rocks (North Point)	42° 35' 36" N	124° 24' 28" W	Largest and northernmost of Sisters Rocks; connected to mainland.	314
270-056	Curry	Sisters Rocks (South Point)	42° 35' 29" N	124° 24' 17" W	Southeast of 270-055; connected to mainland.	314
270-057	Curry	Sisters Rocks (Island)	42° 35' 26" N	124° 24' 31" W	200' high rock southwest of 270-055 and 270-056; some vegetation, including grasses and ferns.	316
270-058	Curry	"Unnamed Colony"	42° 35' 20" N	124° 23' 57" W	Group of unvegetated rocks south of Frankport and north of O'Brien Creek.	317
270-058.1	Curry	"Unnamed Colony"	42° 35' 3" N	124° 23' 49" W	Taller (southern) rock of two rocks south of Colony 270-058	317
270-059	Curry	Devils Backbone	42° 34' 39" N	124° 23' 42" W	Large rock connected to mainland south of O'Brien Creek.	317
270-060	Curry	"Unnamed Colony"	42° 29' 52" N	124° 26' 25" W	Two 12' high rocks offshore from Nesika Beach.	318
270-061	Curry	"Unnamed Colony"	42° 29' 43" N	124° 25' 26" W	Several clusters of rocks between Nesika Beach and Wakeman Beach. Largest rock is flat-topped.	318
270-061.1	Curry	"Unnamed Colony"	42° 29' 45" N	124° 25' 21" W	Mainland colony; first rocky headland south of Nesika Beach.	318
270-061.2	Curry	"Unnamed Colony"	42° 29' 31" N	124° 25' 17" W	Mainland colony; 40' high cliff at Geisel Monument Wayside.	319

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
270-062	Curry	"Unnamed Colony"	42° 28' 46" N	124° 25' 32" W	Clusters of rocks at Hubbard Mound. Originally included 270-062.1 and 270-062.2; not known why colony was separated.	320
270-062.1	Curry	"Unnamed Colony"	42° 28' 44" N	124° 25' 33" W	Small round rock off Hubbard Mound, approximately 20' high; attached to mainland at low tide.	320
270-062.2	Curry	"Unnamed Colony"	42° 28' 38" N	124° 25' 37" W	50' high rock off the southern tip of Hubbard Mound.	320
270-063	Curry	"Hubbard Mound Rock"	42° 28' 53" N	124° 26' 26" W	Flat-topped rock 25' high, west and north of Hubbard Mound. Originally included smaller rock to the west.	321
270-064	Curry	"Dog Rock"	42° 28' 45" N	124° 26' 20" W	Unvegetated, flat-topped rock 15' high off Hubbard Mound.	322
270-065	Curry	Hubbard Mound	42° 28' 38" N	124° 25' 32" W	Mainland colony; cliffs and bluffs along western face of Hubbard Mound.	323
270-066	Curry	"Unnamed Colony"	42° 28' 24" N	124° 25' 28" W	25' high unvegetated rock southeast of Hubbard Mound.	324
270-060C	Curry	"Hubbard Mound Reef Complex"			Historical information for colonies 270-060 to 270-066 combined	326
270-066.1	Curry	"Unnamed Colony"	42° 28' 3" N	124° 25' 29" W	Cluster of rocks north of Otter Point.	324
270-066.2	Curry	"Unnamed Colony"	42° 27' 54" N	124° 25' 28" W	75' high rock with some vegetation on north side, just north of Otter Point.	324
270-066.3	Curry	Otter Point	42° 27' 49" N	124° 25' 33" W	Mainland colony; cliffs and bluffs of Otter Point.	325
270-067	Curry	Double Rock	42° 26' 58" N	124° 29' 25" W	50' high craggy rock west of Needle Rock in the Rogue River Reef.	328
270-068	Curry	Needle Rock	42° 26' 54" N	124° 29' 2" W	Large rock west of Pyramid Rock in the Rogue River Reef group.	330
270-069	Curry	Pyramid Rock	42° 26' 39" N	124° 28' 10" W	Easternmost large rock in the Rogue River Reef group; major rookery for Steller sea lions.	332
270-067C	Curry	"Rogue River Reef Complex"			Historical information for colonies 270-067 to 270-069 combined	333
270-069.1	Curry	"Unnamed Colony"	42° 20' 21" N	124° 25' 44" W	Mainland colony; cliffs just south of Daniels Creek.	334
270-069.2	Curry	"Unnamed Colony"	42° 19' 59" N	124° 25' 44" W	Mainland colony; cliffs between Daniels Creek and Cape Sebastian.	334

