APPENDIX F

ORNHIC Query Results

OREGON NATURAL HERITAGE INFORMATION CENTER

Institute for Natural Resources

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

March 31, 2005

Valerie Panek
CH2M Hill, Inc.
2300 NW Walnut Boulevard
Corvallis, OR 97330

Dear Ms. Panek:

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 Oregon 34 Expressway (324083.29.03) Project in Township 11 South, Range 5 West, Sections 35 and 36, and Township 12 South, Range 5 West, Sections 1 and 2, W.M.

Forty-two (42) 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.

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,

Cliff Alton
Conservation Information Assistant

encl.: invoice (H-033105-CWA2)
computer printout and data key

Owner Name/Type	Owner Comments	Managed Area Name
Private	Mainly private ownership	

EO Type: Minimum Elev.(m): 61 Annual Observations

EO Data: 1994: total of 7 birds observed between 12-28-93 and 03-13-94. Peak count of 3 birds on 02-04. 1993: 1 banded Aleutian Canada goose(red band Z40) observed in a mixed flock of Canada geese.

EO Comments:

Protection:

Management:

General:

Scientific Name: ***Oncorhynchus tshawytscha pop. 23***

Common Name: **Chinook salmon (Upper Willamette River ESU, spring run)**

Federal Status: LT GRANK: G5T2Q NHP List: 1 Category: Vertebrate Animal

State Status: SRANK: S2 HP Track: Y ELCODE: AFCHA02052

EO ID: 12977 First Obs: Last Obs: 1999-PRE Confirmed:

Directions: MARYS RIVER & TRIBUTARIES

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton		Data currently not available.

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
			44123-D3	Greenberry	17090003 - Upper Willamette
			44123-E3	Corvallis	
			44123-E4	Wren	

Owner Name/Type	Owner Comments	Managed Area Name

EO Type: REARING & MIGRATION - fish Minimum Elev.(m): Annual Observations

EO Data: SPRING RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 2001. 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 CHINOOK IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus tshawytscha pop. 23***

Common Name: **Chinook salmon (Upper Willamette River ESU, spring run)**

Federal Status: LT GRANK: G5T2Q NHP List: 1 Category: Vertebrate Animal

State Status: SRANK: S2 HP Track: Y ELCODE: AFCHA02052

EO ID: 16372 First Obs: Last Obs: 1999-PRE Confirmed:

Directions: WILLAMETTE RIVER & TRIBUTARIES

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton		Data currently not available.
Lane		
Linn		

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
			44123-B1	Coburg	1709000302 - MUDDY CREEK
			44123-B2	Junction City	
			44123-C2	Harrisburg	
			44123-C3	Monroe	
			44123-D2	Peoria	
			44123-D3	Greenberry	
			44123-E2	Riverside	
			44123-E3	Corvallis	

Owner Name/Type	Owner Comments	Managed Area Name

EO Type: REARING & MIGRATION - fish Minimum Elev.(m): Annual Observations

EO Data: SPRING RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.

EO Type: Minimum Elev.(m): 67 Annual Observations

EO Data: UNSPECIFIED # COLLECTED AUG-SEPT 1899. OSU COLLECTION #3118. ASSOC SPP; C. MACROCHEILUS, A. ALUTACEUS. 3 SPECIMENS COLLECTED 05/23/45 COLLECTOR UNKNOWN. STANDARD LENGTHS 44- 49MM. OSU COLLECTION #5404.

EO Comments: WATER CLEAR. GRAVEL 60%, SILT 40%. CURRENT SLOW. NO AQUATIC PLANTS. SOME EMERGENT GRASSES.

Protection:

Management:

General: LONG & BOND SAMPLED THE WILLAMETTE RIVER AT CORVALLIS JUNE- SEPT 1983 AND FOUND NO HYBOPSIS CRAMERI.

