

U.S. Fish and Wildlife Serv., Interior

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Habitat is located. Unless otherwise indicated within the Critical Habitat description, the State and county(ies) names are provided for informational purposes only.

(c) Critical Habitat management focuses only on the biological or physical constituent elements within the defined area of Critical Habitat that are essential to the conservation of the species. Those major constituent elements that are known to require special management considerations or protection will be listed with the description of the Critical Habitat.

(d) The sequence of species within each list of Critical Habitats in §§ 17.95 and 17.96 will follow the sequences in the lists of Endangered and Threatened wildlife (§ 17.11) and plants (§ 17.12). Multiple entries for each species will be alphabetic by State.

[45 FR 13021, Feb. 27, 1980]

**§ 17.95 Critical habitat—fish and wild life.**

(a) *Mammals.*

INDIANA BAT (*Myotis sodalis*)

Illinois. The Blackball Mine, La Salle County.

Indiana. Big Wyandotte Cave, Crawford County; Ray's Cave, Greene County.

Kentucky. Bat Cave, Carter County; Coach Cave, Edmonson County.

Missouri. Cave 021, Crawford County; Cave 009, Franklin County; Cave 017, Franklin County; Pilot Knob Mine, Iron County; Bat Cave, Shannon County; Cave 029, Washington County (numbers assigned by Division of Ecological Services, U.S. Fish and Wildlife Service, Region 6).

Tennessee. White Oak Blowhole Cave, Blount county.

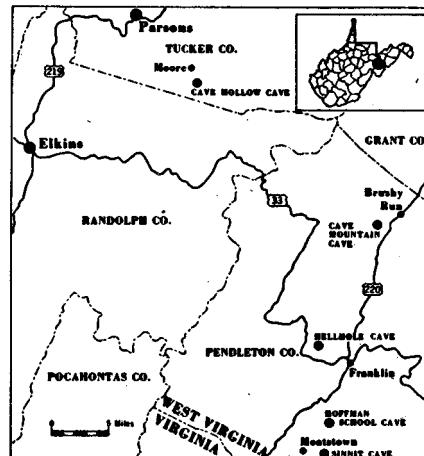
West Virginia. Hellhole Cave, Pendleton County.

NOTE: No map.

VIRGINIA BIG-EARED BAT (*Plecotus townsendii virginianus*)

West Virginia. Cave Mountain Cave, Hellhole Cave, Hoffman School Cave, and Sinnit Cave, each in Pendleton County; Cave Hollow Cave, Tucker County.

NOTE: Map follows:

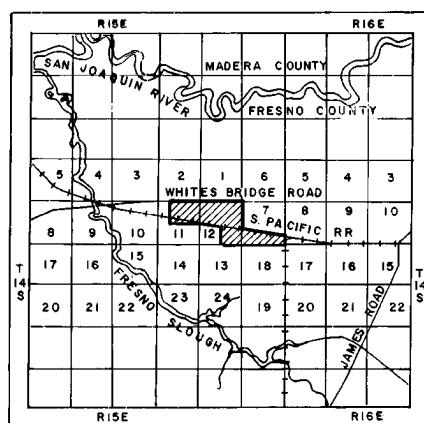


FRESNO KANGAROO RAT (*Dipodomys nitratoides exilis*)

California. An area of land, water, and airspace in Fresno County, with the following components (Mt. Diablo Base Meridian): T14S R15E, E½ NW¼ and NE¼ Sec. 11, that part of W½ Sec. 12 north of the Southern Pacific Railroad, E½ Sec. 12; T14S R16E, that part of Sec. 7 south of the Southern Pacific Railroad.

Within this area, the major constituent elements that are known to require special management considerations or protection are the hummocks and substrate that provide sites for burrow construction, and the natural alkali sink-open grassland vegetation that provides food and escape cover.

NOTE: Map follows:

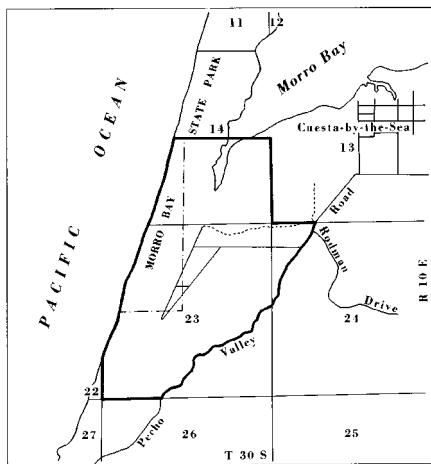


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### MORRO BAY KANGAROO RAT (*Dipodomys heermanni morroensis*)

*California.* An area of land, water, and airspace in San Luis Obispo County, with the following components (Mt. Diablo Meridian): T30S R10E S½ Sec. 14, those portions of Sec. 23-24 west of Pecho Valley Road.

NOTE: Map follows:



### FLORIDA MANATEE (*Trichechus manatus*)

*Florida.* Crystal River and its headwaters known as King's Bay, Citrus County; the Little Manatee River downstream from the U.S. Highway 301 bridge, Hillsborough County; the Manatee River downstream from the Lake Manatee Dam, Manatee County; the Myakka River downstream from Myakka River State Park, Sarasota and Charlotte Counties; the Peace River downstream from the Florida State Highway 760 bridge, De Soto and Charlotte Counties; Charlotte Harbor north of the Charlotte-Lee County line, Charlotte County; Caloosahatchee River downstream from the Florida State Highway 31 bridge, Lee County; all U.S. territorial waters adjoining the coast and islands of Lee County; all U.S. territorial waters adjoining the coast and islands and all connected bays, estuaries, and rivers from Gordon's Pass, near Naples, Collier County, southward to and including Whitewater Bay, Monroe County; all waters of Card, Barnes, Blackwater, Little Blackwater, Manatee, and Buttonwood Sounds between Key Largo, Monroe County, and the mainland of Dade County; Biscayne Bay, and all adjoining and connected lakes, rivers, canals, and water-

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ways from the southern tip of Key Biscayne northward to and including Maule Lake, Dade County; all of Lake Worth, from its northernmost point immediately south of the intersection of U.S. Highway 1 and Florida State Highway A1A southward to its southernmost point immediately north of the town of Boynton Beach, Palm Beach County; the Loxahatchee River and its headwaters, Martin and West Palm Beach Counties; that section of the intracoastal waterway from the town of Seawalls Point, Martin County to Jupiter Inlet, Palm Beach County; the entire inland section of water known as the Indian River, from its northernmost point immediately south of the intersection of U.S. Highway 1 and Florida State Highway 3, Volusia County, southward to its southernmost point near the town of Seawalls Point, Martin County, and the entire inland section of water known as the Banana River and all waterways between Indian and Banana Rivers, Brevard County; the St. Johns River including Lake George, and including Blue Springs and Silver Glen Springs from their points of origin to their confluences with the St. Johns River; that section of the Intracoastal Waterway from its confluences with the St. Marys River on the Georgia-Florida border to the Florida State Highway A1A bridge south of Coastal City, Nassau and Duval Counties.

NOTE: No map.

### ALABAMA BEACH MOUSE (*Peromyscus polionotus ammobates*)

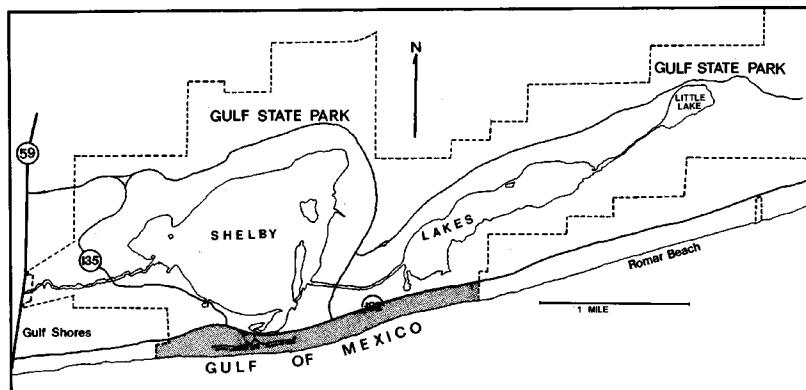
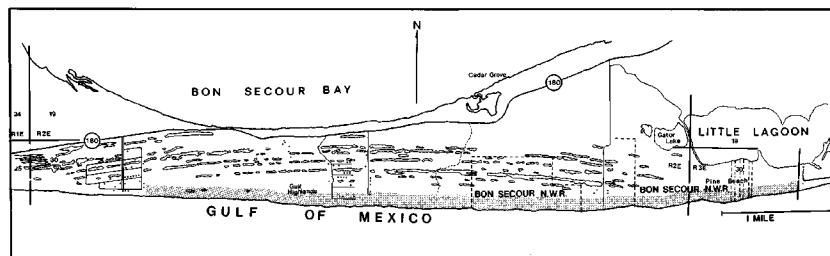
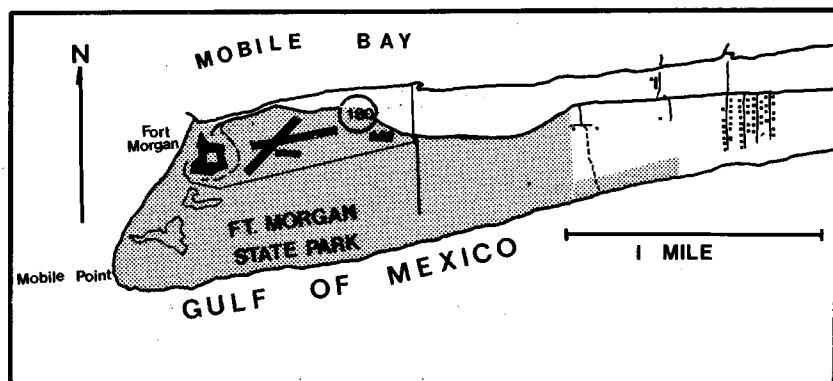
*Alabama.* Areas of land, water, and airspace in Baldwin County with the following components (St. Stephens Meridian): (1) That portion of the Fort Morgan Peninsula south of State Road 180 and west of  $87^{\circ}59'35''$  W, except for that part each of Fort Morgan State Park and more than 152.5 meters (500 feet) inland from the mean high tide line of the Gulf of Mexico; (2) those portions of T9S R3E Sec. 30 and T9S R2E Sec. 25-28 and E15/16 Sec. 29 extending 152.5 meters (500 feet) inland from the mean high tide line of the Gulf of Mexico; (3) that portion of the Gulf Shores unit of the Gulf State Park south of State Road 182 in T9S R4E Sec. 14-15 and Sec. 21-23.

Within these areas the major constituent elements that are known to require special management considerations or protection are dunes and interdunal areas, and associated grasses and shrubs that provide food and cover.

NOTE: Maps follow:

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CHOCTAWHATCHEE BEACH MOUSE (*Peromyscus polionotus allophys*)

*Florida*. Areas of land, water, and airspace in Walton and Bay Counties with the follow-

ing components (Tallahassee Meridian): (1) Those portions of T2S R21W E $\frac{1}{4}$  Sec. 35, Sec. 36, T2S R20W S $\frac{1}{4}$  Sec. 31, and T3S R20W W $\frac{1}{4}$  Sec. 4, N $\frac{1}{2}$  Sec. 5, and NE $\frac{1}{4}$  Sec. 6 extending

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152.5 meters (500 feet) inland from the mean high tide line of the Gulf of Mexico; (2) those portions of T3S R19W W $\frac{1}{2}$  Sec. 15 and Sec. 16 extending 152.5 meters (500 feet) inland from the mean high tide line of the Gulf of Mexico; (3) those portions of the mainland part of the St. Andrews State Recreation Area in T4S R15W Sec. 21 and Sec. 22 extending 152.5 meters (500 feet) inland from the mean high tide line of the Gulf of Mexico; (4) those portions of Shell Island in T4S R15W Sec. 25-27

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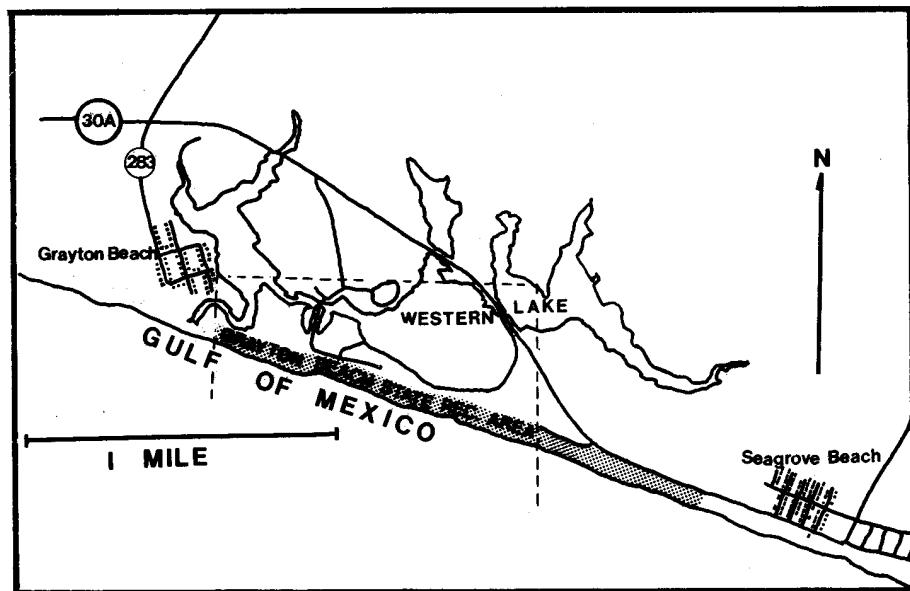
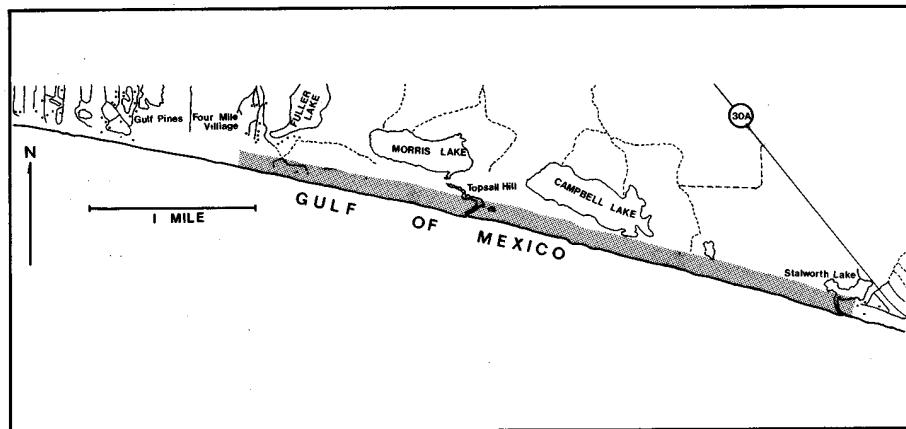
and Sec. 36, T4S R14W Sec. 31, and T5S R14W Sec. 4-6 extending 152.5 meters (500 feet) inland from the mean high tide line of Gulf of Mexico.

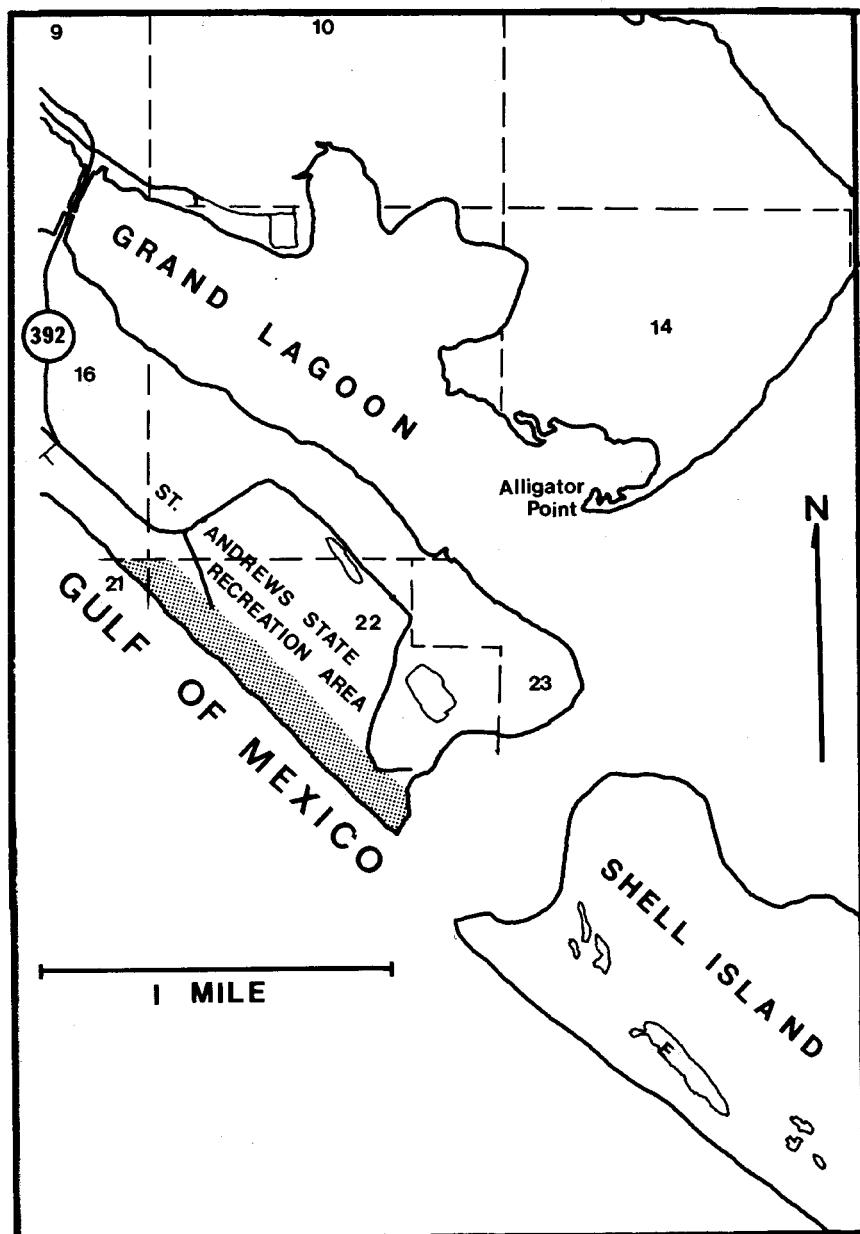
Within these areas the major constituent elements that are known to require special management considerations or protection are dunes and interdunal areas, and associated grasses and shrubs that provide food and cover.

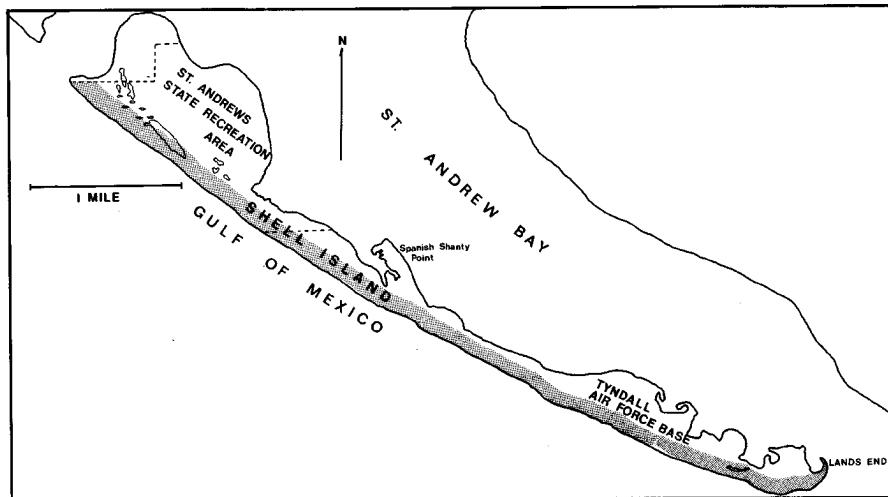
NOTE: Maps follow:

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**PERDIDO KEY BEACH MOUSE (*Peromyscus polionotus trisyllurus*)**

**Alabama.** An area of land, water, and air space in Baldwin County with the following component (Tallahassee Meridian): That portion of the Perdido Key unit of the Gulf State Park south of State Road 182 in T9S R33W Sec. 2-3.

**Florida.** Areas of land, water, and airspace in Escambia County with the following components (Tallahassee Meridian): (1) That portion of the Perdido Key State Preserve south of State Road 292 in T3S R32W Sec. 32-33 and

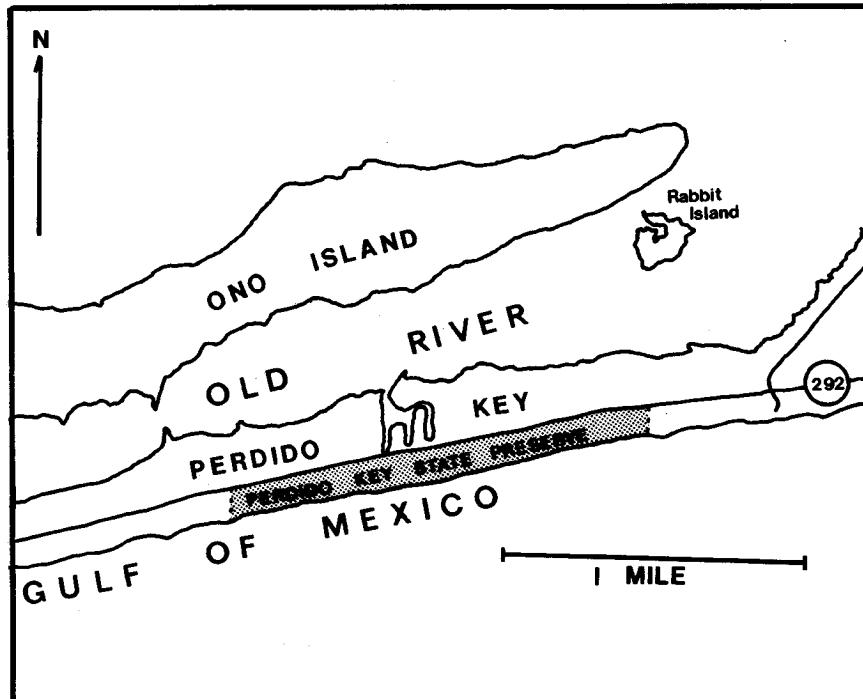
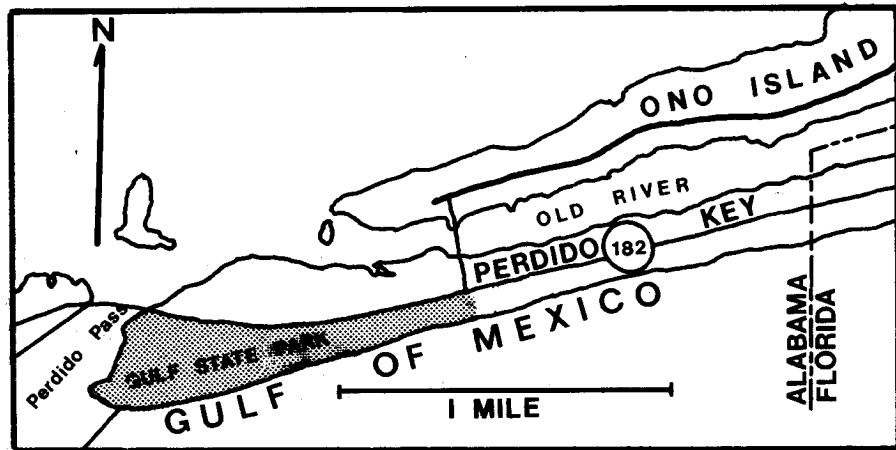
T4S R32W Sec. 5; (2) those portions of Perdido Key in T3S R31W Sec. 25-26 and Sec. 28-34, and in T3S R32W E½ Sec. 36, and W½ Sec. 36 south of the entrance road, parking lot, and Johnson Beach recreational facilities at the Gulf Islands National Seashore.

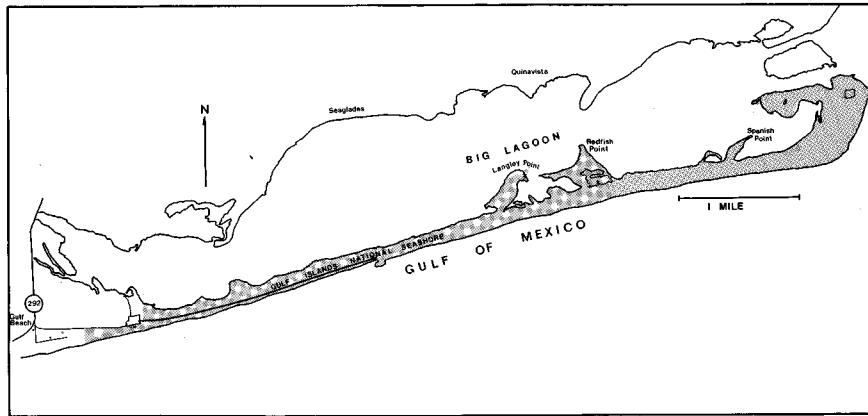
Within these areas the major constituent elements that are known to require special management considerations or protection are dunes and interdunal areas, and associated grasses and shrubs that provide food and cover.

NOTE: Maps follow:

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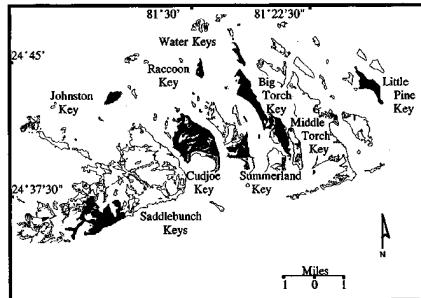


SILVER RICE RAT (*Oryzomys palustris natator*  
(=*O. argentatus*)).

Monroe County, Florida: Little Pine Key, Water Keys, Big Torch Key, Middle Torch Key, Summerland Key north of U.S. Highway 1, Cudjoe Key north of U.S. Highway 1, Johnston Key, Raccoon Key, and Lower Saddlebunch Keys, south of U.S. Highway 1 but not including lands in T. 67 S., R. 27 E., Section 8 and north  $\frac{1}{5}$  of Section 17. Included are all lands and waters above mean low tide.

Within these areas the major constituent elements that are known to require special management considerations or protection are mangrove swamps containing red (*Rhizophora mangle*), black (*Avicennia germinans*), and white (*Laguncularia racemosa*) mangroves, and buttonwood (*Conocarpus erectus*); salt marshes, swales, and adjacent transitional wetlands containing saltwort (*Batis maritima*), perennial glasswort (*Salicornia virginica*), saltgrass (*Distichlis spicata*), sea ox-eye (*Borrichia frutescens*), keygrass (*Monanthochloe littoralis*), and coastal dropseed (*Sporobolus virginicus*); and fresh water marshes containing cattails (*Typha domingensis*), saw-grass (*Cladium jamaicense*), and cordgrass (*Spartina* spp.).

NOTE: Map follows:



(CRITICAL HABITAT MAP)

MOUNT GRAHAM RED SQUIRREL (*Tamiasciurus hudsonicus grahamensis*)

Arizona. Areas of land, water, and airspace in the Coronado National Forest, T. 8 S., R. 24 E., and T. 9 S., R. 24 E. (Gila and Salt River Meridian), Graham County, with the following components:

1. *Hawk Peak-Mount Graham Area*. The area above the 10,000-foot (3,048-meter) contour surrounding Hawk Peak and Plain View Peak, plus the area above the 9,800-foot (2,987-meter) contour that is south of lines extending from the highest point of Plain View Peak eastward at 90° (from true north) and southwestward at 225° (from true north).

2. *Heliograph Peak Area*. The area on the north-facing slope of Heliograph Peak that is above the 9,200-foot (2,804-meter) contour

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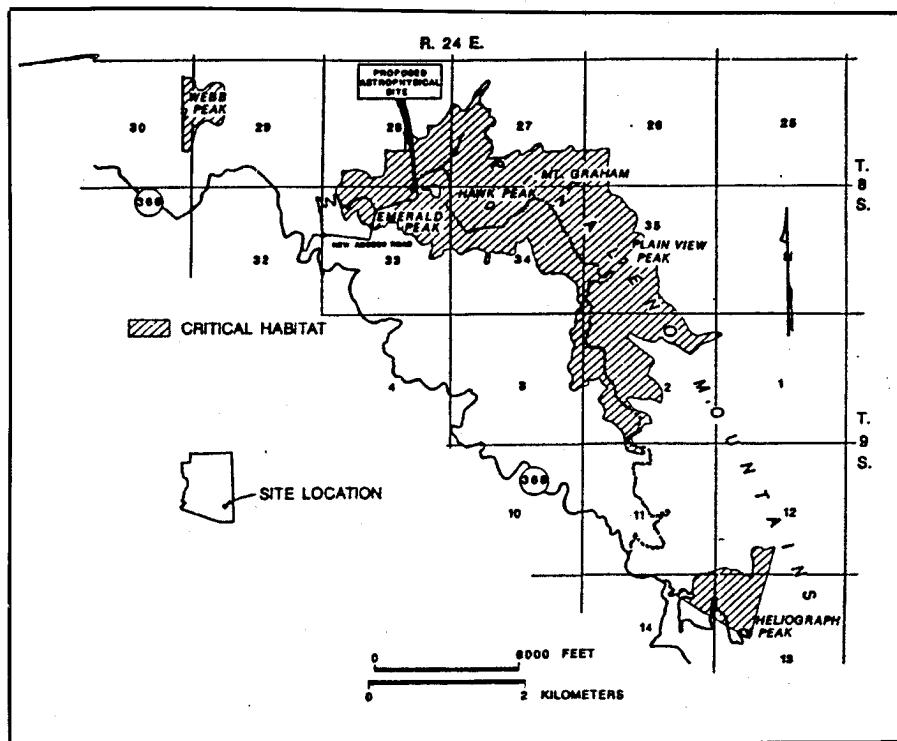
surrounding Heliograph Peak and that is between a line extending at 15° (from true north) from a point 160 feet (49 meters) due south of the horizontal control station on Heliograph Peak and a line extending northwestward at 300° (from true north) from that same point.

3. *Webb Peak Area*. The area on the east-facing slope of Webb Peak that is above the

9,700-foot (2,957-meter) contour surrounding Webb Peak and that is east of a line extending due north and south through a point 160 feet (49 meters) due west of the horizontal control station on Webb Peak.

The major constituent element is dense stands of mature spruce-fir forest.

NOTE: Map follows:



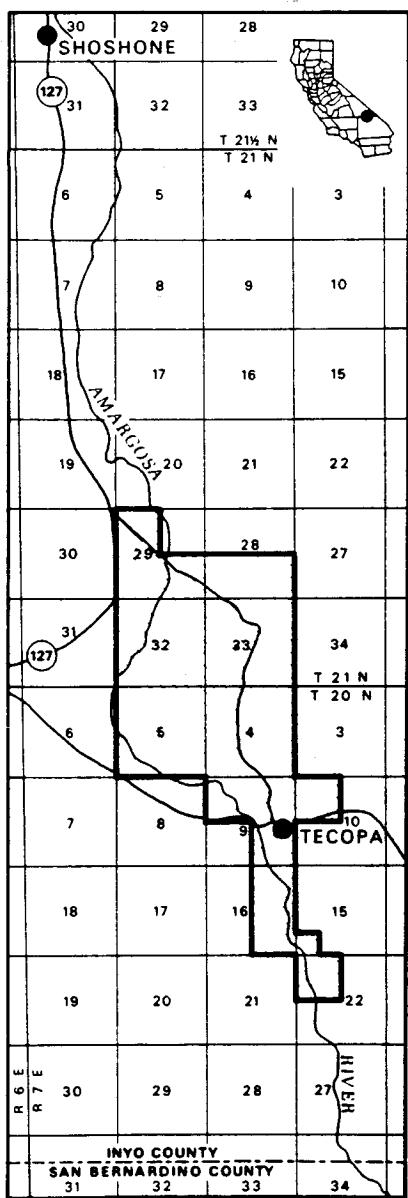
### AMARGOSA VOLE (*Microtus californicus scirpensis*)

*California*. Marshes and associated land and water in the following areas of Inyo County (San Bernardino Meridian): T20N R7E Sec. 4, 5, N½ and SE¼ Sec. 9, NW¼ Sec. 10, SW¼SW¼ Sec. 15, E½ Sec. 16, NW¼ Sec. 22; T21N R7E S½ Sec. 28, S½ and NW¼ Sec. 29, Sec. 32, 33.

Within these areas, the major constituent elements that are known to require special management considerations or protection are marsh vegetation (primarily bulrushes of the genus *Scirpus*), springs, and some open water along the Amargosa River, which pro-

vide escape cover and an adequate food supply.

NOTE: Map follows:

**GRAY WOLF (*Canis lupus*)****Michigan.** Isle Royale National Park.**Minnesota.** Areas of land, water, and air space in Beltrami, Cook, Itasca, Koochiching, Lake, Lake of the Woods, Roseau, and St. Louis Counties, with bound-

aries (4th and 5th Principal meridians) identical to those of zones 1, 2, and 3, as delineated in 50 CFR 17.40(d)(1)

NOTE: See map in § 17.40(d)(1).

**(b) Birds.****YELLOW-SHOULDERED BLACKBIRD (*Agelaius xanthomus*)**

**Puerto Rico.** Areas of land, water, and airspace with the following components: (1) All of Mona Island; (2) that portion of the main island of Puerto Rico within the following boundary: Beginning at a point where the Quebrada Boqueron joins the Bahia de Boqueron, thence proceeding southwesterly along coast to Cabo Rojo, thence eastward along the coast, including offshore cays, to the point where Highway 332 meets the Bahia de Guanica, thence northward on Highway 332 to its junction with Highway 116, thence westward on Highway 116 to its junction with Highway 305, thence westward on Highway 305 to its junction with Highway 303, thence northward on Highway 303 to its junction with Highway 101, thence westward on Highway 101 to the point where it crosses Quebrada Boqueron, thence along the Quebrada Boqueron to the point where it joins the Bahia de Boqueron; (3) a circular portion of the main island of Puerto Rico with a one mile radius, the center being the junction of Highways 360 and 102 in the town of San German; (4) Roosevelt Roads Naval Station, southeast of Ceiba.

NOTE: No map.

**CALIFORNIA CONDOR (*Gymnogyps californianus*)**

**California.** Sespe-Piru Condor Area: an area of land, water, and airspace to an elevation of not less than 3,000 feet above the terrain, in Ventura and Los Angeles Counties, with the following components (San Bernardino Meridian): Sespe Condor Sanctuary, as delineated by Public Land Order 695 (January 1951); T4N R20W Sec. 2, 5-10, N½ Sec. 11; T4N R21W Sec. 1-3, 10-12, N¼ Sec. 13, N¼ Sec. 14, N¼ Sec. 15; T5N R18W Sec. 4-9, 18, 19, 30, 31, N½ Sec. 3, N½ Sec. 17; T5N R21W Sec. 1-4, 9-16, 21-28, 33-36; T6N R18W Sec. 7-11, 14-23, 26-35; T6N R19W Sec. 7-36; T6N R20W Sec. 8-36; T6N R21W Sec. 13-36; T6N R22W Sec. 3-26, 35, 36; T6N R23W Sec. 1-3, 10-14, 24, N½ Sec. 23; T7N R22W Sec. 31; T7N R23W Sec. 34-36.

Matilija Condor Area: An area of land, water, and airspace to an elevation of not less than 3,000 feet above the terrain, in Ventura and Santa Barbara Counties, with the following components (San Bernardino Meridian): T5N R24W W½ Sec. 3, Sec. 4-11, 14, 15, N½ Sec. 16, N¼ Sec. 17; T5N R25W E½ Sec. 1, NE¼ Sec. 12; T5½N R24W Sec. 31-34; T6N R24W S½ Sec. 32, S½ Sec. 33, S½ Sec. 34.

Sisquoc-San Rafael Condor Area: An area of land, water, and airspace to an elevation of not less than 3,000 feet above the terrain,

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Santa Barbara County, with the following components (San Bernardino Meridian): T6N R26W Sec. 5, 6; T6N R27W Sec. 1, 2; T7N R26W Sec. 5-8, 17-20, 29-32; T7N R27W Sec. 1-14, 23-26, 35, 36; T7N R28W Sec. 1, 2, 11, 12; T8N R26W Sec. 19-22, 27-34; T8N R27W Sec. 19-36.

Hi Mountain-Beartrap Condor Areas: Areas of land, water, and airspace to an elevation of not less than 3,000 feet above the terrain in San Luis Obispo County, with the following components (Mt. Diablo Meridian): T30S R16E Sec. 13, 14, 23-26, SE $\frac{1}{4}$  Sec. 11, S $\frac{1}{2}$  Sec. 12; T30S R17E Sec. 17-20, 29, 30; T31S R14E Sec. 1, 2, 11, 12, E $\frac{1}{2}$  Sec. 3, E $\frac{1}{2}$  Sec. 10, N $\frac{1}{2}$  Sec. 14, N $\frac{1}{2}$  Sec. 13; T31S R15E W $\frac{1}{2}$  Sec. 6, W $\frac{1}{2}$  Sec. 7, NW $\frac{1}{4}$  Sec. 18.

Mt. Pinos Condor Area: An area of land, water, and airspace in Ventura and Kern Counties, with the following components (San Bernardino Meridian): T8N R21W W $\frac{1}{2}$  Sec. 5, Sec. 6 N $\frac{1}{2}$  Sec. 7, NW $\frac{1}{4}$  Sec. 8; T8N R22W Sec. 1, 2, E $\frac{1}{2}$  Sec. 3, NE $\frac{1}{4}$  Sec. 10, N $\frac{1}{2}$  Sec. 11, N $\frac{1}{2}$  Sec. 12; T9N R21W Sec. 31, 32, W $\frac{1}{2}$  Sec. 33; T9N R22W E $\frac{1}{2}$  Sec. 35, Sec. 36.

Blue Ridge Condor Area: An area of land, water, and airspace in Tulare County, with the following components (Mt. Diablo Meridian): T19S R29E Sec. 5-9, 15-22, 27-30.

Tejon Ranch: An area of land, water, and airspace in Kern County, with the following components (San Bernardino Meridian): R16W, T10N, R17W T10N, R17W T11N, R18W T9N, R18W T10N, R19W T10N.

Kern County rangelands: An area of land, water, and airspace in Kern County between California State Highway 65 and the western boundary of Sequoia National Forest, with the following components (Mt. Diablo Meridian): R29E T25S, R29E T26S, R30E T25S, R30E T26S.

Tulare County rangelands: An area of land, water, and airspace in Tulare County between California State Highway 65, State Highway 198, and the western boundary of Sequoia National Forest, with the following components (Mt. Diablo Meridian): R28E T18S (all sections); R28E T19S (all sections); R28E T20S (all sections); R28E T21S Sec. 1-18; R29E T20S (all sections); R29E T21S Sec. 1-18.

NOTE: No map.

MISSISSIPPI SANDHILL CRANE (*Grus canadensis pulla*).

Mississippi. Areas of land, water, and airspace in Jackson County, with the following components (St. Stephens Base Meridian): T6S R6W Sec. 31; T6S R7W E $\frac{1}{2}$  of E $\frac{1}{2}$  Sec. 34, Sec. 35-36, S $\frac{1}{2}$  Sec. 38; T6S R8W Sec. 27, those portions of Sec. 28-31 south of Seaman Road, Sec. 32-34; T7S R6W N $\frac{1}{2}$  of N $\frac{1}{2}$  Sec. 3, Sec. 6; T7S R7W Sec. 2-11, Sec. 13-16, Sec. 20-22, W $\frac{1}{2}$  Sec. 23, W $\frac{1}{2}$  of E $\frac{1}{2}$  Sec. 23, NE $\frac{1}{4}$  of NE $\frac{1}{4}$  Sec. 23, N $\frac{1}{2}$  of N $\frac{1}{2}$  Sec. 24, that portion of the SW $\frac{1}{4}$  of SW $\frac{1}{4}$  Sec. 30 south of the Louisville

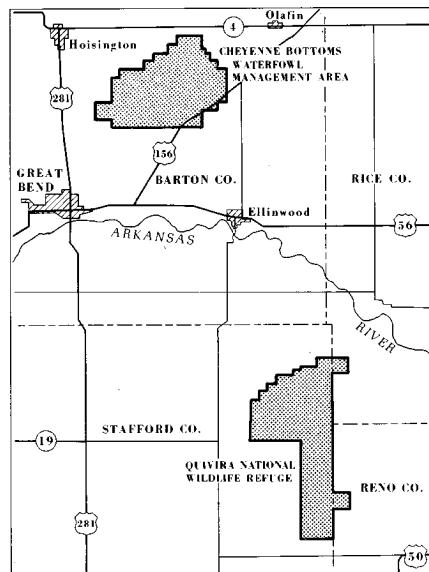
and Nashville Railroad, W $\frac{1}{2}$  of W $\frac{1}{2}$  Sec. 31, W $\frac{1}{2}$  Sec. 37, that portion of the E $\frac{1}{2}$  Sec. 37 north of U.S. Interstate Highway 10; T7S R8W Sec. 1-3, that portion of Sec. 4 north of U.S. Interstate Highway 10, Sec. 5-6, those portions of Sec. 7-8 north of U.S. Interstate Highway 10, Sec. 10-12, W $\frac{1}{2}$  of W $\frac{1}{2}$  Sec. 14, Sec. 15, that portion of Sec. 25 south of the Louisville and Nashville Railroad, that portion of the SE $\frac{1}{4}$  of Sec. 26 south of the Louisville and Nashville Railroad and southeast of Davis Bayou, N $\frac{1}{2}$  of NE $\frac{1}{4}$  Sec. 35, Sec. 36.

NOTE: No map.

WHOOPING CRANE (*Grus americana*)

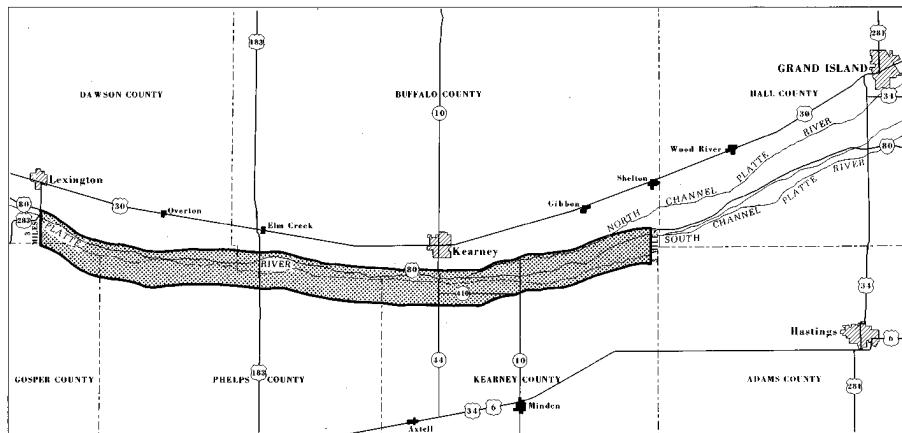
Kansas. Areas of land, water, and airspace with the following components: (1) Quivira National Wildlife Refuge in Stafford, Reno, and Rice Counties; and (2) Cheyenne Bottoms State Waterfowl Management Area in Barton County.

NOTE: Map follows:



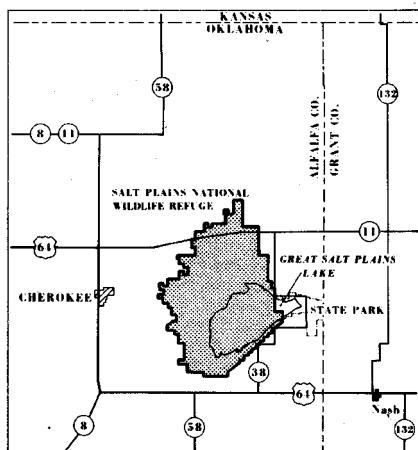
Nebraska. An area of land, water, and airspace in Dawson, Buffalo, Hall, Phelps, Kearny, and Adams Counties with the following boundaries: Platte River bottoms—a strip of river bottom with a north-south width 3 miles, a south boundary paralleling Interstate 80, beginning at the junction of U.S. Highway 283 and Interstate 80 near Lexington, and extending eastward along Interstate 80 to the interchange for Shelton and Dehman, Nebr. near the Buffalo-Hall County line.

NOTE: Map follows:



*Oklahoma.* An area of land, water, and air-space in Alfalfa County with the following component: Salt Plains National Wildlife Refuge.

NOTE: Map follows:



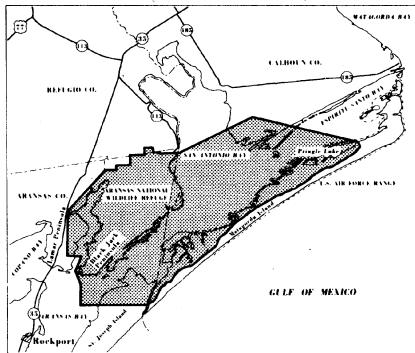
*Texas.* An area of land, water, and airspace in Aransas, Calhoun, and Refugio Counties with the following boundaries: Beginning at the point where the north boundary of the Aransas National Wildlife Refuge intersects the shore of San Antonio Bay at Webb Point;

thence, from this point along a straight line across San Antonio Bay through the westernmost tip of Mosquito Point and inland to a point of intersection with metal surfaced road; thence eastward along a straight line across Espiritu Santo Bay to the intersection of the bay shore and a road at the east end of Pringle Lake on Matagorda Island; thence south along this road to the intersection with the main Matagorda Island road; southwestward along this main road to Cedar Bayou at latitude 28°04'10" N.; thence due west across Cedar Bayou, Vinson Slough, and Isla San Jose to Gulf Intracoastal Waterway platform channel marker No. 25; thence north to the southwest corner of the proclamation boundary, just south of Black-jack Point; thence north along the proclamation boundary into St. Charles Bay to a line drawn as an eastward extension of Twelfth Street on Lamar Peninsula; thence westward along this line to intersection with Palmetto Avenue; thence northward along a straight line to the southwest corner of the Aransas National Wildlife Refuge at Texas State Highway 35 and the north shore of Cavasso Creek; thence northeast on a straight line to the corner of the Aransas National Wildlife Refuge north boundary adjacent to triangulation station "Twin"; thence along the north boundary of said refuge to the starting point at Webb Point.

