

Appendix A

Agency Correspondence

APPENDIX A – AGENCY CORRESPONDENCE

Scoping Letters and Responses

- Agency Mailing List
- Scoping Comments

Endangered Species List Requests and Responses

- U.S. Fish and Wildlife Service
- National Marine Fisheries Service
- Oregon Natural Heritage Information Center

Cultural Resource Requests and Response

Clearinghouse A95 Mailing List

Oregon DEQ
811 SW Sixth Avenue
Portland, OR 97204
(503) 229-5696/(503) 229-5630

Mary Potter
Habitat Conservation Division
Oregon Department of Fish and Wildlife
P.O. Box 59
Portland, OR 97207
(503) 229-5400

Bill Thomas
Oregon DLCD
1175 Court St. NE
Salem, OR 97310
(503) 378-4928

Loree Willnow
Oregon Division of State Lands
775 Summer St. NE
Salem, OR 97310
(503) 378-3805

Marilyn Almero
Oregon State Parks Department
525 Trade St. SE, Suite 301
Salem, OR 97310
(503) 378-6378

James M. Hamrick
Historic Preservation
Oregon State Parks Department
525 Trade St. SE, Suite 301
Salem, OR 97310
(503) 378-5002

Dave Stere
Oregon Department of Forestry
2600 State St.
Salem, OR 97310
(503) 378-2510

Bill Fujii
Oregon Water Resources Department
158 12th St
Salem, OR 97310-0210
(503) 378-8455 ext. 254

Don Hull
Oregon Department of Geology and Mineral Industries
910 State Office Building
Portland, OR 97201
(503) 229-5580
(Reported staff limitations does not allow for review)

INTERGOVERNMENTAL REVIEW OF PROPOSED AIRPORT OR AVIATION PROJECTS FOR WHICH FEDERAL AID HAS BEEN REQUESTED

OREGON DEPARTMENT OF AVIATION
3040 25th Street SE
Salem, OR 97302-1125
(503) 378-4880 (phone), (503) 373-1688 (fax)
Attn: Gary W. Viehdorfer

STATE AGENCY REVIEW

Project Name: 2002 Multiple Airport Layout Plan and Report South project - Bandon State, Brookings and Newport Municipal Airports
Date Sent: 9/12/2001 Return Date: 9/28/2001

To Agency Addressed: If you intend to comment, but cannot respond by the return date, please notify us immediately. If no response is received by due date, it will be assumed that you have no comment.

PROGRAM REVIEW AND COMMENT

TO OREGON DEPARTMENT OF AVIATION: We have reviewed the subject Notice and have reached the following conclusions on its relationship to our plans and programs:

- [] It has no adverse effect.
[] We have no comment.
[] Effects, although measurable, would be acceptable.
[] It has adverse effects. (Explain in Remarks Section.)
[X] We are interested, but require more information to evaluate the proposal. (Explain in Remarks Section.)
[] Additional comments for project improvement. (Attach if necessary.)

REMARKS

Agency: John Lilly DIVISION OF STATE LANDS
Address: 775 Summer St NE SALEM 97301-1279
By: Email: john.lilly@dsl.state.or.us
Telephone: 503-378-3805 x287 Date: 9/17/01

INTERGOVERNMENTAL REVIEW OF PROPOSED AIRPORT OR AVIATION PROJECTS FOR WHICH FEDERAL AID HAS BEEN REQUESTED

OREGON DEPARTMENT OF AVIATION
3040 25th Street SE
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[] Additional comments for project improvement. (Attach if necessary.)

REMARKS

Agency: OREGON DEPT OF FORESTRY
Address: 2600 STATE ST SALEM, OREGON 97310
By: David Norman Email: dmorman@odf.state.or.us
Telephone: 503-945-7413 Date:

INTERGOVERNMENTAL REVIEW OF PROPOSED AIRPORT OR AVIATION
PROJECTS FOR WHICH FEDERAL AID HAS BEEN REQUESTED

OREGON DEPARTMENT OF AVIATION
3040 25th Street SE
Salem, OR 97302-1125
(503) 378-4880 (phone), (503) 373-1688 (fax)
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- Additional comments for project improvement. (Attach if necessary.)

REMARKS

RE: Bandon State Only -
 ANY PROPOSED CLEARING AND/OR EXCAVATION WILL NEED
 TO CONSIDER IMPACTS TO WETLANDS, RIBBON AND
 WILDLIFE HABITAT, & THREATENED, ENDANGERED & SENSITIVE SPECIES
 Agency: OREGON DEPARTMENT FISH AND WILDLIFE IMPACT
 Address: PO BOX 5430, CHARLESTON, OR 97420 CONSIDERATION
 By: John V. Tomano Email: John.V.Tomano@state.or.us
 Telephone: 501-888-5515 Date: 9/20/01

INTERGOVERNMENTAL REVIEW OF PROPOSED AIRPORT OR AVIATION PROJECTS FOR WHICH FEDERAL AID HAS BEEN REQUESTED

OREGON DEPARTMENT OF AVIATION
3040 25th Street SE
Salem, OR 97302-1125
(503) 378-4880 (phone), (503) 373-1688 (fax)
Attn: Gary W. Viehdorfer

STATE AGENCY REVIEW

Project Name: 2002 Multiple Airport Layout Plan and Report South project - Bandon State, Brookings and Newport Municipal Airports
Date Sent: 9/12/2001 Return Date: 9/28/2001

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PROGRAM REVIEW AND COMMENT

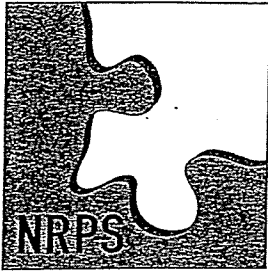
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Effects, although measurable, would be acceptable.
It has adverse effects. (Explain in Remarks Section.)
We are interested, but require more information to evaluate the proposal. (Explain in Remarks Section.)
Additional comments for project improvement. (Attach if necessary.)

REMARKS

Any physical work on these sites will require further review under Section 106.

Agency: State Historic Preservation Office
Address: 115 Commercial St NE, Salem 97301
By: [Signature] Email:
Telephone: 503.378.4168 x233 Date: OCT 1 2001



3030 SW Moody Avenue, Suite 105
Portland, Oregon 97201-4867
www.nrpsi.com

Phone: 503.222.5005
Fax: 503.222.6050
Email: info@nrpsi.com

natural resource planning services, inc.

