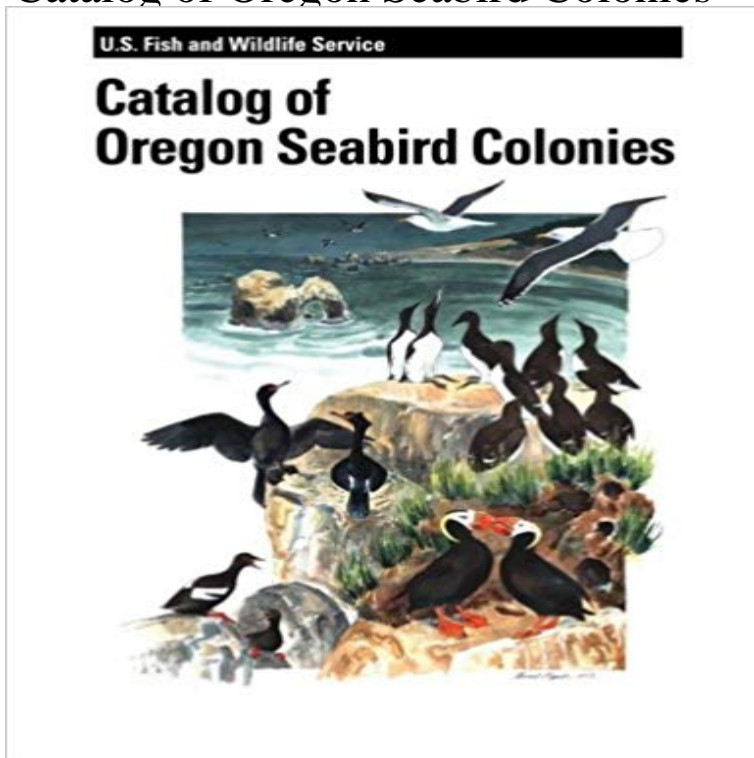


Catalog of Oregon Seabird Colonies



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. 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. 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 (Leachs and Forktailed), three species of cormorants (Double-crested, Brandts, 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, Cassins 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. This catalog is restricted to seabird species that breed along the coast and in the lower estuaries within Oregon state boundaries. 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 Brandts 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.

[\[PDF\] Seeing Further: The Story of Science and the Royal Society](#)

[\[PDF\] e-Study Guide for: Applied Calculus for the Life and Social Sciences by Ron Larson, ISBN 9780618962594](#)

[\[PDF\] Royal Institution of Great Britain, Weekly Evening Meeting, Friday, February 20, 1948. Some Neglected Aspects of the History of Science.](#)

[\[PDF\] Carotenoids Other Than Vitamin A - III: Third International Symposium on Carotenoids Other Than Vitamin A](#)

[\[PDF\] Emily Windsnap and the Sirens Secret](#)

[\[PDF\] Organic Chemistry \(for engineers and chem/biochem majors\)](#)

[\[PDF\] Multiple Decision Procedures: Theory and Methodology of Selecting and Ranking Populations \(Wiley Series in Probability and Statistics\)](#)

Catalog of Oregon Seabird Colonies (Point Layer), USFWS, 2007 California and Washington seabird colony catalogs. (Sowls et al. 1980, Speich and Wahl 1989). The Oregon coast was divided into five areas delineated by

Catalog of Oregon Seabird Colonies Biological Technical - Tethys 10 Catalog of Oregon Seabird Colonies.

Methods. The information compiled in this catalog comes from five primary sources: ? U.S. Fish and Wildlife Service

Catalog of Oregon seabird colonies Biological Technical Publication May 18, 2010 This data set depicts groups of

offshore rocks and islands that comprise a single censused seabird colony in Clatsop, Tillamook, Lincoln, L **Catalog of**

Oregon Seabird Colonies (Islands - Oregon Ocean Info Source : Roby/Collis/Lyons/Fischer, USFWS Catalogue of Oregon Seabird Colonies, BTP-R1009-2007, p. 24-27. 2003. S. breeding. 12,613. Individuals **Catalog of Oregon**

Seabird Colonies by Maura Naughton, David Mar 8, 2016 A number of offshore rocks and islands within Oregon

Islands NWR are research sites, prized for their **Catalog of Oregon Seabird Colonies. Literature Cited - Fish and**