NOTE: Map follows:

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**AMERICAN PEREGRINE FALCON (*Falco peregrinus anatum*)**

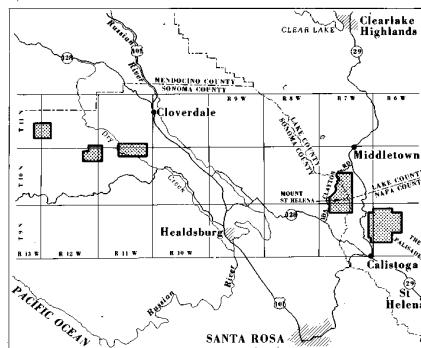
**California.** Dry Creek Zone: Areas of land, water, and airspace in Sonoma County, with the following components (Mt. Diablo Base Meridian): (1) T10N R11W W $\frac{1}{2}$  of SW $\frac{1}{4}$  Sec. 6, W $\frac{1}{2}$  of NW $\frac{1}{4}$  Sec. 6, NW $\frac{1}{4}$  of NW $\frac{1}{4}$  Sec. 7; T10N R12W Sec. 1, E $\frac{1}{2}$  of NE $\frac{1}{4}$  Sec. 2, SW $\frac{1}{4}$  of NE $\frac{1}{4}$  Sec. 2, SE $\frac{1}{4}$  Sec. 2, E $\frac{1}{2}$  of SW $\frac{1}{4}$  Sec. 2, SE $\frac{1}{4}$  of NW $\frac{1}{4}$  Sec. 2, N $\frac{1}{2}$  of NE $\frac{1}{4}$  Sec. 11, NE $\frac{1}{4}$  of NW $\frac{1}{4}$  Sec. 11, N $\frac{1}{2}$  of NE $\frac{1}{4}$  Sec. 12, N $\frac{1}{2}$  of NW $\frac{1}{4}$  Sec. 12; T11N R11W SW $\frac{1}{4}$  of SE $\frac{1}{4}$  Sec. 31, S $\frac{1}{2}$  of SW $\frac{1}{4}$  Sec. 31; T11N R12W SE $\frac{1}{2}$  of SE $\frac{1}{4}$  Sec. 36, SE $\frac{1}{4}$  of SW $\frac{1}{4}$  Sec. 36; (2) T10N R11W NW $\frac{1}{4}$  of SW $\frac{1}{4}$  Sec. 1, W $\frac{1}{2}$  of NW $\frac{1}{4}$  Sec. 1, N $\frac{1}{2}$  Sec. 2, N $\frac{1}{2}$  of SE $\frac{1}{4}$  Sec. 2, N $\frac{1}{2}$  of SW $\frac{1}{4}$  Sec. 2, N $\frac{1}{2}$  Sec. 3, N $\frac{1}{2}$  of SE $\frac{1}{4}$  Sec. 3, N $\frac{1}{2}$  of SW $\frac{1}{4}$  Sec. 3, NE $\frac{1}{4}$  Sec. 4, N $\frac{1}{2}$  of SE $\frac{1}{4}$  Sec. 4, NE $\frac{1}{4}$  of SW $\frac{1}{4}$  Sec. 4, E $\frac{1}{2}$  of NW $\frac{1}{4}$  Sec. 4; T11N R11W E $\frac{1}{2}$  of SE $\frac{1}{4}$  Sec. 33, S $\frac{1}{2}$  Sec. 34, S $\frac{1}{2}$  Sec. 35, W $\frac{1}{2}$  of SE $\frac{1}{4}$  Sec. 36, SW $\frac{1}{4}$  Sec. 36; (3) T11N R12W S $\frac{1}{2}$  Sec. 19, Sec. 30; T11N R13W SE $\frac{1}{4}$  Sec. 24, E $\frac{1}{2}$  of SW $\frac{1}{4}$  Sec. 24, E $\frac{1}{2}$  Sec. 25, E $\frac{1}{2}$  Sec. 25, E $\frac{1}{2}$  of NW $\frac{1}{4}$  Sec. 25.

**Palisades-Table Rock Zone:** An area of land, water, and airspace in Napa County, with the following components (Mt. Diablo Base Meridian): T9N R6W S $\frac{1}{2}$  Sec. 5, S $\frac{1}{2}$  Sec. 6, Sec. 7, Sec. 8, Sec. 9, Sec. 16, Sec. 17, Sec. 18, Sec. 19, Sec. 20; T9N R7W E $\frac{1}{2}$  Sec. 12, E $\frac{1}{2}$  Sec. 13, NE $\frac{1}{4}$  Sec. 24, E $\frac{1}{2}$  of SE $\frac{1}{4}$  Sec. 24.

**Mount St. Helena Zone:** An area of land, water, and airspace in Lake, Napa, and Sonoma counties, with the following components (Mt. Diablo Base Meridian): T9N R7W

W $\frac{1}{2}$  of NE $\frac{1}{4}$  Sec. 3, W $\frac{1}{2}$  of SE $\frac{1}{4}$  Sec. 3, W $\frac{1}{2}$  Sec. 3, Sec. 4, E $\frac{1}{2}$  Sec. 5, E $\frac{1}{2}$  of SW $\frac{1}{4}$  Sec. 5, E $\frac{1}{2}$  of NW $\frac{1}{4}$  Sec. 5; T10N R7W that portion of Sec. 20 east of Ida Clayton Road, Sec. 21, W $\frac{1}{2}$  of NE $\frac{1}{4}$  Sec. 22, W $\frac{1}{2}$  of SE $\frac{1}{4}$  Sec. 22, W $\frac{1}{2}$  Sec. 22, W $\frac{1}{2}$  of NE $\frac{1}{4}$  Sec. 27, W $\frac{1}{2}$  of SE $\frac{1}{4}$  Sec. 27, W $\frac{1}{2}$  Sec. 27, Sec. 28, that portion of Sec. 29 east of Ida Clayton Road, that portion of the NE $\frac{1}{4}$  Sec. 32 east and south of Ida Clayton Road, SE $\frac{1}{4}$  Sec. 32, E $\frac{1}{2}$  of SW $\frac{1}{4}$  Sec. 32, that portion of the SE $\frac{1}{4}$  of NW $\frac{1}{4}$  Sec. 32 south of the Ida Clayton Road, Sec. 33, W $\frac{1}{2}$  of NE $\frac{1}{4}$  Sec. 34, W $\frac{1}{2}$  of SE $\frac{1}{4}$  Sec. 34, W $\frac{1}{2}$  Sec. 34.

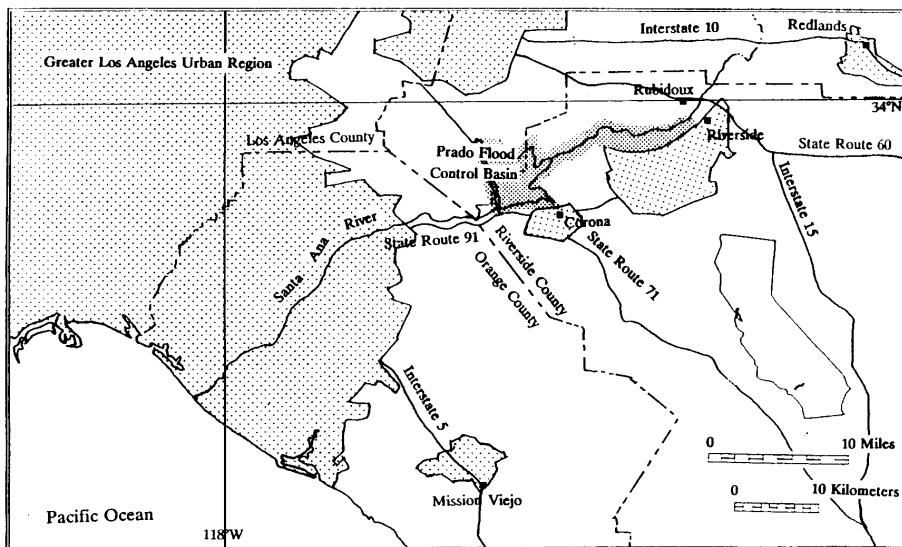
NOTE: Map follows:



**SOUTHWESTERN WILLOW FLYCATCHER (*Empidonax traillii extimus*)**

**California:** Areas of land and water as follows:

1. Santa Ana River, Riverside and San Bernardino Counties: from Rio Road (T2S, R5W, no surveyed section but at 34° 59' 00" North, 117° 25' 15" West) downstream to Prado Flood Control Basin Dam (T3S, R7W, Section 20). Approximately 25 km (16 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

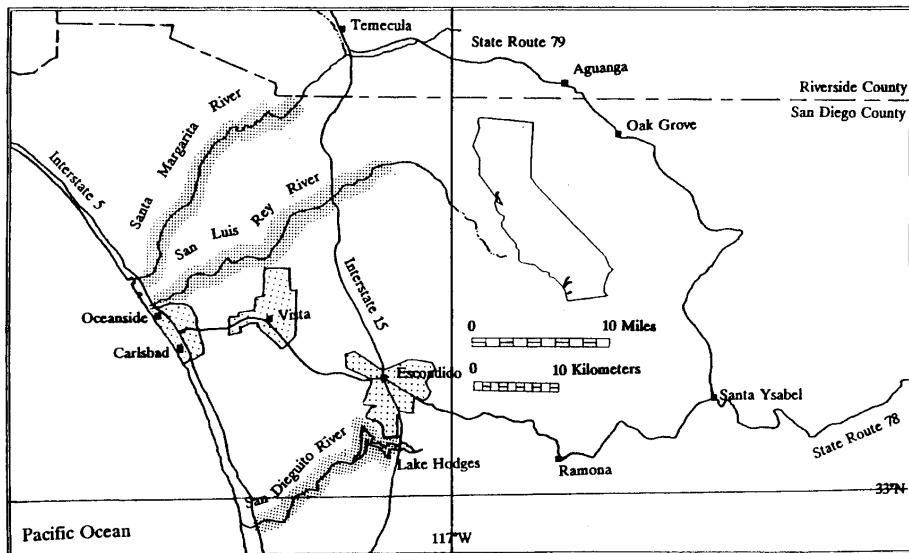


2. Santa Margarita River, San Diego County: from the unnamed trail at T8S, R3W, Section 34) downstream to northbound Interstate 5 (T11S, R5W, Section 19). Approximately 33 km (20 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

3. San Luis Rey River, San Diego County: from Mission Road (T9S, R2W, Section 27) downstream to northbound Interstate 5 (T11S, R5W, Section 22). Approximately 39 km (24 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of

areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

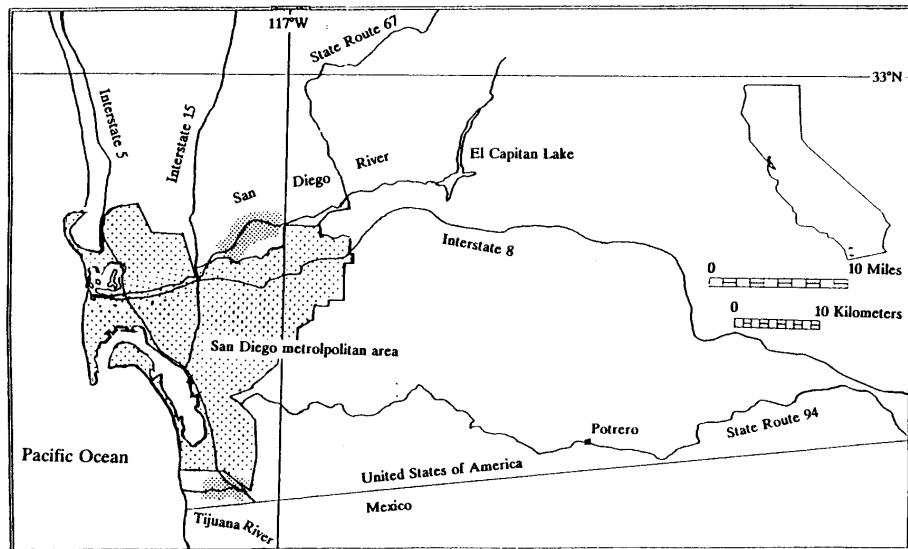
4. San Dieguito River, San Diego County: from southbound Interstate 15 (T13S, R2W, no section surveyed, but at  $33^{\circ} 3' 45''$  North,  $117^{\circ} 4' 00''$  West) downstream to northbound Interstate 5 (T14S, R4W, Section 12). Approximately 24 km (15 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.



5. San Diego River, San Diego County: from Carlton Hills Boulevard (T15S, R1W, no section surveyed, but at 32° 50' 45" North, 117° 59' 30" West) downstream to the Second San Diego Aqueduct T15S, R2W, no section surveyed, but at 32° 49' 30" North, 117° 3' 45" West). Approximately 8 km (5.5 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become estab-

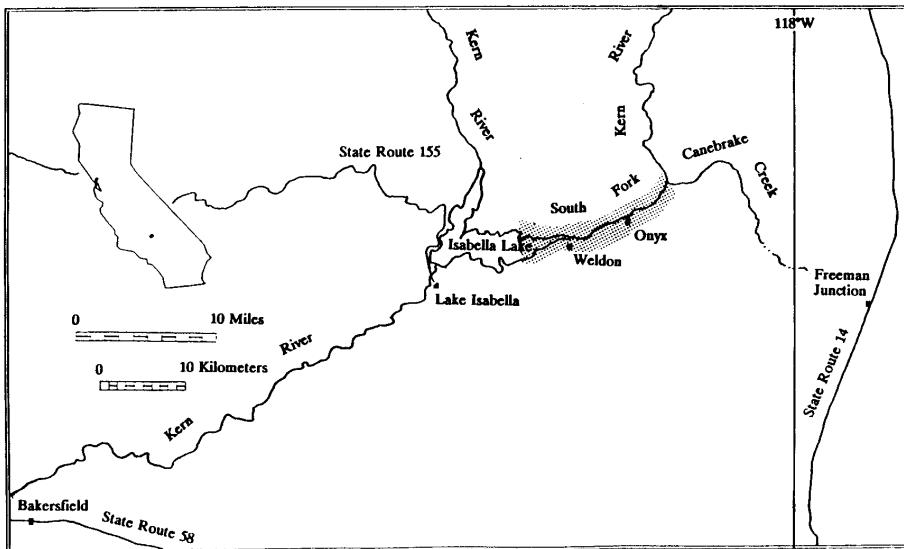
lished as a result of natural floodplain processes or rehabilitation.

6. Tijuana River, San Diego County: from Larsen Field (T19S, R2W, Section 1) downstream to the windmill at T19S, R2W, Section 4. Approximately 5.5 km (3.3 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.



7. South Fork of the Kern River, Kern County; from the confluence of Canebrake Creek (T25S, R36E, Section 30) downstream to a line running north-south between Lyme Dyke and Lime Point encompassing the South Fork Wildlife Area at the eastern end of Lake Isabella (T26S, R34E, Sections 13 and 14). Approximately 26 km (16 miles). The boundaries include areas within 100 meters of

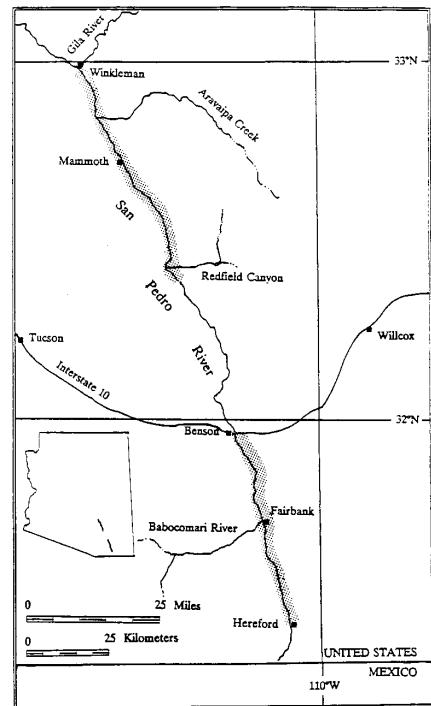
the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.



Arizona: Areas of land and water as follows:

1. San Pedro River, Cochise County: from the Hereford Bridge (T23S, R22E, Section 9), downstream to eastbound Interstate 10 bridge at Benson (T17S R20E, Section 11). Approximately 87 km (54 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

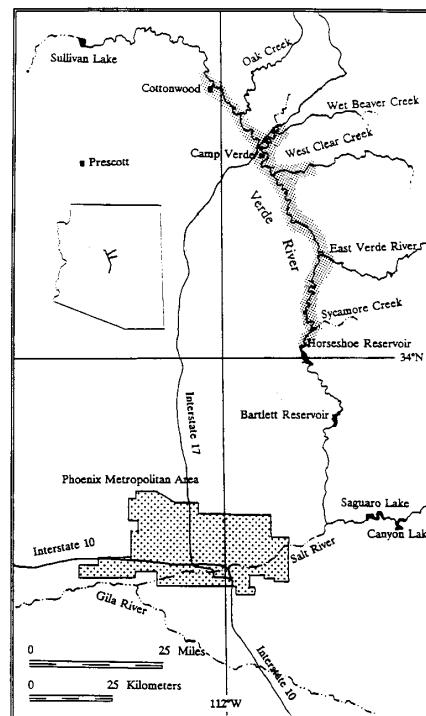
2. San Pedro River, Cochise, Pima and Pinal Counties: from the Gaging Station near Aguaja Canyon (T12S, R18E, Section 19), downstream to the confluence with the Gila River (T5S, R15E, Section 23). Approximately 106 km (66 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.



3. Verde River, Yavapai and Gila Counties: from Sob Canyon (T17N, R3E, Section 29) to its inflow into Horseshoe Reservoir (T8N, R6E, Section 15), including Tavasci Marsh and Ister Flat. Approximately 145 km (90 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

4. Wet Beaver Creek, Yavapai County: from the gauging station upstream of the Beaver Creek Ranger Station (T15N, R6E, Section 24), downstream to the confluence of Beaver Creek and the Verde River (T14N, R5E, Section 30). Approximately 32 km (20 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

5. West Clear Creek, Yavapai County: from the section line dividing sections 18 and 17 in T13N, R6E downstream to the confluence with the Verde River (T13N, R5E, Section 17). Approximately 14 km (9 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

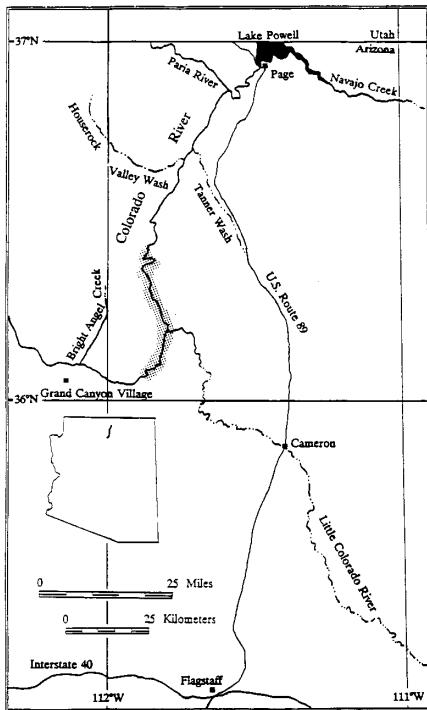


6. Colorado River, Coconino County: from river mile 39 (T35N, R5E, Section 16) downstream to river mile 71.5 (T31N, R5E Section 8). (River mile 0 = Lee's Ferry). Approximately 52 km (32 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

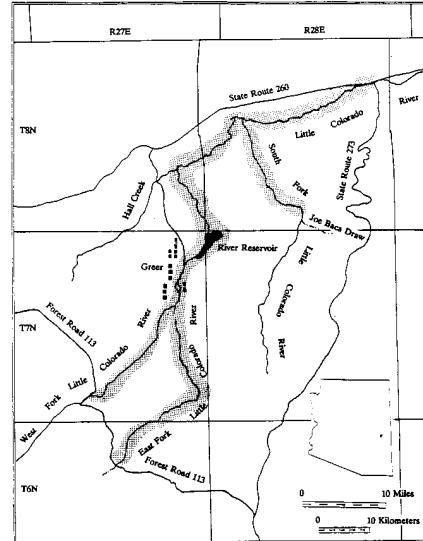
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result of natural floodplain processes or rehabilitation.

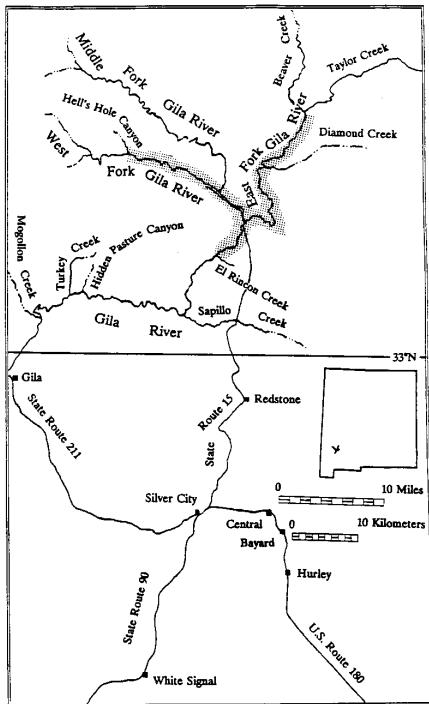


7. Little Colorado River, and the East, West, and South Forks of the Little Colorado River, Apache County: from the diversion ditch at T8N, R28E, Section 16, upstream to Forest Road 113 on the West Fork (T7N, R27E, Section 33), upstream to Forest Road 113 on the East Fork (T6N, R27E, Section 10), and upstream to Joe Baca Draw on the South Fork (T8N, R28E, Section 34). Approximately 48 km (30 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a

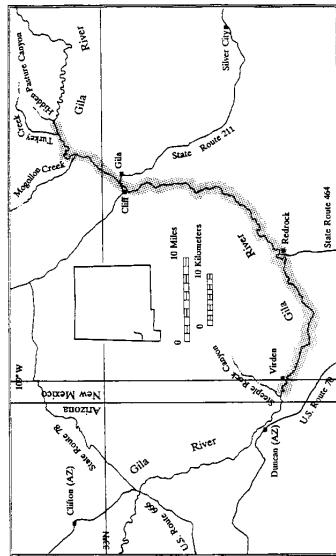


New Mexico: Areas of land and water as follows:

1. Gila River and the East and West Forks of the Gila River, Catron and Grant Counties: from El Rincon on the Gila River (T13S, R14W, S36) upstream to Hell's Hole Canyon on the West Fork of the Gila River T12S, R15W, S4), and upstream to the confluence of Taylor Creek and Beaver Creek on the East Fork of the Gila River (T11S, R12W, S17). Approximately 63 km (39 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.



2. Gila River, Grant and Hidalgo Counties: from the confluence of Hidden Pasture Canyon (T14S, R16W, Section 14) downstream to the confluence of Steeple Rock Canyon (T18S, R21W, Section 33). Approximately 90 km (56 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

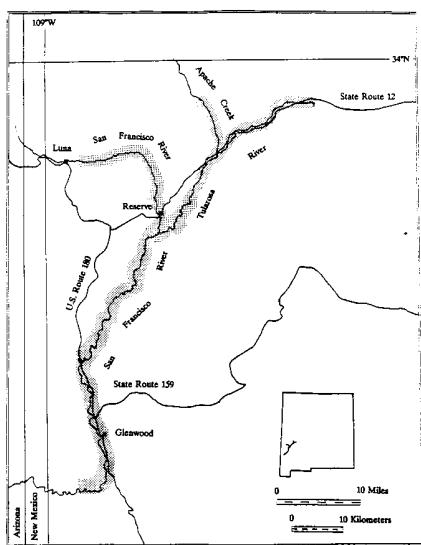


3. San Francisco River, Catron County: from the confluence of Trail Canyon (T6S, R20W, Section 4) downstream to San Francisco Hot Springs, near the confluence with Box Canyon (T12S, R20W, Section 23). Approximately 105 km (65 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

4. Tularosa River and Apache Creek, Catron County: from the confluence of the Tularosa and San Francisco Rivers (T7S, R19W, Section 23) upstream, to the source of the Tularosa River near the continental divide (T4S, R15W, Section 33), and upstream on Apache Creek to the confluence with Whiskey Creek (T4S, R18W, Section 25). Approximately 60 km (37 miles). The boundaries include areas within 100 meters of the edge of areas with surface water during the May to September breeding season and within 100 meters of areas where such surface water no longer exists owing to habitat degradation but may be recovered with habitat rehabilitation where thickets of riparian trees and shrubs occur or may become established as a result of natural floodplain processes or rehabilitation.

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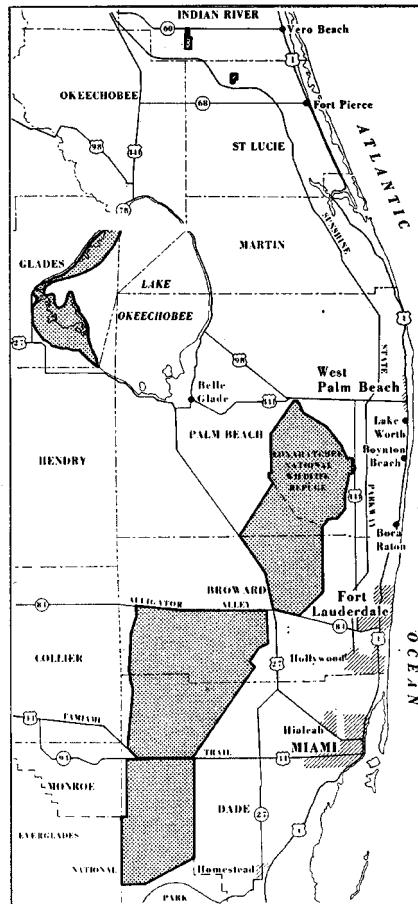


EVERGLADE SNAIL KITE (*Rostrhamus sociabilis plumbeus*)

*Florida.* Areas of land (predominantly marsh), water, and airspace, with the following components (Tallahassee Meridian): (1) St. Johns Reservoir, Indian River County: T33S R37E SW $\frac{1}{4}$  Sec. 6, W $\frac{1}{2}$  Sec. 7, Sec. 18, Sec. 19; (2) Cloud Lake Reservoir, St. Lucie County: T34S R38E S $\frac{1}{2}$  Sec. 16, N $\frac{1}{2}$  Sec. 21; (3) Strazzulla Reservoir, St. Lucie County: T34S R38E SW $\frac{1}{4}$  Sec. 21; (4) western parts of Lake Okeechobee, Glades and Hendry Counties, extending along the western shore to the east of the levee system and the undiked high ground at Fisheating Creek, and from the Hurricane Gate at Clewiston northward to the mouth of the Kissimmee River, including all the *Eleocharis* flats of Moonshine Bay, Monkey Box, and Observation Shoal, but excluding the open water north and west of the northern tip of Observation Shoal, north of Monkey Box, and east of Fisheating Bay; (5) Loxahatchee National Wildlife Refuge (Central and Southern Florida Flood Control District Water Conservation Area 1), Palm Beach County, including Refuge Management Compartments A, B, C, and D, and all of the main portion of the Refuge as bounded by Levees L-7, L-39, and L-40; (6) Central and Southern Florida Flood Control District Water Conservation Area 2A, Palm Beach and Broward Counties, as bounded by Levees L-6, L-35B, L-36, L-38, and L-39; (7) Central and Southern Florida Flood Control District Water Conservation Area 2B, Broward County, as bounded by Levees L-35, L-35B, L-36, and L-38; (8) Central and Southern Florida Flood Control District Water

Conservation Area 3A, Broward and Dade Counties, as bounded by Florida Highway 84, Levees L-68A, L-67A (north of Miami Canal), L-67C (south of Miami Canal), L-29, and L-28, and a line along the undiked northerwestern portion of the Area; (9) that portion of Everglades National Park, Dade County, within the following boundary: Beginning at the point where the Park boundary meets Florida Highway 94 in T54S R35E Sec. 20, thence eastward and southwest along the Park boundary to the southwest corner of Sec. 31 in T7S R37E, thence southwestward along a straight line to the southwest corner of Sec. 2 in T58S R35E, thence westward along the south sides of Sec. 3, 4, 5, and 6 in T58S R35E to the Dade-Monroe county line, thence northward along the Dade-Monroe county line to the Park boundary, thence eastward and northward along the Park boundary to the point of beginning.

NOTE: Map follows:



**U.S. Fish and Wildlife Serv., Interior**

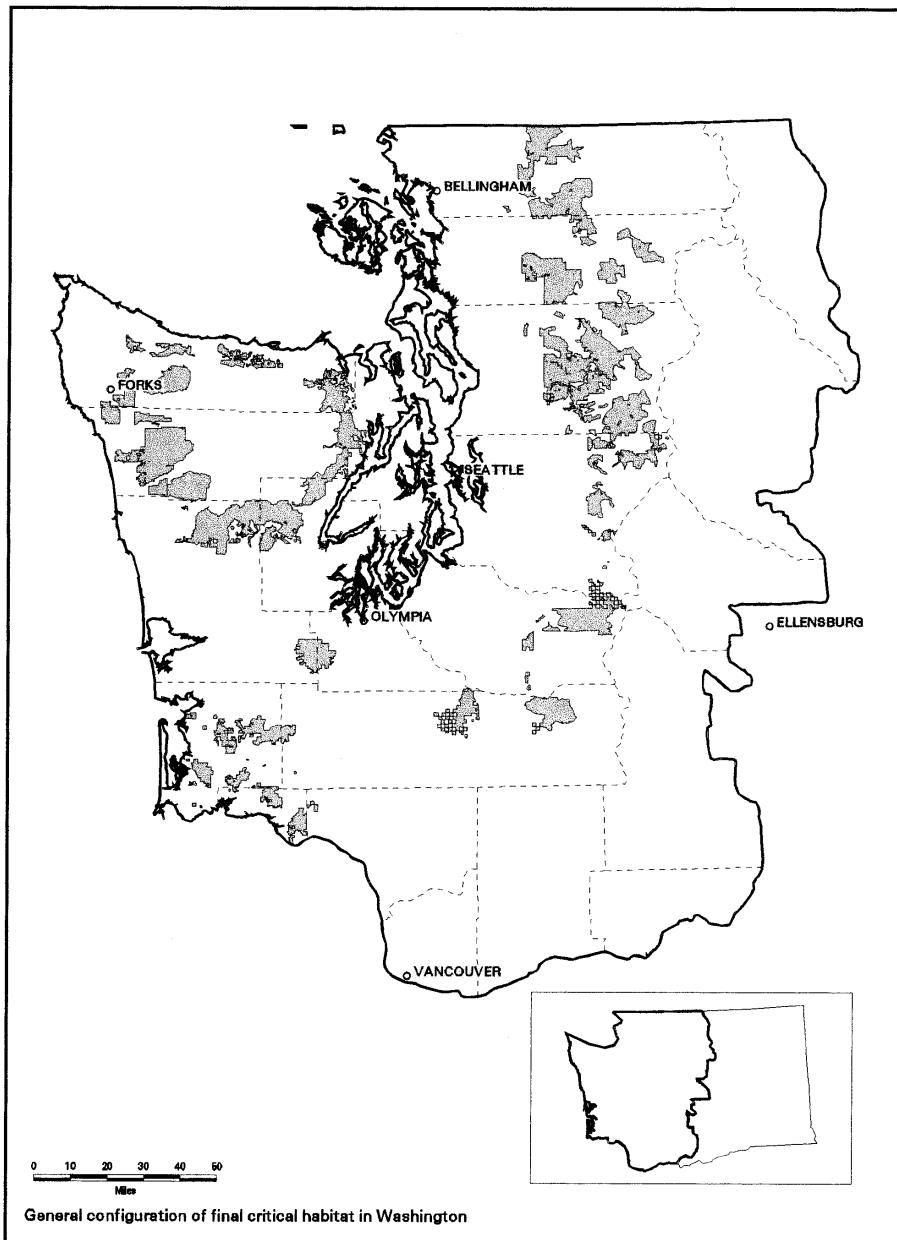
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**MARLED MURRELET (*Brachyramphus marmoratus marmoratus*)**

1. Critical habitat units are depicted for the States of Washington, Oregon, and California on the maps below.
2. The primary constituent elements: individual trees with potential nest platforms and forest lands of at least one half site-potential tree height regardless of contiguity within 0.8 kilometers (0.5 miles) of individual trees with potential nesting platforms and

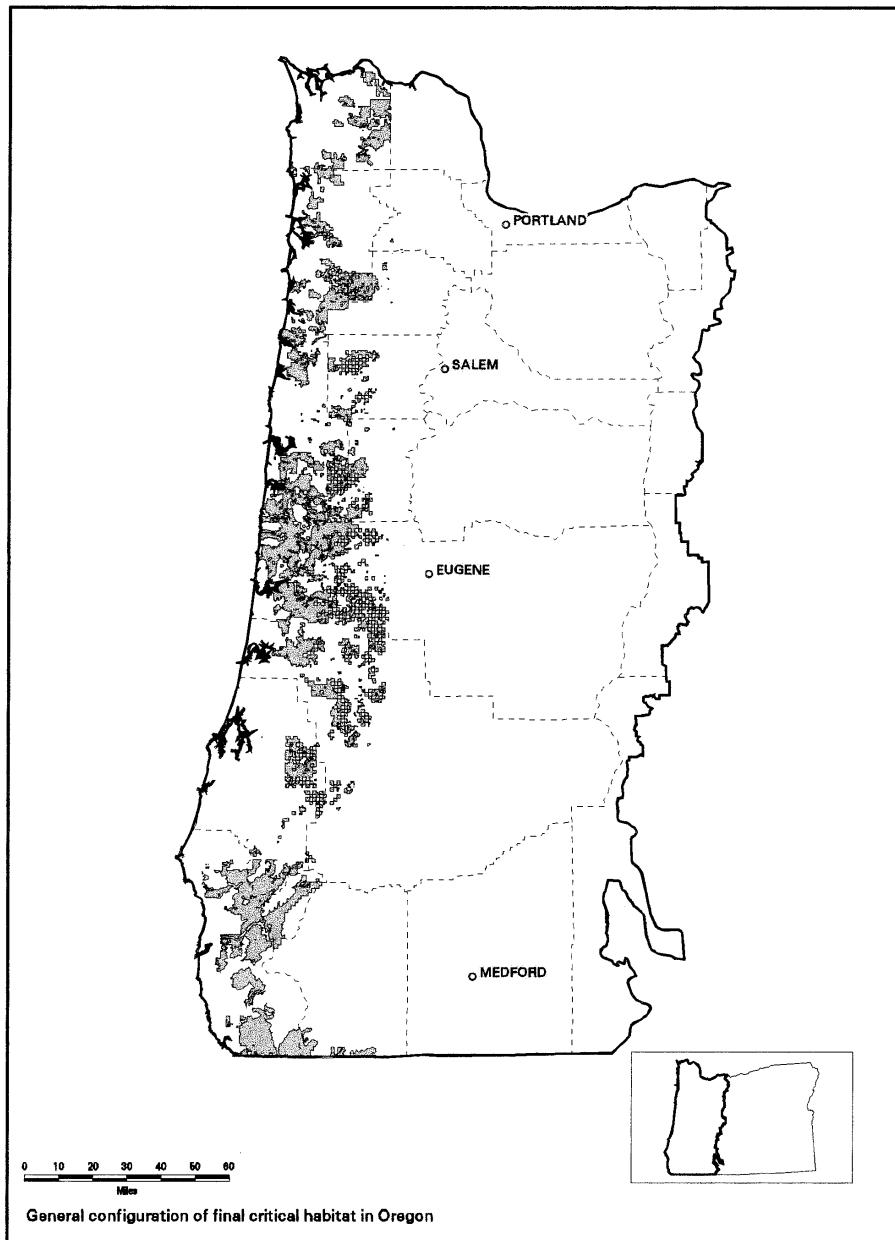
that are used or potentially used by the marbled murrelet for nesting or roosting.

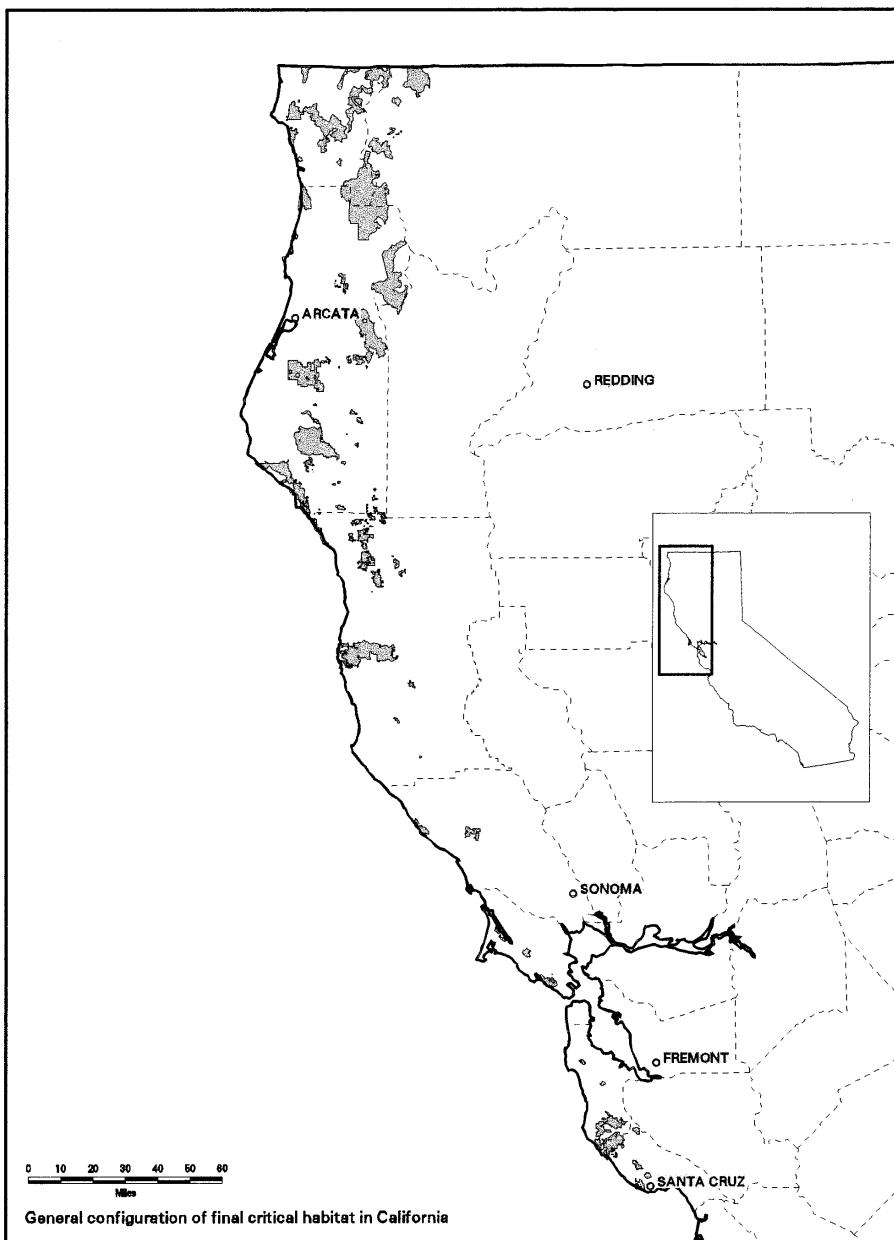
3. A description of the critical habitat units follows. Where a critical habitat unit includes Federal lands within the boundaries of a Late Successional Reserve established by the Northwest Forest Plan, those boundaries include any minor adjustments. Critical habitat units do not include non-federal lands covered by a legally operative incidental take permit for marbled murrelets issued under section 10(a) of the Act.



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Map and description of WA-01-a taken from United States Fish and Wildlife Service 1:100,000 map; Cape Flattery, Forks, and Port Angeles, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

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T.28N., R.10W. Willamette Meridian: W $\frac{1}{2}$  W $\frac{1}{2}$  Section 1; Sections 2-8; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 10; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 11; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 12.

T.28N., R.11W. Willamette Meridian: Sections 1-5; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 6; Sections 7-12; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 13; N $\frac{1}{2}$  Section 14; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 15; N $\frac{1}{2}$  Section 16; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 17; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 18.

T.28N., R.12W. Willamette Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 1; SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 2; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 3; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 10; N $\frac{1}{2}$  Section 11; Section 12 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 13.

T.29N., R.10W. Willamette Meridian: SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 1; Section 2 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 3 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 4-5; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 6; Sections 7-24; Section 25 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 26-35; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 36.

T.29N., R.11W. Willamette Meridian: SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 12; Section 13; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 14; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 22; S $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 23; Sections 24-27; S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 28; SE $\frac{1}{4}$  Section 29; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 32; Sections 33-36.

T.30N., R.09W. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 18; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 19.

T.30N., R.10W. Willamette Meridian: E $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 1; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2; Section 3 except NE $\frac{1}{4}$ ; Section 4; E $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 5; S $\frac{1}{2}$  Section 6; Sections 7-12; Section 13 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 14; Section 15; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 16; N $\frac{1}{2}$  Section 17; Section 18 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 19; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35.

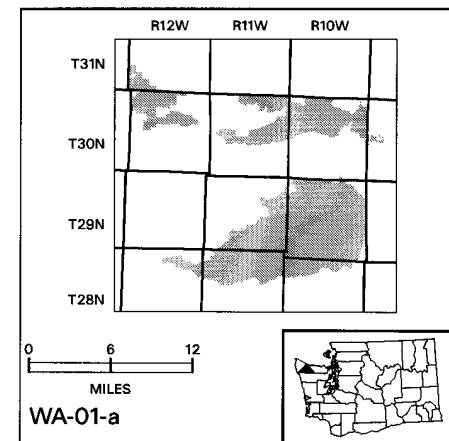
T.30N., R.11W. Willamette Meridian: Sections 1-2; Section 3 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 4 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 11; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 12; Sections 13-14; S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 15; S $\frac{1}{2}$  Section 17; SE $\frac{1}{4}$  Section 18; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 20; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 21; N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 22; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 23; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 24.

T.30N., R.12W. Willamette Meridian: NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 2; W $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 3; Section 4-5; Section 6 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 7; Section 8 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 9; S $\frac{1}{2}$  Section 10; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 11; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 13; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 14; N $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; Section 17 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.31N., R.12W. Willamette Meridian: Section 30 except NE $\frac{1}{4}$ ; Section 31; Section 32 except NE $\frac{1}{4}$ ; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 33.

Critical Habitat includes only State or County lands described within the following areas:

T.30N., R.12W. Willamette Meridian: N $\frac{1}{2}$  Section 16.



Map and description of WA-01-b taken from United States Fish and Wildlife Service 1:100,000 map; Port Angeles, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.29N., R.07W. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 1; NE $\frac{1}{4}$  Section 2.

T.30N., R.07W. Willamette Meridian: NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 26; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 29; Section 30 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 31 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 32; W $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 33; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 34; Sections 35-36.

T.30N., R.08W. Willamette Meridian: Section 25; Section 26 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 27-29; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 32; N $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 33; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 34; N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 35; N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 36.

Critical Habitat includes only State or County lands described within the following areas:

T.30N., R.06W. Willamette Meridian: N $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 18; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 19; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 20; SW $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 21; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 25; E $\frac{1}{2}$  Section 26; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 27; Section 28 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 29; Section 30 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 31-34; W $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  E $\frac{1}{2}$  Section 35; Section 36.

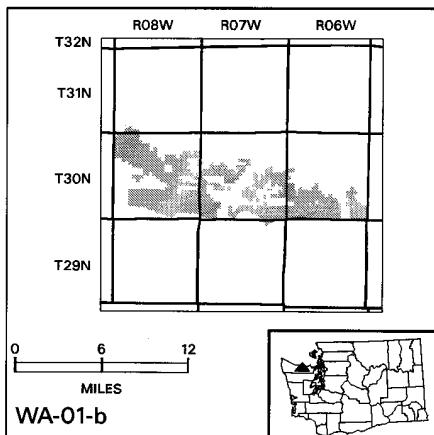
T.30N., R.07W. Willamette Meridian: SE $\frac{1}{4}$  Section 9; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 10; S $\frac{1}{2}$  S $\frac{1}{2}$ ,

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NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 13; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 14; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 16; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 17; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 18; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 19; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 20; NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 21; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  E $\frac{1}{2}$  Section 22; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 23; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 24; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 25; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 27.

T.30N., R.08W. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 4; Section 5 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 6 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 7 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 8; Section 9 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 10; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 11; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  S $\frac{1}{2}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 12; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; Section 14; Section 15 except N $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 16 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 17; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 20; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 22; W $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 23; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  S $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 24.

T.31N., R.08W. Willamette Meridian: E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 31; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 32.



Map and description of WA-02-a taken from United States Fish and Wildlife Service 1:100,000 map; Cape Flattery and Forks, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.28N., R.12W Willamette Meridian: S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 4; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 5; S $\frac{1}{2}$ , NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , Section 6; Sections 7-9; Sections 16-21; Sections 28-33.

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T.29N., R.12W. Willamette Meridian: S $\frac{1}{2}$  Section 7; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 8; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 9; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 16; Section 17 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 18; Section 19 except W $\frac{1}{2}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 20; W $\frac{1}{2}$  Section 30.

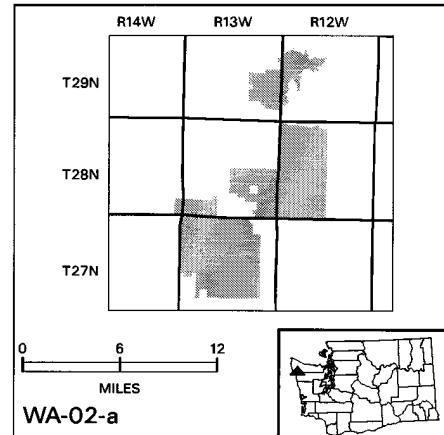
T.29N., R.13W. Willamette Meridian: S $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; Section 23 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 24-25; N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 26, N $\frac{1}{2}$  N $\frac{1}{2}$  Section 36.

Critical Habitat includes only State or County lands described within the following areas:

T.27N., R.13W. Willamette Meridian: W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 2; Sections 3-11; Sections 14-18; N $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 19; Sections 20-23; Sections 26-28; N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 29.

T.28N., R.13W. Willamette Meridian: Sections 22-25; W $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 26; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 27; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 28; Sections 31-32; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 33; E $\frac{1}{2}$  E $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 35; Section 36.

T.28N., R.14W. Willamette Meridian: E $\frac{1}{2}$  Section 36.



Map and description of WA-02-b taken from United States Fish and Wildlife Service 1:100,000 map; Forks and Mt Olympus, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.25N., R.10W. Willamette Meridian: Sections 29-30; Section 31 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 32.

Critical Habitat includes only State or County lands described within the following areas:

T.24N., R.11W. Willamette Meridian: N $\frac{1}{2}$  N $\frac{1}{2}$  Section 1; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 2; Sections 3-8; Section 9 except SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 10; NW $\frac{1}{4}$  Section 16; NW $\frac{1}{4}$ , NW $\frac{1}{4}$

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SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 17; Section 18 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 19.

T.24N., R.12W. Willamette Meridian: NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 1; SE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 2; W $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 10; Section 11; Section 12 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; N $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 23; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 24.

T.25N., R.09W. Willamette Meridian: NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 6.

T.25N., R.10W. Willamette Meridian: Sections 1-11; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 12; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 14; Section 15 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 16-20; N $\frac{1}{2}$  Section 21.

T.25N., R.11W. Willamette Meridian: Section 1-19; Section 20 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 21-36.

T.25N., R.12W. Willamette Meridian: Section 1 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Section 2 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 3 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; E $\frac{1}{2}$  Section 4; SE $\frac{1}{4}$  Section 5; SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 6; Section 7; N $\frac{1}{2}$  Section 8; Section 9; Section 10 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 11; Section 12; Section 13 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  Section 14; Sections 15-16; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 17; Section 18; E $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 20; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 21; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 22; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 23; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 24; Section 25; Section 26 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 35-36.

T.25N., R.13W. Willamette Meridian: Section 1 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 2 except NW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 11; Section 12; Section 13 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 14; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 23; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 24.

T.26N., R.09W. Willamette Meridian: S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19; W $\frac{1}{2}$  Section 29; Sections 30-31; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 32.

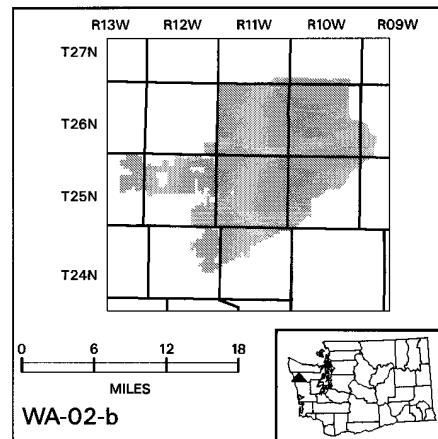
T.26N., R.10W. Willamette Meridian: Sections 2-11; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 13; Sections 14-36.

T.26N., R.11W. Willamette Meridian: Sections 1-36.

T.26N., R.12W. Willamette Meridian: Section 36.

T.27N., R.10W. Willamette Meridian: S $\frac{1}{2}$  Section 31; S $\frac{1}{2}$  Section 32; S $\frac{1}{2}$  Section 33; S $\frac{1}{2}$  Section 34; S $\frac{1}{2}$  Section 35.

T.27N., R.11W. Willamette Meridian: SE $\frac{1}{4}$  Section 35; S $\frac{1}{2}$  Section 36.



Map and description of WA-02-c taken from United States Fish and Wildlife Service 1:100,000 map; Forks and Mt Olympus, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T. 23N., R. 9W. Willamette Meridian: NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 6.

T. 23N., R. 10W. Willamette Meridian: N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 1; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 2; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 3; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 4; N $\frac{1}{2}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 16; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 22.

T. 23N., R. 11W. Willamette Meridian: E $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 1.

T. 24N., R. 09W. Willamette Meridian: S $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  Section 3; Sections 4-10; Section 15 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 16-21; Sections 28-33.

T. 24N., R. 10W. Willamette Meridian: Sections 1-3; S $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 4; S $\frac{1}{2}$  Section 5; S $\frac{1}{2}$  Section 6; Sections 7-30; N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31; Sections 32-36.