Scientific Name: ***Corynorhinus townsendii***

Common Name: **Townsend's big-eared bat**

Federal Status: SOC GRANK: G4 NHP List: 2 Category: Vertebrate Animal

State Status: SC SRANK: S2 HP Track: Y ELCODE: AMACC08010

EO ID: 2522 First Obs: 1956-05-31 Last Obs: 1956-05-31 Confirmed:

Directions: Sensitive Data - contact ORNHIC for more information

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Point [Areal - Estimated (1500 m)]

Town-Range	Sec	Note	Watershed
011S005W			1709000302 - MUDDY CREEK
011S005W			
011S005W			
011S005W			
011S005W			
011S005W			

Owner Name/Type Owner Comments Managed Area Name

EO Type: Minimum Elev.(m): 91 Annual Observations

EO Data: Sensitive Data - contact ORNHIC for more information

EO Comments:

Protection:

Management:

General: OSU FISH & WILDLIFE MAMMAL COLLECTION #FW5003.

Scientific Name: ***Corynorhinus townsendii***

Common Name: **Townsend's big-eared bat**

Federal Status: SOC GRANK: G4 NHP List: 2 Category: Vertebrate Animal

State Status: SC SRANK: S2 HP Track: Y ELCODE: AMACC08010

EO ID: 3501 First Obs: Last Obs: 1981-PRE Confirmed:

Directions: Sensitive Data - contact ORNHIC for more information

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Polygon [Negligible (8 m)]
Linn		

Town-Range	Sec	Note	Watershed
012S005W			1709000302 - MUDDY CREEK
012S005W			
012S004W			
012S005W			
012S005W			
012S004W			
012S005W			
012S005W			
012S004W			

Owner Name/Type Owner Comments Managed Area Name

EO Type: Minimum Elev.(m): 69 Annual Observations

EO Data: Sensitive Data - contact ORNHIC for more information

EO Comments:

Protection:

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
011S004W	31		44123-E2	Riverside	1709000302 - MUDDY CREEK
011S004W	28				1709000304 - OAK CREEK
011S004W	30				
011S004W	20				
011S004W	32				
011S004W	27				
011S004W	33				
011S004W	16				
011S004W	21				
011S004W	29				

Owner Name/Type | Owner Comments | Managed Area Name: WILLAMETTE RIVER GREENWAY

EO Type: Minimum Elev.(m): 59 Annual Observations

EO Data: Between 1 and 12 turtles observed and/or collected between 1953-2002. See source observations.

EO Comments:

Protection:

Management:

General:

Scientific Name: ***Emys marmorata marmorata***

Common Name: **Northwestern pond turtle**

Federal Status: SOC GRANK: G3G4T3T4 NHP List: 2 Category: Vertebrate Animal

State Status: SC SRANK: S2 HP Track: Y ELCODE: ARAAD02031

EO ID: 20702 First Obs: 1991-06-07 Last Obs: 1992-07-15 Confirmed:

Directions: HEWLETT-PACKARD POND ON CIRCLE BLVD, ABOUT 5 MI ENE CORVALLIS AT HEWLETT PACKARD BUILDING

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Polygon [Areal - Delimited (8 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
011S005W	25		44123-E2	Riverside	1709000302 - MUDDY CREEK

Owner Name/Type | Owner Comments | Managed Area Name

EO Type: Minimum Elev.(m): 67 Annual Observations

EO Data: 1992: 1 TURTLE. 1991: 1-3 TURTLES OBSERVED JUNE 7-JULY 16.

EO Comments: IMPOUNDMENT

Protection:

Management:

General: HOLLAND SITE:OR022W

Scientific Name: ***Emys marmorata marmorata***

Common Name: **Northwestern pond turtle**

Federal Status: SOC GRANK: G3G4T3T4 NHP List: 2 Category: Vertebrate Animal

State Status: SC SRANK: S2 HP Track: Y ELCODE: ARAAD02031

EO ID: 25467 First Obs: 1991-08-01 Last Obs: 2002 Confirmed:

Directions: 6 different sites along the Willamette R. SE of Corvallis, including a side channel on the East and West sides of Fischer Island, near the Kiger Island bridge and Muddy Creek.