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
270-070	Curry	"Cape Sebastian North"	42° 19' 33" N	124° 25' 55" W	Mainland colony; small rocky headland and adjacent cliffs to the north at the north end of Cape Sebastian.	334
270-070.1	Curry	"Cape Sebastian South"	42° 19' 10" N	124° 25' 45" W	Mainland colony; cliffs at south end of Cape Sebastian.	335
270-071	Curry	Hunters Island	42° 18' 50" N	124° 25' 33" W	Large island, 105' tall just south of Cape Sebastian.	336
270-072	Curry	Cave Rock	42° 18' 34" N	124° 25' 0" W	Flat, partially vegetated rock north of Myers Creek.	339
270-073	Curry	"Unnamed Colony"	42° 18' 28" N	124° 24' 54" W	50' high rock covered with low vegetation between Cave Rock and Myers Creek mouth; may be joined to mainland on very low tide.	340
270-074	Curry	"Myers Creek Rocks"	42° 18' 7" N	124° 24' 51" W	Cluster of rocks south of Myers Creek mouth; some rocks are vegetated.	340
270-074.1	Curry	"Unnamed Colony"	42° 17' 43" N	124° 24' 42" W	25' high rock in surf zone; joined to beach at low tide.	341
270-075	Curry	"Unnamed Colony"	42° 15' 27" N	124° 24' 56" W	Small rock north of Crook Point and west of 270-076.	344
270-076	Curry	"North Crook Point Rock"	42° 15' 24" N	124° 24' 49" W	Largest vegetated rock north of Crook Point; beach access at low tide. Vegetation includes *Juncus*, succulents, and figwort.	345
270-077	Curry	"Unnamed Colony"	42° 15' 15" N	124° 24' 48" W	Cluster of rocks north of Crook Point pinnacle; tallest is 50' high.	346
270-078	Curry	Crook Point	42° 15' 7" N	124° 24' 52" W	Mainland colony; Crook Point pinnacle and loose rocks around base.	346
270-079	Curry	Saddle Rock	42° 15' 1" N	124° 24' 55" W	Large, vegetated saddle-shaped rock with deep sandy soils adjacent to the tip of Crook Point.	347
270-075C	Curry	"Crook Point Complex"			Historical information for colonies 270-075 to 270-079 combined	347
270-080	Curry	"Unnamed Colony"	42° 14' 53" N	124° 24' 44" W	122' high rock south of Crook Point.	348
270-081	Curry	"Unnamed Colony"	42° 14' 51" N	124° 24' 38" W	100' high rock with patch of thick grass on top.	348
270-082	Curry	"Unnamed Colony"	42° 14' 55" N	124° 24' 40" W	Group of two rocks: westernmost is 122' tall with sparse vegetation; easternmost is 100' tall with patch of thick grass on top.	349