T. 24N., R. 10 $\frac{1}{2}$ W. Willamette Meridian: S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 1; Section 12 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Section 13; Section 14 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 23-26; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 35; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 36.

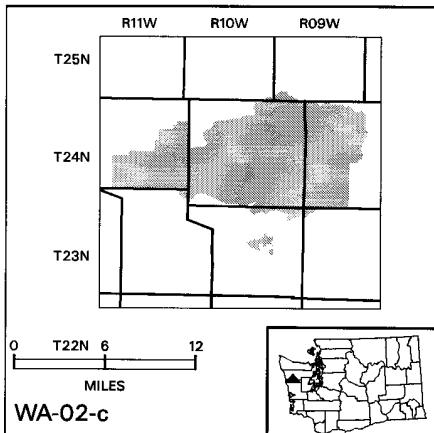
T. 25N., R. 09W. Willamette Meridian: S $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 31; NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 32.

T. 25N., R. 10W. Willamette Meridian: S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 36.

Critical Habitat includes only State or County lands described within the following areas:

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T. 24N., R. 11W. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 12; Sections 13-14; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 20; S $\frac{1}{2}$  Section 21; E $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  Section 22; Sections 23-29; Sections 32-36.



Map and description of WA-02-d taken from United States Fish and Wildlife Service 1:100,000 map; Forks, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.27N., R.11W. Willamette Meridian: N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 27; S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 28; NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 29; SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 34.

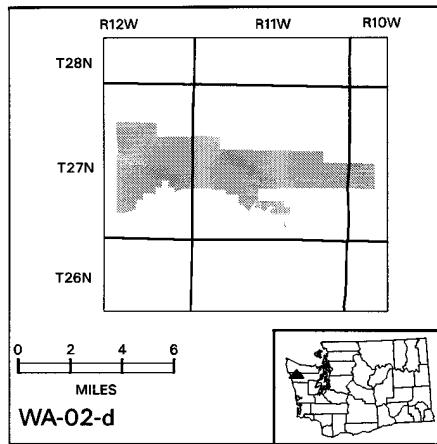
Critical Habitat includes only State or County lands described within the following areas:

T.27N., R.10W. Willamette Meridian: Section 19.

T.27N., R.11W. Willamette Meridian: S $\frac{1}{2}$  Section 14; S $\frac{1}{2}$  Section 15; S $\frac{1}{2}$  Section 16; S $\frac{1}{2}$  Section 17; Sections 18-24; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 27; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 28; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 29; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 30.

T.27N., R.12W. Willamette Meridian: S $\frac{1}{2}$  Section 10; SW $\frac{1}{4}$  Section 11; Sections 13-15; Section 22; Section 23 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 24; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 25; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 26; Section 27 except E $\frac{1}{2}$  SE $\frac{1}{4}$ .

**50 CFR Ch. I (10-1-98 Edition)**



Map and description of WA-03-a taken from United States Fish and Wildlife Service 1:100,000 map; Mt Olympus and Shelton, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.21N., R.07W. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 3.

T.21N., R.08W. Willamette Meridian: Sections 4-9; N $\frac{1}{2}$ , SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 16; Sections 17-18; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 21.

T.21N., R.09W. Willamette Meridian: Section 1; Section 2 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 3 except SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 4; E $\frac{1}{2}$  Section 5; N $\frac{1}{2}$  Section 6.

T.22N., R.07W. Willamette Meridian: Section 1; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 2; W $\frac{1}{2}$  Section 3; Sections 4-5; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 6; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 7; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 8; Section 9; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 11; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 12; N $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 13; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14; Section 15 except SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 16; Section 17 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19; Section 20 except SE $\frac{1}{4}$  4; Section 21 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  Section 22; N $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 24; NW $\frac{1}{4}$  Section 26; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 27; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 28; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 29; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 30; W $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 31; W $\frac{1}{2}$  Section 34.

T.22N., R.08W. Willamette Meridian: E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 1; N $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 2; Sections 3-9; W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , S $\frac{1}{2}$

NE $\frac{1}{4}$  Section 11; W $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 12; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 13; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 14; Section 15 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$ ; Sections 16-21; Section 22 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$ ; E $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 24; SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 25; Section 27 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; Sections 28-33; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 34; Section 35 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 36.

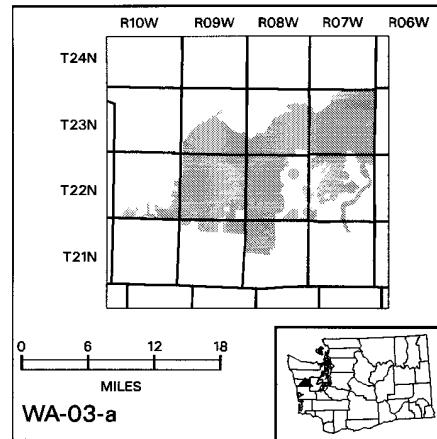
T.22N., R.09N. Willamette Meridian: Sections 1-5; E $\frac{1}{2}$ , E $\frac{1}{2}$  W $\frac{1}{2}$  Section 6; E $\frac{1}{2}$ , E $\frac{1}{2}$  W $\frac{1}{2}$  Section 7; Sections 8-25; Section 26 except SW $\frac{1}{4}$ ; Sections 27-33; Section 34 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 35 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ .

T.22N., R.10W. Willamette Meridian: SE $\frac{1}{4}$  Section 13; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 24; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 25; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 27; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 32; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 33; W $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 34; Section 35 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 36.

T.23N., R.07W. Willamette Meridian: Sections 1-3; S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 7; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8; Sections 9-17; Section 18 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 19-30; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 31; Section 32-33; Section 34 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 35-36.

T.23N., R.08W. Willamette Meridian: S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 11; Section 12 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Sections 13-14; S $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 15; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 16; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 20; S $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 21; Sections 22-29; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 30; Sections 31-34; Section 35 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 36.

T.23N., R.09W. Willamette Meridian: E $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 15; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 16; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 19; S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 20; Sections 21-22; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 24; Sections 25-29; SW $\frac{1}{4}$ , SW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 30; E $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  Section 31; Sections 32-36.



Map and description of WA-03-b taken from United States Fish and Wildlife Service 1:100,000 map; Mt Olympus and Shelton, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.21N., R.06W. Willamette Meridian: W $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 3; Sections 4-8; E $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 9; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 10.

T.22N., R.05W. Willamette Meridian: Sections 1-4; S $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 5; Sections 6-10; Section 11 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$  Section 14; N $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 15; Sections 16-18; N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 19; Sections 20-22; Section 26; Section 28 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 29; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 30; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 31; W $\frac{1}{2}$ , SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 32; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 33; NE $\frac{1}{4}$  Section 34; W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 36.

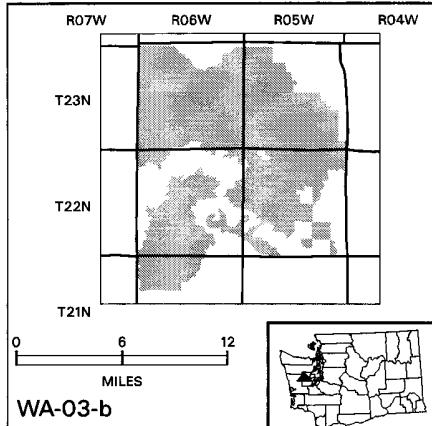
T.22N., R.06W. Willamette Meridian: N $\frac{1}{2}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 1; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 2; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 3; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 5; Section 6 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 8; S $\frac{1}{2}$  Section 9; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 11; NE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 12; Section 13; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 14; Sections 15-16; E $\frac{1}{2}$  Section 17; N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19; Sections 20-21; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ ,

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E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 22; S $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 23; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 24; S $\frac{1}{2}$  N $\frac{1}{2}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  S $\frac{1}{2}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 25; N $\frac{1}{2}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 26; Section 27 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 28-29; E $\frac{1}{2}$  Section 30; Section 31 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 32-34; NW $\frac{1}{4}$  Section 35.

T.23N., R.05W. Willamette Meridian: W $\frac{1}{2}$  W $\frac{1}{2}$  Section 4; S $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  Section 5; S $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  Section 6; Sections 7-9; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 10; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 15; Sections 16-22; Section 23 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 24-25; NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$  Section 26; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 27; Sections 35-36.

T.23N., R.06W. Willamette Meridian: SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 1; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 2; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4; Sections 5-9; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  Section 10; Sections 11-32; Section 33 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 34 except SW $\frac{1}{4}$ ; Sections 35-36.



Critical Habitat includes only State or County lands described within the following areas:

T.16N., R.03W. Willamette Meridian: NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 4; Sections 5-7; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8; NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 16; W $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 17; Section 18; Section 19 except S $\frac{1}{2}$  SE $\frac{1}{4}$ .

T.16N., R.04W. Willamette Meridian: Sections 1-17; Section 18 except SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  Section 19; Section 20 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 21-23; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 26; Section 27 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 28; N $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 33.

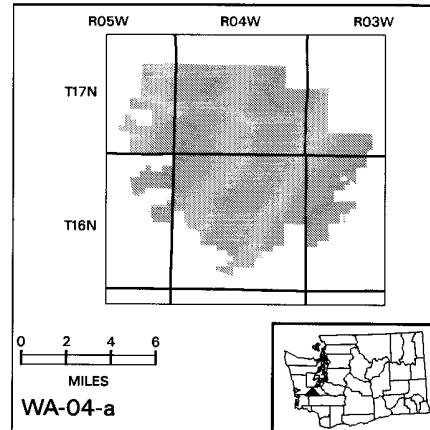
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T.16N., R.05W. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 1; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2; N $\frac{1}{2}$ , SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 11; N $\frac{1}{2}$  Section 12; Section 13 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ .

T.17N., R.03W. Willamette Meridian: Section 19; Sections 30-32; Section 33 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.17N., R.04W. Willamette Meridian: Sections 14-36.

T.17N., R.05W. Willamette Meridian: Section 13; E $\frac{1}{2}$  Section 14; S $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 23; Sections 24-25; NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$  Section 26; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 27; Sections 35-36.



Map and description of WA-04-a taken from United States Fish and Wildlife Service 1:100,000 map; Chehalis River, Washington, 1995.

Critical Habitat includes only State or County lands described within the following areas:

T.12N., R.08W. Willamette Meridian: Section 2 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 3-5; Section 9; Section 10 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; W $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 11; W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 14; Sections 15-16.

T.12N., R.09W. Willamette Meridian: N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 1.

T.13N., R.08W. Willamette Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 4; Section 5 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 6; Section 7 except SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8; SW $\frac{1}{4}$  Section 14; NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 15; Sections 16-20; N $\frac{1}{2}$  Section 21; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 22; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 23; Section 28-29; Section 30 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Sections 32-33.

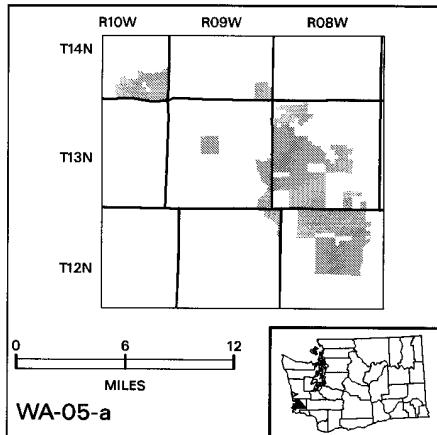
T.13N., R.09W. Willamette Meridian: Section 16; S $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 24; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 25; Section 36 except N $\frac{1}{2}$  NW $\frac{1}{4}$ .

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T.14N., R.09W. Willamette Meridian: Section 36 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ .

T.14N., R.10W. Willamette Meridian: S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 25; S $\frac{1}{2}$  Section 26; SE $\frac{1}{4}$  Section 27; Section 34 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 35 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 36.



Map and description of WA-05-b taken from United States Fish and Wildlife Service 1:100,000 map; Astoria, Oregon-Washington; 1995.

Critical Habitat includes only State or County lands described within the following areas:

T.10N., R.09W. Willamette Meridian: N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 3; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 4.

T.11N., R.09W. Willamette Meridian: Sections 4-10; W $\frac{1}{2}$  Section 14; Sections 15-18; Section 19 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 20-22; Sections 27-29; NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 33; Section 34 except SW $\frac{1}{4}$ .

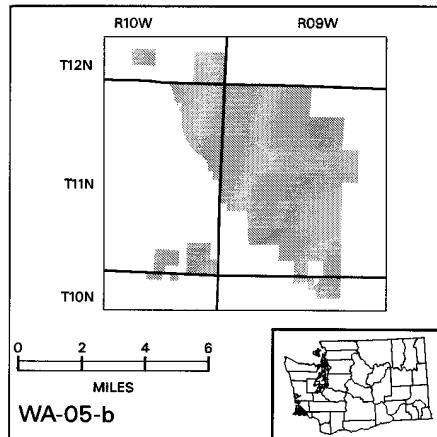
T.11N., R.10W. Willamette Meridian: Section 1; E $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 2; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 11; Section 12; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 13; Section 36 except E $\frac{1}{2}$  NE $\frac{1}{4}$ .

T.12N., R.10W. Willamette Meridian: NW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 34; Section 36.

Critical Habitat includes only Private lands described within the following areas:

T.11N., R.10W. Willamette Meridian: S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , that portion of the SE $\frac{1}{4}$  SW $\frac{1}{4}$  west of Ellsworth Creek, NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 35.

T.10N., R.10W. Willamette Meridian: NW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 2; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 3.



Map and description of WA-05-c taken from United States Fish and Wildlife Service 1:100,000 map; Astoria, Oregon-Washington; 1995.

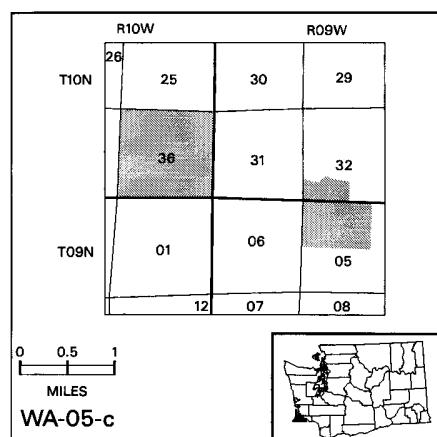
Critical Habitat includes only State or County lands described within the following areas:

T.10N., R.10W. Willamette Meridian: Section 36.

Critical Habitat includes only Private lands described within the following areas:

T.09N., R.09W. Willamette Meridian: NW $\frac{1}{4}$ , WI $\frac{1}{2}$  NE $\frac{1}{4}$  Section 5.

T.10N., R.09W. Willamette Meridian: That portion of the S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 32 south of Bean Creek.



Map and description of WA-05-d taken from United States Fish and Wildlife Service 1:100,000 map; Cape Flattery, Washington; Astoria, Oregon-Washington; 1995.

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Critical Habitat includes only State or County lands described within the following areas:

T. 10N., R. 06W. Willamette Meridian: Sections 2-5; N $\frac{1}{2}$  Section 6; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 7; Sections 8-10; Sections 14-17; E $\frac{1}{2}$  Section 18; Section 19; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 20; Section 21-27; S $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 28; NE $\frac{1}{4}$  Section 29; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 30; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 33; N $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 34; N $\frac{1}{2}$ , SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 35; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 36.

T. 10N., R. 08W. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 1; Section 2; NW $\frac{1}{4}$  Section 10; E $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 11; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 12.

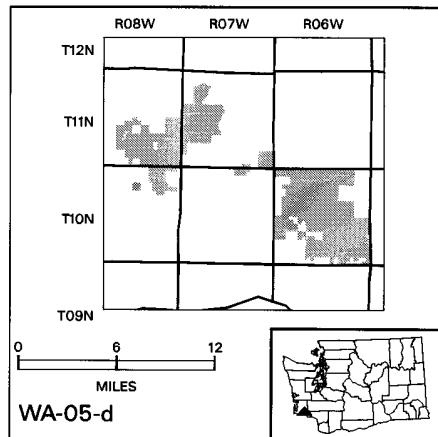
T. 11N., R. 07W. Willamette Meridian: N $\frac{1}{2}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 8; Section 16 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 17-20; W $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 21; N $\frac{1}{2}$  Section 29; N $\frac{1}{2}$ , SW $\frac{1}{4}$  Section 30; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 31; Section 36.

T. 11N., R. 08W. Willamette Meridian: S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 21; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 22; Sections 24-28; E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 33; N $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 34; Sections 35-36.

Critical Habitat includes only Private lands described within the following areas:

T. 10N., R. 07W. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 2; NE $\frac{1}{4}$  Section 3.

T. 11N., R. 07W. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 35.



Map and description of WA-05-e taken from United States Fish and Wildlife Service

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1:100,000 map; Astoria, Oregon-Washington; 1995.

Critical Habitat includes only State or County lands described within the following areas:

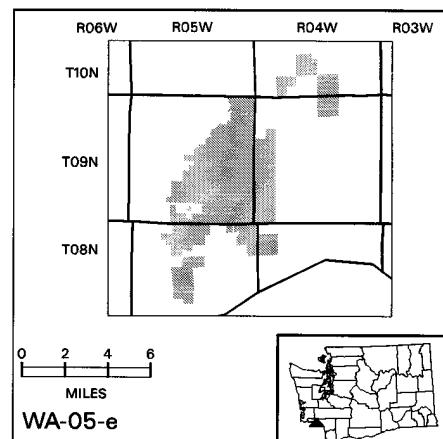
T. 08N., R. 04W. Willamette Meridian: S $\frac{1}{2}$  Section 6; N $\frac{1}{2}$  Section 7.

T. 08N., R. 05W. Willamette Meridian: Section 1; NE $\frac{1}{4}$  Section 2; E $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 3; Section 4; N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 5; NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 9; SW $\frac{1}{4}$  Section 10; NE $\frac{1}{4}$  Section 12; Section 16; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 21.

T. 09N., R. 04W. Willamette Meridian: Section 3; SE $\frac{1}{4}$  Section 7; Sections 18-19; Sections 30-31.

T. 09N., R. 05W. Willamette Meridian: Section 1; N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 2; SW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 10; Section 11 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 12-14; Section 15 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 16; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 21; Sections 22-28; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 29; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 33; Section 34 except NW $\frac{1}{4}$ ; Sections 35-36.

T. 10N., R. 04W. Willamette Meridian: Section 28 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; W $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 32; Section 34.



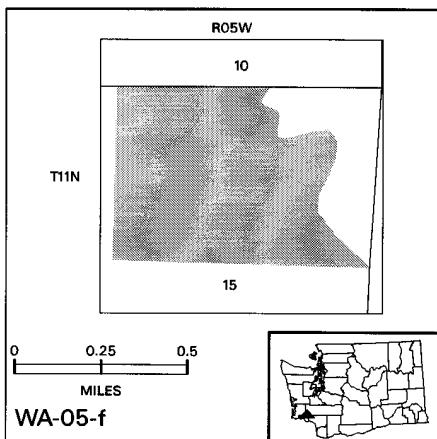
Map and description of WA-05-f taken from United States Fish and Wildlife Service 1:100,000 map; Astoria, Oregon-Washington; 1995.

Critical Habitat includes only Private lands described within the following areas:

T. 11N., R. 05W. Willamette Meridian: E $\frac{1}{2}$  NW $\frac{1}{4}$ , that portion of the NE $\frac{1}{4}$  west of the East Fork Chehalis River Section 15.

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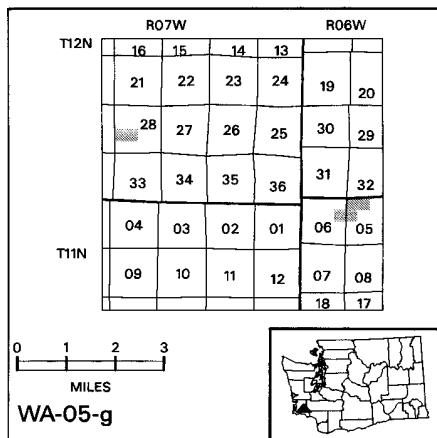


Map and description of WA-05-g taken from United States Fish and Wildlife Service 1:100,000 map; Astoria, Oregon-Washington; 1995.

Critical Habitat includes only Private lands described within the following areas:

T.11N., R.06W. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 5; SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 6.

T.12N., R.07W. Willamette Meridian: N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 28.



Map and description of WA-05-h taken from United States Fish and Wildlife Service 1:100,000 map; Chehalis River, Washington; 1995.

Critical Habitat includes only State or County lands described within the following areas:

T.12N., R.05W. Willamette Meridian: NW $\frac{1}{4}$  Section 6.

T.12N., R.06W. Willamette Meridian: NE $\frac{1}{4}$  Section 1; N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 3; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 6.

T.12N., R.07W. Willamette Meridian: N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 1; N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 2, NE $\frac{1}{4}$  Section 3.

T.12N., R.08W. Willamette Meridian: NE $\frac{1}{4}$  Section 1.

T.13N., R.05W. Willamette Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$  Section 7; NE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 8; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 9; S $\frac{1}{2}$  Section 10; Sections 15-21; Section 22 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  E $\frac{1}{2}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 27; NE $\frac{1}{4}$  Section 28; Section 29-31; Section 32 except W $\frac{1}{2}$  SW $\frac{1}{4}$ .

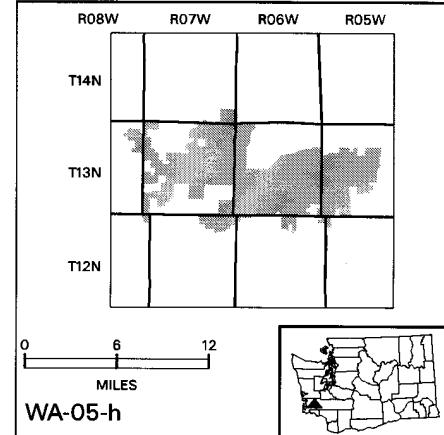
T.13N., R.06W. Willamette Meridian: NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 5; Sections 6-7; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 8; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 10; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 11; S $\frac{1}{2}$  Section 12; Sections 13-15; SE $\frac{1}{4}$  Section 16; Sections 18-33; Section 34 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 35; N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 36.

T.13N., R.07W. Willamette Meridian: Sections 1-2; Section 3 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 6; W $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 7; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 9; Section 10 except NE $\frac{1}{4}$ ; Sections 11-16; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 17; NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 18; S $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 19; N $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 20; Sections 21-24; Section 27; Section 29 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  Section 30; W $\frac{1}{2}$  Section 31; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , Section 32; Section 36.

T.13N., R.08W. Willamette Meridian: S $\frac{1}{2}$  Section 1; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 2; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 12.

T.14N., R.06W. Willamette Meridian: SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 31.

T.14N., R.07W. Willamette Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 34; SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 35; Section 36.



Map and description of WA-06-a taken from United States Fish and Wildlife Service

## § 17.95

1:100,000 map; Port Angeles, Mt Olympus and Seattle, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.26N., R.02W. Willamette Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 2; Section 3 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 4; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 5; Sections 6-7; W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 8; S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; Section 10 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 14 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 15; Section 16-21; W $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; Section 27 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ .

T.26N., R.03W. Willamette Meridian: Sections 1-3; E $\frac{1}{2}$ , E $\frac{1}{2}$  W $\frac{1}{2}$  Section 10; Sections 11-13; Section 14 except the SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 15; S $\frac{1}{2}$  Section 16; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 17; S $\frac{1}{2}$  N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 19; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 20; NE $\frac{1}{4}$  Section 21; N $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 22; Section 23 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 24 except N $\frac{1}{2}$  SW $\frac{1}{4}$ .

T.26N., R.04W. Willamette Meridian: E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 24.

T.27N., R.02W. Willamette Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 5; Section 6 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 7; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 8; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; Sections 18-19; Section 20 except the NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 28; Sections 29-33; W $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 34; N $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 35.

T.27N., R.03W. Willamette Meridian: Sections 1-2; N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 3; Section 11-13; Section 14 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; SE $\frac{1}{4}$  Section 15; E $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 22; Sections 23-26; Section 27 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  Section 28; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 33; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 34; Sections 35-36.

T.28N., R.02W. Willamette Meridian: N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 5; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 7; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 8; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 18; NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 20; SW $\frac{1}{4}$  Section 28; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 29; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 30; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 31.

T.28N., R.03W. Willamette Meridian: N $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 1; W $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 2; Sections 3-10; W $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 11; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 12; Sections 13-23; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 24; N $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 25; Sections 26-29; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 30; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 32; Section 33 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sec-

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tion 34; Section 35 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; SE $\frac{1}{4}$  Section 36.

T.28N., R.04W. Willamette Meridian: NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 1; SE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 12; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 13; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 23; Sections 24-25; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 26; E $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  Section 35; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 36.

T.29N., R.02W. Willamette Meridian: W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 30; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 32.

T.29N., R.03W. Willamette Meridian: Section 19; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 20; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 23; Section 24 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 25; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 26; S $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 27; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 28; Section 29 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 30-34; S $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 35; Section 36.

T.29N., R.04W. Willamette Meridian: S $\frac{1}{2}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19; S $\frac{1}{2}$  Section 20; S $\frac{1}{2}$  Section 21; E $\frac{1}{2}$  W $\frac{1}{2}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 22; E $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 23; Section 24; Section 25 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 26; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 27; Sections 28-30; N $\frac{1}{2}$  Section 32; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 33; E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 34; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 35; Section 36 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ .

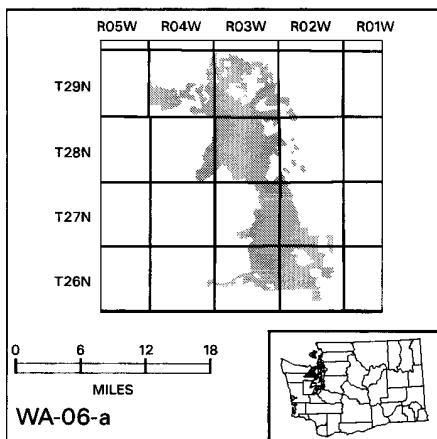
Critical Habitat includes only State or County lands described within the following areas:

T.29N., R.03W. Willamette Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 5; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 6; Section 7 except E $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 8-9; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 10; NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 11; NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 13; Section 14 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 15; W $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 16; Section 17; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 18; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 21; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 28.

T.29N., R.04W. Willamette Meridian: E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 1; E $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 18.

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Map and description of WA-06-b taken from United States Fish and Wildlife Service 1:100,000 map; Mt Olympus and Shelton, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.23N., R.04W. Willamette Meridian: NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 3; Section 4 except SE $\frac{1}{4}$ ; Sections 5-6; N $\frac{1}{2}$  Section 7; N $\frac{1}{2}$  Section 8; NW $\frac{1}{4}$  Section 9.

T.23N., R.05W. Willamette Meridian: E $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 3; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 10; S $\frac{1}{2}$  N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 11; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 12.

T.24N., R.03W. Willamette Meridian: Sections 5-6; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 7.

T.24N., R.04W. Willamette Meridian: Sections 1-5; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 6; Section 7 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 8-16; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 17; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 18; N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19; Sections 20-24; Section 25 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 26-29; SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 30; Section 31 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 32-35; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 36.

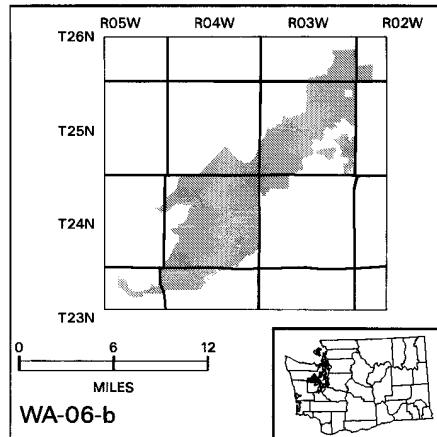
T.24N., R.05W. Willamette Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 12; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 13.

T.25N., R.03W. Willamette Meridian: Section 1 except E $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 2-3; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 4; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 9; Sections 10-12; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 13; Sections 14-15; Section 16 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 17; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 18; E $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 19; Sections 20-21; Section 22 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; SE $\frac{1}{4}$  Section 23; S $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 24; Section 25; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 26; NW $\frac{1}{4}$ , N $\frac{1}{2}$  S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 27; Sections 28-32; Section 33 except E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 36.

T.25N., R.04W. Willamette Meridian: E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 25; SW $\frac{1}{4}$  Section 26; S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 27; S $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 33; Sections 34-36.

T.26N., R.02W. Willamette Meridian: Section 31.

T.26N., R.03W. Willamette Meridian: Section 25; E $\frac{1}{2}$  Section 26; S $\frac{1}{2}$  Section 34; Section 35 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 36.



Map and description of WA-07-a taken from United States Fish and Wildlife Service 1:100,000 map; Bellingham and Mt. Baker, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.37N., R.06E. Willamette Meridian: NE $\frac{1}{4}$  Section 1.

T.37N., R.07E. Willamette Meridian: W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 3; Sections 4-5; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 6; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 8; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10.

T.38N., R.06E. Willamette Meridian: Section 1; Sections 12-13; E $\frac{1}{2}$ , E $\frac{1}{2}$  W $\frac{1}{2}$  Section 36.

T.38N., R.07E. Willamette Meridian: NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 3; Sections 4-8; Section 9 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 10; NW $\frac{1}{4}$  Section 16; Section 17 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 18-19; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 20; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 27; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 28; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 29; Section 30 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 31-33; W $\frac{1}{2}$  Section 34.

T.39N., R.06E. Willamette Meridian: Section 25; Section 36.

T.39N., R.07E. Willamette Meridian: Sections 1-4; Section 5 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$  Section 8; Sections 9-12; Sections 14-15; N $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 16; NE $\frac{1}{4}$  Section 17; Section 21 except NW $\frac{1}{4}$ ; W $\frac{1}{2}$  Section 22; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 23; W $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 27; Section 28; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 30; Sections 31-33; W $\frac{1}{2}$  Section 34.

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T.39N., R.08E. Willamette Meridian: Sections 1-12; W $\frac{1}{2}$  Section 15; Sections 16-17; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19; Sections 20-21; W $\frac{1}{2}$  Section 22.

T.39N., R.09E. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 3; Sections 4-8; Section 9 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 10 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 14; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 15; W $\frac{1}{2}$  Section 16; Section 17; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 20; NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 21.

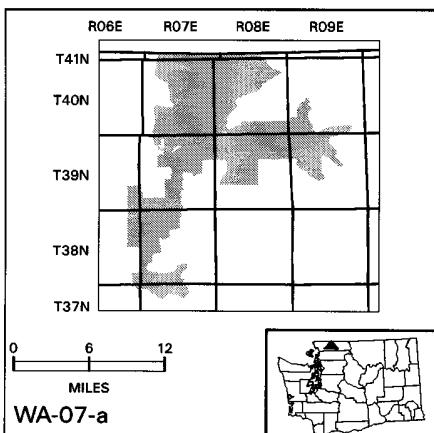
T.40N., R.07E. Willamette Meridian: Sections 1-4; E $\frac{1}{2}$ , E $\frac{1}{2}$  W $\frac{1}{2}$  Section 5; E $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 8; Section 9 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 10-15; E $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 16; SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 20; SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 21; Sections 22-28; E $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  Section 29; Sections 32-36.

T.40N., R.08E. Willamette Meridian: Section 2 except NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 3-10; Section 11 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$  Section 12; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 15; Sections 16-20; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 29; Sections 30-31; S $\frac{1}{2}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 32; Section 33 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 34-36.

T.40N., R.09E. Willamette Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 19; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 20; Section 29 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 30; Sections 31-32; S $\frac{1}{2}$  S $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 33; Section 34 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; S $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 35.

T.41N., R.07E. Willamette Meridian: Sections 32-36.

T.41N., R.08E. Willamette Meridian: Sections 31-34, W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 35.



Map and description of WA-07-a taken from United States Fish and Wildlife Service 1:100,000 map; Bellingham, Washington; 1995.

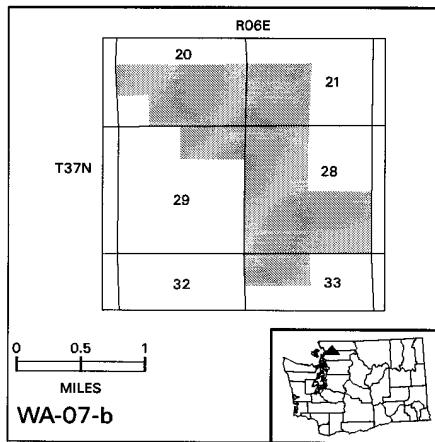
## 50 CFR Ch. I (10-1-98 Edition)

Critical Habitat includes only State or County lands described within the following areas:

T.37N., R.06E. Willamette Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 20; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 28.

Critical Habitat includes only Private lands described within the following areas:

T.37N., R.06E. Willamette Meridian: N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 20; SW $\frac{1}{4}$  Section 21; Section 28 except NE $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 29; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 33.



Map and description of WA-07-b taken from United States Fish and Wildlife Service 1:100,000 map; Mt Baker and Sauk River, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.35N., R.09E. Willamette Meridian: Sections 1-2; E $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  Section 11; Section 12; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 14.

T.35N., R.10E. Willamette Meridian: W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 6; Section 7; Section 8 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 9; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 17; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 18.

T.36N., R.07E. Willamette Meridian: Section 1; E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 2; Section 3; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 4.

T.36N., R.08E. Willamette Meridian: Section 5; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 6.

T.36N., R.09E. Willamette Meridian: Sections 1-4; E $\frac{1}{2}$  Section 5; Section 8 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; N $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; Section 11 except S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 12-15; Sections 21-24; S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 26; Section 27 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 28 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 33.

T.36N., R.10E. Willamette Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 5; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 6; Section 7; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 8; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17;

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Sections 18–20; SW $\frac{1}{4}$  Section 21; W $\frac{1}{2}$  Section 28; Sections 29–30; N $\frac{1}{2}$ , SW $\frac{1}{4}$  Section 31; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 32; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 33.

T.37N., R.07E. Willamette Meridian: S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 9; S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 10; S $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 11; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12; W $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 13; Sections 14–15; Section 16 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 20; Sections 21–27; Section 28 except E $\frac{1}{2}$  E $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; E $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 33; Sections 34–36.

T.37N., R.08E. Willamette Meridian: Sections 1–3; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 4; NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 7; S $\frac{1}{2}$  Section 8; Section 9 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 10–16; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 18; Section 19; Section 20 except NE $\frac{1}{4}$ ; Section 21 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 22–36.

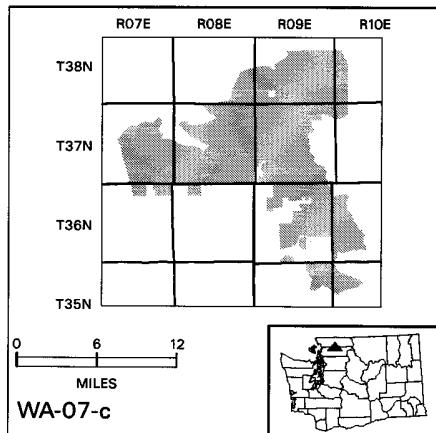
T.37N., R.09E. Willamette Meridian: Sections 1–10; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 12; N $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 14; Sections 15–22; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 23; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 25; W $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 26; Sections 27–29; Section 30 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 31 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 32–35; W $\frac{1}{2}$  Section 36.

T.37N., R.10E. Willamette Meridian: Section 6; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 7.

T.38N., R.08E. Willamette Meridian: E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 23; S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 24; Section 25; E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 26; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 33; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 34; Section 35 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 36.

T.38N., R.09E. Willamette Meridian: Sections 13–15; Section 16 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; Section 19 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Section 20 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 21–31; Section 32 except NW $\frac{1}{4}$ ; Sections 33–36.

T.38N., R.10E. Willamette Meridian: Section 18 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 19; Sections 30–31.



Map and description of WA-07-d taken from United States Fish and Wildlife Service 1:100,000 map; Cape Flattery, Mt Baker and Sauk River, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.34N, R.12E. Willamette Meridian: Sections 1–3; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 10; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 11; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 12.

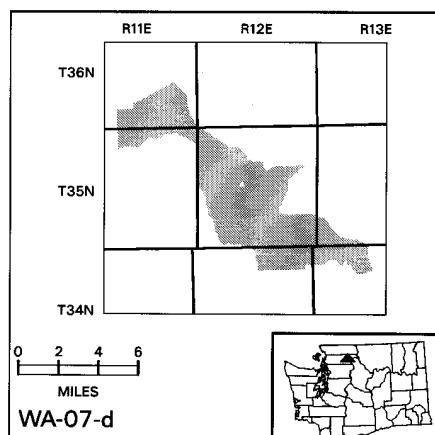
T.34N, R.13E. Willamette Meridian: W $\frac{1}{2}$  Section 4; Sections 5–6; N $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 8; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 9.

T.35N, R.11E. Willamette Meridian: N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 1; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 2; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 3; Section 4.

T.35N, R.12E. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 5; W $\frac{1}{2}$ , SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 6; Sections 7–8; Section 9 except NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 10; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 13; Section 14 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 15–18; Section 19 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 20–22; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 23; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 25; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 26; Sections 27–29; NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 30; NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 31; Sections 32–36.

T.35N, R.13E. Willamette Meridian: SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 30; Section 31 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 32; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 33.

T.36N, R.11E. Willamette Meridian: SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 23; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 24; W $\frac{1}{2}$  Section 25; Section 26; Section 27 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 28; Sections 33–35; Section 36 except E $\frac{1}{2}$  NE $\frac{1}{4}$ .



Map and description of WA-08-a taken from United States Fish and Wildlife Service 1:100,000 map; Bellingham, Mt. Baker and Sauk River, Washington; 1995.

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Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.32N., R.08E. Willamette Meridian: N $\frac{1}{2}$  Section 1; N $\frac{1}{2}$  Section 3; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 4; N $\frac{1}{2}$  Section 5; N $\frac{1}{2}$  Section 6.

T.33N., R.08E. Willamette Meridian: Sections 1-30; Section 31 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 32; Section 33 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 34 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 35; Section 36 except N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ .

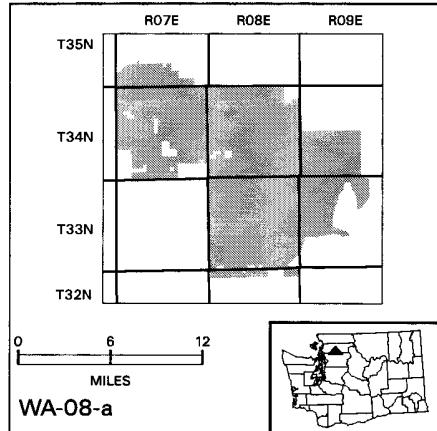
T.33N., R.09E. Willamette Meridian: W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 2; Section 3 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 4-8; Section 9 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; W $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 11; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 14; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 15; W $\frac{1}{2}$  Section 16; Sections 17-20; Section 21 except NE $\frac{1}{4}$ ; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 22; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 29; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 30.

T.34N., R.07E. Willamette Meridian: Sections 1-6; Section 7 except N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 8 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 9-15; Section 16 except W $\frac{1}{2}$  E $\frac{1}{2}$ ; Sections 17-21; Section 22 except SW $\frac{1}{4}$ ; Sections 23-26; S $\frac{1}{2}$  Section 27; Sections 28-29; N $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 32; Section 33; Section 34 except SW $\frac{1}{4}$  NE $\frac{1}{4}$ .

T.34N., R.08E. Willamette Meridian: Sections 2-11; Section 12 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 13-28; Section 29 except S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 30 except SE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 31-36.

T.34N., R.09E. Willamette Meridian: Sections 19-22; Sections 27-34.

T.35N., R.07E. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 27; S $\frac{1}{2}$  Section 28; Section 29 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ ; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 30; Sections 31-34; S $\frac{1}{2}$  Section 35.



## 50 CFR Ch. I (10-1-98 Edition)

Map and description of WA-08-b taken from United States Fish and Wildlife Service 1:100,000 map; Sauk River, Washington; 1995.

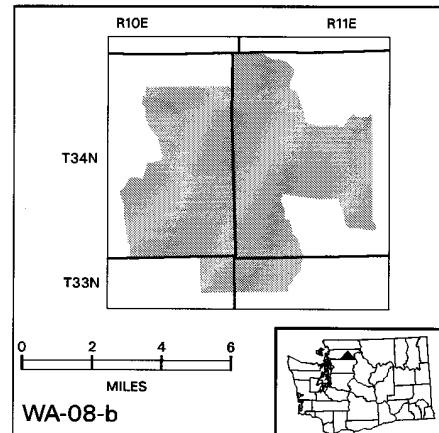
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.33N., R.10E. Willamette Meridian: Section 1.

T.33N., R.11E. Willamette Meridian: Section 5 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 6.

T.34N., R.10E. Willamette Meridian: SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 10; Sections 11-14; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  E $\frac{1}{2}$  Section 15; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 21; Section 22 except NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 23-27; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  E $\frac{1}{2}$  Section 28; NE $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 33; Sections 34-36.

T.34N., R.11E. Willamette Meridian: Section 5 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 6-8; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 9; S $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 10; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 14; Section 15 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 16 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 17-22; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 23; W $\frac{1}{2}$  W $\frac{1}{2}$  Sections 26-27 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  Section 28; W $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 29; Sections 30-31; Section 32 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 34; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 35.



Map and description of WA-09-a taken from United States Fish and Wildlife Service 1:100,000 map; Sauk River, Washington; 1995.

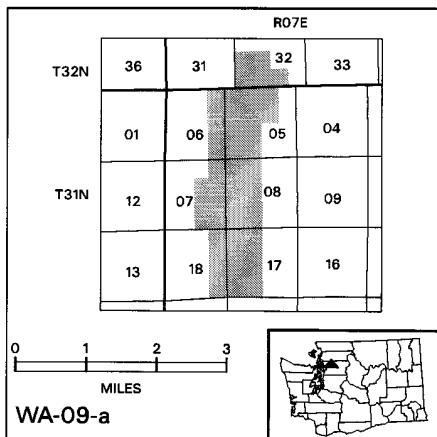
Critical Habitat includes only Federal lands described within the following areas:

T.31N., R.07E. Willamette Meridian: W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 5; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 6; SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 7; W $\frac{1}{2}$  Section 8; W $\frac{1}{2}$  Section 17; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 18.

T.32N., R.07E. Willamette Meridian: SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 32.

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Map and description of WA-09-b taken from United States Fish and Wildlife Service 1:100,000 map; Sauk River, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.29N., R.09E. Willamette Meridian: Section 1; N $\frac{1}{2}$  Section 2; Sections 3-6; N $\frac{1}{2}$  Section 7; N $\frac{1}{2}$  Section 8; N $\frac{1}{2}$  Section 9; NW $\frac{1}{4}$  Section 10.

T.29N., R.10E. Willamette Meridian: Sections 1-3; W $\frac{1}{2}$  Section 6; Sections 11-13.

T.29N., R.11E. Willamette Meridian: W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 2; NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 3; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 5; Sections 6-7; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 17; Section 18; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 19; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 20.

T.30N., R.08E. Willamette Meridian: Sections 1-3; N $\frac{1}{2}$  Section 4; N $\frac{1}{2}$  Section 5; N $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 11; Sections 12-13; E $\frac{1}{2}$  Section 14; SW $\frac{1}{4}$  Section 15; Sections 16-17; Section 18 except S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 19-26; N $\frac{1}{2}$  Section 27; N $\frac{1}{2}$  Section 28; N $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 35.

T.30N., R.09E. Willamette Meridian: NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 1; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 2; W $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 6; Section 7; S $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 9; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 10; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 12; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 14; Section 15; Section 16 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 17; W $\frac{1}{2}$  Section 18; Section 19 except W $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 20 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ ; Sections 21-22; Section 23 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 24; Sections 25-36.

T.30N., R.10E. Willamette Meridian: Sections 1-6; N $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 7; Sections 8-17; E $\frac{1}{2}$  Section 18; Sections 19-28; N $\frac{1}{2}$ , N $\frac{1}{2}$

SE $\frac{1}{4}$  Section 29; Section 30 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 31 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 32; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 33; Sections 34-36.

T.30N., R.11E. Willamette Meridian: SW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 5; Sections 6-8; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 9; Section 10 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 15 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 16-22; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 27; Section 28 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 29-31; Section 32 except SE $\frac{1}{4}$ ; Section 33 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 34 except NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.31N., R.07E. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 1; Sections 12-13.

T.31N., R.08E. Willamette Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 3; S $\frac{1}{2}$  Section 4; S $\frac{1}{2}$  Section 5; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 6; Section 7; Section 8 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 9; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 10; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; Sections 18-21; Section 22 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 23; Section 25 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 26-36.

T.31N., R.09E. Willamette Meridian: Section 1; E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 2; E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 3; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 10; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 12; Section 13 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 23 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 24-26; S $\frac{1}{2}$  Section 27; N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 28; W $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31; N $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 35; Section 36.

T.31N., R.10E. Willamette Meridian: Section 6 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; Sections 7-8; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 9; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; Section 15 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 16; Sections 17-21; Section 22 except E $\frac{1}{2}$  NE $\frac{1}{2}$ ; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 23; SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 25; Section 26 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 27-36.

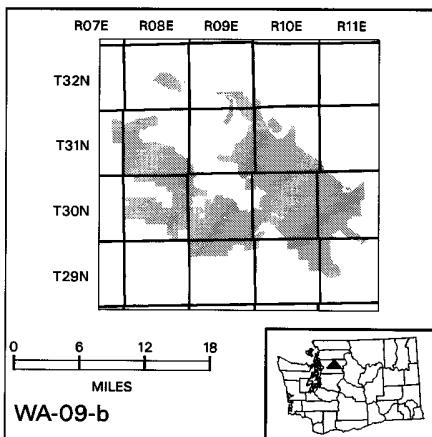
T.31N., R.11E. Willamette Meridian: W $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 31.

T.32N., R.08E. Willamette Meridian: SW $\frac{1}{4}$  Section 14; S $\frac{1}{2}$  Section 15; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 21; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 22; Section 23 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; W $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 24; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 25; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 26.

T.32N., R.09E. Willamette Meridian: S $\frac{1}{2}$  Section 26; N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 27; N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 28; E $\frac{1}{2}$  Section 34; E $\frac{1}{2}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35; Section 36 except NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.32N., R.10E. Willamette Meridian: Section 31 except E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ .

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Map and description of WA-09-c taken from United States Fish and Wildlife Service 1:100,000 map; Sauk River and Skykomish River, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.27N., R.09E. Willamette Meridian: E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 1.

T.27N., R.10E. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 6.

T.28N., R.09E. Willamette Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$  Section 23; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 24; Section 25; Section 26 except N $\frac{1}{2}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 36.

T.28N., R.10E. Willamette Meridian: S $\frac{1}{2}$  Section 19; Section 20 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 21; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 24; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 25; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 26; S $\frac{1}{2}$  Section 27; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 29; N $\frac{1}{2}$ , SW $\frac{1}{4}$  Section 30; Section 31 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 32 except E $\frac{1}{2}$  E $\frac{1}{2}$ .

T.29N., R.08E. Willamette Meridian: SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 25; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 27; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 28.

T.29N., R.09E. Willamette Meridian: Section 30 except N $\frac{1}{2}$  N $\frac{1}{2}$ .

Critical Habitat includes only State or County lands described within the following areas:

T.27N., R.09E. Willamette Meridian: NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 2; N $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 3; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 11; Section 12; Section 13 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 14.

T.27N., R.10E. Willamette Meridian: Section 7; S $\frac{1}{2}$  Section 8; Section 9 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section

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10; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 16; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 17; Section 18 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.28N., R.08E. Willamette Meridian: Sections 1-2; Section 3 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 4-5; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 6; Section 7; E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 8; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; Sections 10-12; N $\frac{1}{2}$  N $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 13; N $\frac{1}{2}$  Section 14; Section 15; S $\frac{1}{2}$  S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 16; Section 17 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$ ; Section 18 except SW $\frac{1}{4}$ ; W $\frac{1}{2}$  Section 20; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 21; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 36.