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Line [Linear (8 m)]
Linn		Point [Areal - Estimated (50 m)]
		Point [Areal - Estimated (50 m)]
		Point [Areal - Estimated (50 m)]
		Point [Areal - Estimated (50 m)]
		Point [Areal - Estimated (100 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
012S005W	01		44123-E2	Riverside	1709000302 - MUDDY CREEK
012S005W	13		44123-E3	Corvallis	
012S004W	07				
012S005W	12				
012S005W	14				

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Point [Areal - Estimated (50 m)]
		Point [Areal - Estimated (50 m)]
		Point [Areal - Estimated (50 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
012S005W	04		44123-E3	Corvallis	1709000305 - MARY¿S RIVER
012S005W	10				
012S005W	09				

Owner Name/Type | Owner Comments | Managed Area Name

EO Type: Minimum Elev.(m): 66 Annual Observations
EO Data: 2002-1996: At 3 sites a total of at least 10 turtles have been observed. See source observations for more details.
EO Comments:
Protection:
Management:
General:

Scientific Name: ***Contia tenuis***
Common Name: **Sharptail snake**
Federal Status: GRANK: G5 NHP List: Category: Vertebrate Animal
State Status: SRANK: S4 HP Track: N ELCODE: ARADB09010
EO ID: 20416 First Obs: 1953 Last Obs: 1953-05-13 Confirmed:
Directions: 2-3 MI N OF CORVALLIS, NEAR THE MACDONALD FOREST BOUNDARY.

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Point [Areal - Estimated (8050 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
011S005W	11		44123-F3	Airlie South	1709000302 - MUDDY CREEK

Owner Name/Type | Owner Comments | Managed Area Name

EO Type: Minimum Elev.(m): 107 Annual Observations
EO Data: MUSEUM COLLECTIONS IN THIS VICINITY INCLUDE:
4-8-53: J. HOUT #9224; 5-4-53: C. KENT #9198-99; AND
5-13-53: E. KAUFMAN # 9220.
EO Comments: SPECIMENS FOUND: UNDER BOARD IN COW PASTURE; UNDER SLAB NEAR FENCE BY GRAINFIELD; AND UNDER PLANK NEAR STREAM.
Protection:
Management:
General: OSU HERPETOLOGICAL RECORDS

Scientific Name: ***Contia tenuis***
Common Name: **Sharptail snake**
Federal Status: GRANK: G5 NHP List: Category: Vertebrate Animal
State Status: SRANK: S4 HP Track: N ELCODE: ARADB09010
EO ID: 21629 First Obs: 1953 Last Obs: 1953-04-10 Confirmed: Y
Directions: 10 MI BY RD FROM CORVALLIS ON OAK CREEK APPROACH TO MCDONALD FOREST BOUNDARY.

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Point [Areal - Estimated (8050 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
011S005W	17		44123-E3	Corvallis	1709000305 - MARY¿S RIVER

Owner Name/Type	Owner Comments	Managed Area Name
STATE		MCDONALD STATE FOREST

EO Type: Minimum Elev.(m): 366 Annual Observations
EO Data: SPECIMEN COLLECTED BY V. GORDON. (OSU COLLECTION #OSUZ 9291). FOUND TIGHTLY COILED UNDER A ROCK ALONG THE EDGE OF THE ROAD AT 5:00PM
EO Comments: STEEP, GRASSY SW FACING SLOPE - LOOSE ROCKSLIDE ABOVE ROAD.
Protection:
Management:
General: MAPPED ALONG OAK CREEK NEAR DIMPLE HILL - EXACT LOCATION UNCERTAIN.

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
010S005W	31		44123-E2	Riverside	1709000302 - MUDDY CREEK
010S005W	27		44123-E3	Corvallis	1709000305 - MARY¿S RIVER
010S005W	29		44123-F2	Lewisburg	1709000306 - LUCKIAMUTE RIVER
011S005W	22		44123-F3	Airlie South	
011S005W	20				
011S005W	14				
011S005W	17				
011S005W	12				
011S005W	10				
011S005W	08				
011S005W	01				
011S005W	02				
011S005W	04				
011S005W	06				
010S005W	35				
010S005W	33				
010S005W	32				
010S005W	34				
010S005W	36				
011S005W	05				
011S005W	03				
011S005W	07				
011S005W	09				
011S005W	11				
011S005W	18				
011S005W	16				
011S005W	15				
011S005W	13				
011S005W	21				
011S005W	23				
010S005W	28				
010S005W	26				

Owner Name/Type	Owner Comments	Managed Area Name
STATE	OREGON STATE UNIVERSITY	MCDONALD STATE FOREST

EO Type: Minimum Elev.(m): 305 Annual Observations

EO Data: NEVER ABUNDANT, BUT MOST FREQUENT IN MCDONALD FOREST. LAST KNOWN SPECIMEN COLLECTED BY PAUL HAMMOND IN MCDONALD FOREST IN 1973