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
270-083	Curry	"Unnamed Colony"	42° 14' 43" N	124° 24' 37" W	Group of three rocks: westernmost rock is 120' tall with grass and low vegetation; easternmost is 90' tall and unvegetated.	349
270-083.1	Curry	"Unnamed Colony"	42° 14' 37" N	124° 24' 45" W	Single rock in Mack Reef group southwest of 270-083.	350
270-084	Curry	"Unnamed Colony"	42° 14' 30" N	124° 24' 40" W	Single rock 90' high in Mack Reef group southeast of 270-083.1.	350
270-085	Curry	"Unnamed Colony"	42° 14' 9" N	124° 24' 50" W	Three rocks fairly close together in the southern part of Mack Reef group.	351
270-086	Curry	"Unnamed Colony"	42° 13' 53" N	124° 24' 50" W	Two rocks just north of Mack Arch: western rock is 80' high and unvegetated; eastern rock is probably awash in large swells.	352
270-087	Curry	Mack Arch	42° 13' 41" N	124° 24' 33" W	Very large arched rock at the south end of the Mack Reef group.	353
270-080C	Curry	"Mack Reef Complex"			Historical information for colonies 270-080 to 270-087 combined	354
270-087.1	Curry	"Unnamed Colony"	42° 13' 45" N	124° 23' 21" W	Small flat rock south of Burnt Hill Creek	355
270-087.2	Curry	"Unnamed Colony"	42° 13' 38" N	124° 23' 12" W	35' tall rock at the northern end of Samuel H. Boardman State Park; iceplant on southeast side.	355
270-088	Curry	"Unnamed Colony"	42° 12' 44" N	124° 22' 47" W	20' high rock, mostly awash.	357
270-088.1	Curry	"Unnamed Colony"	42° 12' 36" N	124° 22' 40" W	Mainland colony; rocky headland east of Yellow Rock.	358
270-089	Curry	Yellow Rock	42° 12' 39" N	124° 23' 22" W	Long, yellowish, 99' high rock at the north end of Samuel H. Boardman State Park.	358
270-090	Curry	Arch Rock	42° 12' 21" N	124° 22' 42" W	Arched rock west of Arch Rock viewpoint at north end of Boardman State Park; some vegetation.	359
270-091	Curry	"Unnamed Colony"	42° 12' 18" N	124° 22' 44" W	81' high rock with patchy vegetation just south of Arch Rock.	360
270-091.1	Curry	"Unnamed Colony"	42° 12' 17" N	124° 22' 36" W	Mainland colony; cliffs around Arch Rock viewpoint picnic area	360
270-092	Curry	"Unnamed Colony"	42° 12' 6" N	124° 22' 36" W	80' high rock just north of Spruce Island.	361

Colony Number	County	Colony Name	Latitude	Longitude	Description	Page
270-093	Curry	"Spruce Island"	42° 11' 59" N	124° 22' 37" W	100' tall rock covered with conifers, grass and salal north of Deer Point.	361
270-094	Curry	"Unnamed Colony"	42° 12' 11" N	124° 22' 40" W	Four large rocks north of 270-092.	362
270-095	Curry	"Deer Point Rocks"	42° 11' 45" N	124° 22' 35" W	Two rocks west of Deer Point; largest with thick, low vegetation.	363
270-096	Curry	"Unnamed Colony"	42° 11' 39" N	124° 22' 26" W	Group of rocks south of Deer Point.	363
270-097	Curry	"Unnamed Colony"	42° 11' 26" N	124° 22' 22" W	Two rocks northwest of Natural Bridges.	364
270-097.1	Curry	"Wridge Creek Cove"	42° 11' 29" N	124° 22' 7" W	Mainland colony; cliffs of cove where Wridge Creek meets the ocean.	364
270-097.2	Curry	"Natural Bridges Point"	42° 11' 21" N	124° 22' 8" W	Mainland colony; cliffs on east face of Natural Bridges point.	364
270-098	Curry	"Unnamed Colony"	42° 11' 15" N	124° 22' 5" W	Rock with cave south of Natural Bridges point.	367
270-088C	Curry	"Deer Point Rocks Complex"			Historical information for colonies 270-088 to 270-098 combined	368
270-098.1	Curry	"Unnamed Colony"	42° 11' 11" N	124° 22' 2" W	Rock just south of 270-098.	368
270-098.2	Curry	"Unnamed Colony"	42° 10' 58" N	124° 21' 50" W	Mainland colony; cliffs on south side of headland between Horse Prairie Creek and Spruce Creek.	368
270-099	Curry	"Unnamed Colony"	42° 10' 34" N	124° 22' 9" W	40' tall rock westnorthwest of China Creek mouth.	369
270-100	Curry	"Unnamed Colony"	42° 10' 29" N	124° 21' 55" W	Two rocks north of China Creek mouth.	369
270-100.1	Curry	"Unnamed Colony"	42° 10' 29" N	124° 21' 59" W	Flattened spire westnorthwest of China Creek mouth.	370
270-100.2	Curry	"Unnamed Colony"	42° 10' 29" N	124° 21' 54" W	Middle rock of three pinnacles with flat slope facing south.	370
270-101	Curry	"Unnamed Colony"	42° 10' 23" N	124° 21' 48" W	Pinnacle close to the beach, just south of China Creek mouth.	371
270-102	Curry	"Unnamed Colony"	42° 10' 17" N	124° 21' 55" W	74' high rock covered with low vegetation; adjacent rock awash at high tide.	371
270-103	Curry	"Unnamed Colony"	42° 10' 6" N	124° 22' 1" W	Cluster of rocks, tallest 64' high with barren soil; some rocks awash at high tide.	372
270-103.1	Curry	"Unnamed Colony"	42° 9' 54" N	124° 21' 59" W	Small rock west of Thomas Creek mouth.	372