T.28N., R.09E. Willamette Meridian: Sections 1-4; S $\frac{1}{2}$  Section 5; N $\frac{1}{2}$ , SW $\frac{1}{4}$  Section 6; W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 7; NE $\frac{1}{4}$  Section 8; Sections 9-11; Section 12 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 13; Sections 14-16; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 17; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 20; Section 21; Section 27; Section 28 except E $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 29 except NW $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 31; N $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 32; N $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 33; Section 34 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; SW $\frac{1}{4}$  Section 35.

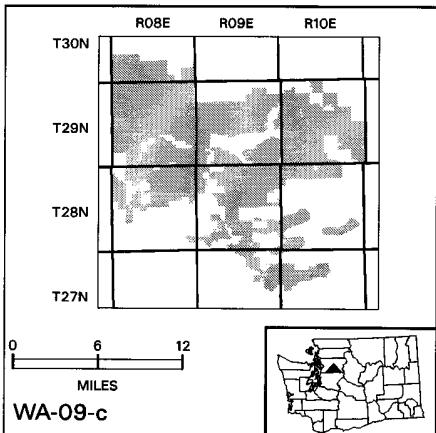
T.28N., R.10E. Willamette Meridian: W $\frac{1}{2}$  Section 2; Section 3; Section 4 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 5-6; NW $\frac{1}{4}$  Section 7.

T.29N., R.08E. Willamette Meridian: Sections 1-21; Section 22 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 23 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 24; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$  Section 25; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 26; Section 27 except NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 28; Sections 29-30; Sections 32-34; Section 35 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 36.

T.29N., R.09E. Willamette Meridian: S $\frac{1}{2}$  Section 2; S $\frac{1}{2}$  Section 7; S $\frac{1}{2}$  Section 8; S $\frac{1}{2}$  Section 9; S $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 10; Sections 11-12; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 13; Sections 14-19; Section 20 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 21; Section 22 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; Section 23 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; NE $\frac{1}{4}$  Section 24; Section 25; Section 26 except NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ ; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 27; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 29; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 30; W $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 31; Section 32 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 33 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 34 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 35-36.

T.29N., R.10E. Willamette Meridian: Section 4 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 6; Sections 7-8; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 9; Section 10 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 14; Section 15 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 16-24; Section 25 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 26 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 28-33; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 34; Section 36.

T.30N., R.10E. Willamette Meridian: S $\frac{1}{2}$  Section 27; S $\frac{1}{2}$  Section 28; Sections 29-34; SW $\frac{1}{4}$  Section 35; Section 36.



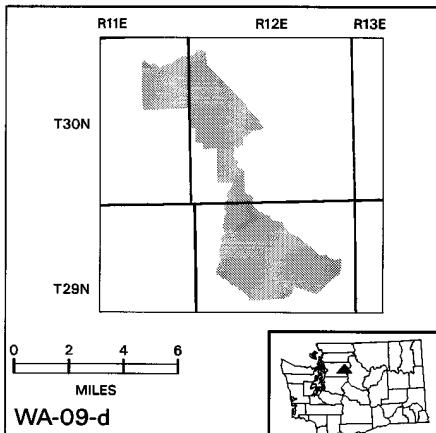
Map and description of WA-09-d taken from United States Fish and Wildlife Service 1:100,000 map; Sauk River, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.29N., R.12E. Willamette Meridian: SW $\frac{1}{4}$  Section 3; Section 4 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 5; Sections 8-10; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 11; Section 13 except E $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 14-17; NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 18; NE $\frac{1}{4}$  Section 20; N $\frac{1}{2}$ , N $\frac{1}{2}$  N $\frac{1}{2}$  Section 21; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 22; N $\frac{1}{2}$  Section 23; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 24.

T.30N., R.11E. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 1; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 2; Sections 11-12; N $\frac{1}{2}$  Section 13; N $\frac{1}{2}$  Section 14.

T.30N., R.12E. Willamette Meridian: S $\frac{1}{2}$  Section 6; Section 7; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 8; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 16; Sections 17-18; N $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 19; Section 20; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 21; Section 29 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 32; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 33.



Map and description of WA-09-e taken from United States Fish and Wildlife Service 1:100,000 map; Sauk River, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.31N., R.11E. Willamette Meridian: N $\frac{1}{2}$  Section 1; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 2; Section 3; Section 4 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 5; N $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 9; E $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 10; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 11; W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 14; E $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 15; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 22; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 23.

T.31N., R.12E. Willamette Meridian: N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 4; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 5; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 6.

T.32N., R.10E. Willamette Meridian: Sections 1-3; Sections 10-14; N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 15; Sections 23-25; N $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 26; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 36.

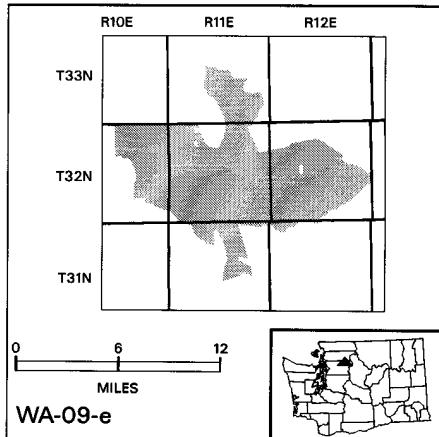
T.32N., R.11E. Willamette Meridian: NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 1; Section 2; E $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  Section 3; Sections 5-8; W $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 9; Section 10 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 11; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 12; Sections 13-30; N $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 31; Section 32-36.

T.32N., R.12E. Willamette Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 7; S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 8; Section 9 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 13; W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 14; Sections 15-16; Section 17 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 18-19; Section 20 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 21-23; Section 24 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 25; Sections 26-33; N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 34; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 35.

T.33N., R.11E. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; E $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 16; Sections 21-22; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 23; W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 25; Section 26 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ .

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Section 27; E $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 28; Section 34 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 35; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 36.



Map and description of WA-10-a taken from United States Fish and Wildlife Service 1:100,000 map; Skykomish River, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.26N., R.10E. Willamette Meridian: W $\frac{1}{2}$  W $\frac{1}{2}$  Section 4; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 5; Section 7 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 8; Section 9 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 10; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 11; S $\frac{1}{2}$  Section 13; Section 14 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 15-19; N $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 20; Sections 21-23; Section 24 except E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 25; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 26; N $\frac{1}{2}$  Section 27; N $\frac{1}{2}$  Section 28; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 29; W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 30.

T.26N., R.11E. Willamette Meridian: Section 2; Sections 4-7; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 18; E $\frac{1}{2}$  Section 19; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 20; NW $\frac{1}{4}$  Section 29; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 30.

T.27N., R.09E. Willamette Meridian: S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 19; Section 30 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 31; W $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 32.

T.27N., R.10E. Willamette Meridian: Section 1 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2; E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 11; Sections 12-13; Section 14 except SW $\frac{1}{4}$ ; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 15; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 22; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 23; Section 24; N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 25; SW $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 26; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 31; Section 32; Sections 35-36.

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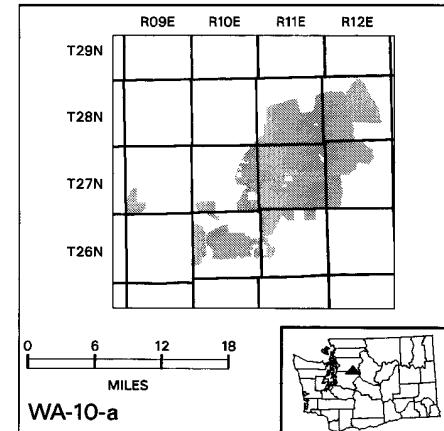
T.27N., R.11E. Willamette Meridian: Sections 1-20; W $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 21; Sections 22-36.

T.27N., R.12E. Willamette Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 2; Section 3 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 4-10; W $\frac{1}{2}$  W $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 15; N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 16; Sections 17-19; W $\frac{1}{2}$  Section 20; W $\frac{1}{2}$  Section 29; Sections 30-31; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 32.

T.28N., R.10E. Willamette Meridian: SW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 36.

T.28N., R.11E. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; E $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 12; Section 13 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Section 15 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 16; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 17; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 18; E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 19; Sections 20-29; E $\frac{1}{2}$  Section 30; Section 31 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 32-36.

T.28N., R.12E. Willamette Meridian: S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 3; SW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 4; Section 7 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 8; Section 9 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 10; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 14; Sections 15-23; SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 25; N $\frac{1}{2}$  Section 26; N $\frac{1}{2}$  Section 27; W $\frac{1}{2}$ , NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 28; Sections 29-32; W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 33.



Map and description of WA-10-b taken from United States Fish and Wildlife Service 1:100,000 map; Skykomish River, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.25N., R.10E. Willamette Meridian: Sections 3-5; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 6; Sections 7-8; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 9; NE $\frac{1}{4}$  Section 10; W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 16; Section 17; N $\frac{1}{2}$ , SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 18; NE $\frac{1}{4}$  Section 20; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 21; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 22; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 23; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 25; NW $\frac{1}{4}$ , N $\frac{1}{2}$

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SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 26; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 27.

T.25N., R.11E. Willamette Meridian: Sections 1-4; Sections 9-12; N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 13; N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 14; Section 15; N $\frac{1}{2}$ , SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 16; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 17; SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 19; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 20; Section 22 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 23; NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 27.

T.25N., R.12E. Willamette Meridian: Sections 1-5; W $\frac{1}{2}$  Section 6; Section 7; Section 8 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 9-13; N $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 14; Sections 16-20; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 21; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 28; N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 29; NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 30.

T.25N., R.13E. Willamette Meridian: W $\frac{1}{2}$  W $\frac{1}{2}$  Section 6; W $\frac{1}{2}$  Section 7; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 18; W $\frac{1}{2}$  Section 19.

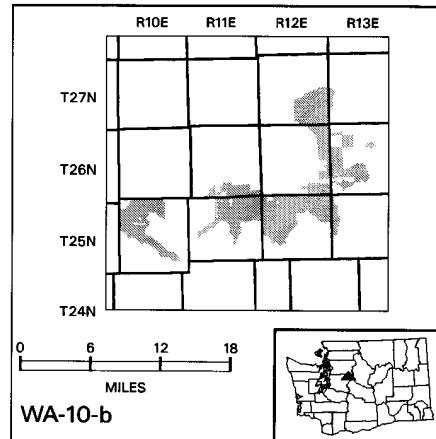
T.26N., R.11E. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 27; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 28; S $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 32; N $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 33; Sections 34-35; S $\frac{1}{2}$  Section 36.

T.26N., R.12E. Willamette Meridian: Section 1; NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 2; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 3; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 11; Sections 12-13; E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 24; N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 25; S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 34; Sections 35-36.

T.26N., R.13E. Willamette Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 6; Section 8; S $\frac{1}{2}$  Section 10; Sections 18-19; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 20; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 21; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 22; W $\frac{1}{2}$  Section 27; Section 28 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$  Section 29; N $\frac{1}{2}$ , SW $\frac{1}{4}$  Section 30; E $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 32.

T.27N., R.12E. Willamette Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$  Section 13; NE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 22; Section 23 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 24-27; Section 34 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 35-36.

T.27N., R.13E. Willamette Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 18; W $\frac{1}{2}$  Section 19; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 30.



Map and description of WA-10-c taken from United States Fish and Wildlife Service 1:100,000 map; Cape Flattery, Skykomish River and Snoqualmie Pass, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.20N., R.10E. Willamette Meridian: S $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  Section 2.

T.21N., R.10E. Willamette Meridian: NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 36.

T.22N., R.09E. Willamette Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$  Section 2; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 11; W $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 12.

T.22N., R.10E. Willamette Meridian: S $\frac{1}{2}$ , NE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 13; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 14; W $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 18; Section 20; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 22; Sections 23-26; SE $\frac{1}{4}$  Section 28; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 34; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 35; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 36.

T.22N., R.11E. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 18; W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 20.

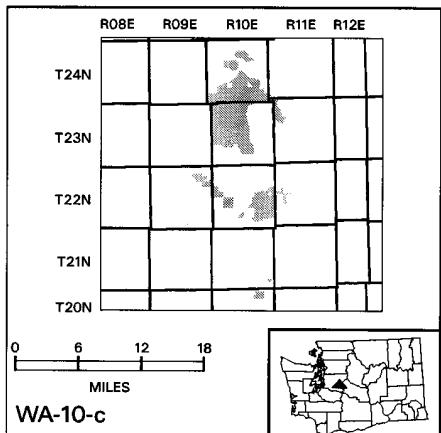
T.23N., R.10E. Willamette Meridian: NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 2; W $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 3; Sections 4-9; W $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 15; Sections 16-21; Section 22 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 27; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 28; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 29.

T.23N., R.11E. Willamette Meridian: Section 6 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 7; SW $\frac{1}{4}$  Section 8; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 17; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 18.

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T.24N., R.10E. Willamette Meridian: S $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 9; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 10; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 11; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 15; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 16; E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 17; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 21; Section 22 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 24; Section 25 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$ ; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 26; Section 27; Section 28 except NW $\frac{1}{4}$ ; Section 29 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 31-36.

T.24N., R.11E. Willamette Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31.



Map and description of WA-11-a taken from United States Fish and Wildlife Service 1:100,000 map; Snoqualmie Pass and Mt Rainier, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.17N., R.10E. Willamette Meridian: Sections 1-3; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 4.

T.17N., R.11E. Willamette Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 6; NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 7.

T.18N., R.08E. Willamette Meridian: Sections 1-2; NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 3; N $\frac{1}{2}$  Section 4; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; Section 11 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 12-13; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 14; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 22; Sections 23-25; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 26; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 27; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 36.

T.18N., R.09E. Willamette Meridian: Sections 1-30; Section 31 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 32-36.

T.18N., R.10E. Willamette Meridian: Sections 1-12; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; Sections 14-23; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$  Section 24; Sections 25-35; Section 36 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ .

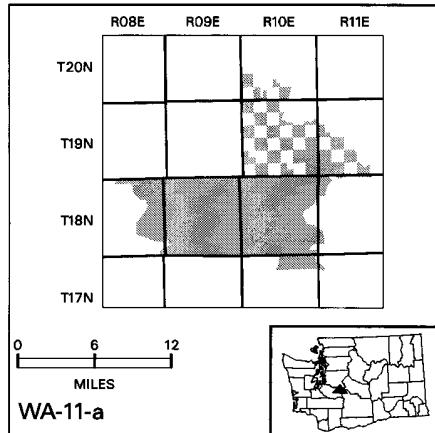
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T.18N., R.11E. Willamette Meridian: NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 2; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 3; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 4; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 5; Section 6; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 7; W $\frac{1}{2}$  Section 30; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 31.

T.19N., R.10E. Willamette Meridian: Section 4; Section 6; Section 8; W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 10; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 12; Section 14; Section 16; Section 18; Section 20; Section 22; Sections 24-26; Section 28; W $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 30; Section 32; W $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 34; Section 36.

T.19N., R.11E. Willamette Meridian: W $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 18; Section 20; Section 28; Sections 30-32, Section 34 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ .

T.20N., R.10E. Willamette Meridian: W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 28; Section 30; Section 32 except NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 34 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ .



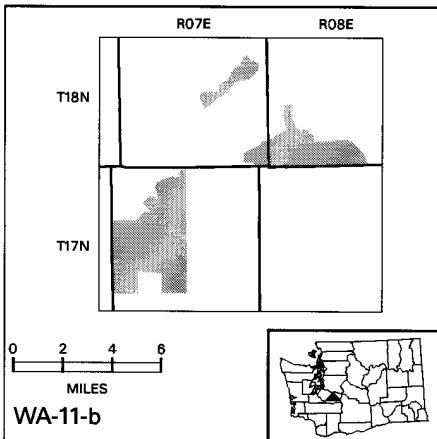
Map and description of WA-11-b taken from United States Fish and Wildlife Service 1:100,000 map; Snoqualmie Pass and Mt Rainier, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.17N., R.07E. Willamette Meridian: S $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 5; Section 8 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 9; Sections 16-21; Section 28; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 29; Section 30.

T.18N., R.07E. Willamette Meridian: SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 12; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 13; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 14; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 22; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 23; Section 36 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ .

T.18N., R.08E. Willamette Meridian: SW $\frac{1}{4}$  Section 20; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 28; Section 29 except NE $\frac{1}{4}$ ; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 30; Sections 31-34; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35.



Map and description of WA-11-c taken from United States Fish and Wildlife Service 1:100,000 map; Tacoma and Centralia, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

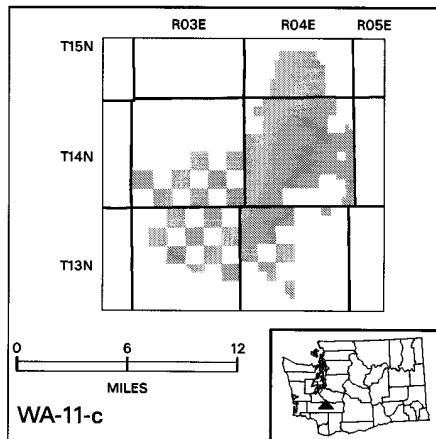
T.13N., R.03E. Willamette Meridian: Section 2; Section 4; Section 8; Section 10; Section 12; Section 14; Section 16; N½ NW¼, SE¼ NW¼, NE¼ Section 22; Section 24.

T.13N., R.04E. Willamette Meridian: NE¼ Section 2; Sections 4-8; Section 16; Section 18; N½, SE¼ Section 20; N½ SE¼, SE¼ SE¼, NE¼ Section 28.

T.14N., R.03E. Willamette Meridian: Section 22; Section 24; Section 26; Section 28; Section 30; Section 32; Section 34; Section 36.

T.14N., R.04E. Willamette Meridian: Sections 2-5; SE¼ Section 6; Sections 8-10; W½ Section 11; W½ SE¼, SE¼ SE¼ Section 12; Sections 13-23; Section 24 except NW¼; Section 25 except SW¼; N½ N½ Section 26; Sections 27-32; E½ SW¼, E½ Section 36.

T.15N., R.04E. Willamette Meridian: S½ Section 21; S½ Section 22; NW¼ NW¼, S½ NW¼, SW¼ Section 26; Sections 27-28; E½ E½ Section 29; E½ Section 32; Sections 33-34; W½ Section 35.



Map and description of WA-11-d taken from United States Fish and Wildlife Service 1:100,000 map; Mt. Rainier, Washington; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.13N., R.07E. Willamette Meridian: Section 10; Section 12; Section 14; Section 22.

T.13N., R.08E. Willamette Meridian: Sections 1-8; Section 9 except SE¼ SE¼; N½ N½ Section 10; N½ NW¼ NE¼ SE¼, NE¼ Section 11; N½, NW¼ SW¼ Section 12; W½, NW¼ SE¼ Section 16; Section 17; Section 18 except S½ S½; N½ NW¼, SE¼ NW¼, N½ SE¼, NE¼ Section 20; NW¼, N½ SW¼ Section 21.

T.13N., R.09E. Willamette Meridian: NW¼ NW¼ Section 3; Section 4 except S½ SE¼; Sections 5-6; N½, N½ S½ Section 7; N½, N½ SW¼ Section 8; N½ NW¼ Section 9.

T.14N., R.07E. Willamette Meridian: SW¼ NW¼, S½ Section 1; Section 2 except N½ NE¼; Section 3; S½ SW¼, SE¼ Section 4; E½ SE¼ Section 7; S½, S½ N½ Section 8; Sections 9-17; N½ NE¼, SE¼ NE¼ Section 18; Section 20 except SW¼, S½ SE¼; N½, N½ SW¼, SE¼ Section 21; Sections 22-24; Section 25 except SW¼ SW¼; Section 26 except S½ S½; N½, N½ SE¼ Section 27; NE¼ NE¼ Section 28; NE¼ SE¼, NE¼ NE¼ Section 36.

T.14N., R.08E. Willamette Meridian: S½ SE¼ Section 2; SW¼, W½ SE¼ Section 3; Section 4; Section 5 except NW¼ NW¼; SW¼ NW¼, S½ Section 6; Sections 7-36.

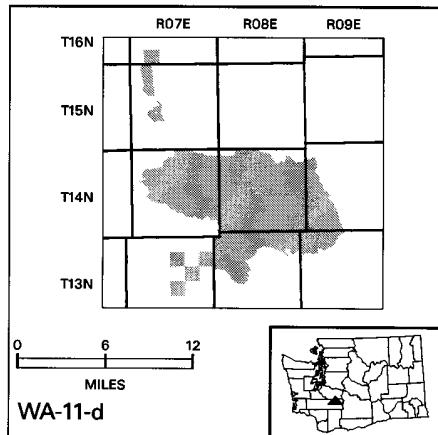
T.14N., R.09E. Willamette Meridian: Section 7; W½ W½ Section 8; W½, SW¼ SE¼ Section 17; Sections 18-19; Section 20 except NE¼ NE¼; W½ SW¼ Section 21; W½, W½ SE¼ Section 28; Section 29-32; Section 33 except NE¼ NE¼; SW¼ SW¼ Section 34.

T.15N., R.07E. Willamette Meridian: W½, W½ SE¼ Section 5; E½ E½ Section 6; E½ E½ Section 7; W½, W½ E½ Section 8; SW¼ SW¼ Section 16; N½ NW¼, NW¼ NE¼, E½ SE¼ Section 17; S½ NW¼, N½ SW¼, SE¼ SW¼,

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E $\frac{1}{2}$  Section 20; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 21; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 34.

T.16N., R.07E. Willamette Meridian: Section 32.



Map and description of OR-01-a taken from United States Fish and Wildlife Service 1:100,000 map; Astoria, Nehalem River, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.05N., R.07W. Willamette Meridian: S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 3; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 10.

Critical Habitat includes only State lands described within the following areas:

T.08N., R.06W. Willamette Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 17; Section 18 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 19; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 20; W $\frac{1}{2}$  Section 28; E $\frac{1}{2}$  Section 29; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 30; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 31; E $\frac{1}{2}$  Section 32; W $\frac{1}{2}$  Section 33.

T.08N., R.07W. Willamette Meridian: Section 13; E $\frac{1}{2}$  Section 14; Section 23 except NW $\frac{1}{4}$ ; Section 24-26; Section 36.

T.07N., R.06W. Willamette Meridian: N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 2; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 3; Section 4; Sections 9-11; Sections 13-14; Section 16; Sections 25-36.

T.07N., R.07W. Willamette Meridian: Sections 30-31; NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 32.

T.07N., R.08W. Willamette Meridian: Section 22 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Section 23 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 24 except NE $\frac{1}{4}$ ; Section 25; Section 26 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 27; NE $\frac{1}{4}$  Section 28; S $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 35; Section 36.

T.06N., R.06W. Willamette Meridian: Section 1 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 2-6; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 7; Sections 8-10; S $\frac{1}{2}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 11; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 12; Section 13 except SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 14 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 15; Section 16 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 17 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; SE $\frac{1}{4}$  NE $\frac{1}{4}$  Sec-

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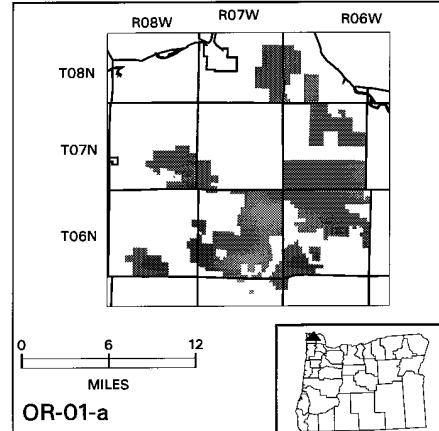
tion 18; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 19; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 21; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 22; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 23; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 24; W $\frac{1}{2}$  Section 28; SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 29; Sections 30-32; S $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 33.

T.06N., R.07W. Willamette Meridian: Sections 1-3; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 4; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 5; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 6; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 9; Sections 10-15; NE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 16; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 17; W $\frac{1}{2}$  Section 18; S $\frac{1}{2}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 19; Sections 20-23; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 24; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 25; Sections 26-28; S $\frac{1}{2}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 29; Section 30; NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 31; E $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  Section 32; Section 33; NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 34; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35; E $\frac{1}{2}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 36.

T.06N., R.08W. Willamette Meridian: NE $\frac{1}{4}$  Section 13; SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 24; E $\frac{1}{2}$  Section 25; SW $\frac{1}{4}$  Section 27; Section 28 except NE $\frac{1}{4}$ ; Section 29 except NW $\frac{1}{4}$ ; E $\frac{1}{2}$  Section 32; Sections 33-34.

T.05N., R.06W. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 6.

T.05N., R.07W. Willamette Meridian: E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 1; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 3; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4.



Map and description of OR-01-b taken from United States Fish and Wildlife Service 1:100,000 map; Nehalem River, Oregon; 1995.

Critical Habitat includes only State lands described within the following areas:

T.03N., R.08W. Willamette Meridian: Sections 6-7; Sections 16-17; Section 18 south of Foss River; Sections 19-21; Sections 27-28.

T.03N., R.09W. Willamette Meridian: Section 1 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 2; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 3; E $\frac{1}{2}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 4; Section 5 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 8 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$

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SW $\frac{1}{4}$ ; Sections 9–16; Section 21 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 23 lying N of Foss River; E $\frac{1}{2}$ , NW $\frac{1}{4}$  Section 24 lying N of Foss River; Section 28.

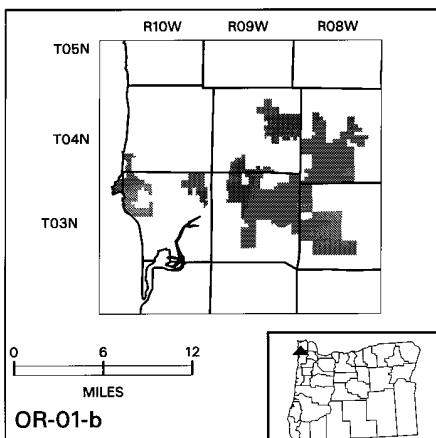
T.03N., R.10W. Willamette Meridian: W $\frac{1}{2}$  Section 1; Section 2 except NW $\frac{1}{4}$ ; SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 5; Section 6 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 7; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 8; W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 11; Section 12 except E $\frac{1}{2}$  E $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 17; Section 18 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ .

T.03N., R.11W. Willamette Meridian: S $\frac{1}{2}$  Section 1; Section 12.

T.04N., R.08W. Willamette Meridian: SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 8; SE $\frac{1}{4}$  Section 10; S $\frac{1}{2}$  S $\frac{1}{2}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 14; Section 15 except NW $\frac{1}{4}$ ; Section 17 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 19–20; Section 21 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 22 except S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 23; Section 27–29; SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 31; Sections 32–34.

T.04N., R.09W. Willamette Meridian Section 10 except NW $\frac{1}{4}$ ; SW $\frac{1}{4}$  Section 11; Sections 13–14; NE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; Section 23 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 24; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 28; Section 32 except W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 33; Section 34 except N $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35.

T.04N., R.10W. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 30; E $\frac{1}{2}$  W $\frac{1}{2}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 31.



Map and description of OR-01-c taken from United States Fish and Wildlife Service 1:100,000 map; Nehalem River and Yamhill River, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.01N., R.09W. Willamette Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 25; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 26; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 34; Section 35 except SW $\frac{1}{4}$ .

T.01S., R.08W. Willamette Meridian: Section 7 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$ ; S $\frac{1}{2}$  Section 17; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 18; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 19; N $\frac{1}{2}$  N $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 20; Section 21 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ ; W $\frac{1}{2}$  Section 22; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 27; S $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 28; S $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 29; NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 30; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 31.

T.01S., R.09W. Willamette Meridian: Section 1 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 2; N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 3; Section 4 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 5; S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 9; S $\frac{1}{2}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; Section 11 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , Section 12; E $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 14; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 15.

T.01S., R.11W. Willamette Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 13.

Critical Habitat includes only State lands described within the following areas:

T.02N., R.09W. Willamette Meridian: Section 3; E $\frac{1}{2}$ , NW $\frac{1}{4}$  Section 7; S $\frac{1}{2}$  Section 16; Section 18 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 19–22; Sections 29–32.

T.02N., R.10W. Willamette Meridian: E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 24; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 25; Section 36 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ .

T.01N., R.09W. Willamette Meridian: Section 9; Section 16 except SW $\frac{1}{4}$ ; SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 19; Section 20 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 21; Section 26 except SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 27; W $\frac{1}{2}$  Section 28; Section 29 except NW $\frac{1}{4}$ ; Section 30; NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31; N $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 32; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 33; Section 34 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 35; Section 36.

T.01N., R.10W. Willamette Meridian: N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 1; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 2; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 3; E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; W $\frac{1}{2}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 11; Section 13 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 14; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 22; Section 23 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 24–26; E $\frac{1}{2}$ , NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 27; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 34; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 35; NE $\frac{1}{4}$  Section 36.

T.01S., R.08W. Willamette Meridian: N $\frac{1}{2}$  Section 6; SE $\frac{1}{4}$  Section 7; SW $\frac{1}{4}$  Section 16; N $\frac{1}{2}$  S $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 17; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 18; Section 19 except SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 20 except

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$S\frac{1}{2}$   $S\frac{1}{2}$ ,  $N\frac{1}{2}$   $N\frac{1}{2}$ ,  $NE\frac{1}{4}$   $SW\frac{1}{4}$ ;  $S\frac{1}{2}$   $SW\frac{1}{4}$ , Section 21;  $N\frac{1}{2}$   $N\frac{1}{2}$ ,  $SW\frac{1}{4}$   $NE\frac{1}{4}$  Section 28.

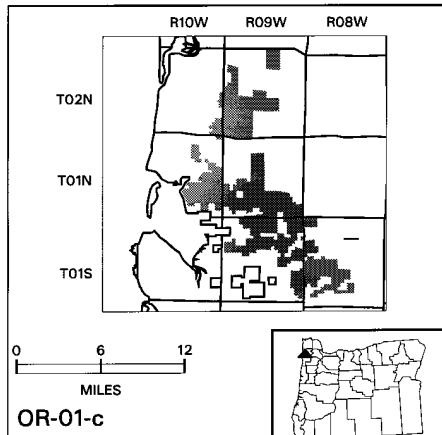
T.01S., R.09W. Willamette Meridian:  $E\frac{1}{2}$   $E\frac{1}{2}$  Section 1; Section 3 except  $N\frac{1}{2}$   $SW\frac{1}{4}$ ;  $SE\frac{1}{4}$   $SE\frac{1}{4}$  Section 4;  $S\frac{1}{2}$   $SE\frac{1}{4}$ ,  $NE\frac{1}{4}$   $SE\frac{1}{4}$ ,  $SE\frac{1}{4}$   $SW\frac{1}{4}$  Section 7;  $E\frac{1}{2}$   $SE\frac{1}{4}$  Section 8;  $W\frac{1}{2}$   $SW\frac{1}{4}$ ,  $W\frac{1}{2}$   $SE\frac{1}{4}$  Section 9; Section 13 except  $N\frac{1}{2}$   $NW\frac{1}{4}$ ,  $SE\frac{1}{4}$   $NW\frac{1}{4}$ ,  $SW\frac{1}{4}$   $NE\frac{1}{4}$ ;  $S\frac{1}{2}$   $SE\frac{1}{4}$ ,  $SE\frac{1}{4}$   $SW\frac{1}{4}$  Section 14;  $N\frac{1}{2}$   $NE\frac{1}{4}$ ,  $NW\frac{1}{4}$  Section 16;  $N\frac{1}{2}$ ,  $N\frac{1}{2}$   $SE\frac{1}{4}$  Section 17;  $NE\frac{1}{4}$ ,  $E\frac{1}{2}$   $NW\frac{1}{4}$  Section 18;  $NW\frac{1}{4}$ ,  $W\frac{1}{2}$   $NE\frac{1}{4}$  Section 23;  $S\frac{1}{2}$   $SW\frac{1}{4}$ ,  $NE\frac{1}{4}$   $SE\frac{1}{4}$ ,  $S\frac{1}{2}$   $SE\frac{1}{4}$  Section 24; Section 25;  $NE\frac{1}{4}$ ,  $E\frac{1}{2}$   $NW\frac{1}{4}$ ,  $N\frac{1}{2}$   $SE\frac{1}{4}$  Section 36.

Critical Habitat includes only State owned and State managed lands described within the following areas:

$NE\frac{1}{4}$ ,  $N\frac{1}{2}$   $SE\frac{1}{4}$ ,  $NW\frac{1}{4}$   $SE\frac{1}{4}$ ,  $E\frac{1}{2}$   $NW\frac{1}{4}$  Section 13.

Critical Habitat includes only County lands described within the following areas:

T.01N., R.09W. Willamette Meridian:  $SW\frac{1}{4}$  Section 16;  $N\frac{1}{2}$ ,  $SE\frac{1}{4}$ ,  $NE\frac{1}{4}$   $SW\frac{1}{4}$  Section 21;  $E\frac{1}{2}$  Section 28;  $NE\frac{1}{4}$  Section 33.



Map and description of OR-01-d taken from United States Fish and Wildlife Service 1:100,000 map; Nehalem River, Oregon; 1995.

Critical Habitat includes only State lands described within the following areas:

T.04N., R.06W. Willamette Meridian:  $W\frac{1}{2}$   $NW\frac{1}{4}$ ,  $NE\frac{1}{4}$   $NW\frac{1}{4}$ ,  $NW\frac{1}{4}$   $NE\frac{1}{4}$  Section 4; Section 5 except  $SW\frac{1}{4}$ ; Section 30 except  $NE\frac{1}{4}$ ;  $N\frac{1}{2}$   $NW\frac{1}{4}$ ,  $SW\frac{1}{4}$   $NW\frac{1}{4}$ ,  $NW\frac{1}{4}$   $NE\frac{1}{4}$  Section 31.

T.04N., R.07W. Willamette Meridian:  $SW\frac{1}{4}$ ,  $S\frac{1}{2}$   $NW\frac{1}{4}$  Section 1; Section 2 except  $NE\frac{1}{4}$ ,  $SW\frac{1}{4}$   $NW\frac{1}{4}$ ;  $N\frac{1}{2}$   $N\frac{1}{2}$ ,  $SE\frac{1}{4}$   $NE\frac{1}{4}$ ,  $S\frac{1}{2}$   $NE\frac{1}{4}$  Section 3;  $SE\frac{1}{4}$ ,  $S\frac{1}{2}$   $NE\frac{1}{4}$ ,  $NW\frac{1}{4}$   $SW\frac{1}{4}$  Section 9;  $N\frac{1}{2}$   $N\frac{1}{2}$ ,  $S\frac{1}{2}$   $SW\frac{1}{4}$ ,  $SE\frac{1}{4}$   $NE\frac{1}{4}$ ,  $SE\frac{1}{4}$  Section 10; Section 11 except  $N\frac{1}{2}$   $NE\frac{1}{4}$ ,  $SE\frac{1}{4}$   $NE\frac{1}{4}$ ,  $SW\frac{1}{4}$   $SE\frac{1}{4}$ ,  $NW\frac{1}{4}$   $SW\frac{1}{4}$ ; Section 13 except  $NW\frac{1}{4}$   $NE\frac{1}{4}$ ,  $SE\frac{1}{4}$   $SE\frac{1}{4}$ ; Section 14 ex-

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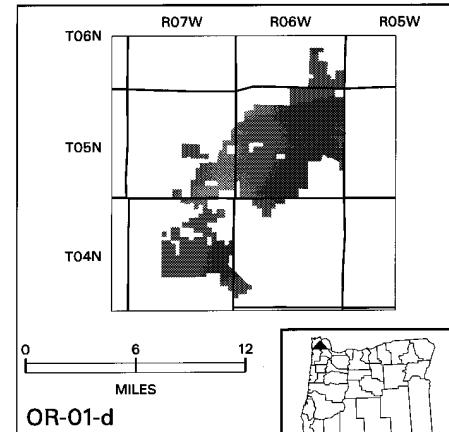
cept  $NW\frac{1}{4}$   $NE\frac{1}{4}$ ; Section 15; Section 16 except  $E\frac{1}{2}$   $NE\frac{1}{4}$ ,  $NE\frac{1}{4}$   $SE\frac{1}{4}$ ; Sections 21-22; Section 23 except  $S\frac{1}{2}$   $SE\frac{1}{4}$ ; Section 24 except  $E\frac{1}{2}$   $NE\frac{1}{4}$ ,  $SW\frac{1}{4}$   $SW\frac{1}{4}$ ;  $NE\frac{1}{4}$ ,  $E\frac{1}{2}$   $NW\frac{1}{4}$ ,  $E\frac{1}{2}$   $SE\frac{1}{4}$  Section 25.

T.05N., R.06W. Willamette Meridian: Section 1 except  $NE\frac{1}{4}$ ; Sections 2-3;  $SE\frac{1}{4}$ ,  $S\frac{1}{2}$   $SW\frac{1}{4}$ ,  $S\frac{1}{2}$   $NE\frac{1}{4}$  Section 7; Sections 8-18; Section 19 except  $E\frac{1}{2}$   $NE\frac{1}{4}$ ; Section 20 except  $N\frac{1}{2}$   $NW\frac{1}{4}$ ; Sections 21-22; Section 23 except  $SE\frac{1}{4}$   $SE\frac{1}{4}$ ; Section 24;  $E\frac{1}{2}$   $NE\frac{1}{4}$ ,  $NW\frac{1}{4}$   $NE\frac{1}{4}$  Section 25; Sections 27-30; Section 31 except  $W\frac{1}{2}$   $W\frac{1}{2}$ ; Sections 32-33; Section 34 except  $SE\frac{1}{4}$ .

T.05N., R.07W. Willamette Meridian:  $E\frac{1}{2}$   $E\frac{1}{2}$ ,  $SW\frac{1}{4}$   $SE\frac{1}{4}$ ,  $SE\frac{1}{4}$   $SW\frac{1}{4}$  Section 13; Section 22 except  $S\frac{1}{2}$   $S\frac{1}{2}$ ;  $N\frac{1}{2}$   $SW\frac{1}{4}$  Section 23; Section 24 except  $NE\frac{1}{4}$ ,  $NW\frac{1}{4}$   $NW\frac{1}{4}$ ; Sections 25-26;  $E\frac{1}{2}$   $SE\frac{1}{4}$ ,  $SE\frac{1}{4}$   $NE\frac{1}{4}$  Section 27;  $SE\frac{1}{4}$  Section 33;  $E\frac{1}{2}$  Section 34; Section 35 except  $N\frac{1}{2}$   $NE\frac{1}{4}$ ,  $NE\frac{1}{4}$   $NW\frac{1}{4}$ ;  $N\frac{1}{2}$  Section 36.

T.05N., R.08W. Willamette Meridian:  $S\frac{1}{2}$   $NW\frac{1}{4}$  Section 25;  $SE\frac{1}{4}$   $NE\frac{1}{4}$  Section 26.

T.06N., R.06W. Willamette Meridian:  $S\frac{1}{2}$   $SW\frac{1}{4}$ ,  $SW\frac{1}{4}$   $SE\frac{1}{4}$  Section 23; Section 26 except  $NE\frac{1}{4}$ ; Section 35 except  $SW\frac{1}{4}$   $NE\frac{1}{4}$ ; Section 36 except  $N\frac{1}{2}$   $NW\frac{1}{4}$ ,  $SE\frac{1}{4}$   $NW\frac{1}{4}$ .



Map and description of OR-02-a taken from United States Fish and Wildlife Service 1:100,000 map; Yamhill River, Oregon; 1995.

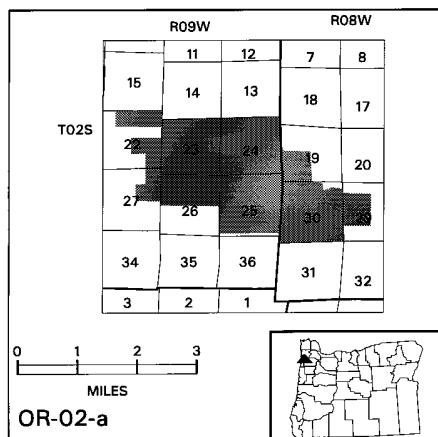
Critical Habitat includes only State lands described within the following areas:

T.02S., R.09W. Willamette Meridian: Section 22 except  $SW\frac{1}{4}$ ,  $S\frac{1}{2}$   $NW\frac{1}{4}$ ,  $S\frac{1}{2}$   $NE\frac{1}{4}$ ,  $SW\frac{1}{4}$   $SE\frac{1}{4}$ ; Sections 23-25;  $N\frac{1}{2}$  Section 26;  $E\frac{1}{2}$   $NE\frac{1}{4}$ ,  $SW\frac{1}{4}$   $NE\frac{1}{4}$  Section 27.

T.02S., R.08W. Willamette Meridian:  $SW\frac{1}{4}$  Section 19;  $N\frac{1}{2}$   $SW\frac{1}{4}$ ,  $NW\frac{1}{4}$  Section 29; Section 30.

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Map and description of OR-02-b taken from United States Fish and Wildlife Service 1:100,000 map; Yamhill River, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Resources described within the following areas:

T.03S., R.09W. Willamette Meridian: SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 3; S $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 4; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 8; Section 9; Section 10 except N $\frac{1}{2}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$  Section 15; N $\frac{1}{2}$  Section 16; S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 19; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 32.

T.03S., R.10W. Willamette Meridian: SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 22; Section 23 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 24; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 25; Section 26; Section 27 except SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; E $\frac{1}{2}$ , E $\frac{1}{2}$  W $\frac{1}{2}$  Section 28; Section 32 except N $\frac{1}{2}$  N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 33; N $\frac{1}{2}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 34; Section 35 except S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$ .

T.04S., R.09W. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4; W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 5; Section 6 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Section 7 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 8-9; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 10; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 15; N $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 16; N $\frac{1}{2}$  Section 17; N $\frac{1}{2}$  Section 18.

T.04S., R.10W. Willamette Meridian: SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 3; E $\frac{1}{2}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 4; N $\frac{1}{2}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 5; E $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 6; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 7; NE $\frac{1}{4}$  Section 9.

T.05S., R.09W. Willamette Meridian: SW $\frac{1}{4}$  Section 5; SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 6; Section 7; W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 8; NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 17; Section 18; N $\frac{1}{2}$  Section 19; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 20.

T.05S., R.10W. Willamette Meridian: Section 1; Section 2 except S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 3; S $\frac{1}{2}$  NE $\frac{1}{4}$  Section

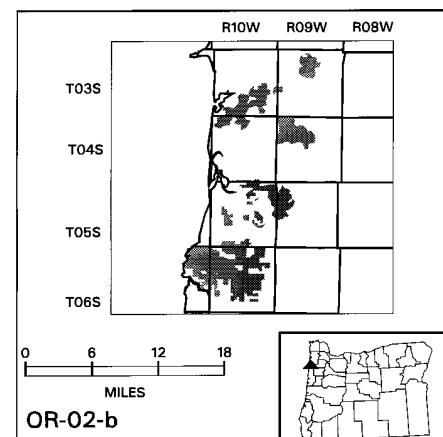
4; N $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 10; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; E $\frac{1}{2}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 13; SW $\frac{1}{4}$  Section 14; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 17; Section 20 except W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 22; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  N $\frac{1}{2}$  Section 23; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 24; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 26; S $\frac{1}{2}$  Section 32; S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 33; W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 34.

T.06S., R.10W. Willamette Meridian: Section 2; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 3; Section 4; N $\frac{1}{2}$  S $\frac{1}{2}$ , N $\frac{1}{2}$  Section 5; W $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 6; Section 7; Section 8 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 9 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 10; Section 11 except NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; SW $\frac{1}{4}$  Section 12; S $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 14; W $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 15; Section 16 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 17-18; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 19; W $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 20; Sections 21-22; W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 23; S $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 26; W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 27; Section 28 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 30.

T.06S., R.11W. Willamette Meridian: Section 1-2; Section 11; Section 12; Section 13 except SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 14; Section 24 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ .

Critical Habitat includes only State lands described within the following areas:

T.05S., R.10W. Willamette Meridian: S $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 10; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 11.



Map and description of OR-02-c taken from United States Fish and Wildlife Service 1:100,000 map; Yamhill River and Corvallis, Oregon; 1995.

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## 50 CFR Ch. I (10-1-98 Edition)

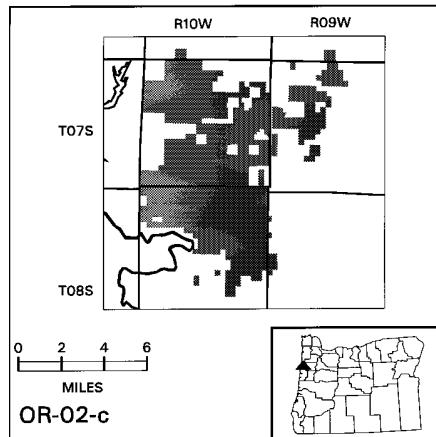
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.06S., R.10W. Willamette Meridian: SE $\frac{1}{4}$  Section 32.

T.07S., R.09W. Willamette Meridian: SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 3; SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 4; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 5; Section 8 except S $\frac{1}{2}$  SW $\frac{1}{4}$  SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 9 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 16 except E $\frac{1}{2}$  E $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 17; Section 18 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 19; NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 20; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 21; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 28; SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 29; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 30.

T.07S., R.10W. Willamette Meridian: SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 3; Section 4 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 5; Sections 7-9; Section 10 except E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ ; N $\frac{1}{2}$  S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 11; Section 12 except S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 13; Section 14 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 15 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; Section 16 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 17; N $\frac{1}{2}$  Section 18; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 20; NE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 21; Sections 22-23; Section 24 except NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 25 except NW $\frac{1}{4}$ ; Section 26 except NW $\frac{1}{4}$ ; Sections 27-29; Section 31 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 32-35.

T.08S., R.10W. Willamette Meridian: Sections 1-5; Section 6 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 7 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  S $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 8 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; Sections 9-14; Section 15 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 16; SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; Sections 23 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 24 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 25; Section 26 except SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ ; W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 28.



Map and description of OR-02-d taken from United States Fish and Wildlife Service 1:100,000 map; Corvallis, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.07S., R.06W. Willamette Meridian: SW $\frac{1}{4}$  Section 4; Section 5 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 6 except NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 7; S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; Section 17 except NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ .

T.07S., R.07W. Willamette Meridian: Section 1 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 2-3; Section 4 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 5; Section 7; N $\frac{1}{2}$  Section 8; Section 9; Section 11 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 13 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 15; Section 17; N $\frac{1}{2}$  Section 18; Section 19; Section 21; Section 23; N $\frac{1}{2}$  Section 25; N $\frac{1}{2}$  Section 26; Section 27; Section 29; Section 31; Section 33; NW $\frac{1}{4}$  Section 34.

T.07S., R.08W. Willamette Meridian: Section 1; SE $\frac{1}{4}$  Section 12; Section 13; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 14; Section 15 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Section 17; Section 18 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; W $\frac{1}{2}$  Section 20; Section 23; Section 25; Section 27; Section 28 except E $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 29 except SE $\frac{1}{4}$ ; Section 30 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Section 31 except W $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 32 except NE $\frac{1}{4}$ ; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 33; Section 35.

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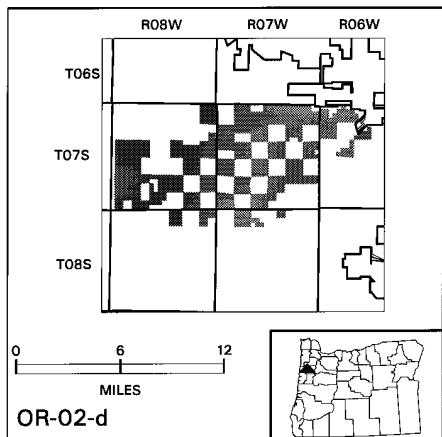
T.08S., R.07W. Willamette Meridian: NE $\frac{1}{4}$  Section 3; SW $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 4; Section 5; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 17.

T.08S., R.08W. Willamette Meridian: Section 1 except SE $\frac{1}{4}$ ; Section 3 except W $\frac{1}{2}$  W $\frac{1}{2}$ .

**Description of Lands Using Protracted Public Land Survey Lines**

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.07S., R.06W. Willamette Meridian: SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4; E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 9.



Map and description of OR-02-e taken from United States Fish and Wildlife Service 1:100,000 map; Yamhill River, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.01S., R.05W. Willamette Meridian: Section 19 except NW $\frac{1}{4}$ .

T.02S., R.05W. Willamette Meridian: N $\frac{1}{2}$  N $\frac{1}{2}$  Section 3; SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 5; SW $\frac{1}{4}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 7.