November 7, 2003

Christine Curran, Review and Compliance Specialist
State Historic Preservation Office
1115 Commercial Street N.E.
Suite 2
Salem, Oregon 97301-1012

RECEIVED
NOV 14 2003
STATE HISTORIC
PRESERVATION OFFICE

Re: Newport Municipal Airport Terminal Update Project

Dear Ms. Curran:

We are seeking information on behalf of the Oregon Department of Aviation regarding occurrences of historic, archaeological, and traditional cultural sites in and near the project area described below. The information will be used to prepare NEPA environmental documentation required for a ten-year periodic review and update of the master plan including the evaluation of potential locations and significance of historic, archaeological, or traditional cultural resources.

The project is located in Lincoln County, Township 11 South, Range 11 West, Sections 29 and 32, W.M two miles south of the city of Newport and east of Highway 101. This project updates the 1991 Newport Municipal Master Plan. This environmental clearance is needed for the 2003 Master Plan that W&H Pacific and Coffman Associates, Inc. are preparing in order to forecast airport aviation facility requirements. As such Federal Aviation Administration requires that the project is categorically excluded from NEPA other than a periodic check key resource agencies as to the status and disposition of the existing resources in the planning area.

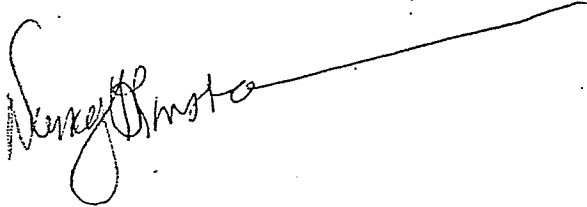
The preferred Master Plan Concept indicates new taxiway and apron as well as improvements to the access roads and parking, the terminal building and hangars may be required to provide services to support the needs for the next ten years of airport operations (see attached Master Plan Concept). Project activities may include limited clearing and grading, paving, compacting, excavating, and other activities associated with hangars and buildings, taxiway and access road improvements. The Vortac will need to be relocated in a site sufficiently distant from the runway and taxiway as shown on the concept plan.

• Ms. Christine Curran
November 7, 2003
Page 2

Please provide any information you have on eligible cultural resources within the study area, i.e., ½ mile around and including the Newport Airport. Also please provide the names of any tribal interests from that area. If you need further information to complete our data request, please call me or send an email message as soon as possible. If you concur with NRPS that the potential for occurrences of historic, archaeological, and traditional cultural sites in or near the study area is extremely low, please send written concurrence of such.

Sincerely,

NRPS



Nancy Olmsted

NOV 17 2003

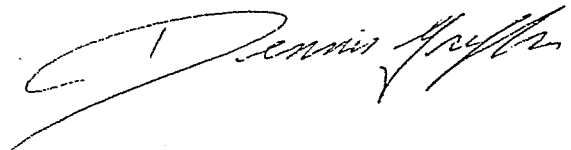
enclosure

According to our records there have been no previous cultural resource surveys conducted near the Newport airport facilities. The project area lies in an area of high potential for buried cultural sites & a survey should be conducted if future land disturbing activities are proposed.

For tribal interests in the area you should contact the Commission on Indian Services [503-986-1067]. They are the official state organization that provides information on tribal areas of interest. I know your project will be of interest to

Historic Preservation
Oregon State Parks & Recreation
1115 Commercial St. NE Ste #2
Salem, Oregon 97301-1012

The Confederated Tribes of Siletz & Grand Ronde but there may be others as well.



U.S. Fish and Wildlife Service
Oregon Fish and Wildlife Office
2600 S.E. 98th Avenue
Portland, OR 97266
Office phone: 503-231-6179
FAX Number: 503-231-6195
Attn: Stacy Sroufe
Chris Allen
Angie Hernandez

SPECIES LIST REQUEST FORM

Note: The U.S. Fish and Wildlife Service provides species list only for actions carried out, funded or authorized by federal agencies. Please contact the Oregon Natural Heritage Program at 503-731-3070 to request species list for non-federal actions.

Entity Requesting Species List: Natural Resource Planning Services, Inc.

Name: Michael R. Wallace
Address (agency or company name and mailing address):
Natural Resource Planning Services, Inc.
3030 SW Moody Avenue
Suite 105
Portland, Oregon 97201

Phone Number: (503) 222-5005 Fax: (503) 222-6050

Proposed Project Name:
Newport Municipal Airport Terminal Plan Update

Proposed Project Description:

The Newport Municipal Airport is performing an update of the Terminal Plan for the facility. As part of the update to the Terminal Plan, an Environmental Checklist must be performed to update any environmental concerns that could be present at or in the vicinity of the airport. Newport Municipal Airport is in the City of Newport, Oregon in Lincoln County.

County: Lincoln County

Action Agency (Primary Federal Nexus): FAA

Name of Contact at Action Agency: Cayla Morgan

Address and Phone:
SEA- 632 ENVIRONMENTALIST
SEATTLE AIRPORTS DISTRICT OFFICE
1601 LIND AVENUE SW, STE 250
RENTON, WA 98055-4056

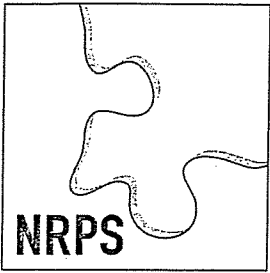
(425) 227-2653
cayla.morgan@faa.gov

Describe Federal Connection to Proposed Project:

Federal Dollars (Federal Aviation Administration [FAA]) will be used to fund the project. The project is being implemented by the Oregon Department of Aviation (ODA) to meet federal regulations at the Newport Municipal Airport.

Location (e.g., Township, Range, Section or Lat/Long) (Include Map both detailed and General):

Township: 11S Range: 11W Section: 29 and 32



3030 SW Moody Avenue, Suite 105
Portland, Oregon 97201-4867
www.nrpsi.com

Phone: 503.222.5005
Fax: 503.222.6050
Email: info@nrpsi.com

natural resource planning services, inc

October 10, 2003

Mr. Ben Meyer
National Marine Fisheries Service
Oregon Habitat Conservation Branch
525 NE Oregon Street Suite 500
Portland, Oregon
(503) 231-2202

Mr. Meyer:

The Newport Municipal Airport is performing an update of the Terminal Plan for the facility. As part of the update to the Terminal Plan, an Environmental Checklist must be performed to update any environmental concerns that could be present at or in the vicinity of the airport. Newport Municipal Airport is in the City of Newport, Oregon in Lincoln County.