EO Comments: A WILLAMETTE VALLEY SPECIES THAT OCCUPIED MORE MESIC SITES

Protection:

Management:

General:

Scientific Name: ***Speyeria callippe ssp. 1***

Common Name: **Willamette callippe fritillary (butterfly)**

Federal Status: GRANK: G5TH NHP List: 1-ex Category: Invertebrate Animal

State Status: SRANK: SX HP Track: Y ELCODE: IILEPJ609H

EO ID: 7409 First Obs: 1965 Last Obs: 1989 Confirmed:

Directions: MCDONALD FOREST

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Point [Areal - Estimated (4000 m)]

Protection:
Management:
General:

Scientific Name: ***Lomatium bradshawii***
Common Name: **Bradshaw's lomatium**
Federal Status: LE | GRANK: G2 | NHP List: 1 | Category: Vascular Plant
State Status: LE | SRANK: S2 | HP Track: Y | ELCODE: PDAPI1B030
EO ID: 15569 | First Obs: 1977 | Last Obs: 2000-04-20 | Confirmed: Y
Directions: JACKSON-FRAZIER WETLAND, FLOODPLAIN BETWEEN CONFLUENCE OF JACKSON AND FRAZIER CREEKS. NORTH OF CORVALLIS, AT THE END OF LANCASTER RD., 1 MILE EAST OF 99E OFF OF ALPINE.

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Polygon [Areal - Delimited (8 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
011S005W	13		44123-E2	Riverside	1709000302 - MUDDY CREEK

Owner Name/Type	Owner Comments	Managed Area Name
CITY	CITY OF CORVALLIS	

EO Type: | Minimum Elev.(m): 69 | Annual Observations
EO Data: 2000: 45 plants, 80% in flower, 80% mature, 20% immature, 6 1/2 acre area.1999: 5 PLANTS. 1996: POPULATION APPEARS TO HAVE RECOVERED BUT LIMITED TO SOUTHERN END OF FLOODPLAIN. 1985: AREA PLOWED. 1982 (5-20): 100 PLANTS. 1981: 1000 PLANTS, MOST HABITAT DESTROYED.
- 2000 - 45
- 1999 - 5
- 1996 - SOME PLANTS
- 1985 - AREA PLOWED
- 1982 - 100
- 1981 - 1000

EO Comments: WET PRAIRIE DOMINATED BY HORDIUM BRACHYANTHERUM, DESCHAMPSIA CAESPITOSA, AND CAREX SPECIES.
Protection:
Management: Disturbances: Mown during the summer.
General: 2000 plant sighting form from Michael Shippey and Greta Murdoff. 1999 INFO FROM ANDY ROBINSON, USFWS, 2000 MAP.

Scientific Name: ***Lomatium bradshawii***
Common Name: **Bradshaw's lomatium**
Federal Status: LE | GRANK: G2 | NHP List: 1 | Category: Vascular Plant
State Status: LE | SRANK: S2 | HP Track: Y | ELCODE: PDAPI1B030
EO ID: 20013 | First Obs: 1991-05-15 | Last Obs: 1991-05-15 | Confirmed:
Directions: N OF CORVALLIS. FIELD AT NE CORNER OF JCT. RTE 99W AND CONIFER BLVD.

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Polygon [Areal - Delimited (8 m)] Polygon [Areal - Delimited (8 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
011S005W	24		44123-E2	Riverside	1709000302 - MUDDY CREEK

Owner Name/Type	Owner Comments	Managed Area Name

EO Type: | Minimum Elev.(m): 76 | Annual Observations
EO Data: 5 FLOWERING PLANTS, NO SEEDLINGS SEEN. 3-4 STEMS WITH DEVELOPING FRUITS. ABOUT 5-10 ACRES
- 1991 - 5

EO Comments: DISTURBED, PROBABLY FILLED FIELD, FORMER WETLAND, DITCH ON N BOUNDARY, DOMINATED BY FESTUCA ARUNDINACEA. ASSOCIATED SP: CAMASSIA QUAMASH, FESTUCA ARUNDINACEA, DAUCUS CAROTA, SMALL RUBUS DISCOLOR.
Protection: STAKES AND CONSTRUCTION TRAILER SUGGEST DEVLOPMENT IS AN IMMEDIATE THREAT
Management:
General: 1991 FIELD SURVEY OF CONIFER BLVD; R. BRAINERD AND P. ZIKA SURVEYORS