T.02S., R.06W. Willamette Meridian: S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 25; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$  Section 26; Section 35.

T.02S., R.08W. Willamette Meridian: Section 31 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 32; Section 33 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 34.

T.03S., R.06W. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 1; Section 7; SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 13; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 16; Sections 17-20; W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 21; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 27; SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 28; Section 29; Section 30 except NE $\frac{1}{4}$ ; Section 31; W $\frac{1}{2}$  Section 32; Section 33 except SW $\frac{1}{4}$ ; SE $\frac{1}{4}$  Section 36.

T.03S., R.07W. Willamette Meridian: S $\frac{1}{2}$  Section 5; Section 7; S $\frac{1}{2}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 8; Section 11 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 12 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 13 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 15 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 16; Section 17 except N $\frac{1}{2}$  S $\frac{1}{2}$ ; Section 18 except NW $\frac{1}{4}$ .

9; Section 10 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 11; Section 12 except E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 13-15; S $\frac{1}{2}$  Section 16; Section 17; SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 18; Section 19; Section 20 except W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 21-25; E $\frac{1}{2}$  Section 26; Sections 27-29; E $\frac{1}{2}$  Section 30; Section 31; Section 32 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 33 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 34; Section 35; W $\frac{1}{2}$  Section 36.

T.03S., R.08W. Willamette Meridian: SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 1; SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2; Section 3; NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 4; Section 5 except NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 6; Section 7 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 8 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 9; Section 10 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 11; Section 13; NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 14; Section 15 except SW $\frac{1}{4}$ ; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 16; SW $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 17; Section 18 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 19 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; NE $\frac{1}{4}$  Section 20; Section 21 except NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 22 except SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 23; Section 24 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 25 except NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 29; S $\frac{1}{2}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 31; Section 32 except SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 33-34; S $\frac{1}{2}$  Section 35; W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 36.

T.03S., R.09W. Willamette Meridian: Section 1 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; Section 11 except NW $\frac{1}{4}$ ; Section 12 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 13 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 14 except SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 15; NE $\frac{1}{4}$  Section 23; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 24.

T.04S., R.05W. Willamette Meridian: NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 19.

T.04S., R.06W. Willamette Meridian: Section 5 except E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 6-7; S $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 18.

T.04S., R.07W. Willamette Meridian: Section 1 except NE $\frac{1}{4}$ ; W $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 2; Section 3 except NW $\frac{1}{4}$ ; E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4; N $\frac{1}{2}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 5; Section 6 except NE $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 7; SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 8; Section 9; N $\frac{1}{2}$  Section 10; Section 11; Section 12 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 13; Section 14 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 15 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 16; Section 17 except N $\frac{1}{2}$  S $\frac{1}{2}$ ; Section 18 except NW $\frac{1}{4}$ .

T.04S., R.08W. Willamette Meridian: SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , Section 1; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 2; N $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  S $\frac{1}{2}$  Section 3; Section 4 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 5-8; Section 9 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 10; Section 11 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 12 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 13-14; Section 15 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 16;

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Sections 17-25; Section 26 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 27 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 28-35; N $\frac{1}{2}$  Section 36.

T.04S., R.09W. Willamette Meridian: SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 1; SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 11; Section 12 except NW $\frac{1}{4}$ ; Section 13; E $\frac{1}{2}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 14; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; Section 23 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 24-26; SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 27; NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 34; N $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  S $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 35; Section 36.

T.05S., R.09W. Willamette Meridian: Sections 1-2; NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 3; Section 4 except N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ ; W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 9; Section 10-15; Section 16 except W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 21 except W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  ¼; Section 22; Section 23 except SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 24 except SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 25; Section 26 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; Section 27 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , NW $\frac{1}{4}$ ; Section 31 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 32; Section 33 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; Section 34 except W $\frac{1}{2}$ ; Section 35.

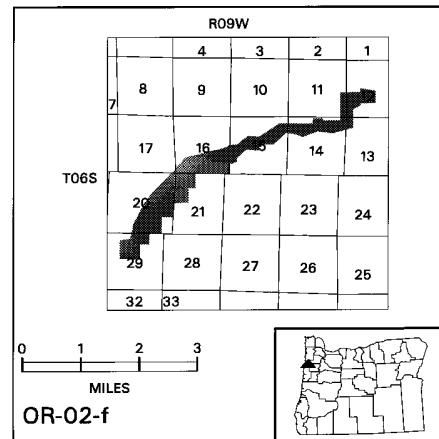
T.06S., R.09W. Willamette Meridian: N $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 2; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 3; Section 4 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  Section 5; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 6; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 9.

Critical Habitat includes only State lands described within the following areas:

T.03S., R.07W. Willamette Meridian: N $\frac{1}{2}$  Section 16.

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tion 12; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 13; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 14; S $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 15; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 16; E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 20; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 21; W $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 29.



Map and description of OR-03-a taken from United States Fish and Wildlife Service 1:100,000 map; Corvallis, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.09S., R.09W. Willamette Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 33; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 34.

T.10S., R.10W. Willamette Meridian: NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2.

Critical Habitat includes only State lands described within the following areas:

T.09S., R.09W. Willamette Meridian: E $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 34.

T.10S., R.09W. Willamette Meridian: NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 16; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 17.

Critical Habitat includes only County lands described within the following areas:

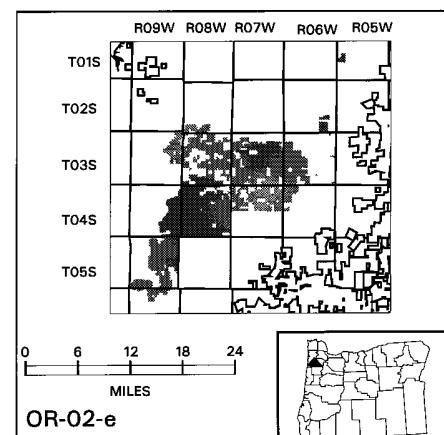
T.10S., R.10W. Willamette Meridian: SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2.

Critical Habitat includes only Private lands described within the following areas:

T.09S., R.09W. Willamette Meridian: S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 25; NE $\frac{1}{4}$  Section 26; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 34.

T.10S., R.09W. Willamette Meridian: SW $\frac{1}{4}$  Section 15.

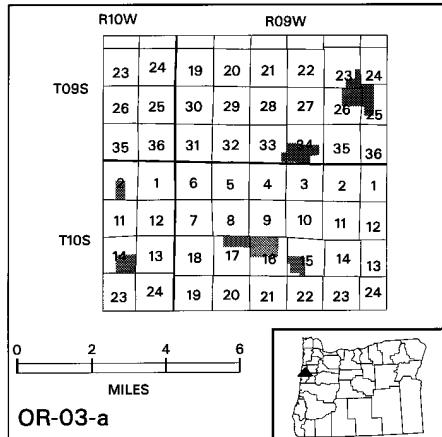
T.10S., R.10W. Willamette Meridian: SE $\frac{1}{4}$  Section 14.



Map and description of OR-02-f taken from United States Fish and Wildlife Service 1:100,000 map; Yamhill River, Oregon; 1995.

Critical Habitat includes only State lands described within the following areas:

T.06S., R.09W. Willamette Meridian: E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 11; N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Sec-



Map and description of OR-03-b taken from United States Fish and Wildlife Service 1:100,000 map; Corvallis, Oregon; 1995.

Critical Habitat includes only State lands described within the following areas:

T.10S., R.06W. Willamette Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 30.

T.10S., R.07W. Willamette Meridian: S $\frac{1}{2}$  Section 25; N $\frac{1}{2}$  Section 36.

T.11S., R.07W. Willamette Meridian: S $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 16; N $\frac{1}{2}$  Section 21; S $\frac{1}{2}$ , NW $\frac{1}{4}$  Section 29; Section 31; Section 32 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ .

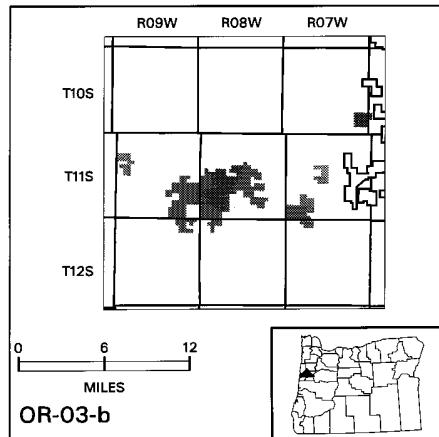
T.11S., R.08W. Willamette Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 14; Section 15 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 16 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; S $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 18; Sections 19-21; W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 22; SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 23; SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 26; Section 27 except SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 28; Sections 29-31; Section 32 except SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 35.

T.11S., R.09W. Willamette Meridian: S $\frac{1}{2}$  Section 7; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 17; SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 18; Section 23 except NW $\frac{1}{4}$ ; S $\frac{1}{2}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 24; Section 25; Section 26 except S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  Section 27; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 34; Section 35.

T.12S., R.07W. Willamette Meridian: Section 5 except S $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ .

T.12S., R.08W. Willamette Meridian: NW $\frac{1}{4}$  Section 5; E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 6.

T.12S., R.09W. Willamette Meridian S $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 1; E $\frac{1}{2}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 2.



Map and description of OR-03-c taken from United States Fish and Wildlife Service 1:100,000 map; Corvallis, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.08S., R.06W. Willamette Meridian: SE $\frac{1}{4}$ , NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 31; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 33.

T.08S., R.07W. Willamette Meridian: Section 31 except S $\frac{1}{2}$  SE $\frac{1}{4}$ .

T.09S., R.06W. Willamette Meridian: N $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 5; NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 7.

T.09S., R.07W. Willamette Meridian: Section 1 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 3 except NE $\frac{1}{4}$ ; Section 9 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 11; Section 13; W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 17; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 21; E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23; Section 29 except SE $\frac{1}{4}$ ; Section 31; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 33; W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 35.

T.09S., R.08W. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 11; Section 27 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 35.

T.10S., R.05W. Willamette Meridian: SW $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 29.

T.10S., R.07W. Willamette Meridian: N $\frac{1}{2}$  Section 1; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 4; N $\frac{1}{2}$  Section 5.

Critical Habitat includes only State lands described within the following areas:

T.08S., R.07W. Willamette Meridian: SE $\frac{1}{4}$  Section 11; SE $\frac{1}{4}$  Section 12; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 13; E $\frac{1}{2}$ , SW $\frac{1}{4}$  Section 14.

T.09S., R.08W. Willamette Meridian: Section 28 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; S $\frac{1}{2}$ , NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 29; SE $\frac{1}{4}$  Section 32; NE $\frac{1}{4}$  Section 33; Section 34 except NW $\frac{1}{4}$ ; Section 36 except N $\frac{1}{2}$  N $\frac{1}{2}$ .

T.10S., R.07W. Willamette Meridian: Section 6; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 7; NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , SE $\frac{1}{4}$

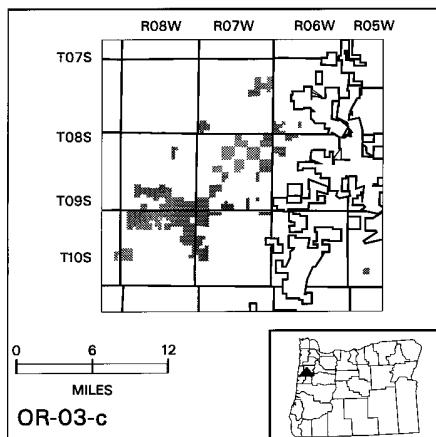
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SE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 18; Section 19 except W $\frac{1}{2}$  SW $\frac{1}{4}$ .

T.10S., R.08W. Willamette Meridian: Section 1 except SE $\frac{1}{4}$ ; Section 2; NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 3; Section 4 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 5; E $\frac{1}{2}$  Section 6; NE $\frac{1}{4}$  Section 7; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 8; NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 10; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 11; Section 12; Section 13 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 19; E $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 24.

Critical Habitat includes only Private lands described within the following areas:

T.09S., R.08W. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 29.



Map and description of OR-04-a taken from United States Fish and Wildlife Service 1:100,000 map; Corvallis, Waldport and Eugene, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.11S., R.10W. Willamette Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 35.

T.12S., R.09W. Willamette Meridian: N $\frac{1}{2}$  N $\frac{1}{2}$  Section 6; Section 7 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 8 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 15; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 16; Sections 17-18; Section 19 except W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 20 except SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 21; Section 22 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 23 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 26 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 27-28; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 29; W $\frac{1}{2}$  Section 33.

T.12S., R.10W. Willamette Meridian: Sections 1-2; Section 3 except E $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 4; S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 5; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 6; Sections 7-8; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 9; N $\frac{1}{2}$  Section 10; Section 11 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 12; W $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; Sec-

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tions 16-17; Section 18; Sections 19-21; Section 25 except S $\frac{1}{2}$  S $\frac{1}{2}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 26; Section 28; Section 29 except SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 30 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 31; Section 32 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 33 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 35.

T.12S., R.11W. Willamette Meridian: S $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; S $\frac{1}{2}$  Section 12; Section 13 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; Section 14 except N $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; NE $\frac{1}{4}$  Section 22; Sections 23-24; Section 25 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 26 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; E $\frac{1}{2}$  Section 27; Section 35; Section 36 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ .

T.13S., R.09W. Willamette Meridian: Section 2 except SE $\frac{1}{4}$ ; NE $\frac{1}{4}$  Section 4; SW $\frac{1}{4}$  Section 5; Section 6-7; W $\frac{1}{2}$  Section 8; Sections 18-19; N $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 20; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 21; Section 28 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 29 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 30; Section 31 except N $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 32-33; W $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 34; SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35.

T.13S., R.10W. Willamette Meridian: Section 1; Section 2; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 3; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 7; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 9; Section 10 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 11-15; Section 16 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 17 except N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 18; Sections 19-25; Section 26 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , Section 27; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 28; Section 29; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 30; S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 31; E $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 32; W $\frac{1}{2}$  Section 33; E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 34; Section 35 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ .

T.13S., R.11W. Willamette Meridian: Section 1 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 2; Section 11 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 12; Section 13 except W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 14; Section 15 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 22; NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 23; S $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 24; Section 25 except S $\frac{1}{2}$  N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ ; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 26; E $\frac{1}{2}$ , E $\frac{1}{2}$  W $\frac{1}{2}$  Section 34; Section 35; Section 36 except SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ .

T.14S., R.09W. Willamette Meridian: Section 2 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$ ; Section 3 except S $\frac{1}{2}$  S $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 4 except S $\frac{1}{2}$  S $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 5 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 6; Section 7 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8; Section 9 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 10 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 11 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 12; SW $\frac{1}{4}$ , S $\frac{1}{2}$

SE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; Sections 14 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 15-16; S $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 18; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 19; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 20; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 21; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 22; E $\frac{1}{2}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 23; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 24; W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 25; E $\frac{1}{2}$  Section 26; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 36.

T.14S., R.10W. Willamette Meridian: Section 1 except N $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 2; Section 3 except SW $\frac{1}{4}$ ; Section 4; Section 5 except W $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 6; N $\frac{1}{2}$  Section 7; Section 8 except SW $\frac{1}{4}$ ; Section 9 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 10-13; Section 14; Section 15; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 16; Section 17 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; N $\frac{1}{2}$  Section 20; E $\frac{1}{2}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 23; Section 24 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$  Section 25.

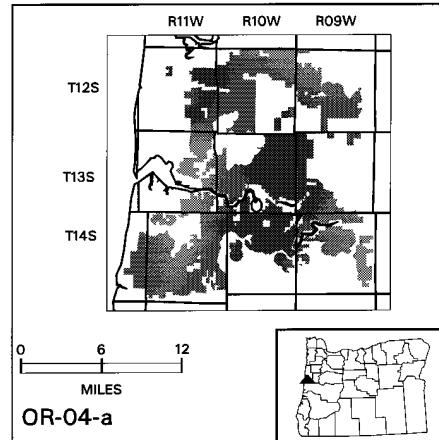
T.14S., R.11W. Willamette Meridian: Sections 1-2; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 3; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 4; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 5; NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 6; Section 7; Section 8 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 9; Section 10 except W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 11; W $\frac{1}{2}$ , NW $\frac{1}{2}$  NE $\frac{1}{4}$  Section 12; W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 13; Section 14; Section 15 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 16 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 17 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 18-21; Section 22 except S $\frac{1}{2}$  N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 23; Section 24 except NE $\frac{1}{4}$ ; Section 25 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 26 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 27-30; N $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 31; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 32; N $\frac{1}{2}$  Section 33; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 34; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 35.

T.14S., R.12W. Willamette Meridian: S $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 1; Section 12 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Section 13 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 14; SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 23; Sections 24-25.

#### Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.14S., R.09W. Willamette Meridian: E $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 8.



Map and description of OR-04-b taken from United States Fish and Wildlife Service 1:100,000 map; Waldport, Eugene, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.14S., R.09W. Willamette Meridian: SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 28; Section 29 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 30; Section 31; Section 32; Section 33 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 34 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$  S $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 35.

T.14S., R.10W. Willamette Meridian: SE $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 25; Section 29 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 30-32.

T.14S., R.11W. Willamette Meridian: SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 35; Section 36 except NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ .

T.15S., R.09W. Willamette Meridian: W $\frac{1}{2}$  Section 1; Sections 2-5; Section 6 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 7; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 8; Section 9 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 10 except SE $\frac{1}{4}$ ; Section 11; N $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 12; E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 13; Section 14 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 15; E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 16; E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 17; Section 18 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 19; SE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 20; Section 21; Section 22 except E $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 23-26; E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 27; Section 28; E $\frac{1}{2}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section

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29; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 30; Section 32 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 33-36.

T.15S., R.10W. Willamette Meridian: Section 1 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$ ; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 2; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 4; Sections 5-8; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 11; NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 12; E $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 13; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14; SW $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 15; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 16; Sections 17-22; E $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 23; Section 24 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; SW $\frac{1}{4}$  Section 25; Section 26 except NE $\frac{1}{4}$ ; Sections 27-34; E $\frac{1}{2}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35; NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 36.

T.15S., R.11W. Willamette Meridian: Section 1; N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 3; Section 4 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 5; SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 6; W $\frac{1}{2}$  Section 7; NE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 8; Section 9 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 10-11; Section 12 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 13 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 14; Section 15 except SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 16; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 21; E $\frac{1}{2}$  E $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 22; Sections 23-27; Section 28 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 30; Section 31 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 32 except S $\frac{1}{2}$  N $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 33 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 34 except S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 35 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 36.

T.15S., R.12W. Willamette Meridian: Section 1 except NW $\frac{1}{4}$ ; Section 2; E $\frac{1}{2}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 3; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 10; Section 11 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 12 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; SE $\frac{1}{4}$  Section 22; Section 25 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$ , NE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 26; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 27; E $\frac{1}{2}$  Section 34; Section 35; Section 36 except N $\frac{1}{2}$  N $\frac{1}{2}$ .

T.16S., R.09W. Willamette Meridian: Section 1 except N $\frac{1}{2}$  S $\frac{1}{2}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 2 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 3-5; Section 6 except N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 7 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 8-15; Section 16 except SE $\frac{1}{4}$ ; Section 17; Section 18 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 19; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 20; Section 21 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 22-24; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 25; Section 26 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 27-28; Section 29 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 30; W $\frac{1}{2}$  Section 31; Sections 32-34; Section 35 except NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ .

T.16S., R.10W. Willamette Meridian: SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 1; SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 2; Section 3 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; Section 5 except SE $\frac{1}{4}$

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NE $\frac{1}{4}$ ; Sections 6-9; Section 10 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; Section 12 except SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ ; Section 13 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 14; Section 15 except W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 16 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 17-21; Section 22 except W $\frac{1}{2}$  E $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 23; Section 24 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 25; Section 26 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 27 except S $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 28; Section 29 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 30 except NW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 31; Section 32 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Section 33 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 34; NE $\frac{1}{4}$  Section 35.

T.16S., R.11W. Willamette Meridian: E $\frac{1}{2}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 1; Section 2 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; W $\frac{1}{2}$  Section 3; Section 4-6; N $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 8; N $\frac{1}{2}$  Section 9; Section 10 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 11 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 12 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 13; Section 14 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 15; Section 19 except N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 20; S $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 21; Section 22 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 23-27; Section 28 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 29 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 30-36.

T.16S., R.12W. Willamette Meridian: Sections 1 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; Section 2; E $\frac{1}{2}$  Section 3; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 10; N $\frac{1}{2}$  Section 11; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 14; W $\frac{1}{2}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 22; Section 23 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 24-26; Sections 35-36.

T.17S., R.08W. Willamette Meridian: N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 18.

T.17S., R.09W. Willamette Meridian: Section 1 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 2 except E $\frac{1}{2}$  W $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 3 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 4 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 5; Section 6 except NW $\frac{1}{4}$ ; Section 7; Section 8; W $\frac{1}{2}$  Section 9; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; W $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 11; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 16; Section 17 except W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 18-19; Section 20 except E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 21; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 25; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 26; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 28; N $\frac{1}{2}$  Section 29; N $\frac{1}{2}$  N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 30; Section 31 except S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 32; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 33; S $\frac{1}{2}$  S $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 34; S $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35.

T.17S., R.10W. Willamette Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 1; Section 3 except E $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 4; Section 5 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 6 except S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 7-9; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 10; SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 11; E $\frac{1}{2}$  E $\frac{1}{2}$ , NE $\frac{1}{4}$

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NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 12; Section 13; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 14; SE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 15; Section 16 except W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 17-18; Section 19 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 20-21; Section 22 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 23 except N $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 24; Section 25 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 26; Section 27 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 28 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 29 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 30-31; Section 32 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 33 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 34; Section 35 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.17S., R.11W. Willamette Meridian: Section 1 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 2; S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 3; Sections 4-5; Section 6 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; S $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 7; Sections 8-9; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 10; Section 11 except SE $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ ; Section 12; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  N $\frac{1}{2}$  Section 13; NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 14; Section 16 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 17; Section 18; Section 19 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 20; W $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 21; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 22; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 23; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 24; Section 25 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 26; W $\frac{1}{2}$  Section 28; Section 29; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 30; Section 31 except NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 32; W $\frac{1}{2}$  Section 33; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 34; Section 35 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 36.

T.17S., R.12W. Willamette Meridian: Section 1; Section 2 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 3; NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; N $\frac{1}{2}$  Section 11; Section 12 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; E $\frac{1}{2}$  Section 13; E $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 24.

T.18S., R.09W. Willamette Meridian: W $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 1; Section 2 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 3; Section 4 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 5; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 7; Section 8 except S $\frac{1}{2}$  S $\frac{1}{2}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ ; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 11.

T.18S., R.10W. Willamette Meridian: N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 4; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 5; Section 6; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 7; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 8.

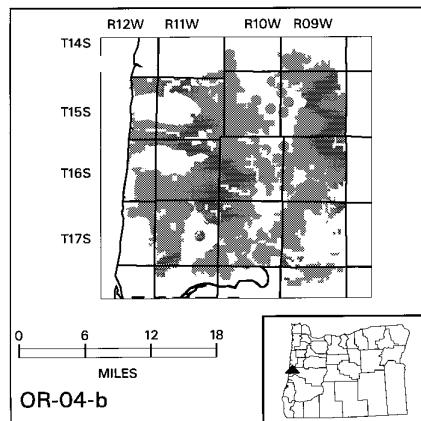
T.18S., R.11W. Willamette Meridian: Section 1 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 3; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 4; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 5; Section 6 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ .

Critical Habitat includes only State lands described within the following areas:

T.17., R.08W. Willamette Meridian: S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 18; NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 19.

T.17., R.09W. Willamette Meridian: N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 25; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 26; Section 32 except N $\frac{1}{2}$  S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 33.

T.18S., R.09W. Willamette Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 4; SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 5; N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9.



Map and description of OR-04-c taken from United States Fish and Wildlife Service 1:100,000 map; Reedsport, Eugene and Cottage Grove, Oregon, 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.18S., R.09W. Willamette Meridian: SE $\frac{1}{4}$  Section 23; Section 25; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 26; Section 27 except N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 28; S $\frac{1}{2}$  Section 32; Section 33 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 34-36.

T.18S., R.10W. Willamette Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 8; Section 9 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$ ; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 10; Section 15 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 16; Section 17 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 18; Sections 19-20; E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 21; Section 22 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 23 except NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 25; Section 26; Section 27 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  Section 28; Section 29-32; Section 33 except E $\frac{1}{2}$  W $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 34 except SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 35 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ .

T.18S., R.11W. Willamette Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$  Section 11; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 12; Section 13; Section 14 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 22 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 23-26; E $\frac{1}{2}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 27; S $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$

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Section 28; SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 29; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 32; Section 33-36.

T.19S., R.09W. Willamette Meridian: Sections 1-2; Section 3 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 4; Section 5 except NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 6 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 7 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 8-9; E $\frac{1}{2}$  Section 11; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 12; Section 13; Section 15; Section 17; Section 18 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 19-23; Section 24 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 25; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 26; Sections 27-33; N $\frac{1}{2}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  W $\frac{1}{2}$  Section 34; Section 35; Section 36 except E $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ .

T.19S., R.10W. Willamette Meridian: Section 1; Section 2 except W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 3; Section 4 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 5-8; Section 9 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 10 except N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 11 except N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 12 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 13 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 14-23; Section 24 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 25-26; Section 27 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 28; Section 29 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  Section 30; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 31; Section 32 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 33-36.

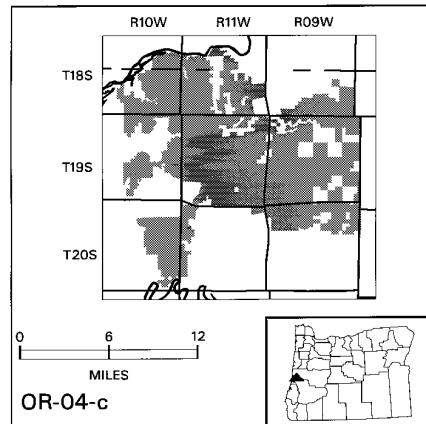
T.19S., R.11W. Willamette Meridian: Section 1; N $\frac{1}{2}$  N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 2; Section 3 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 4; Section 9 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 10 except S $\frac{1}{2}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 12 except N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 13; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14; SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 15; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 16; Section 21 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 22 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 23 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 24; NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 25; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 26; N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 27; Section 28 except NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 33.

T.20S., R.09W. Willamette Meridian: Section 1 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 2 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 3 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 4-6; Section 7 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Section 8; Section 9 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; SE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 10; Section 11 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 12 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 13; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 14.

T.20S., R.10W. Willamette Meridian: N $\frac{1}{2}$  Section 1; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 5; Section 6 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; W $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 7; Section 18 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ ; SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19; W $\frac{1}{2}$  Section 30.

T.20S., R.11W. Willamette Meridian: Section 10 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 11-14; E $\frac{1}{2}$  Section 15; NE $\frac{1}{4}$  Section 22; Section 23 except SW $\frac{1}{4}$ ; Section 24-25; NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 26; N $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 35; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 36.

## 50 CFR Ch. I (10-1-98 Edition)



Map and description of OR-04-d taken from United States Fish and Wildlife Service 1:100,000 map; Reedsport and Cottage Grove, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.20S., R.10W. Willamette Meridian: S $\frac{1}{2}$  Section 11; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 12; NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 13; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 14; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 23; SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 25; Section 26; Section 27 except W $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  Section 34; Section 35.

T.21S., R.09W. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 2; Section 3 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; E $\frac{1}{2}$  E $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 5; SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 6; Sections 7-8; Section 9 except S $\frac{1}{2}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 10; Section 11; Section 14 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; Section 15; Sections 17-19; NW $\frac{1}{4}$  Section 20; Section 21; W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 22; Section 23; Section 29; Sections 31-33.

T.21S., R.10W. Willamette Meridian: Section 2-3; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 6; Section 7; Section 8 except NE $\frac{1}{4}$ ; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 9; N $\frac{1}{2}$  E $\frac{1}{2}$  Section 10; Sections 11-14; Section 15 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 16; Sections 17-21; Section 22 except NW $\frac{1}{4}$ ; Sections 23-35.

T.21S., R.11W. Willamette Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 1; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 12; S $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23; Sections 24-25; Section 26 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 27 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Section 28 except N $\frac{1}{2}$  N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 33; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 34; Section 35 except S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 36 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ .

T.22S., R.09W. Willamette Meridian: NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 4; Section 5 except SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 6 except SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 7 except E $\frac{1}{2}$

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SE $\frac{1}{4}$ ; Section 9 W $\frac{1}{2}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 17.

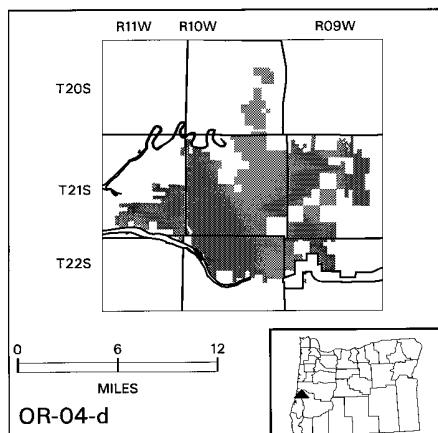
T.22S., R.10W. Willamette Meridian: Sections 1-5; E $\frac{1}{2}$  Section 6; Section 8 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Sections 9-12; N $\frac{1}{2}$  Section 13; N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 15; NE $\frac{1}{4}$  Section 17.

T.22S., R.11W. Willamette Meridian: NE $\frac{1}{4}$  Section 1.

### Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.22S., R.11W. Willamette Meridian: SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 1.



Map and description of OR-04-e taken from United States Fish and Wildlife Service 1:100,000 map; Cottage Grove and Roseburg, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.23S., R.08W. Willamette Meridian: Section 3 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 5; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 6; Section 7; Section 9; NW $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; Section 13 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 14 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 15; Section 17-19; Section 20 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 21; Section 23 except S $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 27; Section 28 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 29-33; Section 35 except E $\frac{1}{2}$  NE $\frac{1}{4}$ .

T.23S., R.09W. Willamette Meridian: Section 3 except NE $\frac{1}{4}$ ; Sections 7-8; Section 13 except NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 14-17; Section 20 except S $\frac{1}{2}$  N $\frac{1}{2}$ ; Sections 21-22; N $\frac{1}{2}$  Section 23; Sections 24-25; Section 26 except NW $\frac{1}{4}$ ; Section 27; Section 28 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 29.

T.23S., R.10W. Willamette Meridian: Section 1.

T.24S., R.07W. Willamette Meridian: SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 6; Section 7; E $\frac{1}{2}$  Section 18; Section 19 except E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ .

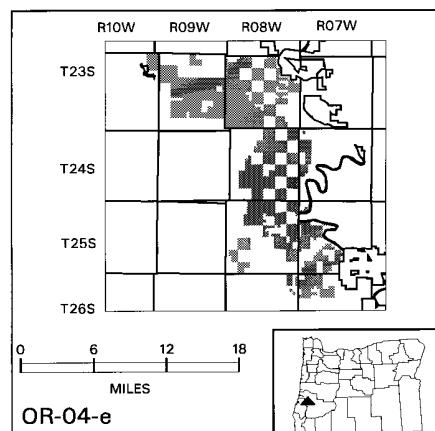
T.24S., R.08W. Willamette Meridian: Section 1; Section 3; E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 9; Sections 10-11; Section 13; Section 15; SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 17; Section 20 except NW $\frac{1}{4}$ ; Section 21; SE $\frac{1}{4}$  Section 22; Section 23; Section 25; Sections 27-29; Section 33; Section 35.

T.25S., R.07W. Willamette Meridian: S $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 6; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 7; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 9; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 15; Section 17; Section 18 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Section 19; NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 20; S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 21; Section 27 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ ; SW $\frac{1}{4}$  Section 28; SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 29; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 30; E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 31; W $\frac{1}{2}$  Section 32; W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 33; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 34.

T.25S., R.08W. Willamette Meridian: Section 1; Sections 3-4; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 5; Section 8 except W $\frac{1}{2}$ ; Section 9; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 10; Section 11; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 12; Section 13; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 14; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; Section 20; Section 23; Section 24 except SE $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 25; Section 30 except SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 32 except SE $\frac{1}{4}$ .

T.26S., R.07W. Willamette Meridian: Section 5; Section 6 except NW $\frac{1}{4}$ ; Section 7 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 8; Section 9 except N $\frac{1}{2}$  NW $\frac{1}{4}$ .

T.26S., R.08W. Willamette Meridian: W $\frac{1}{2}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 1; NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 12.



Map and description of OR-04-f taken from United States Fish and Wildlife Service 1:100,000 map; Cottage Grove and Roseburg, Oregon; 1995.

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Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

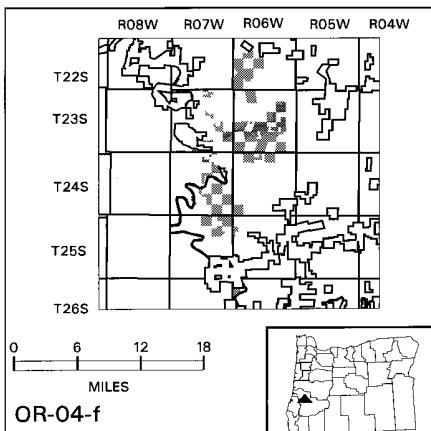
T.22S., R.06W. Willamette Meridian: S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 17; Section 19; Section 21; Section 29; Section 30 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 31; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 32.

T.23S., R.06W. Willamette Meridian: W $\frac{1}{2}$  W $\frac{1}{2}$  Section 4; Section 5; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 8; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 9; Section 19; Section 31; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 32.

T.23S., R.07W. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 3; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14; E $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; Section 23 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 25; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 27; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 33.

T.24S., R.07W. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 2; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 3; Section 11 except NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; N $\frac{1}{2}$  N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 15; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 21; Section 23; Section 25; Section 27 except SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ ; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 28; Section 35.

T.25S., R.07W. Willamette Meridian: Section 1; NE $\frac{1}{4}$  Section 2; Section 3; Section 11 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12.



Map and description of OR-04-g taken from United States Fish and Wildlife Service 1:100,000 map; Cottage Grove, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.21S., R.06W. Willamette Meridian: Section 31.

T.21S., R.07W. Willamette Meridian: W $\frac{1}{2}$  Section 7; Section 16 except NW $\frac{1}{4}$ ; Section 17; N $\frac{1}{2}$  Section 18; Section 19; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Sec-

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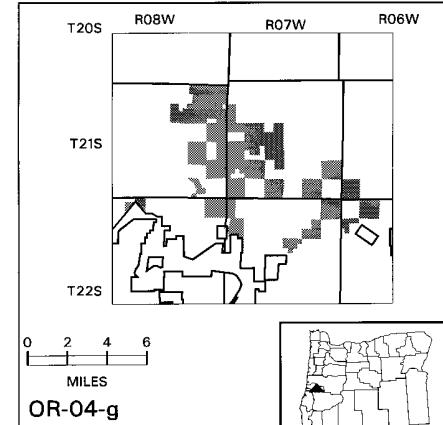
tion 20; Section 21; Section 25; NE $\frac{1}{4}$  Section 28; Section 29; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 30; Section 31; Section 33; Section 35.

T.21S., R.08W. Willamette Meridian: Section 1; Section 2 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 10 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 11; Section 12 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 13; Section 23; E $\frac{1}{2}$  Section 24; Section 25; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 26; Section 35 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ .

T.22S., R.06W. Willamette Meridian: Section 5; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 7.

T.22S., R.07W. Willamette Meridian: Section 1; W $\frac{1}{2}$  Section 6; Section 7 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 11 except NW $\frac{1}{4}$ ; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 15.

T.22S., R.08W. Willamette Meridian: Section 1; NE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 5; NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 12.



Map and description of OR-04-i taken from United States Fish and Wildlife Service 1:100,000 map; Eugene and Cottage Grove, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.17S., R.06W. Willamette Meridian: SE $\frac{1}{4}$  Section 35; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 36.

T.17S., R.07W. Willamette Meridian: Section 11; S $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 13; Section 15; NW $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19; SE $\frac{1}{4}$  Section 25; Section 29 except E $\frac{1}{2}$  W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ .

T.17S., R.08W. Willamette Meridian: Section 13 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 17 except SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 21; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 22; Section 23; Section 25; Section 27; NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 28; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 33; Section 35.

T.18S., R.06W. Willamette Meridian: Section 5 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; SE $\frac{1}{4}$  Section 11; Section 19; Section 21 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$  Section 23; Section 27 except S $\frac{1}{2}$

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NE $\frac{1}{4}$ ; Section 31; NE $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 35.

T.18S., R.07W. Willamette Meridian: Section 1; N $\frac{1}{2}$  Section 7; Section 17 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 19; Section 21; Section 25; Section 27; Section 29; Section 31; Section 33 except NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 35.

T.18S., R.08W. Willamette Meridian: E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 1; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 2; Section 3; Section 4 except NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 9; Section 11 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 13 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 15; Section 19; Section 21 except E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 23; Section 25; Section 27; SE $\frac{1}{4}$  Section 28; Section 29 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 31; NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 32; Section 33 except NE $\frac{1}{4}$ ; Section 35 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.19S., R.06W. Willamette Meridian: Section 1 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 3; Section 5; Section 7 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; NW $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 8; E $\frac{1}{2}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 15; Section 17 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 19 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 20; Section 21; Section 23; Section 25; Section 27; Section 29; Section 31; Section 33; SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 34; Section 35.

T.19S., R.07W. Willamette Meridian: Section 1 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 3 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 5; Section 7; Section 9 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 11 except N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 13; Section 15; Section 17; Section 19 except N $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 21; Section 23; N $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 25; Section 27; Section 29; S $\frac{1}{2}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 30; Section 31; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 32; Section 33; Section 35 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ .

T.19S., R.08W. Willamette Meridian: Section 1; Section 5; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 6; Section 7; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 8; W $\frac{1}{2}$  Section 9; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 13; Section 17; N $\frac{1}{2}$  S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 18; Section 19; Section 21; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; Section 23; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 24; Section 25; NW $\frac{1}{4}$  Section 26; Section 27; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 28; Section 29; SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 30; Section 31; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 32; Section 33; Section 35.

T.20S., R.06W. Willamette Meridian: Section 1 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 3 except E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; Section 5; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 6; Section 7; Section 9; Section 11 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 13; Section 15; Section 17; W $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 18; Section 19; Section 21; Section 23; N $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 26; Section 27; Section 29; Section 31; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 32; SE $\frac{1}{4}$ , NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 33; Section 35 except S $\frac{1}{2}$  SW $\frac{1}{4}$ .

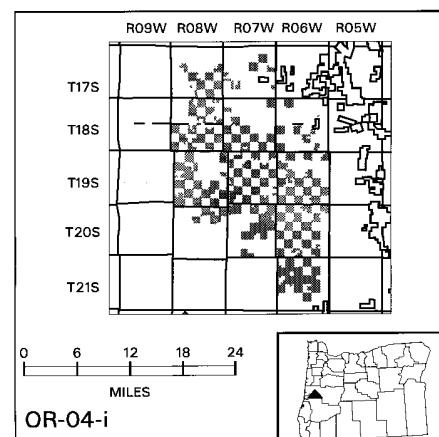
T.20S., R.07W. Willamette Meridian: Section 1; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 2; Section 3 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 5; Section 6 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 7; Section 11; Section 12 except E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 13-15; Section 21; Section 22 except SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 23 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 33 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$  Section 34.

T.20S., R.08W. Willamette Meridian: Section 1; SW $\frac{1}{4}$  Section 2; Section 3; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 6; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 8; Section 9; Section 11; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 12.

T.21S., R.06W. Willamette Meridian: Section 3; Section 5; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 6; Section 7; Section 8 except SE $\frac{1}{4}$ ; Section 9; Section 11; Section 14 except NE $\frac{1}{4}$ ; Sections 15-17; Section 18 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 19; NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 20; Section 21; S $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 22; Section 23; Section 27.

Critical Habitat includes only State lands described within the following areas:

T.17S., R.08W. Willamette Meridian: SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 28.



Map and description of OR-04-j objective taken from United States Fish and Wildlife Service 1:100,000 map; Eugene, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.13S., R.06W. Willamette Meridian: S $\frac{1}{2}$  Section 31.

T.14S., R.06W. Willamette Meridian: NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 6; Section 7; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 18; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 19; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 30; Section 31.

T.14S., R.07W. Willamette Meridian: Section 1; Section 9; Section 11 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 12 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 13 except SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 14; Section 17; Section 19; Section 20 except NW $\frac{1}{4}$

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NW $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 21 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 23 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 24; Section 25; Section 26 except N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 27; S $\frac{1}{2}$  Section 28; Sections 29-34.

T.14S., R.08W. Willamette Meridian: Section 19 except N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 20; S $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 21; S $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 22; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 23; E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 25; NW $\frac{1}{4}$  Section 26; Section 27; E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 28; Section 29 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Section 30 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 31 except N $\frac{1}{2}$  S $\frac{1}{2}$ ; Section 32; Section 33 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 34.

T.15S., R.06W. Willamette Meridian: Section 29; Section 31; Section 33 except NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 34; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35.

T.15S., R.07W. Willamette Meridian: Section 3 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 4 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 5-6; Section 7 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8; Sections 18-21; Section 25 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 27; Section 29; Section 31; Section 33 except NE $\frac{1}{4}$ ; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 35.

T.15S., R.08W. Willamette Meridian: Section 1; S $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 2; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 3; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 4; Section 5 except S $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 6 except SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$ ; Section 7 except N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 9 except E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 11; Sections 13-14; Section 15 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 16-20; Section 21 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 22-27; N $\frac{1}{2}$  Section 28; Sections 29-31; N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 32; Section 33; Section 35; W $\frac{1}{2}$  Section 36.

T.16S., R.06W. Willamette Meridian: SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 3; Section 5 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 7 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 9; SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 12; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 17; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 33.

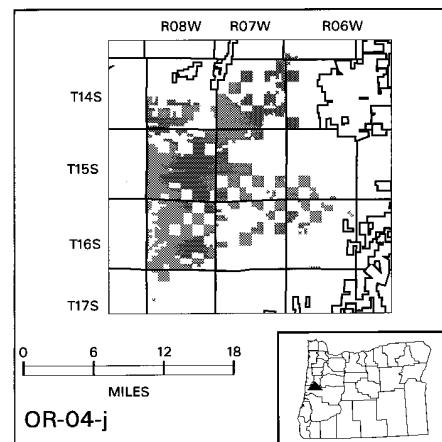
T.16S., R.07W. Willamette Meridian: Section 1; Section 3 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 5 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 6; Section 7 except NE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 11; Section 13; E $\frac{1}{2}$ , SW $\frac{1}{4}$  Section 15; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 18; S $\frac{1}{2}$  Section 19; Section 21.

T.16S., R.08W. Willamette Meridian: Section 1; Sections 3-4; Section 5 except S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 6; Section 7 except W $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 8-9; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 10; Section 11; Section 13 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 15; Section 17 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 18 except NW $\frac{1}{4}$ , W $\frac{1}{2}$  E $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 19 except E $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 20 except W $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 21-23; SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$

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SE $\frac{1}{4}$  Section 24; Section 25; N $\frac{1}{2}$  Section 26; Section 27; Section 28 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 29 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 30; Section 31 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 32 except SE $\frac{1}{4}$ , Section 33; S $\frac{1}{2}$  Section 34; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 35.

T.17S., R.08W. Willamette Meridian: Section 5; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 6.



Map and description of OR-04-k taken from United States Fish and Wildlife Service 1:100,000 map; Corvallis, Eugene, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.12S., R.07W. Willamette Meridian: SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 10; Section 11 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 13; Sections 14-15; Section 16 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 19 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Section 20 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 21-23; W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 24; Section 25; Section 26 except SW $\frac{1}{4}$ ; Section 27; Section 28 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 29-31; Section 32 except NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 33-35; W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 36.

T.12S., R.08W. Willamette Meridian: SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 3; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 8; Section 9 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ ; SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; Section 11 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; S $\frac{1}{2}$  Section 12; E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 13; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 15; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 16; Section 17 except NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 18; W $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 19; S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 20; Section 21; Section 22 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 23; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 24; Section 25; N $\frac{1}{2}$  Section 26; Section 27; Section 29 except NE $\frac{1}{4}$ ; W $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 30; Section 31; Section 33 except SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 35 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ .

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T.12S., R.09W. Willamette Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 13; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 24.

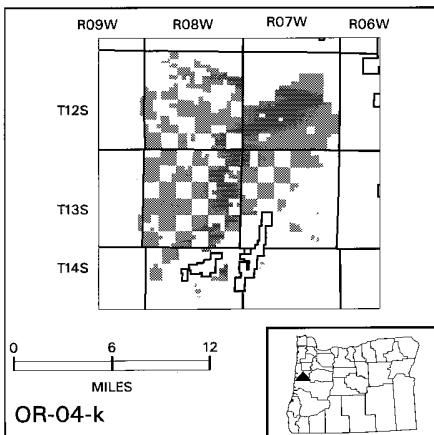
T.13S., R.07W. Willamette Meridian: Section 2 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 3; Section 5; W $\frac{1}{2}$  Section 6; Section 7; Section 9; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 15; Section 17; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 18; Section 19 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 21; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 23; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 27; N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 35.

T.13S., R.08W. Willamette Meridian: Section 1; NE $\frac{1}{4}$  Section 2; Section 3 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 5; S $\frac{1}{2}$  Section 6; Section 7; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 8; Section 9 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 11; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12; Section 13; E $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 14; Section 15; Section 17; Sections 19-21; Section 23; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 24; Section 25; W $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 26; Section 27; Section 29; NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 30; Section 31; SE $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 32; Section 33; SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 34; Section 35 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.13S., R.09W. Willamette Meridian: E $\frac{1}{2}$  E $\frac{1}{2}$  Section 25.

T.14S., R.07W. Willamette Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 5; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 7.

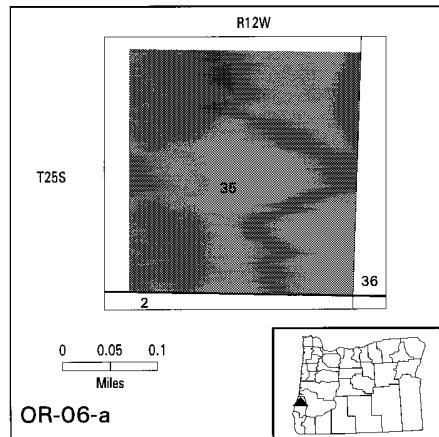
T.14S., R.08W. Willamette Meridian: N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 3; Section 5 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 7 except W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 11 except NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 15.



Map and description of OR-06-a taken from United States Fish and Wildlife Service 1:100,000 map; Coos Bay, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.25S., R.12W. Willamette Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 35.



Map and description of OR-06-b taken from United States Fish and Wildlife Service 1:100,000 map; Roseburg, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.25S., R.10W. Willamette Meridian: Section 31; Section 33.

T.26S., R.09W. Willamette Meridian: SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 9; Section 10 except NE $\frac{1}{4}$ ; Section 17; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 18; Section 19; SW $\frac{1}{4}$  Section 20; Section 21; N $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  S $\frac{1}{2}$  Section 28; Section 29; Section 31 except N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 32; Section 33.

T.26S., R.10W. Willamette Meridian: Sections 3-5; E $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 6; Section 7; SW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 8; Section 9; Section 11; Section 13; N $\frac{1}{2}$  Section 14; Sections 15-17; Section 19; SE $\frac{1}{4}$  Section 20; N $\frac{1}{2}$  Section 21; W $\frac{1}{2}$  Section 22; Section 23; N $\frac{1}{2}$  N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 24; Section 25; Section 27; NE $\frac{1}{4}$  Section 28; Sections 29-31; E $\frac{1}{2}$  Section 32; Section 33; Section 35 except SE $\frac{1}{4}$ .

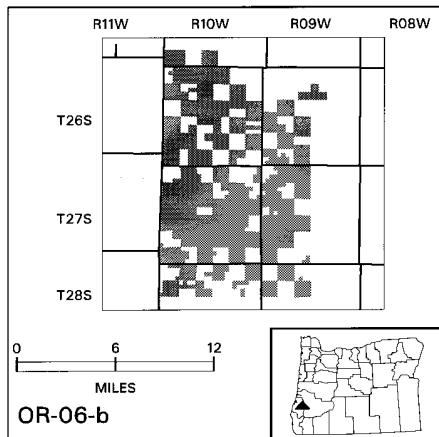
T.27S., R.09W. Willamette Meridian: Sections 4-5; SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 6; Section 7 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 8; Section 9; Section 17; Section 18 except SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 19-21; Sections 29-31; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 33.