Federal funds (Federal Aviation Administration [FAA]) will be used to finance this project. This constitutes the federal nexus.

The project is located within Township 11S, Range 11W, Sections 29 and 32.

I am requesting a list of proposed, threatened, and endangered species for this area, as NRPS, Inc. is preparing the Environmental Checklist for this project. Thank you for your assistance.

Regards,

Michael R. Wallace
Biologist
Natural Resource Planning Services, Inc.
3030 SW Moody Ave. Suite 105
Portland, OR 97201-4867
mike@nrpsi.com
Phone: 503-222-5005
Cell: 503-309-4574
Fax: 503-222-6050
www.nrpsi.com



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
525 NE Oregon Street
PORTLAND, OREGON 97232-2737

Refer to:

OHB2003-0231-SL

November 19, 2003

Michael R. Wallace
Natural Resource Planning Services, Inc.
3030 SW Moody Avenue, Suite 105
Portland, OR 97201-4867

Re: Species List Request for the Newport Municipal Airport, City of Newport, Yaquina River Basin, Lincoln County, Oregon

Dear Ms. Fairbanks:

On October 14, 2003, the National Marine Fisheries Service (NOAA Fisheries) received your letter requesting a list of endangered, threatened candidate species for a proposed action at the Newport Municipal Airport, city of Newport, Lincoln County, Oregon. A list of all anadromous salmonid fishes in Oregon under NOAA Fisheries' jurisdiction that are listed as endangered, threatened, or as a candidate species for listing under the Endangered Species Act (ESA) is enclosed (Enclosure 1). One listed anadromous fish species, Oregon Coast coho salmon (*Oncorhynchus kisutch*), may be present in the proposed action area.

This letter constitutes the required notification of the presence of a federally-listed threatened or endangered species or critical habitat under NOAA Fisheries' jurisdiction in the area that may be affected by the proposed project (Appendix A to Part 330, section C.13(5)(I)). Please contact the U.S. Fish and Wildlife Service regarding the presence of species falling under its jurisdiction.

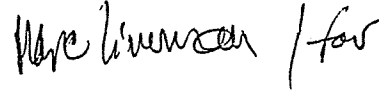
The Pacific Fisheries Management Council, which was established under the Magnuson-Stevens Fishery Conservation and Management Act, has described and identified essential fish habitat (EFH) in each of its fisheries management plans. EFH includes "those waters and substrates necessary to fish for spawning, breeding, feeding, or growth to maturity." All aquatic habitat in Oregon that was historically accessible to groundfish, coastal pelagic species, and coho and chinook salmon is designated EFH (Enclosure 2.).

Please refer to section 7 of the ESA and its implementing regulations (50 CFR Part 402) for information on interagency consultation. Additional information on listed species' distribution, copies of Federal Register documents designating listed species status, and links to various ESA consultation policies and tools may be found on our web site at: www.nwr.noaa.gov.



Please direct any questions regarding this letter to Robert Anderson of my staff in the Oregon Habitat Branch at 503.231.2226.

Sincerely,



Michael P. Tehan
Oregon State Director
Habitat Conservation Division

Enclosures (2)

Endangered, Threatened and Candidate Pacific Salmon Under NOAA Fisheries' Jurisdiction in Oregon
Species with designated EFH in the estuarine EFH composite in the state of Oregon

Enclosure 1

Endangered, Threatened, and Candidate Pacific Salmon
Under NOAA Fisheries' Jurisdiction in Oregon

Evolutionarily Significant Unit	Final Rule E = Endangered T = Threatened C = Candidate	Critical habitat (Final Rule)	Protective Regulations (Final Rule)
Upper Columbia River Spring Chinook Salmon	E: March 24, 1999; 64 FR 14308	N/A	ESA section 9 applies
Snake River Fall Chinook Salmon	T: April 22, 1992; 57 FR 14653 ¹	December 28, 1993; 58 FR 68543	April 22, 1992; 57 FR 14653
Snake River Spring/Summer Chinook Salmon	T: April 22, 1992; 57 FR 14653	October 25, 1999; 64 FR 57399	April 22, 1992; 57 FR 14653
Upper Willamette River Chinook Salmon	T: March 24, 1999; 64 FR 14308	N/A	July 10, 2000; 65 FR 42422
Lower Columbia River Chinook Salmon	T: March 24, 1999; 64 FR 14308	N/A	July 10, 2000; 65 FR 42422
Snake River Basin Steelhead	T: August 18, 1997; 62 FR 43937	N/A	July 10, 2000; 65 FR 42422
Middle Columbia River Steelhead	T: March 25, 1999; 64 FR 14517	N/A	July 10, 2000; 65 FR 42422
Upper Willamette River Steelhead	T: March 25, 1999; 64 FR 14517	N/A	July 10, 2000; 65 FR 42422
Lower Columbia River Steelhead	T: March 19, 1998; 63 FR 13347	N/A	July 10, 2000; 65 FR 42422
Oregon Coast Steelhead	C: March 19, 1998; 63 FR 13347	N/A	N/A
Upper Columbia River Steelhead	E: August 18, 1997; 62 FR 43937	N/A	ESA section 9 applies
Oregon Coast Coho Salmon	T: August 10, 1998; 63 FR 42587	N/A	July 10, 2000; 65 FR 42422
S. Oregon/Northern California Coasts Coho Salmon	T: May 6, 1997; 62 FR 24588	May 5, 1999; 64 FR 24049	July 18, 1997; 62 FR 38479
Lower Columbia River/SW Washington Coho Salmon	C: July 25, 1995; 60 FR 38011	N/A	N/A
Columbia River Chum Salmon	T: March 25, 1999; 64 FR 14508	N/A	July 10, 2000; 65 FR 42422
Snake River Sockeye Salmon	E: November 20, 1991; 56 FR 58619	December 28, 1993; 58 FR 68543	ESA section 9 applies

Enclosure 2

Species with Designated EFH in the Estuarine EFH Composite in the State of Oregon