Scientific Name: ***Lathyrus holochlorus***
Common Name: **Thin-leaved peavine**
Federal Status: SOC | GRANK: G2 | NHP List: 1 | Category: Vascular Plant
State Status: | SRANK: S2 | HP Track: Y | ELCODE: PDFAB250B0
EO ID: 219 | First Obs: 1916-05-04 | Last Obs: 1926-04-28 | Confirmed:
Directions: 1926: OPEN WOODS IN VICINITY OF OAK CREEK, CORVALLIS. 1916: ALONG OAK CREEK SW OF CORVALLIS.

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Point [Areal - Estimated (1500 m)]

Owner Name/Type | Owner Comments | Managed Area Name

EO Type:
EO Data:
EO Comments:
Protection:
Management:
General:

Minimum Elev.(m): | Annual Observations

Scientific Name: ***Lathyrus holochlorus***
Common Name: **Thin-leaved peavine**
Federal Status: SOC | GRANK: G2 | NHP List: 1 | Category: Vascular Plant
State Status: | SRANK: S2 | HP Track: Y | ELCODE: PDFAB250B0
EO ID: 14411 | First Obs: 1979 | Last Obs: 1979 | Confirmed: Y
Directions: INTERSECTION OF HWY 334 AND ORLEANS AVE (E OF CORVALLIS)

County Name: Linn
Ecoregion: WV
Source Feature [Uncertainty Type (Distance)]: Point [Areal - Estimated (400 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
011S004W	33		44123-E2	Riverside	1709000302 - MUDDY CREEK

Owner Name/Type: COUNTY; STATE?
Owner Comments: COUNTY ROADS; STATE HIGHWAY
Managed Area Name:

EO Type:
EO Data:
EO Comments: FENCEROW
Protection:
Management:
General: 1979-1980 SIGHTING, STEVE BROICH LETTER TO B. HEIDEL, USFWS

Minimum Elev.(m): -339 | Annual Observations

Scientific Name: ***Lathyrus holochlorus***
Common Name: **Thin-leaved peavine**
Federal Status: SOC | GRANK: G2 | NHP List: 1 | Category: Vascular Plant
State Status: | SRANK: S2 | HP Track: Y | ELCODE: PDFAB250B0
EO ID: 16570 | First Obs: 1947-04-21 | Last Obs: 1947-04-21 | Confirmed: Y
Directions: ONE MI E OF CORVALLIS, LINN COUNTY

County Name: Benton, Linn
Ecoregion: WV
Source Feature [Uncertainty Type (Distance)]: Point [Areal - Estimated (1500 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
011S004W	31		44123-E2	Riverside	1709000302 - MUDDY CREEK
011S004W	29				
011S005W	25				
012S004W	06				
012S004W	05				
011S004W	30				
011S005W	36				
011S004W	32				
012S005W	01				

Owner Name/Type | Owner Comments | Managed Area Name

EO Type:
EO Data:
EO Comments:
Protection:
Management:
General: HERBARIUM COLLECTION: BAKER 3650, 4-12-1947, ???HERB

Minimum Elev.(m): -339 | Annual Observations

Scientific Name: ***Lupinus sulphureus ssp. kincaidii***
Common Name: **Kincaid's lupine**
Federal Status: LT | GRANK: G5T2 | NHP List: 1 | Category: Vascular Plant
State Status: LT | SRANK: S2 | HP Track: Y | ELCODE: PDFAB2B2W1

EO Type: Minimum Elev.(m): 77

EO Data: 56 INDIVIDUALS IN 100 SQ. METERS - 1 HA. IN FLOWER AND FRUIT (1989). 49 INDIVIDUALS (6-26-1990). SEEN IN 1992-95, NO APPARENT CHANGES FROM PREVIOUS YEARS.