T.27S., R.10W. Willamette Meridian: E $\frac{1}{2}$  E $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 1; Section 3; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 4; Section 5; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 6; Sections 7-9; NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; Section 11; S $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 12; Sections 13-15; N $\frac{1}{2}$  Section 16; Sections 17-20; Sections 21-23; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 24; Sections 25-29; NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 30; Section 31; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 32; Section 33; SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 34; Section 35.

T.28S., R.09W. Willamette Meridian: SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 4; Section 5; Section 7; Section 9.

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T.28S., R.10W. Willamette Meridian: Section 1; Section 3 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 4; Section 5; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 6; Section 7 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$  N $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 8; Section 9 except NE $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 11; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 12.



Map and description of OR-06-c taken from United States Fish and Wildlife Service 1:100,000 map; Roseburg and Canyonville, Oregon; 1995.

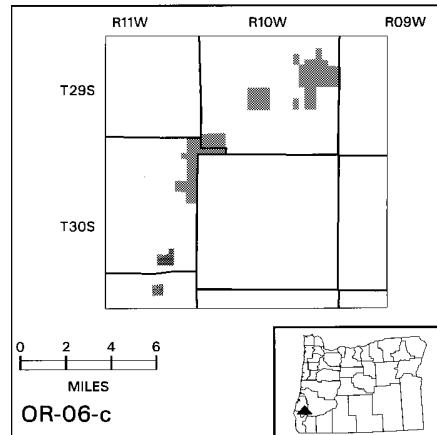
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.29S., R.10W. Willamette Meridian: S $\frac{1}{2}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 11; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12; Section 13; E $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  Section 14; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 20; Section 21; E $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 23; Section 31.

T.30S., R.11W. Willamette Meridian: E $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 1; E $\frac{1}{2}$  Section 12; E $\frac{1}{2}$ , NW $\frac{1}{4}$  Section 13; N $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 35.

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T.31S., R.11W. Willamette Meridian: SW $\frac{1}{4}$  Section 2.



Map and description of OR-06-d taken from United States Fish and Wildlife Service 1:100,000 map; Roseburg, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.28S., R.08W. Willamette Meridian: Section 3; Section 5; NE $\frac{1}{4}$  Section 8; Section 9; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 10; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 11; N $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 15; Section 17; Section 27; Section 33.

T.28S., R.09W. Willamette Meridian: Section 19; Section 21; SW $\frac{1}{4}$  Section 22; Section 23; Section 25; Section 27; Section 29; Section 31; Section 33; Section 35.

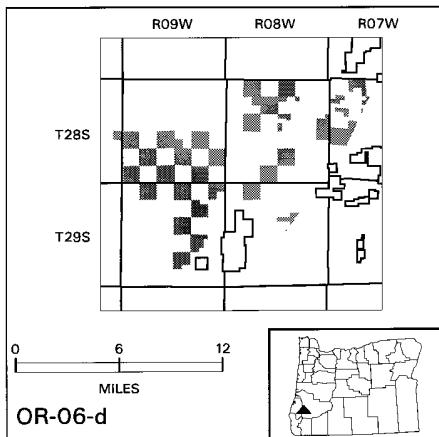
T.28S., R.10W. Willamette Meridian: NE $\frac{1}{4}$  Section 24.

T.29S., R.08W. Willamette Meridian: Section 5.

T.29S., R.09W. Willamette Meridian: Section 1 except SE $\frac{1}{4}$ ; Section 3; Section 5; Section 11 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 15; Section 23 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 27 except S $\frac{1}{2}$  SE $\frac{1}{4}$ .

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Map and description of OR-07-a taken from United States Fish and Wildlife Service 1:100,000 map; Port Orford, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.31S., R.12W. Willamette Meridian: N $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 5; SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 15; Section 21; Section 22 except SE $\frac{1}{4}$ ; Section 23 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 25; Section 27.

T.32S., R.10W. Willamette Meridian: Section 2 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; Section 3 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; S $\frac{1}{2}$  Section 7; SW $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 8; Section 9 except SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 10; Section 11 except E $\frac{1}{2}$  E $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 15; Sections 16-17; Section 18 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 19 except S $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 20-21; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 22.

T.32S., R.11W. Willamette Meridian: SE $\frac{1}{4}$  Section 1; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 4; Section 5; N $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 6; NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 7; Section 8 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; W $\frac{1}{2}$  Section 9; Section 12 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 13; SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 14; W $\frac{1}{2}$  Section 16; Section 17; Section 18 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 19; Section 20 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; SE $\frac{1}{4}$  Section 22; Section 23 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 24 except S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 25 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; Section 26; NE $\frac{1}{4}$  Section 27; E $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 28; S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 29; Sections 30-34; Section 35 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 36.

T.32S., R.12W. Willamette Meridian: E $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 1; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 2; Section 3; Section 10; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; W $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 15; Sections 19-20; W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$

Section 21; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23; E $\frac{1}{2}$  E $\frac{1}{2}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 24; Section 25; Section 26 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 27; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 28; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 29; Section 30 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 31; E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 33; Sections 34-36.

T.32S., R.13W. Willamette Meridian: Section 4 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; S $\frac{1}{2}$  Section 5; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 6; N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 7; Section 8; Sections 22-23; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 24; Sections 25-27; E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31; Sections 32-36.

T.32S., R.14W. Willamette Meridian: N $\frac{1}{2}$  Section 17; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 19; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 22; Section 23 except S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 24 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; E $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 25; S $\frac{1}{2}$  Section 29; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 30; Section 31 except W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 32 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.33S., R.11W. Willamette Meridian: Sections 7-8; Section 9 except E $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 10-11; W $\frac{1}{2}$  Section 12; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 13; Section 14 except SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 15-20; Section 21 except SE $\frac{1}{4}$ ; Section 22 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 23; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 27; S $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 28; W $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 29; Sections 30-31; Section 32 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 33.

T.33S., R.12W. Willamette Meridian: Section 7 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 8; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 9; Section 10 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 11-32; Section 33 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 34 except N $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 35-36.

T.33S., R.13W. Willamette Meridian: E $\frac{1}{2}$  Section 8; Sections 9-11; Section 12 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 13 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 14 except S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; SW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 15; S $\frac{1}{2}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 16; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 17; Sections 19-20; Section 21 except SE $\frac{1}{4}$ ; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 22; Section 23 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 24-25; S $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 26; NW $\frac{1}{4}$  Section 28; Section 29 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ ; Section 30 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 31; E $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 34; Sections 35-36.

T.33S., R.14W. Willamette Meridian: Section 7 except N $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 13; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 15; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 17; SE $\frac{1}{4}$  Section 18; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 20; Section 21 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ ; Section 22 except SW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 23 except N $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$ ; Sections 24-28; Section 29 except NW $\frac{1}{4}$ ; Sections 32-35; Section 36 except NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ .

T.34S., R.11W. Willamette Meridian: NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; Sections 5-6; Section 7

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except NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 9; NE $\frac{1}{4}$  Section 18; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 19; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 30; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 31.

T.34S., R.12W. Willamette Meridian: Sections 1-3; Section 4 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 5 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; Section 6 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 7 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$ ; SE $\frac{1}{4}$  Section 8; Sections 9-36.

T.34S., R.13W. Willamette Meridian: Sections 1-2; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 3; Sections 11-14; E $\frac{1}{2}$  Section 15; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; Section 20 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 21 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 22 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 23 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 24-26; N $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 27.

T.35S., R.11W. Willamette Meridian: SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 6; NW $\frac{1}{4}$  Section 7; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 18; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 19; Section 31; W $\frac{1}{2}$  Section 32.

T.35S., R.12W. Willamette Meridian: Sections 1-4; Section 5 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$

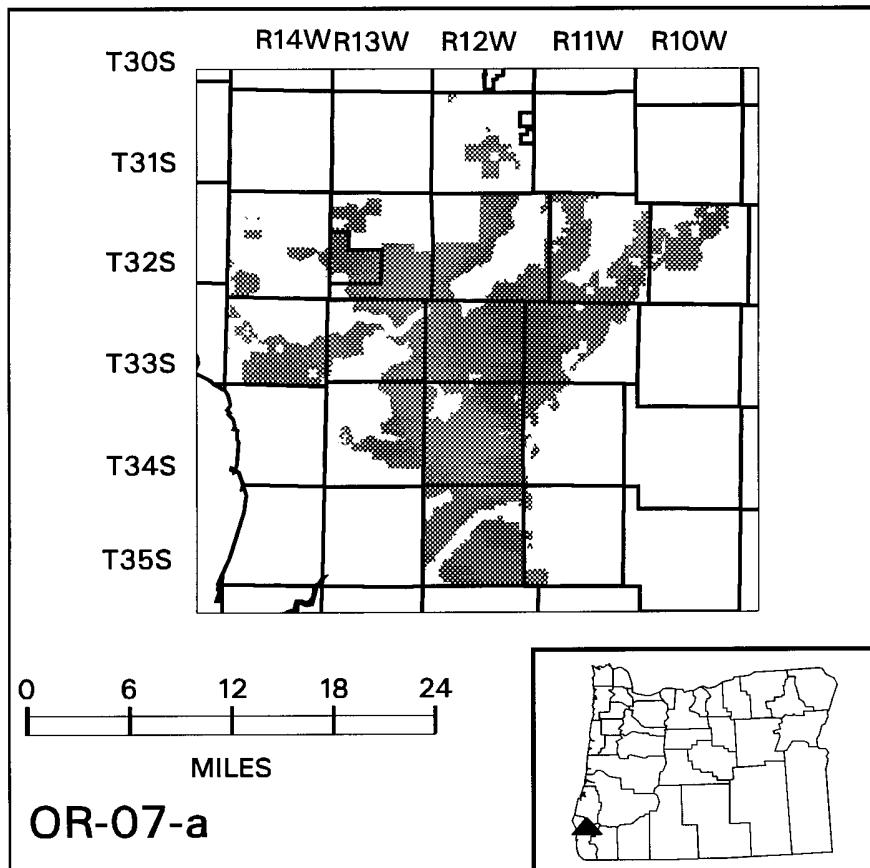
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SW $\frac{1}{4}$ ; Section 6 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 7; Sections 8-9; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 10; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 11; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 12; Section 13 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  N $\frac{1}{2}$ ; Section 14; Section 15 except NW $\frac{1}{4}$ ; SE $\frac{1}{4}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 16; Sections 17-19; Section 20 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 21 except NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 22-28; Section 29 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 30 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 32 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 33-36.

### Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.32S., R.13W. Willamette Meridian: Sections 18-21; Sections 28-29; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 30.



Map and description of OR-07-b taken from United States Fish and Wildlife Service 1:100,000 map; Port Orford and Gold Beach, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.35S., R.12W. Willamette Meridian: Section 31 except E $\frac{1}{2}$  E $\frac{1}{2}$ , N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ .

T.35S., R.13W. Willamette Meridian: NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 31; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 32; N $\frac{1}{2}$  Section 33; N $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 34; Section 35; W $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 36.

T.36S., R.12W. Willamette Meridian: Sections 1-4; NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 5; E $\frac{1}{2}$  E $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8; Sections 9-17; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 18; NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 19; Sections 20-23; Section 24 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ;

N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 25; Section 26 except N $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 27-29; NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 30; SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 31; Sections 32-35; SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 36.

T.36S., R.13W. Willamette Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 1; SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 2; Section 3; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 4; Section 5; NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 6; N $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 7; Section 8 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 9 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 10-11; Section 12 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 13 except SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 14 except SW $\frac{1}{4}$ ; Section 15 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 18; E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 19; NW $\frac{1}{4}$ , SW $\frac{1}{4}$

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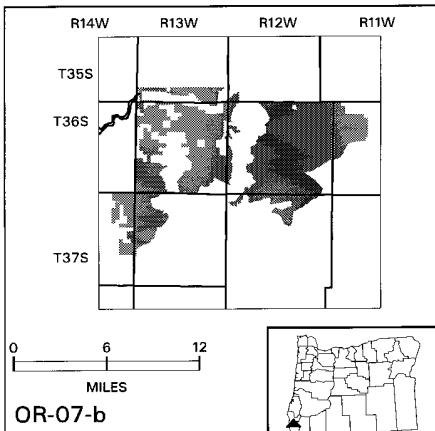
NE $\frac{1}{4}$  Section 20; E $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 22; Section 23; Section 24 except NE $\frac{1}{4}$ ; Sections 25–26; Section 27 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 28; Sections 29–32; W $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  E $\frac{1}{2}$  Section 33; Section 34; N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 35; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 36.

T.36S., R.12 ½W. Willamette Meridian: Section 1 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$ ; S $\frac{1}{2}$ , NW $\frac{1}{4}$  Section 12; NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 13; W $\frac{1}{2}$  Section 24; W $\frac{1}{2}$  Section 25; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 36.

T.37S., R.12W. Willamette Meridian: NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 1; Section 2 except SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 3 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 4 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 5; Section 6 except S $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 9; W $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10.

T.37S., R.13W. Willamette Meridian: W $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 5; Sections 6–8; W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 9; W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  Section 11; Section 12 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ ; SE $\frac{1}{4}$ , N $\frac{1}{2}$  N $\frac{1}{2}$  Section 13; Section 24 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ .

T.37S., R.12 ½W. Willamette Meridian: Section 1 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ .



Map and description of OR-07-c taken from United States Fish and Wildlife Service 1:100,000 map; Gold Beach, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.37S., R.12W. Willamette Meridian: E $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 17; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 18; Section 19 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 20; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 21; S $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$ , NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 28; Sections 29–33; W $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 34; S $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35.

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T.37S., R.13W. Willamette Meridian: SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 24; Section 25; Section 26 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 27; SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 29; Sections 33–36.

T.37S., R.12 ½W. Willamette Meridian: Section 24 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 24–25; Section 36.

T.37 ½S. R.11W. Willamette Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 31.

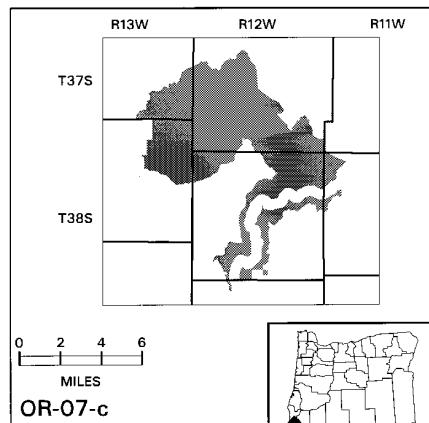
T.37 ½S. R.12W. Willamette Meridian: Section 25 except E $\frac{1}{2}$ ; Section 26 except E $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 27–32; Section 33 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 34–35; Section 36 except N $\frac{1}{2}$  NE $\frac{1}{4}$ .

T.38S., R.11W. Willamette Meridian: Section 6 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , Section 7; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 18.

T.38S., R.12W. Willamette Meridian: Sections 1–2; Section 3 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 5; Section 6; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 7; S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 9; Sections 10–12; N $\frac{1}{2}$  N $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 13; N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 14; Sections 15–16; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 20; Section 21; W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 22; W $\frac{1}{2}$  Section 27; Section 28; Section 29 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 30; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 31; Section 32; Section 33 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 34.

T.38S., R.13W. Willamette Meridian: Sections 1–2; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 3; E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; Sections 11–13; Section 14 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; NE $\frac{1}{4}$  Section 15; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 24.

T.39S., R.12W. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 5.



Map and description of OR-07-d taken from United States Fish and Wildlife Service 1:100,000 map; Gold Beach and Grants Pass, Oregon; 1995.

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Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.38S., R.11W. Willamette Meridian: S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 31.

T.39S., R.11W. Willamette Meridian: SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4; S $\frac{1}{2}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 5; E $\frac{1}{2}$ , E $\frac{1}{2}$  W $\frac{1}{2}$  Section 6; Section 7 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 8 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 9; W $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 10; NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 15; Section 16 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; Section 18 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 19-20; Section 21 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 22; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 29; Sections 30-32; SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 33.

T.39S., R.12W. Willamette Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$  Section 1; S $\frac{1}{2}$  S $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 2; S $\frac{1}{2}$  Section 3; Section 10 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 11 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 12; Section 13 except SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 14; W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 19; S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 20; Section 21; S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 23; Sections 24-36.

T.39S., R.13W. Willamette Meridian: Section 33.

T.40S., R.09W. Willamette Meridian: SW $\frac{1}{4}$  Section 4; S $\frac{1}{2}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 5; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 6; Section 7 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 8 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 9; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 18; Section 19 except E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 20; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 21; Section 27 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 28; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 29; Section 30 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 31; Section 32 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 33; Section 34 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.40S., R.10W. Willamette Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 1; SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 2; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 3; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4; SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 8; Section 9 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 10-11; Section 12 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 13-16; Section 17 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 19 except NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 20-36.

T.40S., R.11W. Willamette Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; Sections 5-8; W $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 9; Section 16 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; Sections 17-21; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 25; Section 27 except E $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 28-33; W $\frac{1}{2}$  Section 34; SE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 35; Section 36.

T.40S., R.12W. Willamette Meridian: Sections 1-30; Section 31 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 32-36.

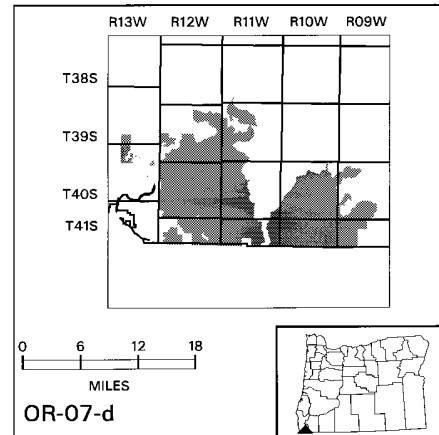
T.40S., R.13W. Willamette Meridian: Section 4 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 9; W $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 10; SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 13.

T.41S., R.09W. Willamette Meridian: Sections 4-8; Sections 17-18.

T.41S., R.10W. Willamette Meridian: Sections 1-18.

T.41S., R.11W. Willamette Meridian: Section 1; Section 2 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 3-15; Sections 17-18.

T.41S., R.12W. Willamette Meridian: Sections 1-4; Section 5 except W $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 7 except NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 8; Section 9 except S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 10; Section 11 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 12-13; Section 14 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 15; Section 17; Section 18 except W $\frac{1}{2}$  W $\frac{1}{2}$ .



Map and description of OR-07-f taken from United States Fish and Wildlife Service 1:100,000 map; Port Orford, Canyonville, Gold Beach and Grants Pass, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.32S., R.09W. Willamette Meridian: Section 34.

T.32S., R.10W. Willamette Meridian: Section 25; E $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 26; Section 35 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 36 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.33S., R.09W. Willamette Meridian: Section 2; Sections 3-4; Section 5 except SE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 6 except SE $\frac{1}{4}$ ; Section 7 except E $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 8 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 9-10; Sections 17-19.

T.33S., R.10W. Willamette Meridian: Section 1 except NE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 2 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 3 except NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 9 except W $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 10; Section 11 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 12 except NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 13-14; Section 15 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 21 except W $\frac{1}{2}$ ; Sections 22-24; Sections 26-27; Section 28 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 29 except

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NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 30; Section 31 except W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 32-34.

T.34S., R.10W. Willamette Meridian: Sections 4-5; Section 6 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 7-8; Section 18.

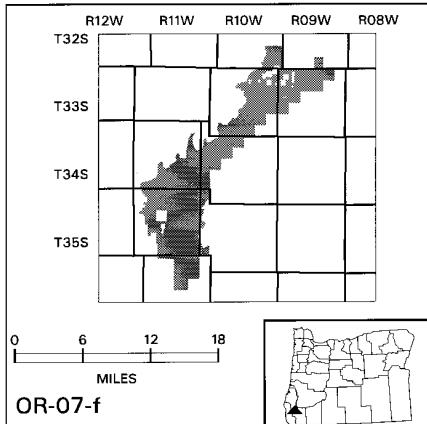
T.34S., R.10 ½W. Willamette Meridian: S $\frac{1}{2}$  Section 7; Section 18 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 19; Sections 30-31.

T.34S., R.11W. Willamette Meridian: E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 11; Section 12 except E $\frac{1}{4}$ ; Section 13 except NE $\frac{1}{4}$ ; E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 14; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; Section 21 except N $\frac{1}{2}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 22 except NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 23 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 24-28; S $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 31; Section 32 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 33-36.

T.35S., R.10 ½W. Willamette Meridian: Section 6; Section 7 except E $\frac{1}{2}$  E $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 18 except E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 30; Section 31.

T.35S., R.11W. Willamette Meridian: Sections 1-4; Section 5 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 6; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 7; Sections 8-15; Section 17; E $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 18; Section 20 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 21 except SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 22-28; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  E $\frac{1}{2}$  Section 29; Section 33 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 34-36.

T.36S., R.11W. Willamette Meridian: Sections 2-3; N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 4; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 5; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 9; Sections 10-11; Section 15; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 16.



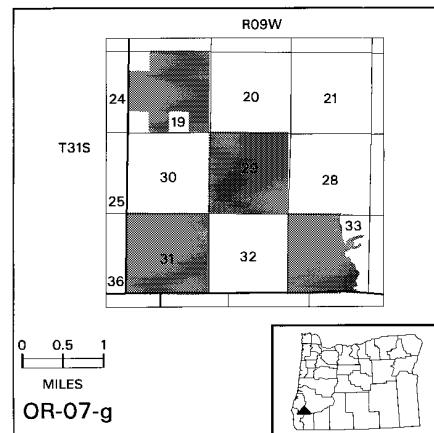
Map and description of OR-07-g taken from United States Fish and Wildlife Service 1:100,000 map; Canyonville, Oregon; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.31S., R.09W. Willamette Meridian: Section 19 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$

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SE $\frac{1}{4}$ ; Section 29; Section 31; Section 33 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ .

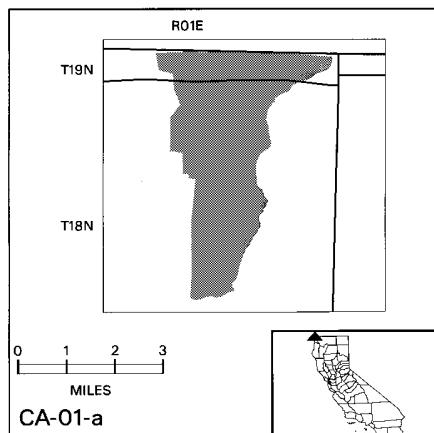


Map and description of CA-01-a taken from United States Fish and Wildlife Service 1:100,000 map; Grants Pass, Oregon; Crescent City and Happy Camp, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.18N., R.01E. Humboldt Meridian: NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 1; W $\frac{1}{2}$ , NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2; Section 3; E $\frac{1}{2}$  Section 4; NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 9; Section 10; W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , Section 11; W $\frac{1}{2}$  Section 14; Section 15; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 16; Section 22; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 23; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 27.

T.19N., R.01E. Humboldt Meridian: Section 33 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 34-35; Section 36 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ .



Map and description of CA-01-b taken from United States Fish and Wildlife Service 1:100,000 map; Crescent City and Happy Camp, California; 1995.

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1:100,000 map; Crescent City and Happy Camp, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.17N., R.02E. Humboldt Meridian: SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 29; Section 31 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 32.

T.17N., R.01E. Humboldt Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 35; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 36.

T.16N., R.03E. Humboldt Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 17; SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 18; Sections 19-20; SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , Section 21; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 27; Section 28 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 29-33; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 34.

T.16N., R.02E. Humboldt Meridian: W $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 5; Sections 6-8; W $\frac{1}{2}$  Section 9; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 16; Section 17; Section 18 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 19-21; Section 22 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 23; S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 25; Section 26 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 27-29; N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 30; Section 32 except SW $\frac{1}{4}$ ; Sections 33-36.

T.16N., R.01E. Humboldt Meridian: Sections 1-2; SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 3; NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 10; N $\frac{1}{2}$ , SE $\frac{1}{2}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  S $\frac{1}{2}$  Section 11; Section 12; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 13; NE $\frac{1}{4}$  Section 24.

T.15N., R.03E. Humboldt Meridian: Sections 2-6; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 7; SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 8; Sections 9-10; W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 11; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 13; Section 14 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 15-17; Section 18 except NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 19; Section 20 except SW $\frac{1}{4}$ ; Sections 21-23; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 24; Section 27 except E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 28 except S $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 29.

T.15N., R.02E. Humboldt Meridian: Sections 1-3; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 4; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 5; Section 10 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Sections 11-12; Section 13 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$ ; Section 14; NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 22; Section 23 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; SW $\frac{1}{4}$  Section 24; Section 25 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 26 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 27; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 28; Section 33-34; Section 35 except E $\frac{1}{2}$  E $\frac{1}{2}$ .

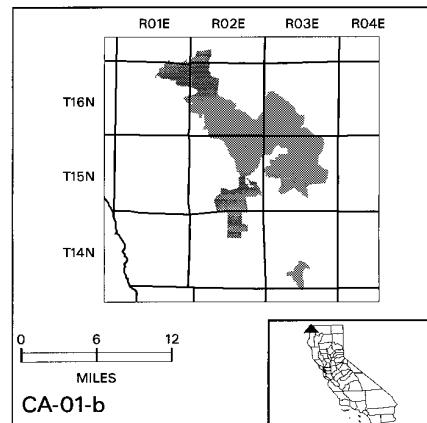
T.14N., R.02E. Humboldt Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  W $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 2; Section 3; N $\frac{1}{2}$  N $\frac{1}{2}$ , E $\frac{1}{2}$  E $\frac{1}{2}$  Section 4; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 9; Section 10; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 11; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 14; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 15.

Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.14N., R.03E. Humboldt Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 21; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 22; W $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 27; Section 28 except NW $\frac{1}{4}$ ; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 29; E $\frac{1}{2}$  Section 33 except W $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 34.

T.13N., R.03E. Humboldt Meridian: NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 3.



Map and description of CA-01-c taken from United States Fish and Wildlife Service 1:100,000 map; Happy Camp and Hoopa, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T. 11N., R.06E. Humboldt Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 30.

T. 11N., R.05E. Humboldt Meridian: W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 36.

Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T. 14N., R.05E. Humboldt Meridian: S $\frac{1}{2}$  Section 7; Section 18 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; W $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19; W $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 30; Section 31 except NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 32.

T. 14N., R.04E. Humboldt Meridian: SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12; Section 13 except W $\frac{1}{2}$  W $\frac{1}{2}$ , Sections 24-25; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 26; SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 35; Section 36.

T. 13N., R.05E. Humboldt Meridian: SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 5; Sections 6-7; Section 8 except NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 9; E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$

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SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 10; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; Section 16 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 17-21; Section 22 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 27; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 28; Section 29 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 30-31, Section 32 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 35; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 36.

T. 13N., R.04E. Humboldt Meridian: Section 1; Section 2 except NW $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 3; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 9; Section 10 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 11-15; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 16; SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 21; Sections 22-28; Section 29 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Section 30 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Sections 31-36.

T. 13N., R.03E. Humboldt Meridian: S $\frac{1}{2}$  Section 25; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 26; Section 35 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 36.

T. 12N., R.06E. Humboldt Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 6; SW $\frac{1}{4}$  Section 7; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 18; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19.

T. 12N., R.05E. Humboldt Meridian: Section 1; Section 2 except NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 3; Section 4 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Sections 5-11; Section 12 except S $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 13-23; Section 24 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 25 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 26-36.

T. 12N., R.04E. Humboldt Meridian: Sections 1-36.

T. 12N., R.03E. Humboldt Meridian: Sections 1-2; Section 3 except NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 10 except W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 11-14, Section 15 except W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; Section 23 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 24; Section 25 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 26.

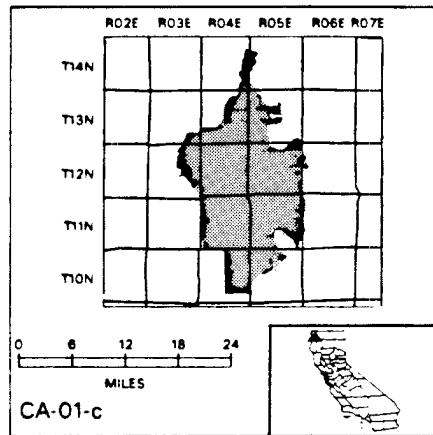
T. 11N., R.06E. Humboldt Meridian: SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , Section 6; W $\frac{1}{2}$  Section 7; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 18; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 19.

T. 11N., R.05E. Humboldt Meridian: Sections 1-25; Section 26 except SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; NE $\frac{1}{4}$  NE $\frac{1}{4}$ , Section 27; Section 28 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 29-32; Section 33 except NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ ; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 34.

T. 11N., R.04E. Humboldt Meridian: Sections 1-30, Section 31 except SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 32-36.

T. 10N., R.05E. Humboldt Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 2; Section 3 except NE $\frac{1}{4}$ , Sections 4-9, Section 10 except S $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 11; Section 16 except SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 17-18; Section 19 except SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 20; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 30.

T. 10N., R.04E. Humboldt Meridian: Sections 1-3; Sections 10-15; Sections 22-27.



Map and description of CA-01-d taken from United States Fish and Wildlife Service 1:100,000 map; Happy Camp California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.17N., R.03E. Humboldt Meridian: NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 24; E $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , Section 25; N $\frac{1}{2}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 36.

T.16N., R.03E. Humboldt Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 1; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 11; Section 12; Section 13 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 24; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 25; Section 36 except SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ .

T.15N., R.07E. Humboldt Meridian: SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 7.

T.15N., R.06E. Humboldt Meridian: NW $\frac{1}{4}$  Section 13.

T.15N., R.03E. Humboldt Meridian: E $\frac{1}{2}$  E $\frac{1}{2}$  Section 1; E $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 12.

T.14N., R.06E. Humboldt Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 4; Section 5; Section 8; SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 9; W $\frac{1}{2}$  Section 16; Section 17; N $\frac{1}{2}$  Section 20; Section 21 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 21.

**Description of Lands Using Protracted Public Land Survey Lines**

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.18N., R.04E. Humboldt Meridian: SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 33; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 35; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 36.

T.17N., R.06E. Humboldt Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 15; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 16; E $\frac{1}{2}$  Section 21; Section 22; Section 23 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 24; Section 26 except

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E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 27 except SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 28.

T.17N., R.05E. Humboldt Meridian: SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 4; Section 5 except N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 6 except NE $\frac{1}{4}$ ; Section 7 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 8 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 9.

T.17N., R.04E. Humboldt Meridian: Section 1 except SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 2 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 3 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Section 4; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 5; Section 8 except NW $\frac{1}{4}$ ; Sections 9-10; NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; NE $\frac{1}{4}$  Section 12; Sections 16-17; W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 20; SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 21; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 22; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 23; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 24; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 25; Section 26; Section 27 except SW $\frac{1}{4}$ ; NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 28; Section 29 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 32; Section 33; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 34; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35.

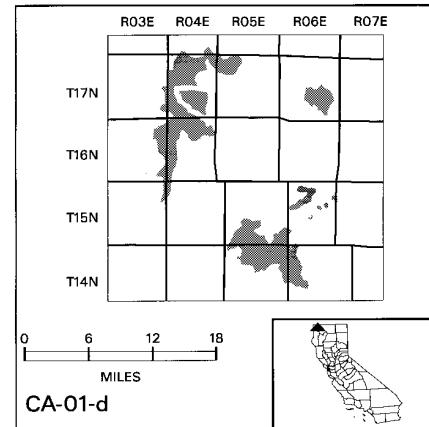
T.16N., R.04E. Humboldt Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 1; Section 2 except NE $\frac{1}{4}$ ; Sections 3-4; Section 5 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 8; W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; Section 10 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 11 except SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$  Section 12; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 17; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 20; Section 29 except SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ ; W $\frac{1}{2}$  Section 32.

T.15N., R.06E. Humboldt Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 2; S $\frac{1}{2}$  Section 3; N $\frac{1}{2}$ , E $\frac{1}{2}$  Section 4; SE $\frac{1}{4}$  Section 9; Section 10 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 11; NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 12; NW $\frac{1}{4}$  Section 13; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 14; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 15; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 16; NE $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 17; SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 29; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 30.

T.15N., R.05E. Humboldt Meridian: SE $\frac{1}{4}$  Section 20; S $\frac{1}{2}$  Section 21; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 22; S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 25; NW $\frac{1}{4}$  Section 27; Section 28 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 29; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 30; E $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 31; Sections 32-33; Section 34 except N $\frac{1}{2}$  N $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 34; E $\frac{1}{2}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 35; Section 36.

T.15N., R.04E. Humboldt Meridian: W $\frac{1}{2}$  Section 6; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 7.

T.14N., R.05E. Humboldt Meridian: Sections 1-4; E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 5; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 6; NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 8; Section 9 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 10; Section 11 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 12 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 13; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 15; NE $\frac{1}{4}$  Section 24.



Map and description of CA-01-e taken from United States Fish and Wildlife Service 1:100,000 map; Grants Pass, Oregon; Happy Camp, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.41S., R.07W. Willamette Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 6; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 7; SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 8; S $\frac{1}{2}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  Section 9; Section 16; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 17.

T.41S., R.08W. Willamette Meridian: Section 1 except SE $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 2 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 4; Section 9 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Section 11 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 12 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 13 except NE $\frac{1}{4}$ ; Sections 14-16; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 17.

T.19N., R.06E. Humboldt Meridian: E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31; Section 32 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 33.

T.19N., R.05E. Humboldt Meridian: Section 32 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 33; Section 34 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 35 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 36.

T.19N., R.04E. Humboldt Meridian: Sections 32-34; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35.

T.18N., R.05E. Humboldt Meridian: Section 5 except NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ ; SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 6; Section 7 except S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 16-17; SE $\frac{1}{4}$ , S $\frac{1}{2}$  N $\frac{1}{2}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 18; N $\frac{1}{2}$  Section 19.

T.18N., R.04E. Humboldt Meridian: W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 2; Section 3 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 4; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9.

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T.18N., R.03E. Humboldt Meridian: Section 1; SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 2; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; Section 11 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 12; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 14; E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 15; W $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 22; W $\frac{1}{2}$  Section 27; SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 28; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 32; Section 33; W $\frac{1}{2}$  Section 34.

T.17N., R.03E. Humboldt Meridian: NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 3; Section 4 except S $\frac{1}{2}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 5.

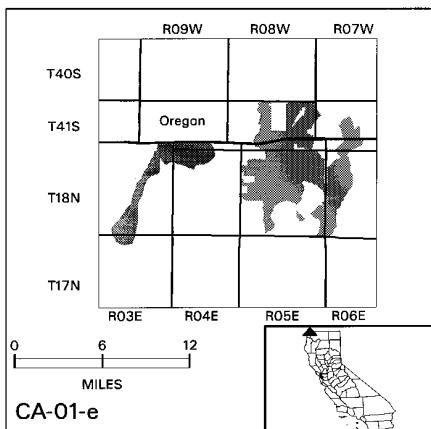
### Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.18N., R.06E. Humboldt Meridian: Section 5 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; E $\frac{1}{2}$  NE $\frac{1}{4}$ ; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 6; Section 7; Section 8 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 17 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 18-19; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 20; Section 30 except E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 31 except E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.18N., R.05E. Humboldt Meridian: Section 1 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 2-4; Sections 8-12; Section 13 except SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 14 except SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 15; Section 20 except SW $\frac{1}{4}$ ; Section 21 except S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 22 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 23; S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 24; Section 25 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 28; E $\frac{1}{2}$  Section 29; E $\frac{1}{2}$  Section 32; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 33; E $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 36.

T.18N., R.04E. Humboldt Meridian: Section 5; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 8.



Map and description of CA-02-a taken from United States Fish and Wildlife Service 1:100,000 map; Crescent City, California; 1995.

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Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.14N., R.01E. Humboldt Meridian: S $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 21; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 22; NW $\frac{1}{4}$ , NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 27; Section 28 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ .

T.17N., R.01E. Humboldt Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 21; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 28; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 29.

Critical Habitat includes only State lands described within the following areas:

T.14N., R.01W. Humboldt Meridian: Section 1 above Mean High Water (MHW).

T.14N., R.01E. Humboldt Meridian: W $\frac{1}{2}$  Section 6; W $\frac{1}{2}$  Section 7; Sections 18-19 above MHW.

T.15N., R.01E. Humboldt Meridian: S $\frac{1}{2}$  Section 7; W $\frac{1}{2}$  Section 8; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 17; Sections 18-19; W $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 30; W $\frac{1}{2}$  Section 31.

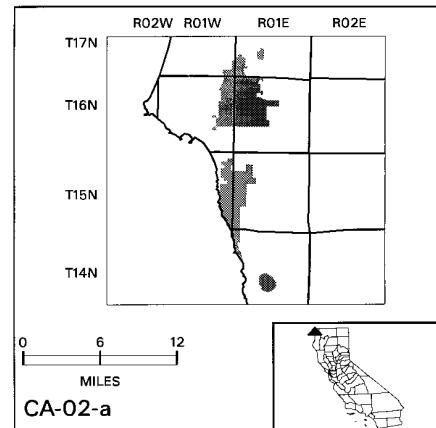
T.15N., R.01W. Humboldt Meridian: SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 1; Section 12 except W $\frac{1}{2}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$ , NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 13; Section 23 above MHW, Section 24, Sections 25-26 above MHW; Section 36 above MHW.

T.16N., R.01E. Humboldt Meridian: NW $\frac{1}{4}$  Section 4; Sections 5-7; Section 8 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; SW $\frac{1}{4}$  NW $\frac{1}{4}$  NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 9; NW $\frac{1}{4}$  Section 15; W $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 16; Sections 17-20; W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 21.

T.16N., R.01W. Humboldt Meridian: Section 1; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 11; Sections 12-13; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 14; SE $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 23; Section 24.

T.17N., R.01E. Humboldt Meridian: SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 30, Section 31 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.17N., R.01W. Humboldt Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 25; S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 36.



Map and description of CA-02-b taken from United States Fish and Wildlife Service

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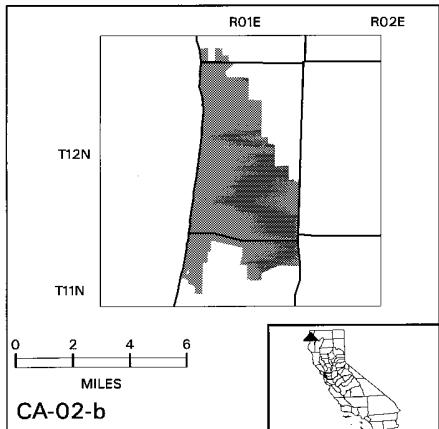
1:100,000 map; Orick and Hoopa, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.11N., R.01E. Humboldt Meridian: Sections 1-2 N $\frac{1}{2}$  N $\frac{1}{2}$  Section 3; Section 4 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 9 except E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 11; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 12.

T.12N., R.01E. Humboldt Meridian: W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 3; Section 4 above MHW; Section 9 above MHW; Section 10 except SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 11; W $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 14; Section 15; Section 16 above MHW; Section 21 above MHW; Sections 22-23; SW $\frac{1}{4}$  Section 24; Sections 25-27; Section 28 above MHW; Section 33 above MHW; Section 34-36.

T.13N., R.01E. Humboldt Meridian: SW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 33; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 34.



Map and description of CA-02-b taken from United States Fish and Wildlife Service 1:100,000 map; Orick, California; 1995.

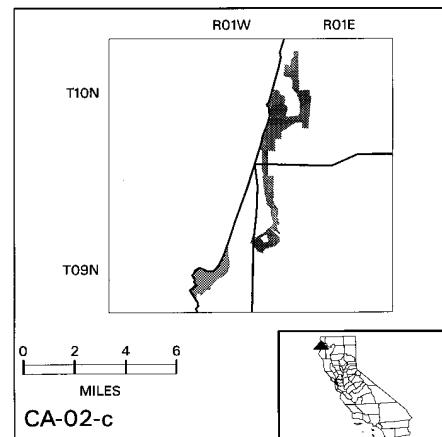
Critical Habitat includes only State lands described within the following areas:

T.09N., R.01W. Humboldt Meridian: Section 23 above Mean High Water (MHW); Section 26 except SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 27 above MHW; NE $\frac{1}{4}$  Section 34; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 35.

T.09N., R.01E. Humboldt Meridian: E $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 6; W $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 7; E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 18.

T.10N., R.01E. Humboldt Meridian: SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 8; W $\frac{1}{2}$  Section 17;

Section 19 above MHW; E $\frac{1}{2}$  W $\frac{1}{2}$  W $\frac{1}{2}$  Section 20; Section 29 except SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 30 above MHW; W $\frac{1}{2}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 31.



Map and description of CA-03-a taken from United States Fish and Wildlife Service 1:100,000 map; Eureka and Hayfork, California; 1995.

Critical Habitat includes only Private lands described within the following areas:

T.02N., R.01E. Humboldt Meridian: Section 1-3; N $\frac{1}{2}$  Section 10; Section 11-12.

T.02N., R.02E. Humboldt Meridian: Section 3; W $\frac{1}{2}$  Section 4; Section 5-6; N $\frac{1}{2}$  Section 7; N $\frac{1}{2}$  Section 8; Section 9-11; Section 14; Section 15 except SW $\frac{1}{4}$ ; N $\frac{1}{2}$  Section 16; N $\frac{1}{2}$  Section 22; N $\frac{1}{2}$  Section 23.

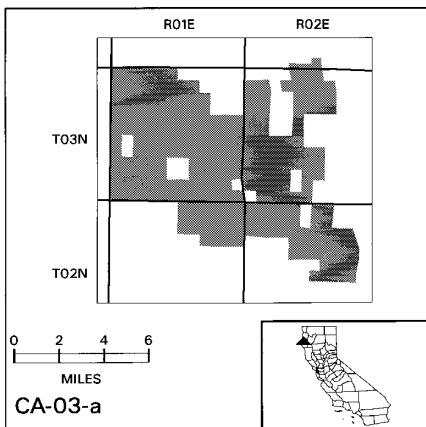
T.03N., R.01E. Humboldt Meridian: S $\frac{1}{2}$  Section 3; Section 4-10; W $\frac{1}{2}$  Section 11; Section 13-18; W $\frac{1}{2}$  Section 19; Section 20-26; E $\frac{1}{2}$  Section 27; W $\frac{1}{2}$  Section 28; Section 29-35; Section 36 except NE $\frac{1}{4}$ .

T.03N., R.02E. Humboldt Meridian: Section 3 except NE $\frac{1}{4}$ ; Section 4; SE $\frac{1}{4}$  Section 5; S $\frac{1}{2}$  Section 6; Section 7; Section 9; Section 10; W $\frac{1}{2}$  Section 16; Section 18-20; Section 21 except NE $\frac{1}{4}$ ; SW $\frac{1}{4}$  Section 22; W $\frac{1}{2}$  Section 27; Section 28 except SW $\frac{1}{4}$ ; Section 29-30; Section 31 except SW $\frac{1}{4}$ ; Section 32; Section 33 except NW $\frac{1}{4}$ .

T.04N., R.02E. Humboldt Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$  Section 33; SW $\frac{1}{4}$  Section 34.

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Map and description of CA-04-a taken from United States Fish and Wildlife Service 1:100,000 map; Cape Mendocino and Garberville, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.01N., R.01E. Humboldt Meridian: SW $\frac{1}{4}$  Section 23; S $\frac{1}{2}$  Section 24; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  N $\frac{1}{2}$  Section 25; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 26.

T.01N., R.02E. Humboldt Meridian: E $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 11; NW $\frac{1}{4}$  Section 12; S $\frac{1}{2}$  Section 19; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 29; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 30; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 32.

T.01S., R.01E. Humboldt Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$  Section 13; S $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 14; E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 15; E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; Sections 23-27; Section 28 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 33 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ ; Sections 34-36.

T.01S., R.02E. Humboldt Meridian: S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 3; Section 4 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 10; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; W $\frac{1}{2}$  Section 14; SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 15; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 16; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 17; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 18; Sections 19-22; W $\frac{1}{2}$  Section 23; W $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 26; Sections 27-34; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 35.

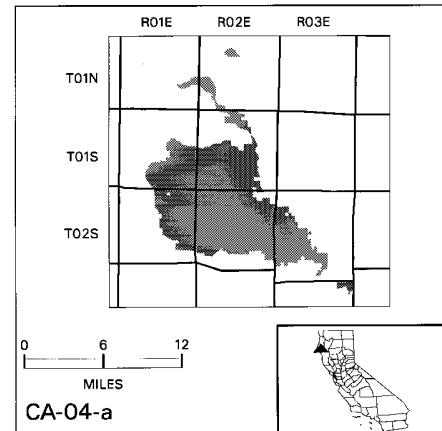
T.02S., R.01E. Humboldt Meridian: Sections 1-3; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 4; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 9; Sections 10-14; Section 15 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 22 except SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 23-25; Section 26 except, SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ .

T.02S., R.02E. Humboldt Meridian: SW $\frac{1}{4}$  Section 1; Section 2 except NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 3-24; Section 25 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  Section 26; Section 27 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; Section 28 except S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 29 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 30 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 36.

T.02S., R.03E. Humboldt Meridian: Section 7 except N $\frac{1}{2}$ ; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 8; Section 17 except NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 18-20; Section 21 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 27; Section 28 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 29 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 30 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 31 except S $\frac{1}{2}$  S $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 32 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 33; E $\frac{1}{2}$ , NW $\frac{1}{4}$  Section 34; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 35.

T.03S., R.03E. Humboldt Meridian: NW $\frac{1}{4}$  Section 3; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 11; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 12; SE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 13.

T.03S., R.04E. Humboldt Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 18; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 30.



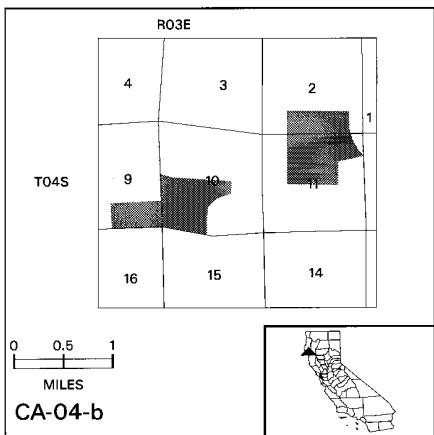
Map and description of CA-04-b taken from United States Fish and Wildlife Service 1:100,000 map; Garberville, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.04S., R.03E. Humboldt Meridian: SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 2; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 9; SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; E $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 11.

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Map and description of CA-05-a taken from United States Fish and Wildlife Service 1:100,000 map; Cape Mendocino, Garberville and Covelo, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.02S., R.02E. Humboldt Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 32.

T.03S., R.02W. Humboldt Meridian: SE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 12; Sections 13-14; Section 15-16 East of Mean High Water (MHW); Section 22-23 East of MHW; Section 24 except SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 26 East of MHW.

T.03S., R.01W. Humboldt Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 9; NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 11; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 12; Sections 13-18; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 19; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , Section 20; Sections 21-26; N $\frac{1}{2}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 27; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 28; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 35; N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 36.

T.03S., R.01E. Humboldt Meridian: N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 12; N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 18; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 19; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 24; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 29; Section 30 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 31; W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 32.

T.03S., R.02E. Humboldt Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 5; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 6; Section 7 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 8; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 9; E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 18; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 19; SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 20; NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 22; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 28; NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 30.

T.04S., R.01W. Humboldt Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$ , Section 1; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2; SE $\frac{1}{4}$  SE $\frac{1}{4}$

Section 10; S $\frac{1}{2}$ , NE $\frac{1}{4}$  Section 11; N $\frac{1}{2}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 12; Section 14 east of MHW.

T.04S., R.01E. Humboldt Meridian: SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 4; Section 5; Section 6 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 7; N $\frac{1}{2}$  Section 8; Section 9 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 10; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 11; Section 15; Section 16 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 20; E $\frac{1}{2}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 21; Sections 22-23; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 24; W $\frac{1}{2}$  Section 25; Section 26-27; Section 28 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; N $\frac{1}{2}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 29; N $\frac{1}{2}$  N $\frac{1}{2}$  Section 33; E $\frac{1}{2}$  Section 34; Section 35; W $\frac{1}{2}$  Section 36.