Groundfish Species	
Leopard Shark (southern OR only)	<i>Triakis semifasciata</i>
Soupfin Shark	<i>Galeorhinus zyopterus</i>
Spiny Dogfish	<i>Squalus acanthias</i>
California Skate	<i>Raja inornata</i>
Spotted Ratfish	<i>Hydrolagus colliei</i>
Lingcod	<i>Ophiodon elongatus</i>
Cabezon	<i>Scorpaenichthys marmoratus</i>
Kelp Greenling	<i>Hexagrammos decagrammus</i>
Pacific Cod	<i>Gadus macrocephalus</i>
Pacific Whiting (Hake)	<i>Merluccius productus</i>
Black Rockfish	<i>Sebastes maliger</i>
Bocaccio	<i>Sebastes paucispinis</i>
Brown Rockfish	<i>Sebastes auriculatus</i>
Copper Rockfish	<i>Sebastes caurinus</i>
Quillback Rockfish	<i>Sebastes maliger</i>
English Sole	<i>Pleuronectes vetulus</i>
Pacific Sanddab	<i>Citharichthys sordidus</i>
Rex Sole	<i>Glyptocephalus zachirus</i>
Rock Sole	<i>Lepidopsetta bilineata</i>
Starry Flounder	<i>Platichthys stellatus</i>
Coastal Pelagic Species	
Pacific Sardine	<i>Sardinops sagax</i>
Pacific (Chub) Mackerel	<i>Scomber japonicus</i>
Northern Anchovy	<i>Engraulis mordax</i>
Jack Mackerel	<i>Trachurus symmetricus</i>
California Market Squid	<i>Loligo opalescens</i>
Pacific Salmon Species	
Chinook Salmon	<i>Oncorhynchus tshawytscha</i>
Coho Salmon	<i>Oncorhynchus kisutch</i>

OREGON NATURAL HERITAGE INFORMATION CENTER

Institute for Natural Resource



OREGON STATE UNIVERSITY
1322 SE Morrison Street
Portland, Oregon 97214-2423

October 28, 2003

Mike R. Wallace
Natural Resource Planning Services, Inc.
3030 SW Moody Avenue, Suite 105
Portland, OR 97201-4867

Dear Mr. Wallace:

Thank you for requesting information from the Oregon Natural Heritage Information Center (ORNHIC). We have conducted a data system search for rare, threatened and endangered plant and animal records for your Newport Municipal Airport Project in Township 11 South, Range 11 West, Sections 29 and 32, W.M.

Twenty-one (21) records were noted within a two-mile radius of your project and are included on the enclosed computer printout. A key to the fields is also included.

Please remember that the lack of rare element information from a given area does not mean that there are no significant elements there, only that there is no information known to us from the site. To assure that there are no important elements present, you should inventory the site, at the appropriate season.

Please note that at this time ORNHIC does not have comprehensive computerized records available for all anadromous fish in Oregon. I have listed below the species that may be present within the waterways contained in the project area. I have also included their listing by the National Marine Fisheries Service (NMFS). For more information on anadromous fish you may wish to contact NMFS at: 525 NE Oregon Street; Portland, Oregon 97232-2737. Please also note that the U.S. Fish and Wildlife Service now has jurisdiction over coastal cutthroat trout.

Coho salmon (Oregon Coastal Runs)	<i>Oncorhynchus kisutch</i>	Threatened
Steelhead (Oregon Coast)	<i>Oncorhynchus mykiss</i>	Candidate

This data is confidential and for the specific purposes of your project and is **not to be distributed**.

If you need additional information or have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read 'Cliff Alton', with a long horizontal flourish extending to the right.

Cliff Alton
Conservation Information Assistant

encl.: invoice (H-102803-CWA5)
computer printout and data key

NAME: GAVIA IMMER
 COMMON NAME: COMMON LOON
 EO-CODE: ABNBA01030*006
 COUNTY(s): LINCOLN
 QUAD NAMES: NEWPORT SOUTH
 PHYSIOGRAPHIC PROV: CR
 T-R-S: 011S011W 17
 T-R-S COMMENTS:
 EO-RANK/COMM: :
 DIRECTIONS: YAQUINA BAY
 DESCRIPTION:
 EO-DATA: WINTERING & FEEDING AREA. LAIMONS OSIS, ODFW BIOLOGIST OBSERVED 7-9 LOONS ON THE BAY FROM JANUARY TO APRIL 1986
 EOTYPE:
 COMMENTS:
 ANNUAL OBSERVATION:
 OWNER:
 MANAGED AREA:
 MANAGE COMM:
 PROT COMM:
 BEST SOURCE: OSIS, LAIMONS. ODFW BIOLOGIST. 1986. PERSONAL COMMUNICATION WITH DATA BASE

NAME: PELECANUS OCCIDENTALIS CALIFORNICUS
 COMMON NAME:
 EO-CODE: ABNFC01021*006
 COUNTY(s): LINCOLN
 QUAD NAMES: NEWPORT SOUTH
 PHYSIOGRAPHIC PROV: CR
 T-R-S: 011S011W 18
 T-R-S COMMENTS:
 EO-RANK/COMM: :
 DIRECTIONS: YAQUINA BAY
 DESCRIPTION: LARGE DROWNED RIVER MOUTH ESTUARY.
 EO-DATA: MAJOR STAGING AREA IN THE FALL MIGRATION. SOME USE IN THE SUMMER AS A FEEDING AREA.
 EOTYPE:
 COMMENTS:
 ANNUAL OBSERVATION:
 OWNER:
 MANAGED AREA:
 MANAGE COMM:
 PROT COMM:
 BEST SOURCE: SNOW, D & L OSIS. ODFW. 1986. PERSONAL COMMUNICATION WITH DATA BASE.

NAME: HALIAEETUS LEUCOCEPHALUS
 COMMON NAME: BALD EAGLE
 EO-CODE: ABNKC10010*181
 COUNTY(s): LINCOLN
 QUAD NAMES: NEWPORT SOUTH
 PHYSIOGRAPHIC PROV: CR
 T-R-S: 011S011W 21,28
 T-R-S COMMENTS: SE4 SEC 21; SE4 SEC 28
 EO-RANK/COMM: :
 DIRECTIONS: YAQUINA BAY
 DESCRIPTION:
 EO-DATA: SEE ANNUAL OBSERVATIONS
 EOTYPE: BREEDING SITE
 COMMENTS: ISAACS AND ANTHONY NESTS 155, 154, 260, 754. NEST 155 NO LONGER EXISTS.
 ANNUAL OBSERVATION: 2000-2 FLEDGED
 1999-BREEDING FAILURE
 1998-2 FLEDGED
 1997-BREEDING FAILURE

1996-1 FLEDGED
 1995-2 FLEDGED
 1994-2 FLEDGED
 1993-2 FLEDGED
 1992-2 FLEDGED
 1991-2 FLEDGED
 1990-BREEDING FAILURE
 1989-BREEDING FAILURE
 1988-NESTING FAILURE
 1987-1 FLEDGED
 1986-2 FLEDGED
 1985-2 FLEDGED
 1984-BREEDING FAILURE
 1983-1 FLEDGED
 1982-BREEDING FAILURE
 1981-1 FLEDGED
 1980-BREEDING FAILURE
 1979-2 FLEDGED
 1978-NESTING FAILURE

OWNER: PRIVATE

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE: ISAACS & ANTHONY, 2000. BALD EAGLE NEST LOCATIONS AND HISTORY OF USE IN OR & WA PORTION OF THE COLUMBIA RIVER RECOVERY ZONE 1971-2000.