Colony Number	*County*	*Colony Name*	*Latitude*	*Longitude*	*Description*	*Page*
270-103.2	Curry	"Unnamed Colony"	42° 9' 49" N	124° 21' 49" W	78' high rock with soil and short vegetation south of Thomas Creek mouth.	373
270-103.3	Curry	"Unnamed Colony"	42° 9' 31" N	124° 21' 51" W	Mainland colony; north side of headland south of Thomas Creek mouth.	374
270-104	Curry	"Unnamed Colony"	42° 9' 10" N	124° 21' 58" W	Mainland colony, includes rocks connected to shore by arch.	374
270-105	Curry	"Unnamed Colony"	42° 8' 60" N	124° 21' 53" W	Group of three rocks in cove south of 270-104, including 75' arched rock with sparse vegetation.	374
270-105.1	Curry	"Unnamed Colony"	42° 8' 56" N	124° 21' 48" W	Mainland colony; small point of land just north of 270-106.	375
270-106	Curry	"Unnamed Colony"	42° 8' 52" N	124° 21' 42" W	Large, heavily-vegetated rock 163' high in cove north of Whaleshead Island cove. Vegetated area is approximately 1 acre; deep soil on northeast corner.	376
270-107	Curry	"Unnamed Colony"	42° 8' 44" N	124° 21' 40" W	Mainland colony, includes cliffs and bluffs on headland north of Whaleshead Island cove.	377
270-108	Curry	Whaleshead Island	42° 8' 31" N	124° 21' 34" W	144' high vegetated rock that appears pyramidal from shore.	377
270-109	Curry	"Whaleshead Cove" (East Rock)	42° 8' 23" N	124° 21' 40" W	Grass-covered, easternmost of two large rocks in Whaleshead Cove (270-110 in Pitman et al 1985).	378
270-110	Curry	"Whaleshead Cove" (West Rock)	42° 8' 19" N	124° 21' 46" W	Large western rock in Whaleshead Cove; vegetated on NW area of top.	380
270-109C	Curry	"Whaleshead Cove Complex"			Historical information for colonies 270-109 to 270-110 combined	381
270-111	Curry	"Unnamed Colony"	42° 7' 27" N	124° 21' 17" W	Mainland colony; small knob of land north of House Rock Creek headland.	382
270-112	Curry	"Unnamed Colony"	42° 6' 50" N	124° 21' 28" W	Group of rocks west of House Rock Creek headland; largest rock sparsely vegetated.	382
270-113	Curry	Barnacle Rock	42° 6' 39" N	124° 21' 59" W	28' high rock north of House Rock; probably awash in large swells.	383
270-114	Curry	House Rock	42° 6' 32" N	124° 22' 2" W	109' high rock northwest of Cape Ferrelo; ferns in crevices.	384