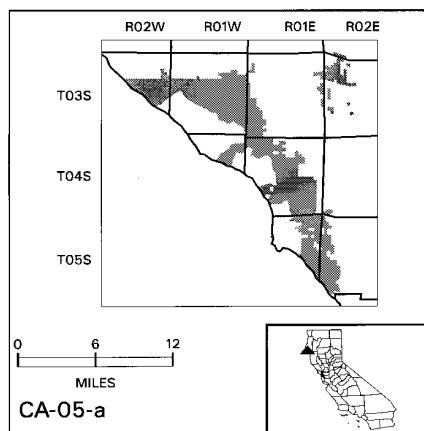
T.04S., R.02E. Humboldt Meridian: S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31.

T.05S., R.01E. Humboldt Meridian: Section 1; Section 2 except N $\frac{1}{2}$  SW $\frac{1}{4}$ ; E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 3; NE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 11; Section 12 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 13 except W $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$  Section 14; Section 23 East of MHW; Section 24; Section 25 East of MHW.

**Description of Lands Using Protracted Public Land Survey Lines**

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.05S., R.02E. Humboldt Meridian: Western  $\frac{1}{2}$  of the Western  $\frac{1}{2}$  of the Township T.05S., R.02E.



Map and description of CA-05-b taken from United States Fish and Wildlife Service 1:100,000 map; Covelo, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.24N., R.19W. Mt. Diablo Meridian: W $\frac{1}{2}$  W $\frac{1}{2}$  Section 2; Section 3 except E $\frac{1}{2}$  NW $\frac{1}{4}$ ; Section 4 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 5; Section 9 above MHW; Section 10; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; W $\frac{1}{2}$  Section 14; Section 15 above MHW; Section 22 above MHW; Section

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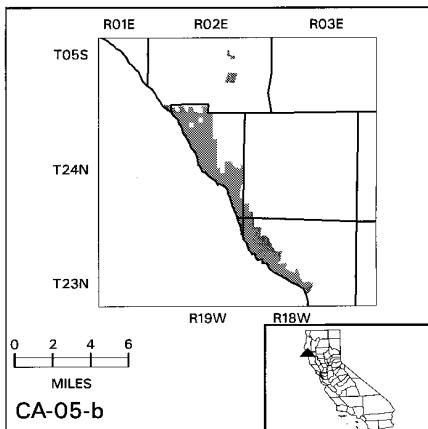
23 except NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 24 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 25 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 26 above MHW; Section 36 above MHW.

T.24N., R.18W. Mt. Diablo Meridian: SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 31.

T.23N., R.19W. Mt. Diablo Meridian: Section 1 above MHW.

T.23N., R.18W. Mt. Diablo Meridian: Section 5; Section 6 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 7 above MHW; Section 8 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 15; Section 16 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , Section 21 above MHW; N $\frac{1}{2}$  Section 22.

T.05S., R.02E. Humboldt Meridian: NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 22; NE $\frac{1}{4}$  Section 27.



Map and description of CA-06-a taken from United States Fish and Wildlife Service 1:100,000 map; Garberville and Covelo, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.05S., R.03E. Humboldt Meridian: SE $\frac{1}{4}$  Section 10; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; Section 13 except NE $\frac{1}{4}$ ; Section 14 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 15 except SW $\frac{1}{4}$ ; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 24.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.24N., R.15W. Mt. Diablo Meridian: SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 4; Section 5 except W $\frac{1}{2}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 6.

T.24N., R.16W. Mt. Diablo Meridian: N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 3; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , Section 5; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , Section 6; W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 7; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 9; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 10.

T.24N., R.17W. Mt. Diablo Meridian: Section 1 except S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 2 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  N $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 3;

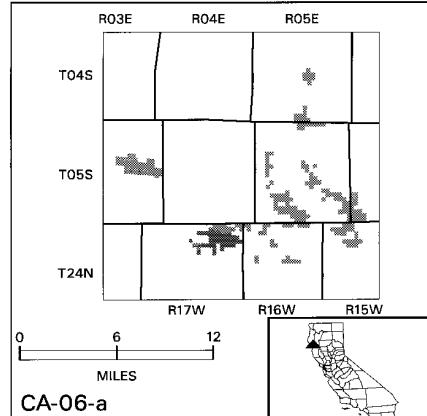
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SE $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 10; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 11.

T.05S., R.05E. Humboldt Meridian: N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 2; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 3; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 4; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 7; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 8; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 15; NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 17; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 18; NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 19; NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 20; W $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 23; S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 25; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 26; W $\frac{1}{2}$  W $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 28; S $\frac{1}{2}$  N $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 29; NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 32; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 33; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 34; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 36.

T.05S., R.06E. Humboldt Meridian: S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 30; Section 31 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ .

T.04S., R.05E. Humboldt Meridian: SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 15; NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 22; SE $\frac{1}{4}$  Section 33; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 34.



Map and description of CA-06-b taken from United States Fish and Wildlife Service 1:100,000 map; Covelo, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.21N., R.15W. Mt. Diablo Meridian: W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 5; Sections 6-7; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  S $\frac{1}{2}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 8; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; Section 18.

T.21N., R.16W. Mt. Diablo Meridian: Section 1; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 11; Section 12 except NW $\frac{1}{4}$  SW $\frac{1}{4}$  and S $\frac{1}{2}$  SW $\frac{1}{4}$ ; NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 13.

T.22N., R.14W. Mt. Diablo Meridian: NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 6; Section 7; Section 18 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 20;

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SW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 21; E $\frac{1}{2}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 28; NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 29; S $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 32.

T.22N., R.15W. Mt. Diablo Meridian: SW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  Section 1; N $\frac{1}{2}$  Section 12; E $\frac{1}{2}$  Section 13; NE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 19; NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 24; SW $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 30; SW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 31.

T.22N., R.16W. Mt. Diablo Meridian: SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  W $\frac{1}{2}$  Section 3; Section 4; Section 5 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; E $\frac{1}{2}$  E $\frac{1}{2}$  W $\frac{1}{2}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 6; E $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 7; N $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 8; Section 9 except N $\frac{1}{2}$  NW $\frac{1}{4}$  and SE $\frac{1}{4}$  NW $\frac{1}{4}$ ; SW $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 10; W $\frac{1}{2}$  Section 17; Section 18 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 19; NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 20; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 21; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 22; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23; Section 26; Section 27 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; SE $\frac{1}{4}$  Section 34; Section 35.

T.22N., R.17W. Mt. Diablo Meridian: NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 12; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 13; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 24.

T.23N., R.16W. Mt. Diablo Meridian: W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 3; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; SE $\frac{1}{4}$  SW $\frac{1}{4}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 5; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 6; Section 7 except NW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 8; W $\frac{1}{2}$  Section 17; Section 18 except, N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; S $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 19; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 20; NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 28; Section 29; Section 30 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 31 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 32 except SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 33 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 34.

T.23N., R.17W. Mt. Diablo Meridian: Section 1 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2.

T.24N., R.16W. Mt. Diablo Meridian: SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 17; W $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 18; Section 19 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; W $\frac{1}{2}$  NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 20; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 27; Section 28 except N $\frac{1}{2}$  N $\frac{1}{2}$  and SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 29 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ ; Section 30 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 31; Section 32 except SE $\frac{1}{4}$  NE $\frac{1}{4}$  and E $\frac{1}{2}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 33; NW $\frac{1}{4}$  Section 36.

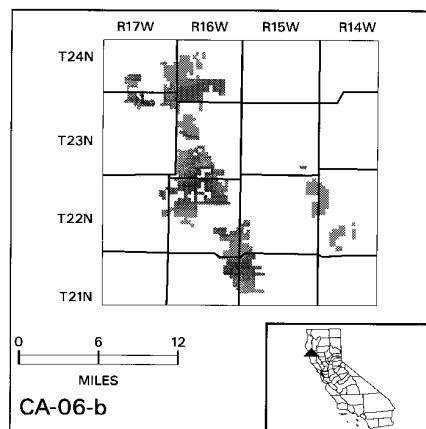
T.24N., R.17W. Mt. Diablo Meridian: NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 23; Section 24 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; E $\frac{1}{2}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 25, N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 26, Section 36.

Critical Habitat includes only State lands described within the following areas:

T.21N., R.16W. Mt. Diablo Meridian: SW $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 26.

T.23N., R.17W. Mt. Diablo Meridian: N $\frac{1}{2}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$  Section 2; Section 3 except NE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4.

T.24N., R.17W. Mt. Diablo Meridian: Section 28 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$  Section 27; W $\frac{1}{2}$  Section 33; SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 34.



Map and description of CA-07-a taken from United States Fish and Wildlife Service 1:100,000 map; Ukiah, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.17N., R.14W. Mt. Diablo Meridian: W $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 6; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 7.

T.17N., R.15W. Mt. Diablo Meridian: W $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 2; Sections 3-8; Section 9 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 10 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; Section 11; Section 12 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 14; Section 18 except SE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ .

T.17N., R.16W. Mt. Diablo Meridian: N $\frac{1}{2}$  N $\frac{1}{2}$  Section 1; Section 3 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Sections 4-6; NE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 7; N $\frac{1}{2}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 8; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 9; Section 10 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ ; Section 18 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 30.

T.17N., R.17W. Mt. Diablo Meridian: Sections 1-3; NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 4; NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  Section 5; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 6; Section 8 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 9-15; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 16; S $\frac{1}{2}$  Section 17; S $\frac{1}{2}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 18; NW $\frac{1}{4}$  Section 19; N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 20; Section 21 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 22 except E $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 23 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 24; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 26; Section 27 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 28 except NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ .

T.17N., R.18W. Mt. Diablo Meridian: SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 13.

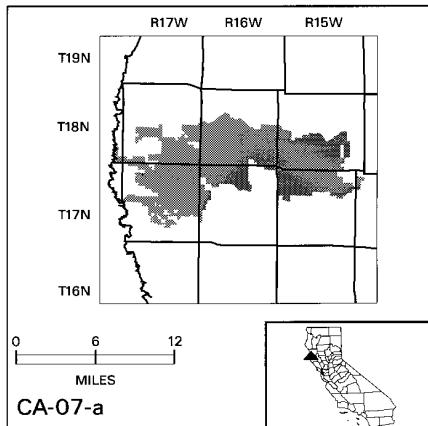
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T.18N., R.15W. Mt. Diablo Meridian: SW $\frac{1}{4}$  Section 18; Section 19; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 20; Section 21; Section 22 except NE $\frac{1}{4}$ ; Section 23 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 24; W $\frac{1}{2}$  Section 25; Section 26 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; Sections 27-34; Section 35 except NE $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.18N., R.16W. Mt. Diablo Meridian: S $\frac{1}{2}$  Section 13; SE $\frac{1}{4}$  Section 14; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 15; S $\frac{1}{2}$  N $\frac{1}{2}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 16; Section 17 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; S $\frac{1}{2}$  Section 18; Sections 19-33; Section 34 except E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 35 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 36.

T.18N., R.17W. Mt. Diablo Meridian: Section 20 except N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 21 except NW $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ ; NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23; Section 24; Section 25 except S $\frac{1}{2}$  S $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 26 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 27; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 28; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 29; NW $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  S $\frac{1}{2}$  Section 31; S $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  Section 32; S $\frac{1}{2}$  N $\frac{1}{2}$ , N $\frac{1}{2}$  S $\frac{1}{2}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 33; Sections 34-36.

T.18N., R.18W. Mt. Diablo Meridian: SW $\frac{1}{4}$  Section 25; W $\frac{1}{2}$ , SE $\frac{1}{4}$  Section 36.

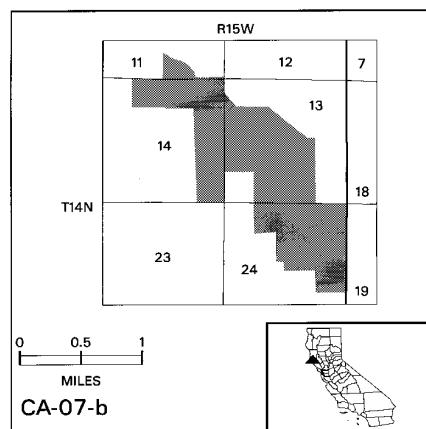


Map and description of CA-07-b taken from United States Fish and Wildlife Service 1:100,000 map; Ukiah, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.14N., R.15W. Mt. Diablo Meridian: E $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 11; Section 13 except E $\frac{1}{2}$  E $\frac{1}{2}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; E $\frac{1}{2}$  E $\frac{1}{2}$ , NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 14; NE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 24.

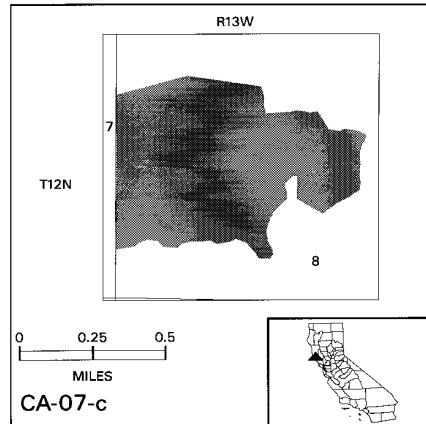
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Map and description of CA-07-c taken from United States Fish and Wildlife Service 1:100,000 map; Point Arena, California; 1995.

Critical Habitat includes only State lands described within the following areas:

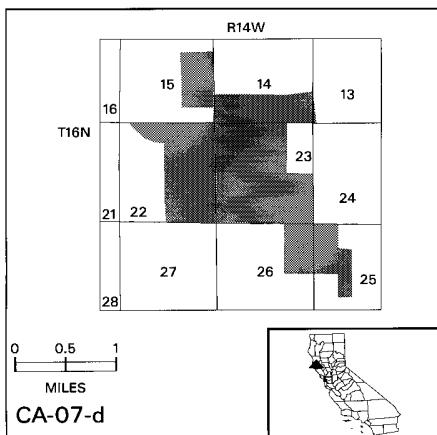
T.12N., R.13W. Mt. Diablo Meridian: S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 8.



Map and description of CA-07-d taken from United States Fish and Wildlife Service 1:100,000 map; Ukiah, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.16N., R.14W. Mt. Diablo Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$  Section 14; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 15; E $\frac{1}{2}$  Section 22; Section 23 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; W $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 25; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 26.



Map and description of CA-08-a taken from United States Fish and Wildlife Service 1:100,000 map; Point Arena, California; 1995.

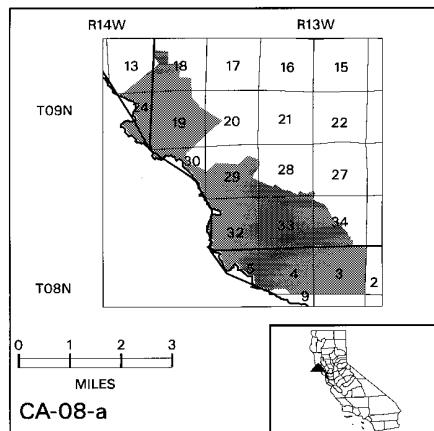
Critical Habitat includes only State lands described within areas bounded by the following descriptions:

(a) starting at Station H-34 on the easterly line of the German Rancho, South 33° 50' West for 3,200 feet, South 86° 20' West for 1,927 feet, North 53° West for 1,372 feet, North 37° West for 1,550.5 feet, North 48° East for 1,720 feet, South 86° 45' East for 2,203.5 feet, North 55° East for 1,110.1 feet, South 8° 50' East for 653 feet; and (b) starting at the westernmost point of Kruse Rhododendron State Reserve proceeding North 48° East along the Kruse Rhododendron State Reserve boundary to the intersection with Kruse Ranch Road, west on Kruse Ranch Road to the intersection with State Highway 1, north on State Highway 1 to Cannon Gulch, northeast along Cannon Gulch to the Rancho de German Spanish Land Grant boundary, northwest along the Rancho de German Spanish Land Grant boundary to the western edge of Range 13 West, South 29° 30' from this point to Mean High Water (MHW), southwest along the shoreline at MHW to the south boundary of the Rancho de German Spanish Land Grant, east along the Spanish Land Grant boundary to the southeast corner of the land grant, north on the eastern boundary of the land grant to the eastern corner of the Kruse Rhododendron State Reserve, south along the Kruse Rhododendron State Reserve

boundary to the westernmost point of the reserve.

Critical Habitat includes only State lands described within the following areas:

T.09N., R.13W. Mt. Diablo Meridian: SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 18; NW $\frac{1}{4}$  Section 19.



Map and description of CA-08-b taken from United States Fish and Wildlife Service 1:100,000 map; Point Arena and Healdsburg, California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.08N., R.10W. Mt. Diablo Meridian: NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 5; Section 6 except N $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 7 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 8; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 17; Section 18 except W $\frac{1}{2}$  SW $\frac{1}{4}$ .

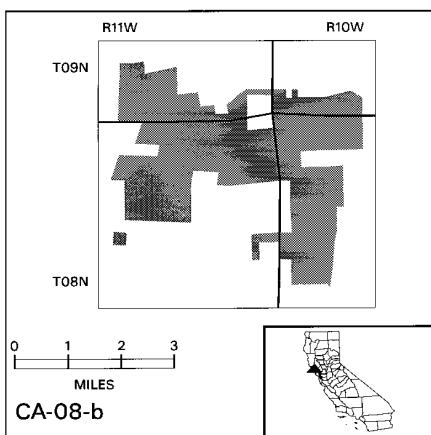
T.08N., R.11W. Mt. Diablo Meridian: Section 1 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 2 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 3 except S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ ; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 10; NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 11; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 15.

T.09N., R.11W. Mt. Diablo Meridian: SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 27; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 28; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 33; Section 34; SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 35.

T.09N., R.10W. Mt. Diablo Meridian: SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 31; SW $\frac{1}{4}$  Section 32.

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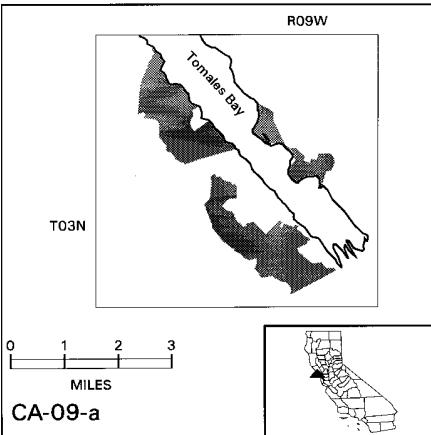
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Map and description of CA-09-a taken from United States Fish and Wildlife Service 1:100,000 map; Napa, California; 1995.

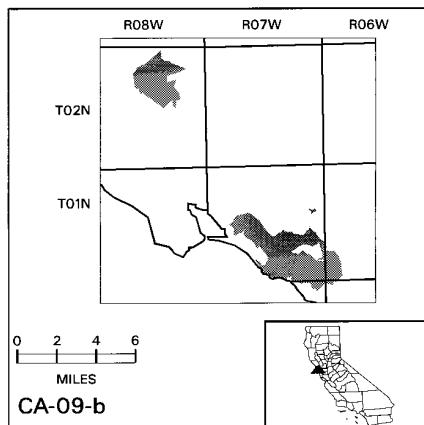
Critical Habitat includes only State lands bounded by the following descriptions:

- (a) on the west by Point Reyes National Seashore, on the east by the shoreline of Tomales Bay at Mean High Water (MHW), on the south by a line beginning at the intersection of Pierce Point Road with Sir Francis Drake Highway proceeding North  $75^{\circ} 07' 03''$  East for 4,734.31 feet to the shoreline of Tomales Bay at MHW; (b) on the east and north by Sir Francis Highway, on the west by Point Reyes National Seashore, on the south by the southern boundary of the Punta De Los Reyes (Randall) Spanish Land Grant; (c) State lands within the Nicasio (Halleck) Spanish Land Grant west of State Highway 1 and east of the shoreline of Tomales Bay at MHW; and (d) State lands within the Nicasio (Frink and Reynolds) Spanish Land Grant.



Map and description of CA-09-b taken from United States Fish and Wildlife Service 1:100,000 map; Napa and San Francisco, California; 1995.

Critical Habitat includes only State lands bounded by the following descriptions: (a) portions of Ranchos Nicasio, San Geronimo, and Tomales Y Baulines Spanish Land Grants bounded on the north, west, and south by Golden Gate National Recreation Area and on the east by a line  $122^{\circ} 41' 33''$  West; and (b) portions of Ranchos Tomales Y Bolinas, Las Baulines, and Sausalito Spanish Land Grants bounded by a line starting at the intersection of the Rancho Las Baulines Spanish Land Grant boundary line with McKinnan Gulch, west along McKinnan Gulch to the Pacific Ocean, south east along the Pacific Ocean at Mean High Water (MHW) to the intersection with Cold Stream, east along Cold Stream to the intersection with State Highway 1, south on State Highway 1 to the intersection with the south end of the Panoramic Highway, following the Panoramic Highway to the intersection with Rattlesnake Creek, north along Rattlesnake Creek to the intersection with the Rancho Sausalito Spanish Land Grant line, southwest along the Spanish Land Grant boundary to the intersection with the Rancho Las Baulines Spanish Land Grant line, north along the Rancho Las Baulines Spanish Land Grant boundary to the intersection with McKinnan Gulch.



Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.17N., R.07E. Humboldt Meridian: Section 1; Section 2 except NW $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ ; N $\frac{1}{2}$  Section 3; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; NE $\frac{1}{4}$  SW $\frac{1}{4}$ ,

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E $\frac{1}{2}$  Section 11; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 12; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 13; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 14.

T.17N., R.08E. Humboldt Meridian: Section 6 except E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.18N., R.07E. Humboldt Meridian: Section 30 except NW $\frac{1}{4}$ ; NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , Section 31; N $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 32; Section 36.

T.18N., R.08E. Humboldt Meridian: Section 31 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ .

T.41S., R.06W. Willamette Meridian: Section 4 except N $\frac{1}{2}$  NE $\frac{1}{4}$ ; Section 5 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ ; SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 6; Sections 7-8; Section 9 except N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 10; S $\frac{1}{2}$ , NW $\frac{1}{4}$  Section 16; Sections 17-18.

T.41S., R.07W. Willamette Meridian: Section 10 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 11 except NW $\frac{1}{4}$ ; Section 12 except NE $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ ; Sections 13-15.

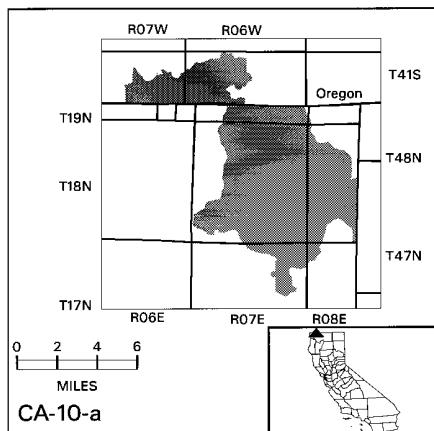
### Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.18N., R.07E. Humboldt Meridian: Section 1-4; E $\frac{1}{2}$  Section 5; NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 8; Sections 9-16; E $\frac{1}{2}$  Section 17; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 19; E $\frac{1}{2}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 20; Sections 21-29; E $\frac{1}{2}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 33; Sections 34-35.

T.18N., R.08E. Humboldt Meridian: SW $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 6; Section 7; Section 8 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ ; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 9; W $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 16; Sections 17-21; Section 28; Section 29 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 30; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 32; N $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  Section 33.

T.19N., R.07E. Humboldt Meridian: E $\frac{1}{2}$  Section 32; Sections 33-36.



Map and description of CA-11-a taken from United States Fish and Wildlife Service 1:100,000 map; Hoopa and Hayfork, California; 1995.

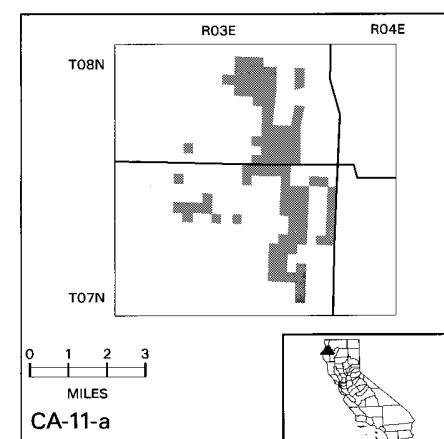
Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.07N., R.03E. Humboldt Meridian: E $\frac{1}{2}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 1; E $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 2; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 3; SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4; SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 5; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8; W $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 10; E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 11; W $\frac{1}{2}$  W $\frac{1}{2}$ , E $\frac{1}{2}$  E $\frac{1}{2}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 12; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 13; E $\frac{1}{2}$  W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$ , NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 24.

### Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.08N., R.03E. Humboldt Meridian: SE $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 22; SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 23; W $\frac{1}{2}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 26; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 27; NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 33; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 34; Section 35.



Map and description of CA-11-b taken from United States Fish and Wildlife Service 1:100,000 map; Hayfork, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.03N., R.02E. Humboldt Meridian: SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  N $\frac{1}{2}$  Section 1; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 2.

T.03N., R.03E. Humboldt Meridian: N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , Section 6.

T.03N., R.04E. Humboldt Meridian: W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 1; Section 2 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; E $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 3;

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W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 5; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 6.

T.03N., R.05E. Humboldt Meridian: NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 6; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 7; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 18.

T.04N., R.02E. Humboldt Meridian: S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 25.

T.04N., R.03E. Humboldt Meridian: S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 31.

T.04N., R.04E. Humboldt Meridian: NE $\frac{1}{4}$  Section 1; E $\frac{1}{2}$  E $\frac{1}{2}$  Section 12; S $\frac{1}{2}$  Section 25; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 26; S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 27; N $\frac{1}{2}$ , S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 28; SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 29; S $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 30; W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 31; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 32; N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 33; Section 34 except N $\frac{1}{2}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 35 except N $\frac{1}{2}$  N $\frac{1}{2}$ .

T.04N., R.05E. Humboldt Meridian: Sections 1-7; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 8; Sections 9-12; Section 13 except E $\frac{1}{2}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 14; Section 15 except W $\frac{1}{2}$  NW $\frac{1}{4}$  and SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 16; NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 17; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 18; Section 19 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Section 20; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 21; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 22; Section 23; Section 24 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 25; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 26; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 28; Section 29 except S $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 30; Section 31 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 32.

T.04N., R.06E. Humboldt Meridian: W $\frac{1}{2}$  W $\frac{1}{2}$  Section 6; W $\frac{1}{2}$  Section 7.

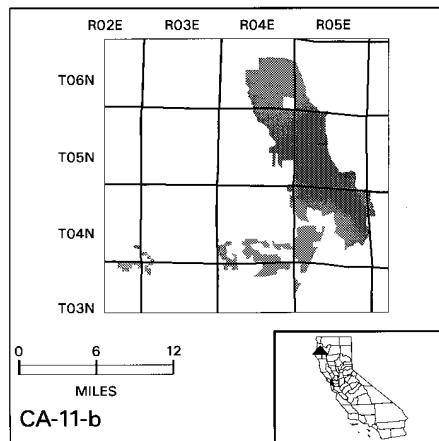
T.05N., R.04E. Humboldt Meridian: Sections 1-3; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 4; NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  E $\frac{1}{2}$  Section 10; Sections 11-13; Section 14 except SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 23 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ ; Section 24; N $\frac{1}{2}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 25; E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 26.

T.05N., R.05E. Humboldt Meridian: Section 4 except E $\frac{1}{2}$ ; Sections 5-8; Section 9 except E $\frac{1}{2}$ ; Section 16 except E $\frac{1}{2}$  E $\frac{1}{2}$ ; Sections 17-20; Section 21 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 22; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 25; S $\frac{1}{2}$  Section 26; Section 27 except NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ ; Sections 28-35; W $\frac{1}{2}$  W $\frac{1}{2}$ , S $\frac{1}{2}$  S $\frac{1}{2}$  Section 36.

T.06N., R.04E. Humboldt Meridian: Sections 13-15; Sections 21-27; Section 28 except SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 33 except W $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ ; Sections 34-35.

T.06N., R.05E. Humboldt Meridian: W $\frac{1}{2}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 18; Section 19 except E $\frac{1}{2}$  NE $\frac{1}{4}$ ; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 29; Sections 30-31; Section 32 except NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$ .

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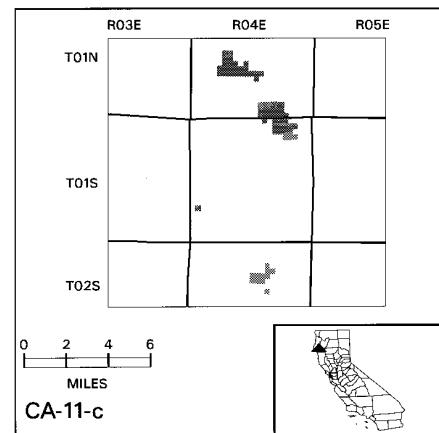
Map and description of CA-11-c taken from United States Fish and Wildlife Service 1:100,000 map; Garberville, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.02S., R.04E. Humboldt Meridian: E $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 10; SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 11; SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 15.

T.01S., R.04E. Humboldt Meridian: SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 1; Section 2 except NE $\frac{1}{4}$  NE $\frac{1}{4}$  and S $\frac{1}{2}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 3; SE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 30.

T.01N., R.04E. Humboldt Meridian: S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; E $\frac{1}{2}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 20; SW $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 21; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 22; SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 23; NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 27; S $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 34; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 35.



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Map and description of CA-11-d taken from United States Fish and Wildlife Service 1:100,000 map; Hoopa and Hayfork, California; 1995.

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.07N., R.05E. Humboldt Meridian: N $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8; NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  NW $\frac{1}{4}$  Section 9; Section 24 except W $\frac{1}{2}$  W $\frac{1}{2}$ , NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 25; SW $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 34.

### Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only Federal lands designated as Late Successional Reserves described within the following areas:

T.06N., R.06E. Humboldt Meridian: W $\frac{1}{2}$  W $\frac{1}{2}$  Section 1; Sections 2-3; Section 4 except W $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 9; SE $\frac{1}{4}$ , N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 10; Section 11 except E $\frac{1}{2}$  E $\frac{1}{2}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 14; NE $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 15.

T.07N., R.05E. Humboldt Meridian: Sections 1-3; Section 4 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; E $\frac{1}{2}$ , Section 5; Sections 10-13; N $\frac{1}{2}$  N $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 14.

T.07N., R.06E. Humboldt Meridian: W $\frac{1}{2}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 2; Section 3 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 4-8; NW $\frac{1}{4}$ , S $\frac{1}{2}$  Section 9; SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 10; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 11; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 12; Section 13 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 14-23; Section 24 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 25 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Sections 26-30; E $\frac{1}{2}$  E $\frac{1}{2}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 31; Section 32 except SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Sections 33-35; W $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  Section 36.

T.07N., R.07E. Humboldt Meridian: SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 6; SW $\frac{1}{4}$ , NW $\frac{1}{4}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$  Section 7.

T.08N., R.05E. Humboldt Meridian: E $\frac{1}{2}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 1; E $\frac{1}{2}$  E $\frac{1}{2}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 12; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 13; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 25; SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 33; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  Section 34; S $\frac{1}{2}$ , S $\frac{1}{2}$  N $\frac{1}{2}$  Section 35; Section 36 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ .

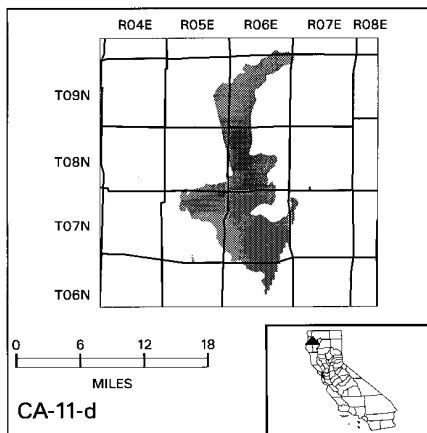
T.08N., R.06E. Humboldt Meridian: W $\frac{1}{2}$  W $\frac{1}{2}$  Section 4; Sections 5-8; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 9; S $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 14; SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 15; S $\frac{1}{2}$  Section 16; Sections 17-18; Section 19 except W $\frac{1}{2}$  W $\frac{1}{2}$ ; Sections 20-22; W $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 23; Sections 27-29; Section 30 except W $\frac{1}{2}$  NW $\frac{1}{4}$ ; Sections 31-34; W $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  Section 35.

T.09N., R.05E. Humboldt Meridian: Section 12; Section 13; E $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 14; E $\frac{1}{2}$  E $\frac{1}{2}$ , W $\frac{1}{2}$  NE $\frac{1}{4}$ , Sections 23-25; E $\frac{1}{2}$  NE $\frac{1}{4}$  Section 26; Section 36 except SW $\frac{1}{4}$ .

T.09N., R.06E. Humboldt Meridian: N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 1; Section 2 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 3 except N $\frac{1}{2}$  NW $\frac{1}{4}$ ; N $\frac{1}{2}$  Section 4;

SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 5; SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$  Section 7; Sections 8-9; N $\frac{1}{2}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  Section 10; Section 16 except SE $\frac{1}{4}$ ; Sections 17-20; W $\frac{1}{2}$  E $\frac{1}{2}$ , W $\frac{1}{2}$  Section 21; NW $\frac{1}{4}$ , W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 28; Sections 29-32; W $\frac{1}{2}$  W $\frac{1}{2}$  Section 33.

T.10N., R.06E. Humboldt Meridian: S $\frac{1}{2}$  S $\frac{1}{2}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 35; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 36.

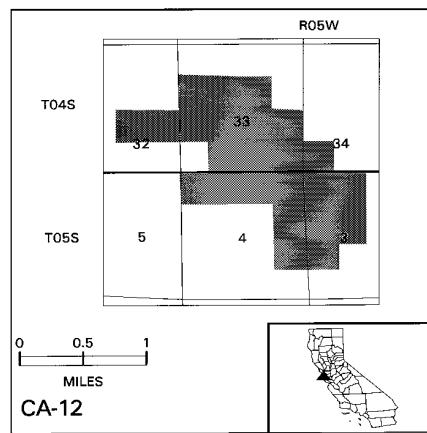


Map and description of CA-12 taken from United States Fish and Wildlife Service 1:100,000 map; California; 1995.

Critical Habitat includes only City lands described within the following areas:

T.04S., R.05W. Mount Diablo Meridian: N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 32; S $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 33; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 34.

T.05S., R.05W. Mount Diablo Meridian: NW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 3; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 4.

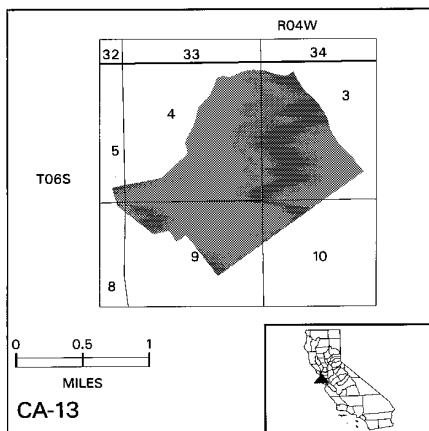


## § 17.95

Map and description of CA-13 taken from United States Fish and Wildlife Service 1:100,000 map; California; 1995.

Critical Habitat includes only County lands bounded by the following description within Spanish Land Grant Canada de Raymundo:

Starting at the intersection of West Union Creek with the San Francisco State Fish and Game Refuge boundary, west along the San Francisco State Fish and Game Refuge boundary to the intersection with State Highway 35, southeast on State Highway 35 to the intersection with the San Francisco State Fish and Game Refuge boundary, southeast along the San Francisco State Fish and Game Refuge boundary to Woodside City boundary, northeast along Woodside City boundary to the intersection with Greer Road, northwest on Greer Road to the intersection with West Union Creek, north along West Union Creek to the intersection with the San Francisco State Fish and Game Refuge boundary.



Map and description of CA-14-a taken from United States Fish and Wildlife Service 1:100,000 map; California; 1995.

Critical Habitat includes only County lands described within the following areas:

T.07S., R.03W. Mount Diablo Meridian: S $\frac{1}{2}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 31; W $\frac{1}{2}$  SW $\frac{1}{4}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 32.

T.07S., R.04W. Mount Diablo Meridian: S $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 22; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 23; SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 25; Section 26 except SW $\frac{1}{4}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , W $\frac{1}{2}$  NW $\frac{1}{4}$ ; E $\frac{1}{2}$ , SE $\frac{1}{4}$

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NW $\frac{1}{4}$  Section 33; S $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 34; Section 35 except N $\frac{1}{2}$  N $\frac{1}{2}$ ; Section 36 except E $\frac{1}{2}$  NE $\frac{1}{4}$ .

T.08S., R.03W. Mount Diablo Meridian: Sections 6-7; S $\frac{1}{2}$  S $\frac{1}{2}$  Section 8; SW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 9; NW $\frac{1}{4}$  Section 16; N $\frac{1}{2}$  N $\frac{1}{2}$ , SW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 17; N $\frac{1}{2}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 18.

T.08S., R.04W. Mount Diablo Meridian: Sections 1-2; SE $\frac{1}{4}$  Section 3; NE $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 10; NE $\frac{1}{4}$ , N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 11; Section 12 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ .

Critical Habitat includes only Private lands described within the following areas:

T.07S., R.04W. Mount Diablo Meridian: N $\frac{1}{2}$  NE $\frac{1}{4}$  Section 35.

T.08S., R.04W. Mount Diablo Meridian: S $\frac{1}{2}$  Section 4; SE $\frac{1}{4}$  Section 5; Sections 7-8; N $\frac{1}{2}$  Section 9; Section 16-18; Section 20 except NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; NW $\frac{1}{4}$  Section 21.

### Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only State lands described within the following areas:

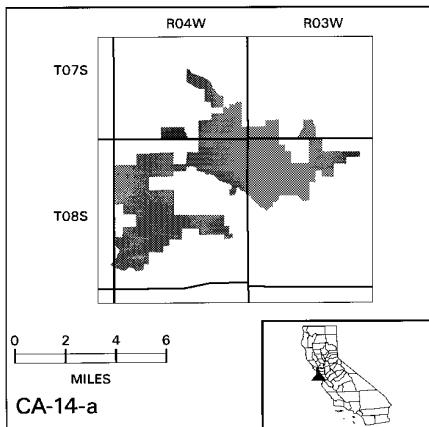
T.07S., R03W. Mount Diablo Meridian: W $\frac{1}{2}$  SE $\frac{1}{4}$ , SW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 33.

T.08S., R03W. Mount Diablo Meridian: N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 2; S $\frac{1}{2}$  Section 3; E $\frac{1}{2}$  Section 4; S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$  SE $\frac{1}{4}$  Section 5; Section 8 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 9 except S $\frac{1}{2}$  SE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ ; NW $\frac{1}{4}$  Section 10.

T.08S., R04W. Mount Diablo Meridian: Section 19; S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 20; Section 21 except NW $\frac{1}{4}$ ; Section 22 except SE $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ ; Section 23 except S $\frac{1}{2}$  S $\frac{1}{2}$ ; W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 24; NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 28; Sections 29-30; N $\frac{1}{2}$  Section 32.

Critical Habitat includes only State lands within Rancho Punta del Ano Nuevo Spanish Land Grant bounded by the following description:

Starting at the intersection of Butano Park Road with Cloverdale Road, south along Cloverdale Road to the intersection with Gazos Creek Road, east along Gazos Creek Road to the intersection with Punta del Ano Nuevo Spanish Land Grant boundary, north along the Punta del Ano Nuevo Spanish Land Grant boundary to the intersection with Butano Park Road, west along Butano Park Road to the intersection of Butano Park Road with Cloverdale Road.



Description of Lands Using Protracted Public Land Survey Lines

Critical Habitat includes only State lands described within the following areas:

T.08S., R.03W. Mount Diablo Meridian: SE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 19; S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 20; NE $\frac{1}{4}$  NE $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 26, Section 29 ; Section 30 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Sections 31-33.

T.08S., R.04W. Mount Diablo Meridian: SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$  Section 25; S $\frac{1}{2}$  Section 35; Section 36.

T.09S., R.03W. Mount Diablo Meridian: NW $\frac{1}{4}$  Section 3; Sections 4-8; SE $\frac{1}{4}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , N $\frac{1}{2}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 9; S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 10; NW $\frac{1}{4}$  Section 15; NE $\frac{1}{4}$ , N $\frac{1}{2}$  SE $\frac{1}{4}$  Section 16; W $\frac{1}{2}$  NW $\frac{1}{4}$  Section 17; Section 18; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  NW $\frac{1}{4}$ , N $\frac{1}{2}$  SW $\frac{1}{4}$  Section 19; S $\frac{1}{2}$  NE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  Section 30; S $\frac{1}{2}$  N $\frac{1}{2}$ , NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 31.

T.09S., R.04W. Mount Diablo Meridian: Sections 1-2; Section 3 except N $\frac{1}{2}$  NW $\frac{1}{4}$ , E $\frac{1}{2}$  SW $\frac{1}{4}$ ; NW $\frac{1}{4}$  NE $\frac{1}{4}$ , SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 4; SE $\frac{1}{4}$ , S $\frac{1}{2}$  SW $\frac{1}{4}$ , NE $\frac{1}{4}$  SW $\frac{1}{4}$ , S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 9; Section 10 except NW $\frac{1}{4}$ ; Sections 11-12; Section 13 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 14; Section 15 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; Section 16; NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 21; Section 22 except SW $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 23; Section 24; N $\frac{1}{2}$  NW $\frac{1}{4}$ , SE $\frac{1}{4}$  SE $\frac{1}{4}$ , SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 25; W $\frac{1}{2}$ , W $\frac{1}{2}$  E $\frac{1}{2}$  Section 26; Section 27 except NW $\frac{1}{4}$  NW $\frac{1}{4}$ ; Section 34; NE $\frac{1}{4}$  NW $\frac{1}{4}$ , W $\frac{1}{2}$  W $\frac{1}{2}$  SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 35.

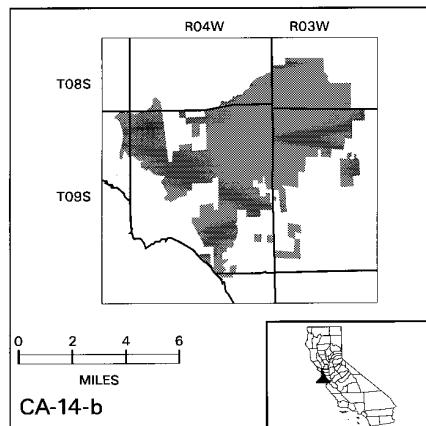
T.10S., R.04W. Mount Diablo Meridian: Sections 2-3.

Critical Habitat includes only Private lands described within the following areas:

T.09S., R.04W. Mount Diablo Meridian: Section 16; Section 21 except S $\frac{1}{2}$ , E $\frac{1}{2}$  NE $\frac{1}{4}$ .

Critical Habitat includes only State lands bounded by the following description within Spanish Land Grant Punta de Ano Nuevo:

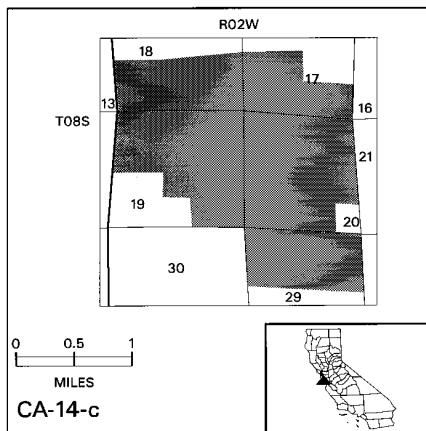
Starting at the intersection of the Spanish Land Grant boundary with Green Oaks Creek, north along the Spanish Land Grant boundary to the intersection with Gazos Creek, west along Gazos Creek to the intersection with State Highway 1, south on State Highway 1 to the intersection with Green Oaks Creek, and east along Green Oaks Creek to the Spanish Land Grant boundary.



Map and description of CA-14-b taken from United States Fish and Wildlife Service 1:100,000 map; California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.08S., R.02W. Mount Diablo Meridian: SW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$  Section 17; S $\frac{1}{2}$  Section 18; Section 19 except S $\frac{1}{2}$  SW $\frac{1}{4}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$ ; Section 20 except SE $\frac{1}{4}$  SE $\frac{1}{4}$ ; N $\frac{1}{2}$  Section 29.



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Map and description of CA-15 taken from United States Fish and Wildlife Service 1:100,000 map; California; 1995.

Critical Habitat includes only State lands described within the following areas:

T.10S., R.02W. Mount Diablo Meridian: S $\frac{1}{2}$ , NW $\frac{1}{4}$  SW $\frac{1}{4}$  Section 6; Section 7 except S $\frac{1}{2}$  SW $\frac{1}{4}$ ; SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , SW $\frac{1}{4}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 8; SW $\frac{1}{4}$ , S $\frac{1}{2}$  NW $\frac{1}{4}$ , NW $\frac{1}{4}$  NW $\frac{1}{4}$ , S $\frac{1}{2}$  SE $\frac{1}{4}$ , NW $\frac{1}{4}$  SE $\frac{1}{4}$  Section 16; Section 17 except SW $\frac{1}{4}$  SW $\frac{1}{4}$ ; SE $\frac{1}{4}$  NE $\frac{1}{4}$ , NE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 18; N $\frac{1}{2}$  NW $\frac{1}{4}$  Section 20; NE $\frac{1}{4}$ , E $\frac{1}{2}$  NW $\frac{1}{4}$  Section 21.

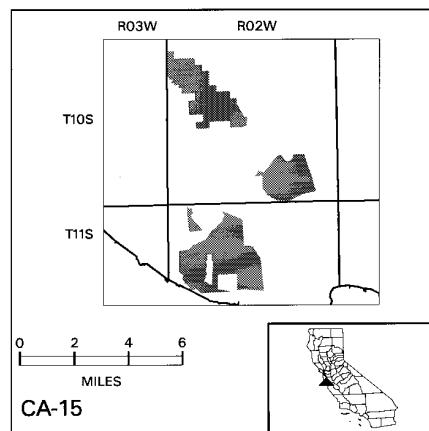
Critical Habitat includes only State lands within the following area:

Spanish Land Grant Canada del Rincon en el Rio de San Lorenzo de Santa Cruz west of Graham Hill Road.

Critical Habitat includes only State lands bounded by the following description within Spanish Land Grant Rancho Refugio:

Starting at the intersection of State Highway 1 with the western boundary of the Rancho Refugio Spanish Land Grant, proceeding east on State Highway 1 to its intersection with Moore Creek, north along Moore Creek to the intersection with Empire Grade Road, northwest on Empire Grade Road to the intersection with the eastern boundary of the Rancho Refugio Spanish Land Grant, west and then southwest along the Rancho Refugio Spanish Land Grant boundary to the intersection with State Highway 1.