NAME: CHARADRIUS ALEXANDRINUS NIVOSUS

COMMON NAME: WESTERN SNOWY PLOVER

EO-CODE: ABNBO3031*011

LAST OBS: 1980-

FED STATUS: PS:LT

COUNTY(s): LINCOLN

FIRST OBS: 1967

STATE STATUS: LT

QUAD NAMES: NEWPORT SOUTH

LAT: 443723N

ORNHP TRACK: Y

PHYSIOGRAPHIC PROV: CR

LONG: 1240240W

PRECISION: M

T-R-S: 011S011W 17

QUADCODE: 4412451

MINELEV (Feet): 0

T-R-S COMMENTS:

EO-RANK/COMM:

DIRECTIONS: YAQUINA BAY; SOUTH BEACH-NEWPORT AREA

DESCRIPTION: SAND DUNES; NEST SITES HAVE MEAN OF 28% COVER OF WHICH 26% IS DRIFTWOOD, <1% VEGETATION, OVER 1/2 OF VEGETATION IS AMMOPHILA ARENARIA

EO-DATA: STEADY DECLINE IN ABUNDANCE FROM 1967-79 WITH HIGH OF 35 IN 1968. 1978-8 NEST; 1979-2 NESTS; 5 ADULTS/YOUNG PRESENT DURING NESTING SEASON 1980, NONE FOUND 1981, 1982, 1984, 1985, 1987, 1988. NOT SURVEYED IN 1983.

EOTYPE:

COMMENTS:

ANNUAL OBSERVATION:

OWNER: STATE; PRIVATE

MANAGED AREA: SOUTH BEACH STATE PARK

MANAGE COMM:

PROT COMM:

BEST SOURCE: BRUCE, 1983. WINTER COAST & NEST RESULTS. ACE. 1977. ENVIRONMENTAL EVALUATION: NORTH JETTY. MARSHALL, D. 1989.

NAME: PROGNE SUBIS

COMMON NAME: PURPLE MARTIN

EO-CODE: ABPAU01010*104

LAST OBS: 1998-08-26

FED STATUS: SOC

COUNTY(s): LINCOLN

FIRST OBS: 1998-05-27

STATE STATUS: SC

QUAD NAMES: NEWPORT NORTH

LAT: 443726N

ORNHP TRACK: Y

PHYSIOGRAPHIC PROV: CR

LONG: 1240235W

PRECISION: S

T-R-S: 011S011W 8

QUADCODE: 4412461

MINELEV (Feet): 15

T-R-S COMMENTS: SE4/SE4

EO-RANK/COMM:

DIRECTIONS: FROM THE MAIN PARKING LOT AT THE HATFIELD MARINA SCIENCE CENTER, LOOK N TO PILINGS E OF THE DOCK FOR THE
BY WECOMA: 13 BOYES ON PILINGS. ALSO 5 BOYES ARE W OF THE DOCK FOR THE WECOMA

DESCRIPTION:

EO-DATA: 1998: 13 PAIRS NESTING IN BOXES.

EOTYPE:

COMMENTS:

ANNUAL OBSERVATION:

OWNER: PRIVATE

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE: HORVATH, E. 1999. DISTRIBUTION, ABUNDANCE, AND NEST SITE CHARACTERISTICS OF PURPLE MARTINS IN OREGON.
UNPUBLISHED REPORT FOR ODFW.

NAME: PROGNE SUBIS

COMMON NAME: PURPLE MARTIN

EO-CODE: ABPAU01010*105

COUNTY(s): LINCOLN

QUAD NAMES: NEWPORT SOUTH

PHYSIOGRAPHIC PROV: CR

T-R-S: 011S011W 16

T-R-S COMMENTS: SE4

EO-RANK/COMM:

DIRECTIONS: FROM THE NE TIP OF IDAHO POINT LOOK N TOWARD THE LARGE BLUE LNG TANK ACROSS BAY. 3 PILINGS ABOUT 500M OUT
IN THE BAY HAVE 1 BOX EACH.

DESCRIPTION:

EO-DATA: 1998: 1 PAIR.

EOTYPE:

COMMENTS:

ANNUAL OBSERVATION:

OWNER: PRIVATE

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE: HORVATH, E. 1999. DISTRIBUTION, ABUNDANCE, AND NEST SITE CHARACTERISTICS OF PURPLE MARTINS IN OREGON.
UNPUBLISHED REPORT FOR ODFW.

NAME: PROGNE SUBIS

COMMON NAME: PURPLE MARTIN

EO-CODE: ABPAU01010*106

COUNTY(s): LINCOLN

QUAD NAMES: NEWPORT SOUTH

PHYSIOGRAPHIC PROV: CR

T-R-S: 011S011W 22

T-R-S COMMENTS: NW4/NE4

EO-RANK/COMM:

DIRECTIONS: ON YAQUINA BAY ROAD UPRIVER OF NEWPORT, THE MARTINS ARE NESTING IN BOXES ON PILINGS IN THE BAY AT A HOUSE
ON THE BAY SIDE OF THE ROAD AT MILEPOST 4.

DESCRIPTION:

EO-DATA: 1998: 4 PAIRS.

EOTYPE:

COMMENTS:

ANNUAL OBSERVATION:

OWNER: PRIVATE

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE: HORVATH, E. 1999. DISTRIBUTION, ABUNDANCE, AND NEST SITE CHARACTERISTICS OF PURPLE MARTINS IN OREGON.
UNPUBLISHED REPORT FOR ODFW.

NAME: ACIPENSER MEDIROSTRIS

COMMON NAME: GREEN STURGEON

EO-CODE: AFCAA01030*003

COUNTY(s): LINCOLN

LAST OBS:

FIRST OBS:

FED STATUS: SOC

STATE STATUS:

QUAD NAMES: NEWPORT NORTH
NEWPORT SOUTH
TOLEDO SOUTH

LAT: 443450N

ORNHP TRACK: N

PHYSIOGRAPHIC PROV: CR

LONG: 1240045W

PRECISION:

T-R-S: 001N010W

QUADCODE: 4412461

MINELEV (Feet):

011S010W

4412451

4412358

T-R-S COMMENTS:

EO-RANK/COMM:

DIRECTIONS: YAQUINA BAY AND ESTUARY, NORTHWEST COAST OF OREGON. NEAR THE TOWN OF NEWPORT.