Colony Number	County	Colony Name	Latitude	Longitude	Description	Page
270-114.1	Curry	"Unnamed Colony"	42° 5' 58" N	124° 20' 58" W	Flat-topped, sparsely vegetated rock on south side of Cape Ferrelo; connected to mainland at low tide.	386
270-115	Curry	Twin Rocks (East)	42° 5' 35" N	124° 20' 59" W	128' high rock, sparsely vegetated; eastern rock of twin rocks (270-116 in Pitman et al. 1985).	386
270-116	Curry	Twin Rocks (West)	42° 5' 30" N	124° 21' 6" W	101' high rock with very sparse vegetation; western rock of twin rocks (270-115 in Pitman et al. 1985).	388
270-115C	Curry	"Twin Rocks Complex"			Historical information for colonies 270-115 to 270-116 combined	389
270-117	Curry	"Unnamed Colony"	42° 5' 29" N	124° 20' 43" W	Cluster of rocks; westernmost rock 75' high, sparsely vegetated, south of Lone Ranch beach.	390
270-118	Curry	"Unnamed Colony"	42° 5' 25" N	124° 20' 26" W	Cluster of rocks north of Rainbow Island; largest rock is a flat-topped pillar with low vegetation.	391
270-119	Curry	Rainbow Island	42° 5' 6" N	124° 20' 14" W	100' high dome-shaped rock with very sparse vegetation.	391
270-120	Curry	"Unnamed Colony"	42° 5' 5" N	124° 19' 55" W	Cluster of rocks between Rainbow Island and Rainbow Rock.	392
270-121	Curry	White Rock	42° 4' 42" N	124° 20' 20" W	70' high rock with very sparse vegetation.	392
270-122	Curry	"Unnamed Colony"	42° 4' 49" N	124° 19' 39" W	Cluster of three rocks southwest of Taylor Creek mouth.	393
270-123	Curry	Goat Island	42° 3' 57" N	124° 19' 21" W	Very large vegetated island 212' high, west of Harris Beach State Park.	396
270-124	Curry	"Unnamed Colony"	42° 3' 54" N	124° 19' 10" W	Small rock east of Goat Island.	399
270-125	Curry	"Unnamed Colony"	42° 3' 55" N	124° 18' 47" W	110' high arched rock with shrubby vegetation on top.	399
270-125.1	Curry	"Unnamed Colony"	42° 3' 58" N	124° 18' 41" W	Tall spire, connected to mainland at low tide, with thick vegetation on top and west side.	400
270-126	Curry	"Unnamed Colony"	42° 3' 51" N	124° 18' 37" W	Cluster of rocks at Harris Beach State Park; tallest rock has vegetation on top and is connected to mainland by spit; heavy foot traffic.	400

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270-127	Curry	"Unnamed Colony"	42° 3' 24" N	124° 18' 9" W	90' tall rock with vegetation on top; tall rock is 270-127; remaining cluster is 270-128.	401
270-128	Curry	"Unnamed Colony"	42° 3' 20" N	124° 18' 10" W	Cluster of rocks extending from Ransom Creek to headland north of Zwagg Island.	401
270-128.1	Curry	"Unnamed Colony"	42° 3' 14" N	124° 17' 59" W	Mainland colony; cliffs in cove southeast of 270-127.	401

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"Three Sisters"	219-043.2	90
"Thunder Shores"	243-000.2	152
Tichenor Rock	270-039	294
"Tillamook Head North Point"	219-000.1	34
"Tillamook Head Point"	219-004	37
"Tillamook Head Rocks" (Eastern Rocks)	219-001	34
"Tillamook Head Rocks" (Northern Rock)	219-002	36
"Tillamook Head Rocks" (Southwestern Rocks)	219-003	37
Tillamook Rock	219-005	40
Tower Rock	270-023	273
Twin Rocks (East)	270-115	386
Twin Rocks (North)	219-042	86
Twin Rocks (South)	219-043	86
Twin Rocks (West)	270-116	388
"Two Arches Rock"	219-072	137
West Conical Rock	270-035	289
Whale Cove	243-003.1	161
"Whale Cove Rocks" (North)	243-002	160
"Whale Cove Rocks" (South)	243-003	160
"Whaleshead Cove" (East Rock)	270-109	378
"Whaleshead Cove" (West Rock)	270-110	380
Whaleshead Island	270-108	377
White Rock	270-121	392
"Wridge Creek Cove"	270-097.1	364
"Yaquina Bay Bridge"	243-021.1	194
Yellow Rock	270-089	358