Annual Observations
- 1995 - NO APPARENT CHANGE
- 1994 - NO APPARENT CHANGE
- 1993 - NO APPARENT CHANGES
- 1992 - NO APPARENT CHANGES
- 1991 - NO APPARENT CHANGES
- 1990 - 70 PLANTS
- 1989 - 56 PLANTS

EO Comments: OPEN TO DENSE FRLA SWALE ALONG CREEK. IN DRAINAGE CHANNELS AND ALONG CREEK BANKS GENERALLY IN SHADE. FAIRLY NON-WEEDY UNDERSTORY. ASSOCIATED W/GALIU, STELL, CAMAS, RUMEX, POA, GEMA AND GRASSES. HEAVY CLAY SOIL.

Protection: ADJACENT TO RESIDENCE AND VERY CLOSE TO MAJOR THOROUGHFARE.

Management:

General: 1990 MWLD SIGHTING REPORT; HALSE, R. AND GLAD, J; MWLD SITE CODE 12050501. 1989 MWLDE (6-28) SIGHTING REPORT, HALSE, R. AND J. GLAD; 1993-95 CH2M HILL TECHNICAL MEMO

Scientific Name: ***Sidalcea nelsoniana***

Common Name: **Nelson's sidalcea**

Federal Status: LT | GRANK: G2 | NHP List: 1 | Category: Vascular Plant

State Status: LT | SRANK: S2 | HP Track: Y | ELCODE: PDMAL110H0

EO ID: 9790 | First Obs: 1991 | Last Obs: 1995 | Confirmed:

Directions: SW OF CORVALLIS, NEAR SQUAW CREEK, JUST SOUTH OF COUNTY FAIRGROUNDS. 1991: VACANT LOT ON NW CORNER OF SW 53RD AVE. AND RESERVOIR RAOD INTERSECTION, WEST OF CORVALLIS.

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Point [Areal - Estimated (50 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
012S005W	04		44123-E3	Corvallis	1709000305 - MARY¿S RIVER

Owner Name/Type	Owner Comments	Managed Area Name

EO Type: Minimum Elev.(m):

EO Data: 1 PISTILLATE-FLOWERED PLANT (1991-95)

Annual Observations
- 1995 - 1 PLANT
- 1994 - 1 PLANT
- 1993 - 1 PISTILLATE PLANT
- 1992 - 1 PISTILLATE PLANT
- 1991 - 1 PISTILLATE PLANT

EO Comments: WEEDY VACANT LOT. ASSOCIATED WITH CHRYSANTHEMUM LEUCANTHEMUM, FESTUCA ARUNDINACEA, JUNCUS SP., AND MALUS SP.

Protection:

Management:

General: 1991 CH2MHILL/MWLD REPORT ON SIDALCEA NELSONIANA TO USFWS; 1993-95 CH2M HILL TECHNICAL MEMO

Scientific Name: ***Sidalcea nelsoniana***

Common Name: **Nelson's sidalcea**

Federal Status: LT | GRANK: G2 | NHP List: 1 | Category: Vascular Plant

State Status: LT | SRANK: S2 | HP Track: Y | ELCODE: PDMAL110H0

EO ID: 12127 | First Obs: 1985 | Last Obs: 1995 | Confirmed:

Directions: OSU POULTRY FARM, CORVALLIS (TURKEY AREA) & AREA DIRECTLY E OF HARRISON & 53RD (2 REPORTS MAPPED AS 1) AND ALONG BRANCH OF OAK CR.

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Polygon [Areal - Delimited (8 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
011S005W	33		44123-E3	Corvallis	1709000305 - MARY¿S RIVER

Owner Name/Type	Owner Comments	Managed Area Name
STATE	OREGON STATE UNIVERISTY	OREGON DEPT. OF HIGHER EDUCATION

EO Type: Minimum Elev.(m): 67 Annual Observations

EO Data: 62 PLANTS IN 100 SQ. METERS - 1 HA, IN FLOWER (1989). 56 PLANTS (1990). SEEN IN 1991-95, NO CHANGES APPARENT FROM PREVIOUS YEARS.

- 1995 - NO APPARENT CHANGES
- 1994 - NO APPARENT CHANGES
- 1993 - NO APPARENT CHANGES
- 1992 - NO APPARENT CHANGES
- 1991 - NO APPARENT CHANGES
- 1990 - 56 PLANTS
- 1989 - 62 PLANTS

EO Comments: PARTLY TO DENSELY SHADED POTR-FRLA SWALE AT SE EDGE OF CITY PROPERTY. RUBUS THICKETS. DISY STANDS. ASSOCIATED W/RUBUS (MOSTLY RUDI), DISY, GALIA, GEMI, GERAN, STACH, HOLA, RUMEX, ROSA.