DESCRIPTION:

EO-DATA: NO COLLECTION INFORMATION AVAILABLE. JUVENILE AND ADULT GREEN STURGEON CONSIDERED COMMON IN YAQUINA BAY AND ESTUARY.

EOTYPE: YEAR-ROUND - fish

COMMENTS: GREEN STURGEON NOT ABUNDANT IN ANY PACIFIC COAST ESTUARY. LITTLE IS KNOWN ABOUT ITS LIFE HISTORY. THIS SPECIES MORE MARINE ORIENTED THAN WHITE STURGEON AND SPENDS LIMITED AMOUNT OF TIME IN FRESHWATER (EXCEPT PERHAPS EARLY JUVENILES AND SPAWNING ADULTS). B91NOA010RUS.

ANNUAL OBSERVATION:

OWNER: STATE

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE: DISTRIBUTION AND ABUNDANCE OF FISHES & INVERTEBRATES IN WEST COAST ESTUARIES. VOL. 2. SPECIES LIFE HISTORY SUMMARIES. US DEPT. OF COMMERCE. NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION.

NAME: ONCORHYNCHUS KETA POP 4

COMMON NAME: CHUM SALMON - PACIFIC COAST RUNS

EO-CODE: AFCHA02024*007

LAST OBS: 2000-PRE

FED STATUS:

COUNTY(S): LINCOLN

FIRST OBS:

STATE STATUS: SC

QUAD NAMES: EDDYVILLE

LAT:

ORNHP TRACK: Y

ELK CITY

TOLEDO NORTH

TOLEDO SOUTH

NEWPORT NORTH

NEWPORT SOUTH

PHYSIOGRAPHIC PROV:

LONG:

PRECISION: M

T-R-S:

QUADCODE: 4412367

MINELEV (Feet):

4412357

4412368

4412358

4412461

4412451

T-R-S COMMENTS:

EO-RANK/COMM:

DIRECTIONS: YAQUINA BAY AND RIVER & TRIBUTARY

DESCRIPTION:

EO-DATA: ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE

EOTYPE: REARING & MIGRATION - fish

COMMENTS: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF CHUM IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

ANNUAL OBSERVATION:

OWNER:

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE: 2000 ODFW GEOGRAPHIC RESOURCES DATA; BUCKMAN, BOB; SPANGLER, JOHN.

NAME: ONCORHYNCHUS KISUTCH POP 3

COMMON NAME: COHO SALMON (OREGON COASTAL RUNS)

EO-CODE: AFCHA02033*583

LAST OBS: 1996-PRE

FED STATUS: LT

COUNTY(s): LINCOLN
QUAD NAMES: NEWPORT SOUTH
PHYSIOGRAPHIC PROV: CR
T-R-S:

FIRST OBS:
LAT:
LONG:
QUADCODE: 4412451

STATE STATUS: SC
ORNHP TRACK: Y
PRECISION: M
MINELEV (Feet):

T-R-S COMMENTS:

EO-RANK/COMM:

DIRECTIONS: THIEL CREEK

DESCRIPTION:

EO-DATA: ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.

EOTYPE: SPAWNING & REARING - fish

COMMENTS: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF COHO IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

ANNUAL OBSERVATION:

OWNER: PRIVATE

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE: 1999 ODFW GEOGRAPHIC RESOURCES DATA.

NAME: ONCORHYNCHUS KISUTCH POP 3

COMMON NAME: COHO SALMON (OREGON COASTAL RUNS)

EO-CODE: AFCHA02033*584

LAST OBS: 2000-PRE

FED STATUS: LT

COUNTY(s): LINCOLN

FIRST OBS:

STATE STATUS: SC

QUAD NAMES: NORTONS

LAT:

ORNHP TRACK: Y

EDDYVILLE

TOLEDO NORTH

HARLAN

ELK CITY

TOLEDO SOUTH

NEWPORT SOUTH

NEWPORT NORTH

PHYSIOGRAPHIC PROV: CR

LONG:

PRECISION: M

T-R-S:

QUADCODE: 4412366

MINELEV (Feet):

4412367

4412368

4412356

4412357

4412358

4412451

4412461

T-R-S COMMENTS:

EO-RANK/COMM:

DIRECTIONS: YAQUINA BAY, YAQUINA RIVER & TRIBUTARIES

DESCRIPTION:

EO-DATA: ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.

EOTYPE: REARING & MIGRATION - fish

COMMENTS: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF COHO IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

ANNUAL OBSERVATION:

OWNER: PRIVATE & STATE

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE: 2000 ODFW GEOGRAPHIC RESOURCES DATA; BUCKMAN, BOB; SPANGLER, JOHN.

NAME: ONCORHYNCHUS MYKISS POP 31

COMMON NAME: STEELHEAD - OREGON COAST WINTER RUN

EO-CODE: AFCHA02136*364

LAST OBS: 1996-PRE

FED STATUS: C

COUNTY(s): LINCOLN
QUAD NAMES: NEWPORT SOUTH
PHYSIOGRAPHIC PROV:
T-R-S:

FIRST OBS:
LAT:
LONG:
QUADCODE: 4412451

STATE STATUS: SV
ORNHP TRACK: Y
PRECISION: M
MINELEV (Feet):

T-R-S COMMENTS:
EO-RANK/COMM:

DIRECTIONS: THIEL CREEK
DESCRIPTION:

EO-DATA: WINTER RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE
EOTYPE: SPAWNING & REARING - fish

COMMENTS: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

ANNUAL OBSERVATION:
OWNER:

MANAGED AREA:
MANAGE COMM:
PROT COMM:

BEST SOURCE: 1999 ODFW GEOGRAPHIC RESOURCES DATA.