Appendix E. Data Source Codes (Ref) for Catalog Tables

Source Number	*Data Source Information*
1	Pitman et al. 1985
2	USFWS. Unpublished field notes. Oregon seabird colony surveys, 1988-1999. USFWS Oregon Coast National Wildlife Refuge Complex, Newport, Oregon
3	USFWS. Unpublished field notes. Oregon seabird colony surveys, 2000-2004. USFWS Oregon Coast National Wildlife Refuge Complex, Newport, Oregon
4	USFWS. Unpublished field notes. Oregon seabird colony survey notes, 1963-1979. USFWS Oregon Coast National Wildlife Refuge Complex, Newport, Oregon
5	Browning and English 1967
6	Prill 1901
7	Finley 1902
8	Finley 1905
9	Jewett 1921
10	Braly 1930
11	Western Foundation of Vertebrate Zoology. Field notes and ornithological collections from various observers, 1929 to 1976. Western Foundation of Vertebrate Zoology, Camarillo, California
12	State Museum of Anthropology. Field notes and ornithological collections. State Museum of Anthropology, University of Oregon, Eugene, Oregon
13	Ferris 1940
14	Boardman 1954
15	Tuck 1955
16	Thoresen 1958
17	Boggs and Boggs 1964
18	Baldridge and Crowell 1965
19	Crowell and Nehls 1966
20	Crowell and Nehls 1967
21	Clifford et al. 1970
22	Crowell and Nehls 1973
23	Crowell and Nehls 1969
24	Crowell and Nehls 1970
25	Crowell and Nehls 1971
26	Scott 1971
27	Crowell and Nehls 1972
28	Scott 1973
29	Scott et al. 1974

30 Hodder, J. pers. comm. Unpublished field notes and student reports, Oregon Institute of Marine Biology, Charleston, Oregon

31 Zeillemaker 1973

32 Hoffman et al. 1978

33 Crowell and Nehls 1975

34 Jobanek 1976

35 Hunn and Mattocks 1977

36 Peters et al. 1978

37 Hunn and Mattocks 1978

38 Scott, J. M. Unpublished field notes. USFWS Oregon Coast National Wildlife Refuge Complex, Newport, Oregon

39 Hodder and Graybill 1985

40 USFWS. Unpublished field notes and reports. USFWS, Willapa National Wildlife Refuge Complex, Ilwaco, Washington

41 Bell 1989

42 Roby, D and K. Collis. Columbia River estuary seabird monitoring, 1996-2004. Unpublished USGS data. USGS-Oregon Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, Oregon State University, Corvallis, Oregon

43 Strong, C. and D. Jaques. Unpublished field notes. Crescent Coastal Research, Crescent City, California

44 Roby, D., D. Craig., and K. Fisher. Columbia River estuary cormorant monitoring, 1999-2003. Unpublished USGS data. USGS-Oregon Cooperative Fish and Wildlife Research Unit, Department of Fisheries and Wildlife, Oregon State University, Corvallis, Oregon

45 Strong, C. Unpublished field notes. Crescent Coastal Research, Crescent City, CA

46 Heaney, J. Unpublished field notes. Bureau of Land Management District Office, Coos Bay, Oregon

Appendix F. Archive Locations of Major Unpublished Data Sets

1979 Statewide survey:
Original photographs and duplicate sets of the 1979 Pitman field notes, Pitman and Varoujean 1980 unpublished report, and Pitman et al.1985 unpublished Catalog of Oregon Seabird Colonies are stored at:
Oregon Coast National Wildlife Refuge Complex
2127 SE Marine Science Drive
Newport, Oregon 97365-5258

USFWS Surveys 1988 - 2004:
Original photographs, notebooks and survey data sheets are stored at:
Oregon Coast National Wildlife Refuge Complex
2127 SE Marine Science Drive
Newport, Oregon 97365-5258

USGS Surveys of the Columbia River 1996 - 2004:
Original photographs, data files and unpublished reports are stored at:
USGS - Oregon Cooperative Fish and Wildlife Research Unit
Department of Fisheries and Wildlife
104 Nash Hall
Oregon State University
Corvallis, Oregon 97331-3803

OIMB Surveys of the "OIMB Cormorant Colony" 1973 - 2004:
Original photographs, data files and unpublished reports are stored at:
Oregon Institute of Marine Biology
P. O. Box 5389
Charleston, Oregon 97420