Protection: RUBUS IS BURYING MANY OF THE PLANTS.

Management: CITY IS DUMPING DIRT JUST WEST OF SWALE

General: 1989 MWLD SIGHTING REPORT, HALSE, R. AND GLAD, J.; 1993-95 CH2M HILL TECHNICAL MEMO

Scientific Name: ***Sidalcea nelsoniana***

Common Name: **Nelson's sidalcea**

Federal Status: LT GRANK: G2 NHP List: 1 Category: Vascular Plant

State Status: LT SRANK: S2 HP Track: Y ELCODE: PDMAL110H0

EO ID: 21447 First Obs: 1985 Last Obs: 1995 Confirmed:

Directions: WALNUT PARK, CORVALLIS

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Polygon [Areal - Delimited (8 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
011S005W	28		44123-E3	Corvallis	1709000305 - MARY¿S RIVER

Owner Name/Type	Owner Comments	Managed Area Name
CITY	CITY OF CORVALLIS	

EO Type: Minimum Elev.(m): 85 Annual Observations

EO Data: 8 PLANTS, IN BUD, FLOWER & FRUIT- FRUIT COLLECTED 7-23-85. ID BY DR. CHAMBERS. 5 PLANTS IN FLOWER & FRUIT (1986). 2 PLANTS (1987). 4 PLANTS (1989). 4 PLANTS IN 1990. 4 PLANTS IN 1991, 2 IN FLOWER. 4 PLANTS IN 1992-95.

- 1995 - 4 PLANTS
- 1994 - 4 PLANTS
- 1993 - 4 PLANTS
- 1992 - NOT COUNTED; NO APPARENT CHANGE
- 1991 - 4 PLANTS, 2 IN FLOWER
- 1990 - 4 PLANTS
- 1989 - 4 PLANTS
- 1988 - ?
- 1987 - 2 PLANTS, VULNERABLE TO FURTHER EROSION OF STREAMBANK
- 1986 - 5 PLANTS
- 1985 - 8 PLANTS

EO Comments: FRLA/SALIX/JUNCUS EFFUSUS. ON DITCH BANK

Protection: STREAMBANKS SHOWED SIGNS OF RECENT CAVING AND BEING MOWED. STREAMBANK STABLE IN 1991.

Management:

General: 1985 (6/24) SIGHTING REPORT, SAWTELLE, N. 1985 SIDALCEA NELSONIANA REPORT TO USFWS. ALSO SEEN 1986 (6/30) BY INGERSOLL & HALSE. 1987 S. NELSONIANA REPORT TO USFWS (CH2M HILL-MCMINNVILLE WATER & LIGHT STUDY). 1989, 1990, 1991 S. NELSONIANA REPORT TO SAME. SAWTELLE HERBARIUM COLLECTION, S.N., OSC. 1993-95 CH2M HILL TECHNICAL MEMO

Scientific Name: ***Delphinium pavonaceum***

Common Name: **Peacock larkspur**

Federal Status: SOC GRANK: G1Q NHP List: 1 Category: Vascular Plant

State Status: LE SRANK: S1 HP Track: Y ELCODE: PDRAN0B1D0

EO ID: 18855 First Obs: 1991 Last Obs: 1991-06-06 Confirmed:

Directions: CORVALLIS, WEST OF HWY 99, APPROX. HALF-WAY BETWEEN BUCHANAN AVE. AND CIRCLE BLVD. ON LAND BETWEEN HWY 99 AND THE RAILROAD. TUA YUEN RESTAURANT SEEN ON 9TH STREET WHEN STANDING ON 99 ABOVE THE SITE.

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Point [Areal - Estimated (400 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
011S005W	26		44123-E3	Corvallis	1709000302 - MUDDY CREEK

Owner Name/Type	Owner Comments	Managed Area Name
CITY	CITY OF CORVALLIS	

EO Type: Minimum Elev.(m): -339 Annual Observations

EO Data: APPROX. 75 PLANTS WITH AT LEAST 2 PURPLE PLANTS.