NAME: ONCORHYNCHUS MYKISS POP 31
COMMON NAME: STEELHEAD - OREGON COAST WINTER RUN

EO-CODE: AFCHAO2136*365

LAST OBS: 1996-PRE

FED STATUS: C

COUNTY(s): LINCOLN

FIRST OBS:

STATE STATUS: SV

QUAD NAMES: NEWPORT SOUTH

LAT:

ORNHP TRACK: Y

PHYSIOGRAPHIC PROV:

LONG:

PRECISION: M

T-R-S:

QUADCODE: 4412451

MINELEV (Feet):

T-R-S COMMENTS:

EO-RANK/COMM:

DIRECTIONS: GRANT CREEK

DESCRIPTION:

EO-DATA: WINTER RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE
EOTYPE: SPAWNING & REARING - fish

COMMENTS: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

ANNUAL OBSERVATION:

OWNER:

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE: 1999 ODFW GEOGRAPHIC RESOURCES DATA.

NAME: ONCORHYNCHUS MYKISS POP 31
COMMON NAME: STEELHEAD - OREGON COAST WINTER RUN

EO-CODE: AFCHAO2136*366

LAST OBS: 1996-PRE

FED STATUS: C

COUNTY(s): LINCOLN

FIRST OBS:

STATE STATUS: SV

QUAD NAMES: NEWPORT SOUTH

LAT:

ORNHP TRACK: Y

PHYSIOGRAPHIC PROV:

LONG:

PRECISION: M

T-R-S:

QUADCODE: 4412451

MINELEV (Feet):

T-R-S COMMENTS:

EO-RANK/COMM:

DIRECTIONS: HENDERSON CREEK

DESCRIPTION:

EO-DATA: WINTER RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE
EOTYPE: SPAWNING & REARING - fish

COMMENTS: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD. THE INFORMATION PRESENTED IN THIS EOR

COMMENTS:

ANNUAL OBSERVATION:

OWNER: FEDERAL

MANAGED AREA: DRIFT CREEK WILDERNESS AREA
WALDPORT RANGER DISTRICT
SIUSLAW NATIONAL FOREST

MANAGE COMM:

PROT COMM: DRIFT CREEK WA-?

BEST SOURCE: PERKINS, MARK. 1982. NW OREGON BAT SURVEY.

NAME: LYGUS OREGONAE

COMMON NAME: OREGON PLANT BUG

EO-CODE: IIHEM91010*003

COUNTY(s): LINCOLN

QUAD NAMES: NEWPORT NORTH

PHYSIOGRAPHIC PROV: CR

T-R-S: 011S011W 7

LAST OBS: 1994

FIRST OBS: 1994

LAT: 443800N

LONG: 1240345W

QUADCODE: 4412461

FED STATUS:

STATE STATUS:

ORNHP TRACK: Y

PRECISION: G

MINELEV (Feet): 20

T-R-S COMMENTS:

EO-RANK/COMM:

DIRECTIONS: NEWPORT

DESCRIPTION: SAND DUNES NEAR THE BEACH; HOST PLANT IS AMBROSIA CHAMISSONIS.

EO-DATA: 1994: SPECIES OBSERVED.

EOTYPE:

COMMENTS: OBSERVER: MICHAEL SCHWARTZ

ANNUAL OBSERVATION:

OWNER:

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE: SCHWARTZ, MICHAEL, ENTOMOLOGIST

NAME: SPEYERIA ZERENE HIPPOLYTA

COMMON NAME: OREGON SILVERSPOT BUTTERFLY

EO-CODE: IILEPJ6087*007

COUNTY(s): LINCOLN

QUAD NAMES: NEWPORT NORTH

PHYSIOGRAPHIC PROV: CR

T-R-S: 011S011W 07

LAST OBS: 1895-08-18

FIRST OBS: 1895

LAT: 443800N

LONG: 1240345W

QUADCODE: 4412461

FED STATUS: LT

STATE STATUS:

ORNHP TRACK: Y

PRECISION: G

MINELEV (Feet): 40

T-R-S COMMENTS:

EO-RANK/COMM: X

DIRECTIONS: NEWPORT

DESCRIPTION:

EO-DATA: COLLECTED AUGUST 18, 1895, COLLECTOR UNKNOWN. SPECIMEN IN OSU COLLECTION. HISTORIC COLLECTION - POPULATION NOW EXTINCT

EOTYPE:

COMMENTS:

ANNUAL OBSERVATION:

OWNER: PRIVATE

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE: MCCORKLE, D. 1980. ECOLOGICAL INVESTIGATION REPORT: OREGON SILVERSPOT BUTTERFLY - FOREST SERVICE. USDA

NAME: CORDYLANTHUS MARITIMUS SSP PALUSTRIS

COMMON NAME: SALT-MARSH BIRD'S-BEAK

EO-CODE: PDSCROJOC3*019

COUNTY(s): LINCOLN

QUAD NAMES: NEWPORT SOUTH

PHYSIOGRAPHIC PROV: CR

T-R-S: 011S011W 16

LAST OBS: 1990-08-29

FIRST OBS: 1990

LAT: 443717N

LONG: 1240225W

QUADCODE: 4412451

FED STATUS:

STATE STATUS: LE

ORNHP TRACK: Y

PRECISION: S

MINELEV (Feet): 0

T-R-S COMMENTS: NW4NW4 SEC 16

EO-RANK/COMM:

DIRECTIONS: SW OF OSU HATFIELD MARINE SCIENCE CENTER, NEWPORT. 20 METERS WEST OF ASPHALT ESTUARY WALK IN A BAND EXTENDING LENGTH OF WALK IN PATCHES

DESCRIPTION: LOW SALT MARSH SILT OVER A LAYER OF SAND. ASSOICATED SPECIES: JAUMEA CARNOSA, DISTICHLIS SPICATA, SALICORNIA VIRGINICA, PLANTAGO MARITIMA, GLAUX MARITIMA, AND GRINDELIA INTEGRIFOLIA.

EO-DATA: APPROX. 2000 INDIVIDUAL PLANTS. 40% FLOWER, AND IN FRUIT. IN PATCHES OF 10 M X 300 M. 100% ARE MATURE ANNUALS.

EOTYPE:

COMMENTS: 90 ODA SIGHTING REPORT; MASSEY AND MINGO REPORTERS. COLLECTION #1304

ANNUAL OBSERVATION: 1990-2000

OWNER: STATE?