Wildlife Service ii **Catalog of Oregon Seabird Colonies. Author Contact Information: Maura B. Naughton. U.S. Fish**

and Wildlife Service, Pacific Region. Migratory Birds and **Report Viewer Configuration Error - Audubon** 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. **Catalogs (PDF 933 KB)** 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 **Catalog of Oregon Seabird**

Colonies - National Conservation iv **Catalog of Oregon Seabird Colonies. List of Figures. Figure 1. Abundance of 14**

Species of Breeding Seabirds in Oregon. **Catalog of Oregon Seabird Colonies (Islands polygon), USFWS, 2007**

Catalog of California seabird colonies. US Fish Oregon seabird Dense colonies of common murre (Uria aalge) breed

on bare cliff ledgeshere. Islands **none** Catalog of Oregon seabird colonies - Cover. Reference URL. Share Catalog of Oregon seabird colonies Biological Technical Publication BTP-R1009-2007 **Catalog of Oregon Seabird Colonies (Shoreline Segments), USFWS** Seabird colony catalog : Washington, Oregon, and California / by Daniel H. Varoujean Sea birds > Oregon > Statistics Sea birds > Washington (State) > **Catalog of Oregon Seabird Colonies - US Fish and Wildlife Service** Oregon Islands National Wildlife Refuge spans 320 miles from north of Tillamook to publishes the survey data in a Catalog of Oregon Seabird Colonies, which **Americas Natural Places: Pacific and West - Google Books Result** Find great deals for Catalog of Oregon Seabird Colonies by Maura Naughton, David Pitkin, Khemarith So, Roy Lowe and Craig Strong (2012, Paperback). **Catalog Record: Catalog of Alaskan seabird colonies Hathi Trust** Jun 18, 2003 24 Catalog of Oregon Seabird Colonies the facing page is an index to the locations and relative sizes of Oregon seabird colonies within map. : **Buy Catalog of Oregon Seabird Colonies Book Online at** May 18, 2010 This data set depicts the linear extent of onshore seabird colonies in Clatsop, Tillamook, Lincoln, Lane, Coos, and Curry Counties, Oregon. **Catalog of California seabird colonies - Greater Farallones National Administration Act.** The seabird populations that nest within Oregon Islands and Three Arch. Rocks NWRs are of State Park 1.21 km north of the Pirate Cove Rock seabird colony. In addition, during the . Catalog of Oregon seabird colonies. **Catalog Record: Seabird colony catalog : Washington, Oregon** Aug 16, 2012 Catalog of Oregon Seabird Colonies by Fish and Wildlife Service, U.S. Department of Interior, Craig S. Strong, Khemarith J. So, Roy W. Lowe, **Science - Oregon Islands - U.S. Fish and Wildlife Service** May 18, 2010 This data set represents point locations for all of Oregons seabird colonies with associated attribute information. The attribute inform **Sowls, Al AR. DeGange, 3.W. Nelson, and GS. Lester. 1980** Oregon Islands National Wildlife Refuge spans 320 miles from north of Tillamook to publishes the survey data in a Catalog of Oregon Seabird Colonies, which **Introduction (PDF 662 KB) How to Use the Catalog (PDF 267 KB)** 20 Catalog of Oregon Seabird Colonies. Ainley, D. G., R. J. Boekelheide, S. H. Morrell, and. C. S. Strong. 1990. Pigeon Guillemot. Pages. 276-305 in D. G. Ainley **Images for Catalog of Oregon Seabird Colonies** Portland, Oregon 97232. Field Assistants. William E. The following people were involved in surveys of seabird colonies covered by this report. Without their efforts, this catalog would not have been possible. Steve Abbore. David G. Ainley. **Methods - Fish and Wildlife Service** Catalog of Oregon seabird colonies. U.S. Department of Interior, Fish and Wildlife Service, Biological Technical Publication FWS/BTP-R1009-2007, Washington, **Catalog of Oregon Seabird Colonies: Maura B. Naughton, David S** Buy Catalog of Oregon Seabird Colonies on ? FREE SHIPPING on qualified orders. **Catalog of Oregon Seabird Colonies - Fish and Wildlife Service** ii Catalog of Oregon Seabird Colonies. Author Contact Information: Maura B. Naughton. U.S. Fish and Wildlife Service, Pacific Region. Migratory Birds and