- 1991 - 75

County Name	Ecoregion	Source Feature [Uncertainty Type (Distance)]
Benton	WV	Point [Areal - Estimated (50 m)]

Town-Range	Sec	Note	QuadCode	QuadName	Watershed
012S005W	01		44123-E2	Riverside	1709000302 - MUDDY CREEK

Owner Name/Type	Owner Comments	Managed Area Name
CITY	CITY OF CORVALLIS	

EO Type: Minimum Elev.(m): 62 Annual Observations

EO Data: ABOUT 500 PLANTS IN LEAF AND BUD STAGES, AGE UNSPECIFIED, 5-10 M2 AREA.

EO Comments: SMALL MUDDY POND, FLOATING AQUATIC HABITAT WITH LEMNA MINOR AND W. BRAZILIENSIS.

Protection: FLOODS OCCASIONALLY; HERBICIDES ONLY POSSIBLE THREAT, UNLESS WATER QUALITY CHANGES.

Management:

General: 1994 ONHP SIGHTING REPORT, PETER ZIKA, OBSERVER

42 records total

Key to Oregon Natural Heritage Information Center Data

Field Name	Description
Source Feature	A Source Feature is the initial translation of a discrete unit of observation data as a spatial feature. Creation of a Source Feature requires an interpretive process. The likely location and extent of an observation is determined through consideration of the amount and direction of any variability between the recorded and actual locations of the observation data. In most cases, the Source Feature is delineated to encompass locational uncertainty. A Source Feature can be a point, line, or polygon. The type of Source Feature developed depends on both the preceding conceptual feature type and the locational uncertainty associated with the feature.
Uncertainty Type (Distance)	The recorded location of an observation of an Element may vary from its true location due to many factors, including the level of expertise of the data collector, differences in survey techniques and equipment used, and the amount and type of information obtained. This inaccuracy is characterized as locational uncertainty, and is assessed for Source Feature(s) based on the uncertainty associated with the underlying information on the location of the observation. Four categories of locational uncertainty have been identified, as follows: Negligible uncertainty is less than or equal to 6.25 meters in any dimension. Source Features with negligible uncertainty are based on a comprehensive field survey with high quality mapping and a high degree of certainty. Linear uncertainty is greater than 6.25 meters, and varies along an axis (e.g., a path, stream, ridgeline). The true location of an observation with linear uncertainty may be visualized as effectively sliding along a line that delineates the uncertainty. Areal delimited uncertainty is greater than 6.25 meters, and varies in more than one dimension. The true location of an observation can be visualized as floating within an area with a boundary that can be specifically delimited. Boundaries can be defined using roads, bodies of water, etc. Areal estimated uncertainty is greater than 6.25 meters, and varies in more than one dimension. A boundary cannot be specifically delimited based on the observation information, i.e., the actual extent is unknown. The true location of the observation can be visualized as floating within an area for which boundaries cannot be specifically delimited. Source Features with areal estimated uncertainty require that the user specify an estimated uncertainty distance to be used for buffering the feature to incorporate the locational uncertainty.
Town-Range, Sec, and Note	United States rectangular land survey (also known as the Public Land Survey System) legal township, range, and section descriptions that best define the location of the Element Occurrence. Township first (4 bytes), range second (4 bytes). For example: 004S029E = Township 4S, Range 29E. All locations are with reference to the Willamette Meridian. Fractional ranges or townships are indicated in the Note field.
Quadcode	USGS code for the USGS topographic quadrangle map(s) where the record is mapped.
Quadname	Name of the USGS topographic quadrangle map(s) where the record is mapped.
Watershed	Watershed(s), identified according to the U.S. Geological Survey (USGS) Hydrologic Unit Map 10-digit code, within which the Element Occurrence is located.
Owner Name/Type and Comments	Federal, State, Private, etc.
Managed Area Name	BLM District, USFS Forest, Private Preserve
EO Type	For animals, type of occurrence, eg. roost, nest, spawning, etc.
EO Data	Species and population biology - numbers, age, nesting success, vigor, phenology, disease, pollinators, etc.
EO Comments	Habitat information, e.g. aspect, slope, soils, associated species, community type, etc.
Minimum Elevation	Minimum elevation of the area covered by the range of the taxon, in meters. -339 or blank=not determined.
Annual Observation	Summary of yearly observation.
Protection	Comments on protectibility and threats.
Management	Comments on how the site is managed.
General	Miscellaneous comments.