MANAGED AREA:

MANAGE COMM:

PROT COMM: DISTURBANCE CAUSED BY VISITORS WALKING AND PERHAPS TRAMPLING

BEST SOURCE: MASSEY, SUSAN; KENDRA MINGO

NAME: CORDYLANTHUS MARITIMUS SSP PALUSTRIS

COMMON NAME: SALT-MARSH BIRD'S-BEAK

EO-CODE: PDSCROJ0C3*020

LAST OBS: 1990-08-29

FED STATUS:

COUNTY(S): LINCOLN

FIRST OBS: 1990

STATE STATUS: LE

QUAD NAMES: NEWPORT SOUTH

LAT: 443705N

ORNHP TRACK: Y

PHYSIOGRAPHIC PROV: CR

LONG: 1240240W

PRECISION: S

T-R-S: 011S011W 17

QUADCODE: 4412451

MINELEV (Feet): 0

T-R-S COMMENTS: NE4

EO-RANK/COMM: :

DIRECTIONS: S OF OSU MARINE SCIENCE CENTER. DRIVE ACROSS YAQUINA BAY BRIDGE SOUTH, AND TAKE ROAD TO MARINE SCIENCE CENTER. DO NOT DRIVE TO MARINE SCIENCE CENTER, INSTEAD TAKE RIGHT HAND FORK IN ROAD TOWARDS SOUTH BEACH. PLANTS ARE IN SALT MARSH BOUNDARY, SMALL BAY THAT WAS PREVIOUSLY DIKED OFF. DIKE IS NOW BREACHED.

DESCRIPTION: ASSOCIATED WITH SALICORNIA VIRGINICA, JAUMEA CARINOSA, DISTICHLIS SPICATA, DESCHAMPSIA CAESPITOSA, TRIGLOCHIN, GLAUX MARITIMA, PLANTAGO MARITIMA. SALT MARSH WITH SANDY SOILS.

EO-DATA: 2000 PLANTS. 40% FLOWER, 60% FRUIT. IN 10-100 M2. ALL MATURE PLANTS. IN OPEN LIGHT WITH INUNDATED AND SATURATED MOISTURE.

EOTYPE:

COMMENTS: 91 ODA SIGHTING REPORT; MASSEY AND MINGO REPORTERS

ANNUAL OBSERVATION: 1990-2000

OWNER: STATE

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE: MASSEY, SUSAN; KENDRA MINGO

NAME: CAREX BREVICAILIS

COMMON NAME: SHORT-STEMMED SEDGE

EO-CODE: PMCYP03200*010

LAST OBS: 1995-04-16

FED STATUS:

COUNTY(S): LINCOLN

FIRST OBS: 1995-04-16

STATE STATUS:

QUAD NAMES: NEWPORT SOUTH

LAT: 443540N

ORNHP TRACK: Y

PHYSIOGRAPHIC PROV: CR

LONG: 1240352W

PRECISION: M

T-R-S: 011S011W 30

QUADCODE: 4412451

MINELEV (Feet):

T-R-S COMMENTS:

EO-RANK/COMM: :

DIRECTIONS: NEWPORT. SOUTH SHORE HOUSING DEVELOPMENT ADJ TO AND S OF SOUTH BEACH STATE PARK.

DESCRIPTION: STABILIZED SAND DUNE AT THE COAST; LOW-LYING SANDY AREAS, WITH PINUS CONTORTA.

EO-DATA: HERBARIUM COLLECTION.

EOTYPE:

COMMENTS: 1997 CAREX WORKING GROUP REPORT.

ANNUAL OBSERVATION:

OWNER:

MANAGED AREA:

MANAGE COMM:

PROT COMM:

BEST SOURCE:

KEY TO PRINTOUT

NAME AND COMMON NAME: The scientific and common name of the species.

EO-CODE (element occurrence code): Unique Heritage Program code for this occurrence. The first 10 characters are the code for the species, and the last 3 are the occurrence number.

COUNTY(S): County name(s)

QUAD NAMES: Name of the USGS 7.5' topographic quadrangle map(s) where the record is mapped.

PHYSIOGRAPHIC PROVINCE: Code for physiographic province.

BM = Ochoco, Blue and Wallowa Mts. BR = Basin and Range

CR = Coast Range

CB = Columbia Basin

EC = East slope of the Cascades

KM = Klamath Mountains

SP = Snake River Plains

WC = West slope and crest of the Cascades

WV = Willamette Valley

T-R-S: Township, Range and Section, with township first, range second and section third (a space appears between range and section). 004S029E 32 = Township 4S, Range 29E, Section 32. Fractional townships and ranges are further defined in the T-R COMMENTS field.

T-R-S COMMENTS: Comments relating to township, range or section(s), e.g. SE4NE4 or SENE=SE ¼ of the NE ¼.

LASTOBS: Last reported sighting date, in the form YYYY-MM-DD

FIRSTOBS: First reported sighting date for this occurrence in the form YYYY-MM-DD

LAT: latitude, North - in the form DDMMSS **LONG:** longitude, West - in the form DDDMMSS

QUADCODE: Heritage Program code for the USGS 7.5' topo map.

FEDERAL STATUS:

U.S. Fish and Wildlife Service or National Marine Fisheries Service status:

LE = listed endangered

LT = listed threatened

SOC = species of concern

PE = proposed endangered

PT = proposed threatened

C = candidate for listing with enough data available for listing

STATE STATUS:

For animals, Oregon Department of Fish and Wildlife status:

LE=listed endangered

PE=proposed endangered

PT=proposed threatened

SC or C=sensitive-critical

SV or V=sensitive-vulnerable

SP or P=sensitive peripheral or naturally rare

SU or U=sensitive-undetermined

For plants, Oregon Department of Agriculture status:

LE=listed endangered

LT=listed threatened

C=candidate

ORNHP EOTRACK: We currently obtain locational information for only those elements marked with Y(es). Those species marked with N(o) or W(atch) have incomplete data since we do not currently actively track them.

PRECISION: Second (S) = exact location; Minute (M) = location known to nearest 1.5 miles; General (G) = location known to nearest 5 miles.

MINELEV: Minimum elevation, in feet (-1111=not determined).

EO-RANK/COMM: Relative quality of this occurrence (A=best site, B=good population or site, C=fair or small population, D=marginal or destroyed occurrence)

DIRECTIONS: Site name and direction to site

DESCRIPTION: Habitat information, e.g. aspect, slope, soils, associated species, community type, etc.

EO-DATA: Species and population biology - numbers, age, nesting success, vigor, phenology, disease, etc.

EOTYPE: For animals, type of occurrence (e.g. roost, nest, etc.)

COMMENTS: Miscellaneous comments

ANNUAL OBSERVATIONS: Summary of yearly observations

OWNER: federal, state, private, etc.

MANAGED AREA: BLM district, USFS Forest, Private Preserve, etc.

MANAGE COMM: Comments on how the site is managed.

PROT COMM (Protection Comments): Comments regarding protectibility and threats.

BEST SOURCE: Best source of information for this occurrence.