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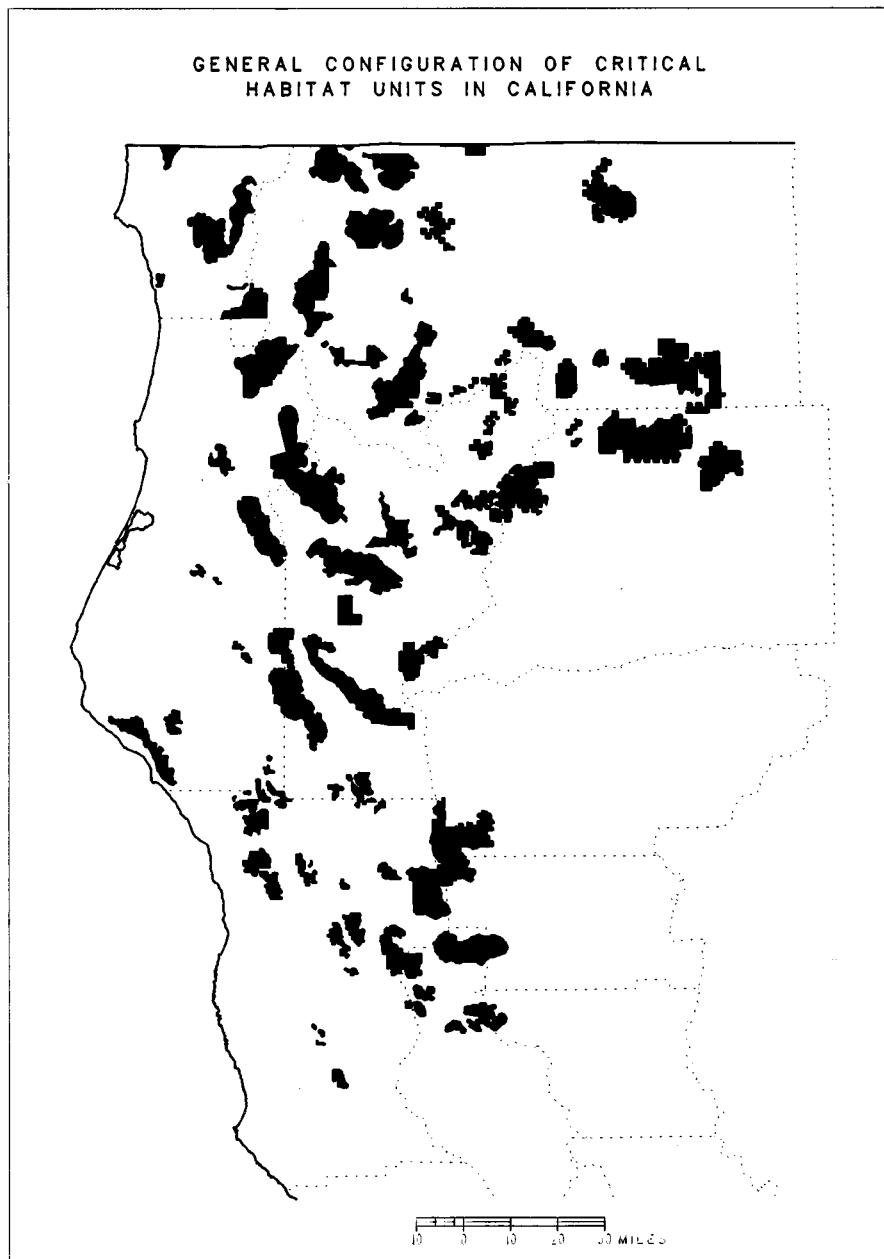


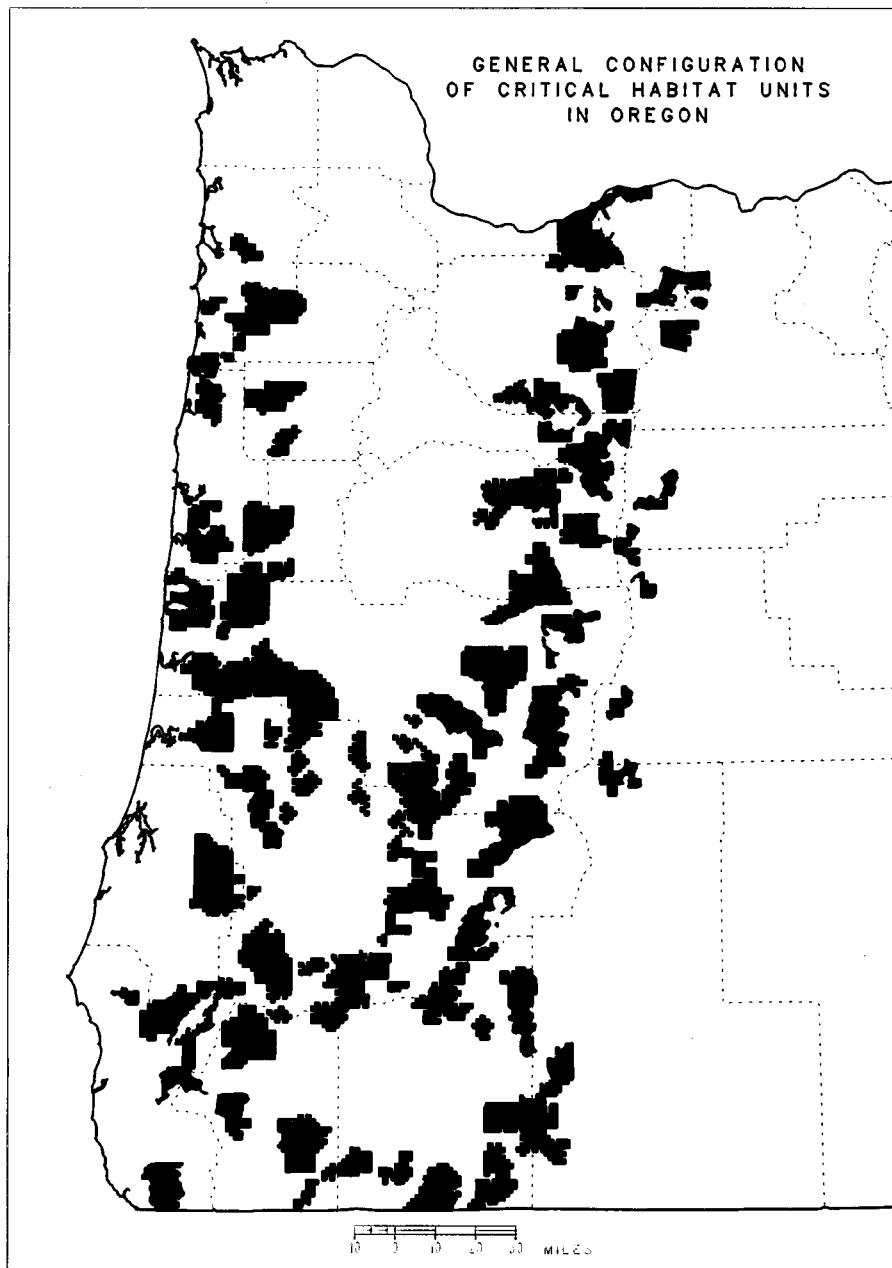
NORTHERN SPOTTED OWL (*Strix occidentalis caurina*)

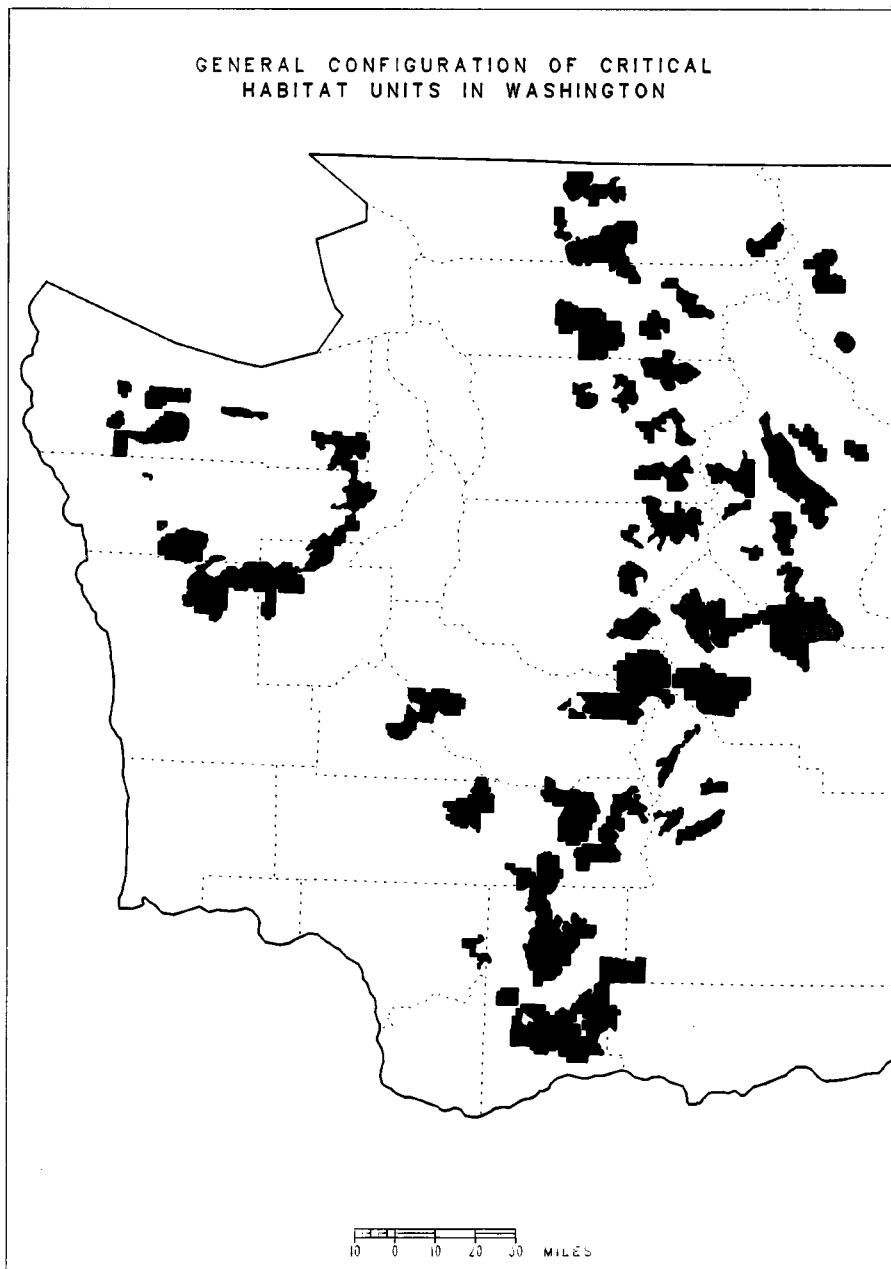
For the States of California, Oregon, and Washington, critical habitat units under Federal jurisdiction are depicted on maps maintained on file at the U.S. Fish and Wildlife Service, Fish and Wildlife Enhancement, 911 Northeast 11th Avenue, Portland, Oregon 97232-4181 (503/231-6131). Copies of these maps are available upon request at the requester's expense.

U.S. Fish and Wildlife Serv., Interior

\$17.95







*Primary constituent elements:* forested lands that are used or potentially used by the

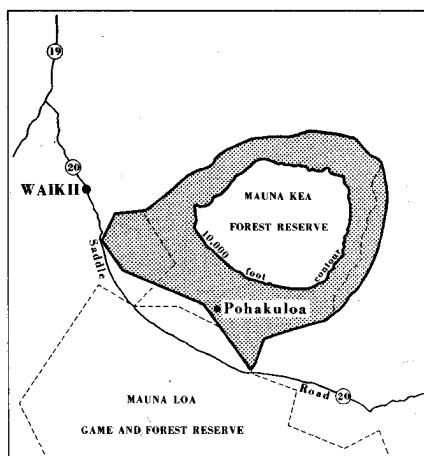
northern spotted owl for nesting, roosting, foraging, or dispersing.

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**PALILA (*Psittirostra bailloui*)**

**Hawaii.** An area of land, water, and airspace on the island of Hawaii, Hawaii County, with the following components: (1) The State of Hawaii Mauna Kea Forest Reserve, except (a) that portion above the 10,000 foot contour line, (b) that portion south of the Saddle Road (State Highway 20), (c) lands owned by the United States in the Pohakuloa Training Area north of the Saddle Road (State Highway 20) established by Executive Order 1719 (Parcel 6, State of Hawaii Tax Map Key 4-4-16, Third Division). (d) that portion (Parcel 10, Kaohe IV, State of Hawaii Tax Map Key 4-4-16, Third Division) lying north of the Saddle Road (State Highway 20) and south of the Power Line Road; (2) that portion of the State of Hawaii Kaohe Game Management Area (Parcel 4, State of Hawaii Tax Map Key 4-4-15, Third Division) to the north and east of the Saddle Road (State Highway 20); (3) that portion of the Upper Waikii Paddock (Parcel 2, State of Hawaii Tax Map Key 4-4-15, Third Division) northeast of the Saddle Road (State Highway 20); (4) that portion of the lands of Humuula between Puu Kahinahina and Kole lying southeast of the Mauna Kea Forest Reserve fence (portions of Parcels 2, 3, and 7, State of Hawaii Tax Map Key 3-8-1, Third Division) which are included in the State conservation district.

NOTE: Map follows:



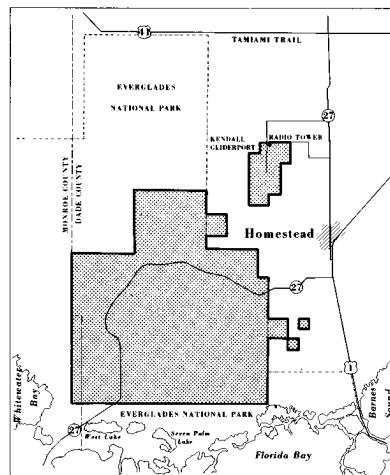
**CAPE SABLE SPARROW (*Ammospiza maritima mirabilis*)**

**Florida.** Areas of land, water, and airspace in the Taylor Slough vicinity of Collier, Dade, and Monroe counties, with the following components (Tallahassee Meridian): Those portions of Everglades National Park within T57S R36E, T57S, R36½E, T57S R37E, T58S R35E, T58S R36E, T58S R37E, T58½S

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R35E, T58½S R36½E T59S R35E, T59S, R36E, T59S R37E. Areas outside of Everglades National Park within T55S R37E Sec. 36; T55S R38E Sec. 31, 32; T56S R37E Sec. 1, 2, 11-14, 23-26; T56S R38E Sec. 5-7, 18, 19; T57S R37E Sec. 5-8, T58S R38E Sec. 27, 29-32; T59S R38E Sec. 4.

NOTE: Map follows:



**INYO BROWN TOWHEE (*Pipilo fuscus eremophilus*)**

California, Inyo County: lands within and adjacent to the China Lake Naval Weapons Center identified as follows:

(1) Approximately 2.0 miles of streambed and  $\frac{1}{8}$  mile on either side of the wash from Margaret Ann Spring and proceeding downstream to the eastern boundary of Section 3 near Snooky Spring. The above includes portions of Sections 3, 4, 9, and 10, T23S R42E. (Map location A)

(2) A circle  $\frac{1}{8}$  mile in radius with the spring in T23S R42E W $\frac{1}{4}$  NE $\frac{1}{4}$  Section 8 as the center. (Map location B)

(3) Approximately 2 miles of streambed and  $\frac{1}{8}$  mile on either side of the wash from Ruby Spring (T23S R42E, Section 22) and proceeding downstream to the boundary between Sections 25 and 26. The above includes portions of Sections 22, 23, 25, and 26, T23S R42E. (Map location C)

(4) A circle  $\frac{1}{8}$  mile in radius with Quail Spring as the center in T23S R42E, NE $\frac{1}{4}$  Section 28. (Map location D)

(5) A circle  $\frac{1}{8}$  mile in radius with Benko Spring as the center in T23S R42E, Sections 34 and 35. (Map location E)

(6) A circle  $\frac{1}{8}$  mile in radius with Bench Mark 5485 (some USGS maps report this as 5484) near the common boundary of Sections 31 and 32, T23S R42E, as the center and lying within Sections 31 and 32. (Map location F)

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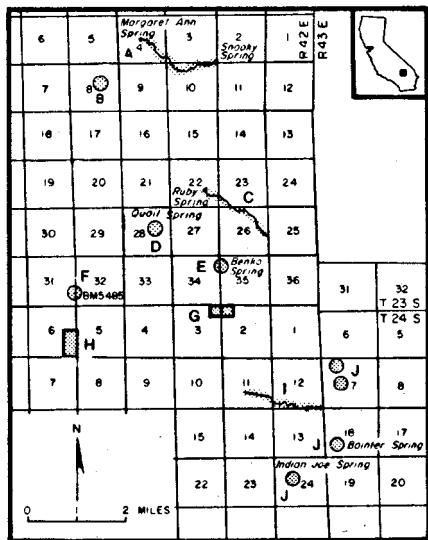
(7) T24S R42E, NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 2 and NE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 3. (Map location G)

(8) T24S R42E, E $\frac{1}{2}$  SE $\frac{1}{4}$  Section 6. (Map located H)

(9) Approximately 1.8 miles of streambed and  $\frac{1}{8}$  mile on either side of Great Falls Basin Wash commencing from the western boundary of E $\frac{1}{2}$  Section 11, T24S R42E, and proceeding downstream along the streambed to the eastern boundary of Section 13. The above includes portions of Sections 11, 12, 13, and 14, T24S R42E. (Map location I)

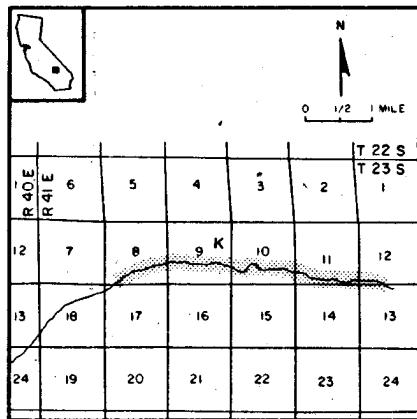
(10) Circles with  $\frac{1}{8}$  mile radii around Mumford and Austin Springs in T24S R43E, Section 7 and Bainter Spring in Section 18 and around Indian Joe Spring in T24S R42E Section 24. (Map locations J)

NOTE: Map follows:



(11) Approximately 5 miles of streambed and  $\frac{1}{8}$  mile on either side of Mountain Springs Canyon commencing from the southern border of Section 8 and continuing along the streambed to the point at which Mountain Springs Canyon Wash intersects the eastern boundary of SW $\frac{1}{4}$  Section 12. The above includes portions of Sections 8, 9, 10, 11, 12, 13, 14, and 17, T23S R41E. (Map location K)

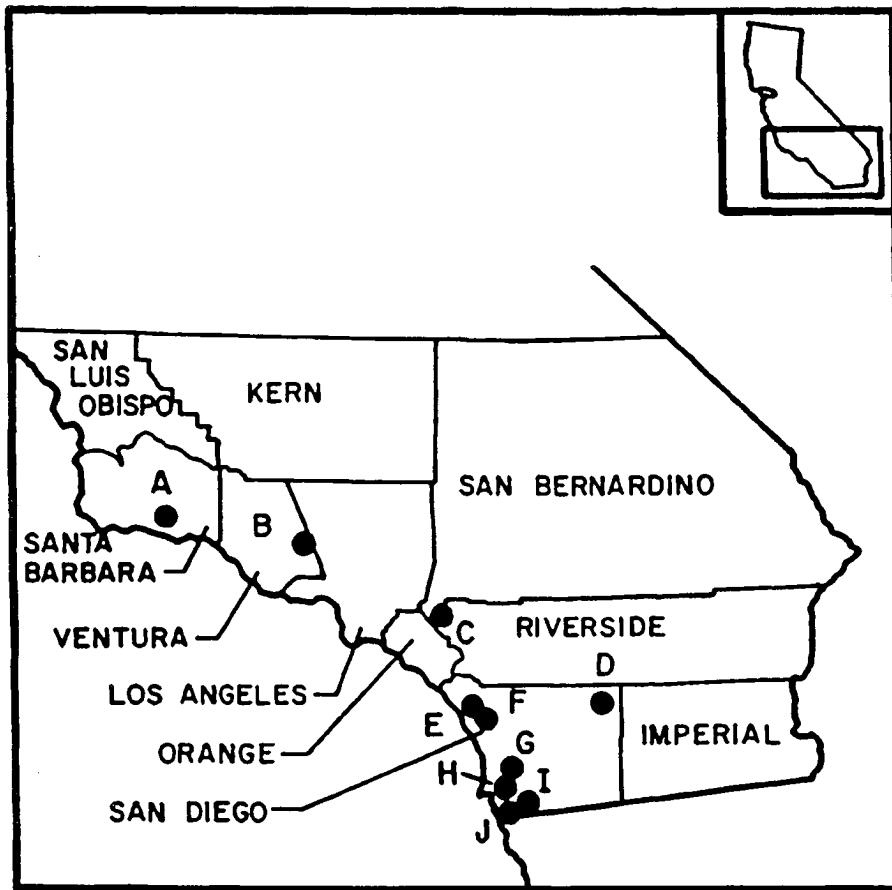
NOTE: Map follows:



Major constituent element: desert riparian scrub vegetation.

LEAST BELL'S VIREO (*Vireo bellii pusillus*)

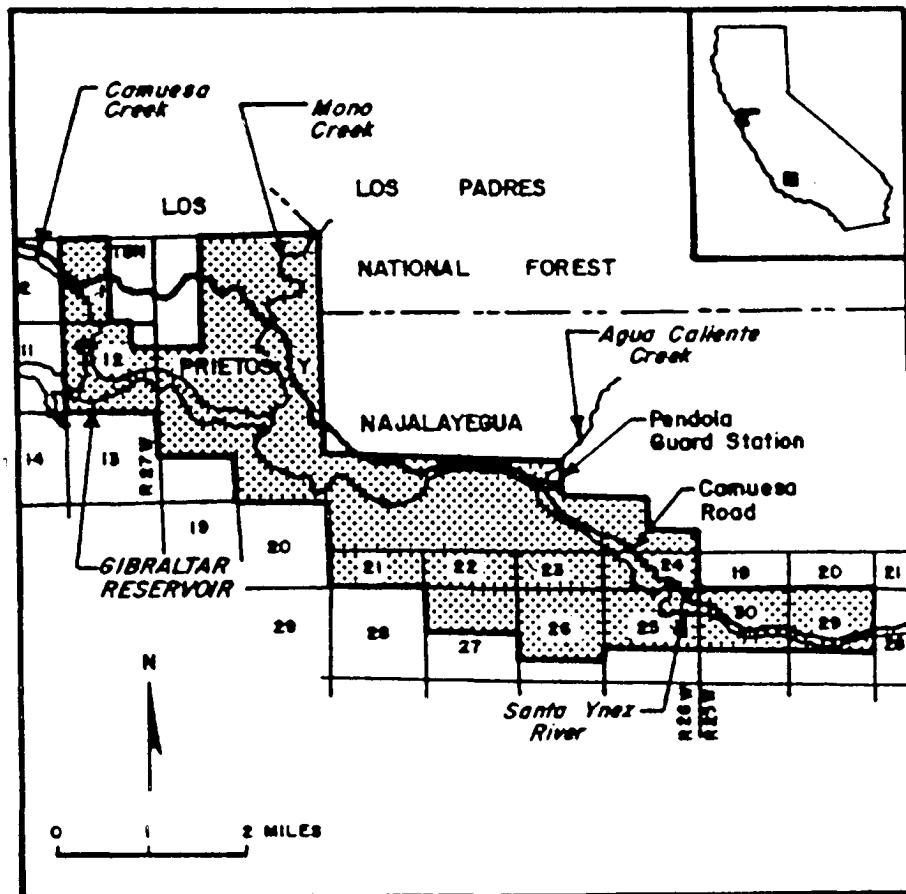
California: Areas of land and water as follows:



1. Santa Ynez River, Santa Barbara County  
(Index map location A).

T. 5 N., R. 27 W.: secs. 1, W $\frac{1}{2}$ , and 12, all except NE $\frac{1}{4}$ . In addition, all adjacent lands within the following circumscribed area: beginning at a point 0.25 mi south of the northeast corner of sec. 12, T. 5 N., R. 27 W.; thence east about 0.5 mi; thence north about 1.25 mi; thence east approximately 1.3 mi to the intersection of Mono Creek and the Los Prietos Y Najalayegua land grant boundary; thence south about 2.5 mi; thence east approximately 2.6 mi to Agua Caliente Creek (at a point about 0.4 mi north and 0.1 mi east of the Pendola Guard Station); thence south about 0.5 mi; thence east about 1.0 mi; thence south about 0.25 mi; thence east about 0.5 mi; thence south about 0.75 mi to the southwest corner of T. 5 N., R. 25 W., sec. 19; thence east to the southeast corner of T.

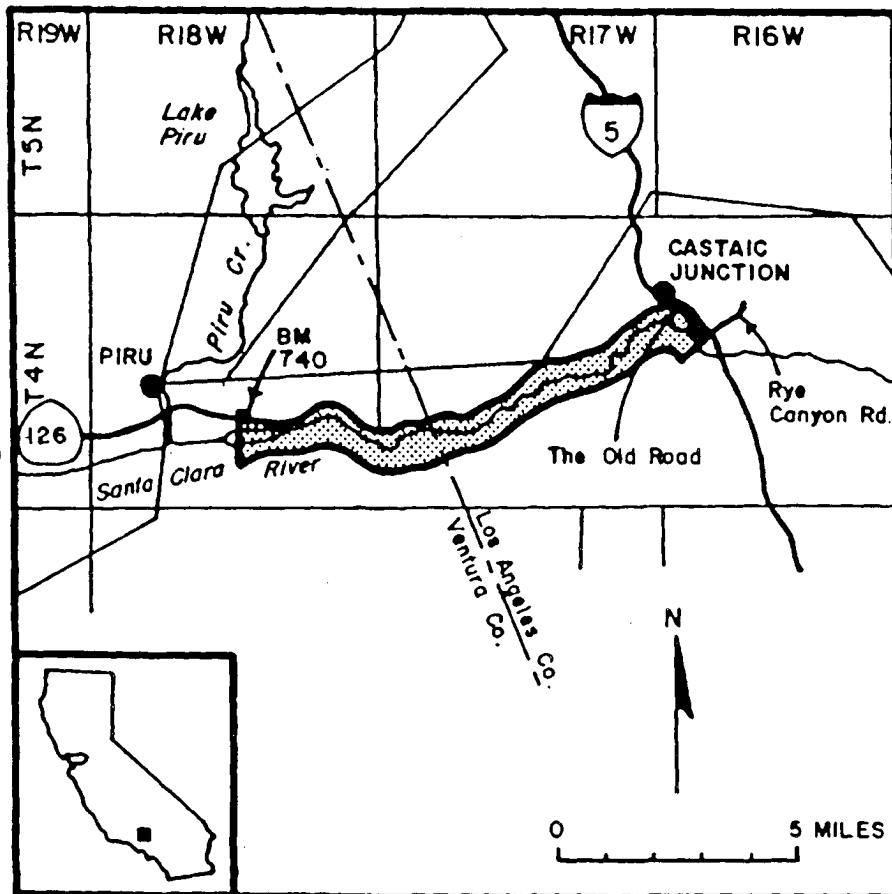
5 N., R. 25 W., sec 20; thence south about 0.63 mi; thence west to western boundary of T. 5 N., R. 26 W., sec. 25; thence south about 0.16 mi; thence west to eastern boundary of T. 5 N., R. 26 W., sec. 27; thence north about 0.25 mi; thence west to western boundary of T. 5 N., R. 26 W., sec. 27; thence north to the northeastern corner of T. 5 N., R. 26 W., sec. 27; thence north to the northeastern corner of T. 5 N., R. 26 W., sec. 28; thence west to the northwest corner of T. 5 N., R. 26 W., sec. 28; thence north to the northeast corner of T. 5 N., R. 26 W., partially unsurveyed sec. 20; thence west to the northeast corner of T. 5 N., R. 26 W., unsurveyed sec. 19; thence north about 0.5 mi; thence west to the southeast corner of T. 5 N., R. 27 W., sec. 13, NE $\frac{1}{4}$ ; and thence north to the southeast corner of T. 5 N., R. 27 W., sec. 12.



2. Santa Clara River, Los Angeles and Ventura Counties (Index map location B).

T. 4 N., Rs. 17 and 18 W.: all land within 3,500 feet perpendicularly and generally southward or westward of a line commencing at a point 100 yards west of BM 740 (a point about 2.3 mi east of the intersection of Main

Street and State Highway 126 in Piru); thence east along State Highway 126 to its intersection with The Old Road at Castaic Junction; and thence eastward and southward along The Old Road to its intersection with Rye Canyon Road.



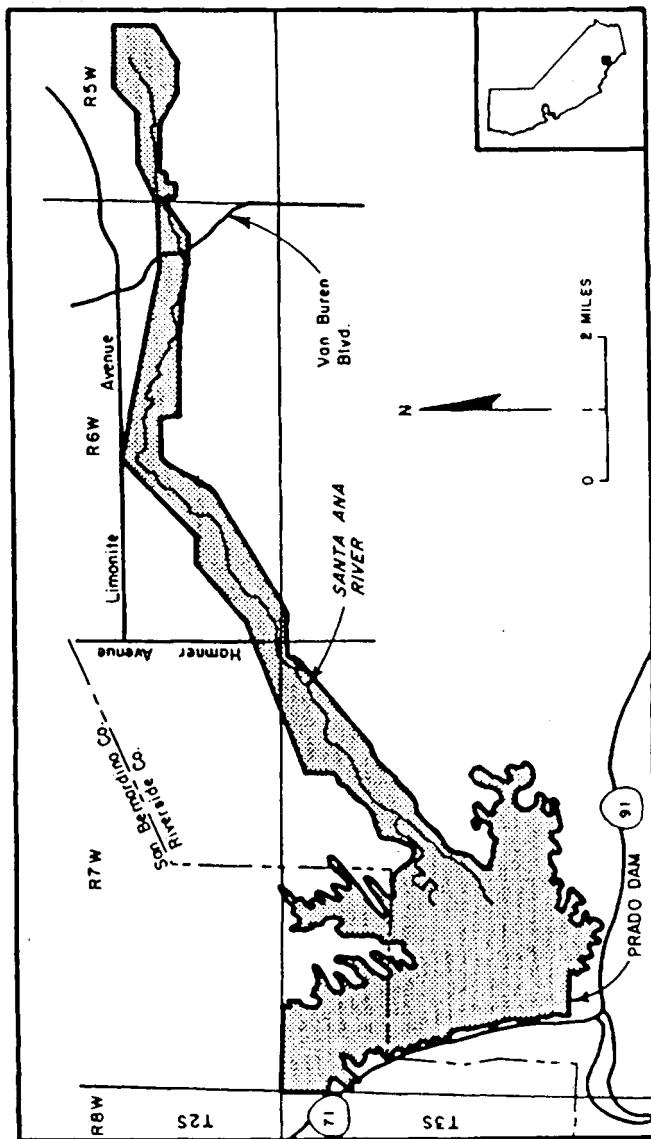
3. Santa Ana River, Riverside and San Bernardino Counties (Index map location C).

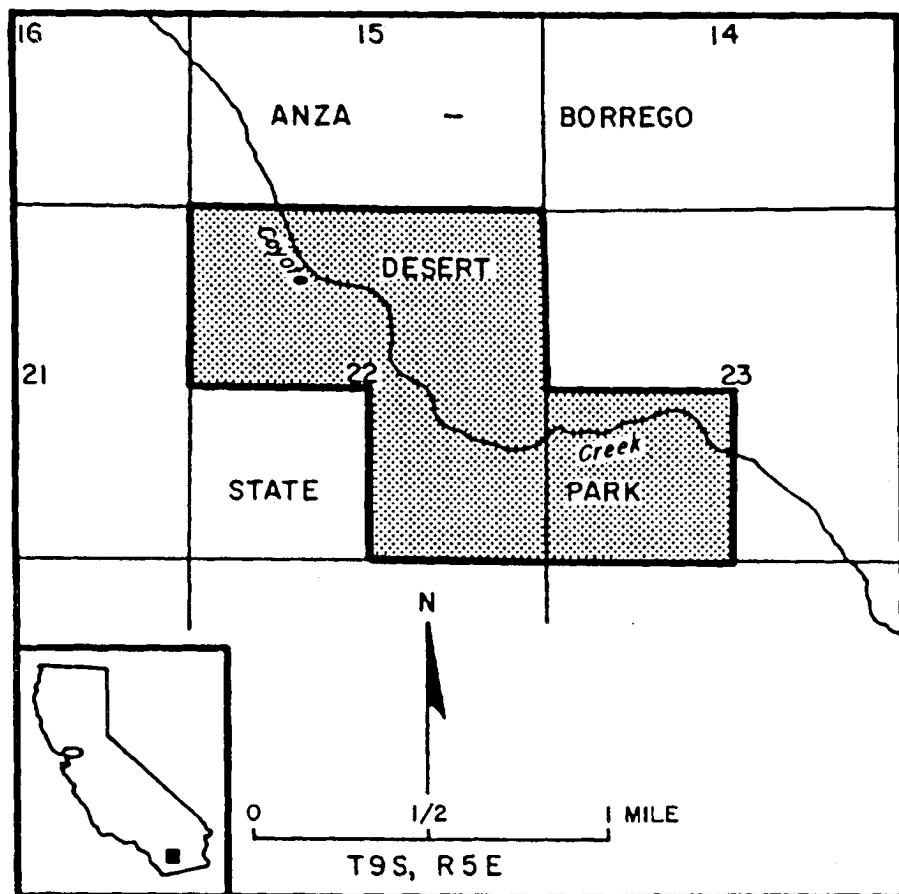
All lands below the 543-foot contour in partially surveyed T. 3 S., R. 7 W., within the Prado Flood Control Basin (upstream from Prado Dam). In addition, the following adjacent lands above the 543-foot contour in the Santa Ana River bottom and within the following boundaries: commencing at a point 0.1 mi east and 0.2 mi north of the southwest corner of sec. 2, T. 3 S., R. 7 W.; thence north about 0.4 mi; thence to a point 0.25 mi east and 0.4 mi north of southwest corner of sec. 31, T. 2 S., R. 6 W.; thence to the northeast corner of sec. 31, T. 2 S., R. 6 W.; thence east 0.35 mi; thence to midpoint of southern section line of sec. 21, T. 2 S., R. 6 W.; thence to a point 0.6 mi south of the northwest corner of sec. 25, T. 2 S., R. 6 W.; thence east about 0.6 mi; thence to a point 0.2 mi north of the center of sec. 30, T. 2 S., R. 5 W.; thence east

about 0.7 mi; thence to a point 0.6 mi east of the southwest corner of sec. 20, T. 2 S., R. 5 W.; thence east about 0.8 mi; thence 0.6 mi south; thence to a point 0.3 mi north of the southwest corner of sec. 28, T. 2 S., R. 5 W.; thence to a point 0.45 mi north of the southwest corner of sec. 29, T. 2 S., R. 5 W.; thence generally westward and southward along the Riverside Corporation Boundary (as shown on USGS Riverside Quadrangle 1980) to its intersection with Van Buren Blvd.; thence to a point 0.2 mi east and 0.75 mi south of the northwest corner of sec. 27, T. 2 S., R. 6 W.; thence 0.25 mi north; thence 0.7 mi west; thence to a point 0.85 mi north of the southwest corner of sec. 32, T. 2 S., R. 6 W.; thence to a point 0.75 mi west and 0.1 mi south of the northeast corner of sec. 6, T. 3 S., R. 6 W.; thence 0.5 mi west; and thence to the 543-foot contour at a point 0.3 mi west of the southeast corner of sec. 2, T. 3 S., R. 7 W.

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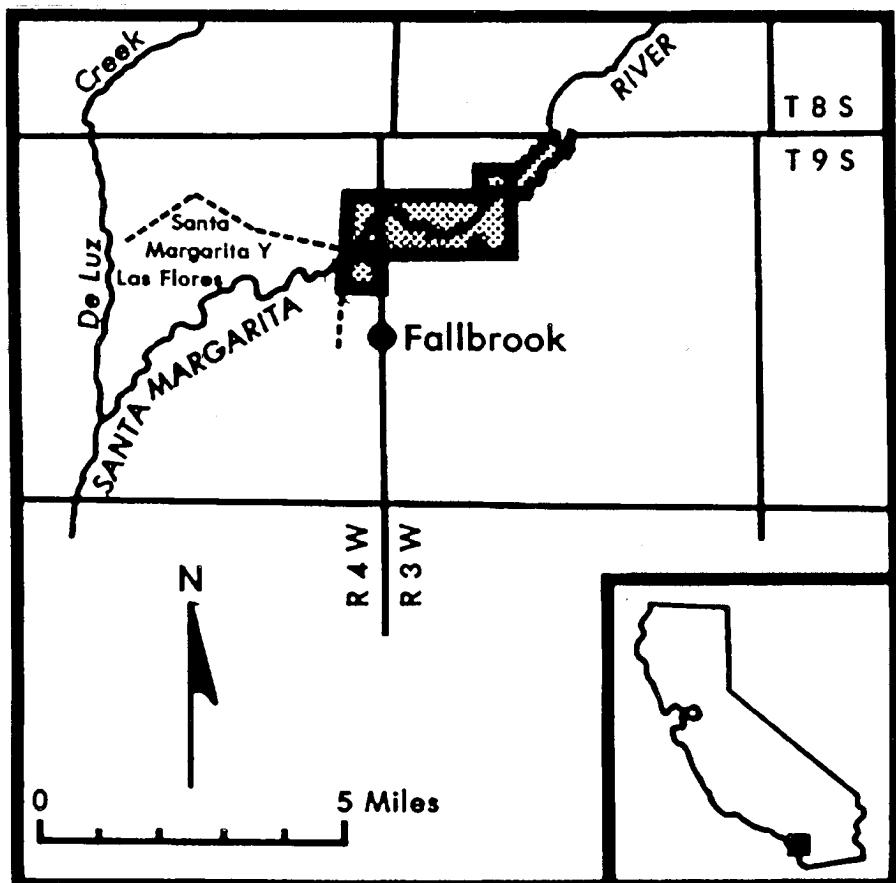


4. Coyote Creek, San Diego County (Index map location D).

T. 9 S., R. 5 E.: secs. 22, N $\frac{1}{2}$ , SE $\frac{1}{4}$ ; and 23, SW $\frac{1}{4}$ .

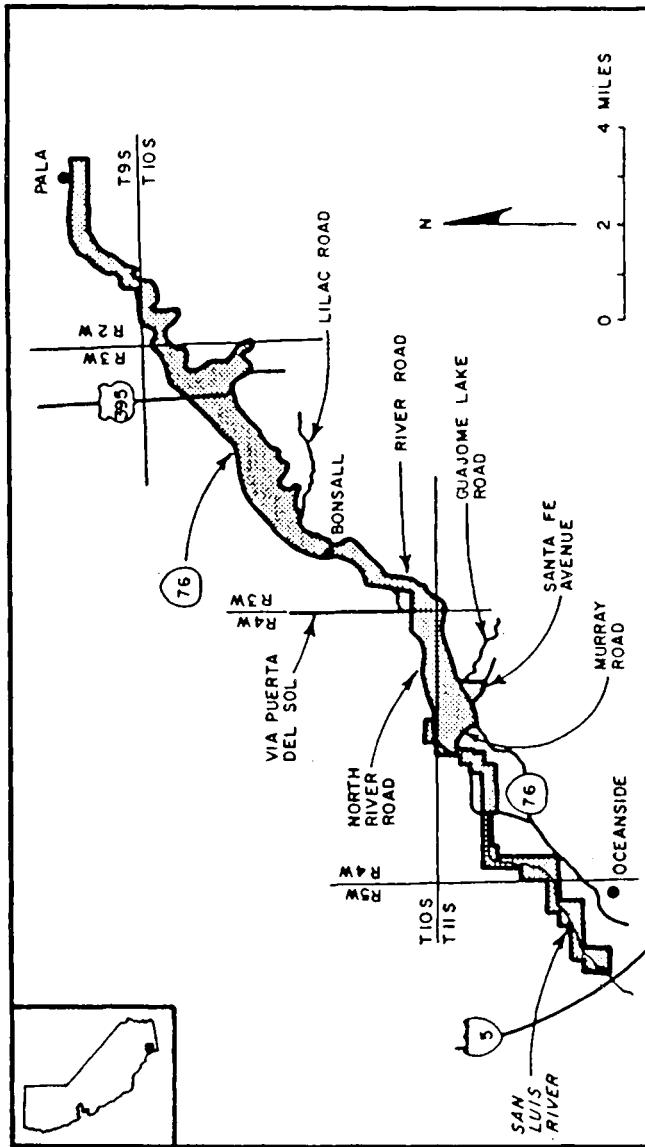
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5. Santa Margarita River, San Diego County (Index map location E).

T. 9 S., R. 3 W.: secs. 4, all lands below the  
600-foot contour; 5 SE $\frac{1}{4}$ ; 7; and 8.  
In T. 9 S., R. 4 W., Sec. 12 E $\frac{1}{2}$ ; 13 NE $\frac{1}{4}$ .



6. San Luis Rey River, San Diego County  
(Index map location F).

T. 11 S., R. 5 W.: secs. 13, S $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ ; 14, SE $\frac{1}{4}$ SW $\frac{1}{4}$ , S12SE $\frac{1}{4}$ ; and 23, NW $\frac{1}{4}$ .

T. 11 S., R. 4 W.: secs. 3, all land north of Murray Road; 4, E $\frac{1}{2}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$ , E $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ ; 7, N $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ ;

8, N $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ N $\frac{1}{2}$ NW $\frac{1}{4}$ ; 9, N $\frac{1}{2}$ NW $\frac{1}{4}$ ; and 18, NW $\frac{1}{4}$ .

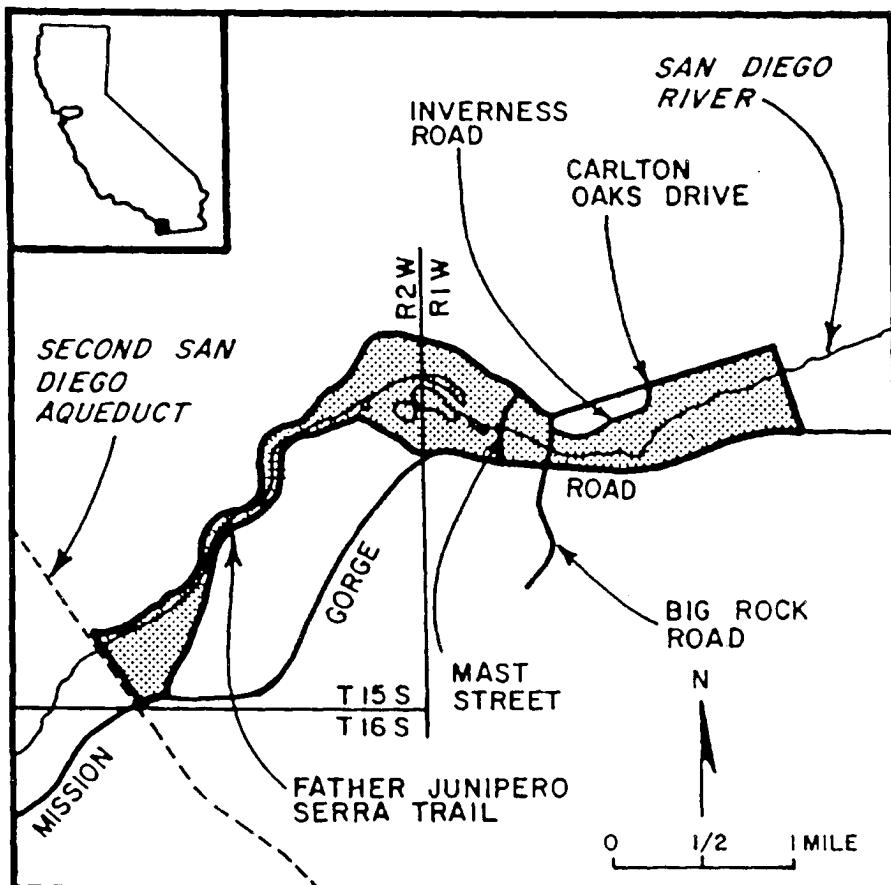
T. 10 S., R. 4 W.: sec. 34, S1/2SW $\frac{1}{4}$ .

Surveyed and unsurveyed portions according to the following metes and bounds: bordered on the north by a line commencing at the intersection of North River Road and the surveyed eastern section line of sec. 3, T. 11 S., R. 4 W.; thence east along said road to its

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junction with Via Puerta Del Sol; thence east approximately 0.5 mi to State Highway 76 nearest the midpoint of sec. 31, T. 10 S., R. 3 W.; thence northward and eastward along said highway to its intersection with the eastern section line of sec. 27, T. 9 S., R. 2 W.; and bordered on the south by a line commencing at the intersection of Murray Road and the surveyed eastern section line of sec. 3, T. 11 S., R. 4 W.; thence southward and eastward along said road to its junction with State Highway 76; thence eastward and northward along said highway to its junction with Santa Fe Avenue; thence southeastward 3,000 feet along said avenue; thence northward along a straight line to Guajome Lake Road at a point 800 feet from the junction of said road and State Highway 76; thence northwestward along Guajome Lake Road to its junction with said highway; thence eastward along said highway to its junction with River Road in sec. 31, T. 10 S., R. 3 W.; thence

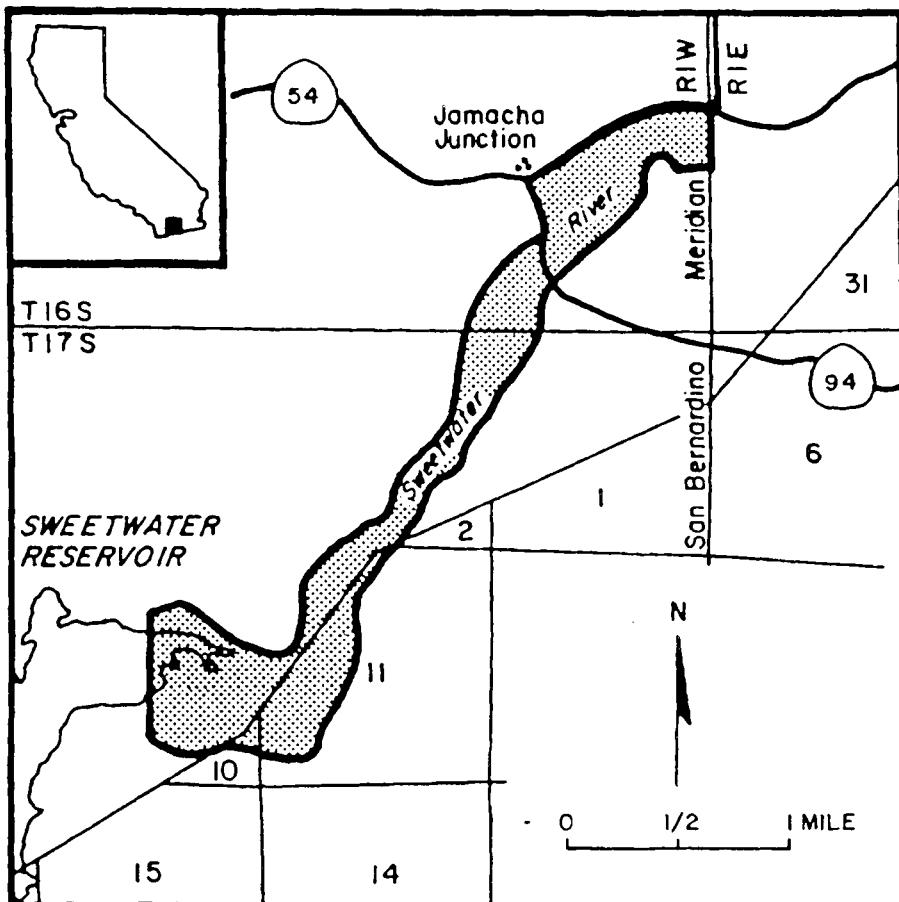
northward along said road to its intersection with the surveyed eastern section line of sec. 20, T. 10 S., R. 3 W.; thence north to and northeasterly along the 250-foot contour in sec. 21 through partially surveyed sec. 15, T. 10 S., R. 3 W.; thence north to a point about 0.2 mi south of the northwest corner of sec. 14 and continuing along the 300-foot contour from the western section line of sec. 14 eastward through unsurveyed sec. 11, surveyed secs. 13 and 12, T. 10 S., R. 3 W.; and surveyed sec. 18, T. 10 S., R. 2 W.; thence east to and along the 325-foot contour through sec. 1, T. 10 S., R. 3 W.; thence south to and along the 350-foot contour in secs. 6 and 5, T. 10 S., R. 2 W., and secs. 32 and 33, T. 9 S., R. 2 W., to the northern section line of sec. 33; thence east approximately 1.5 mi to the southeastern corner of sec. 27, T. 9 S., R. 2 W.; and thence north about 0.4 mi to State Highway 76 in Pala.



7. San Diego River, San Diego County (Index map location G).

T. 15 S., Rs. 1 and 2 W.: commencing at the intersection of the Second San Diego Aqueduct and Mission Gorge Road; thence eastward along said road to the western-most intersection with Father Junipero Serra Trail; thence northward and eastward along said trail to the eastern-most intersection of said trail and said road; thence eastward along Mission Gorge Road to its intersection with Carlton Hills Blvd.; thence northward to its intersection with Carlton Oaks Drive;

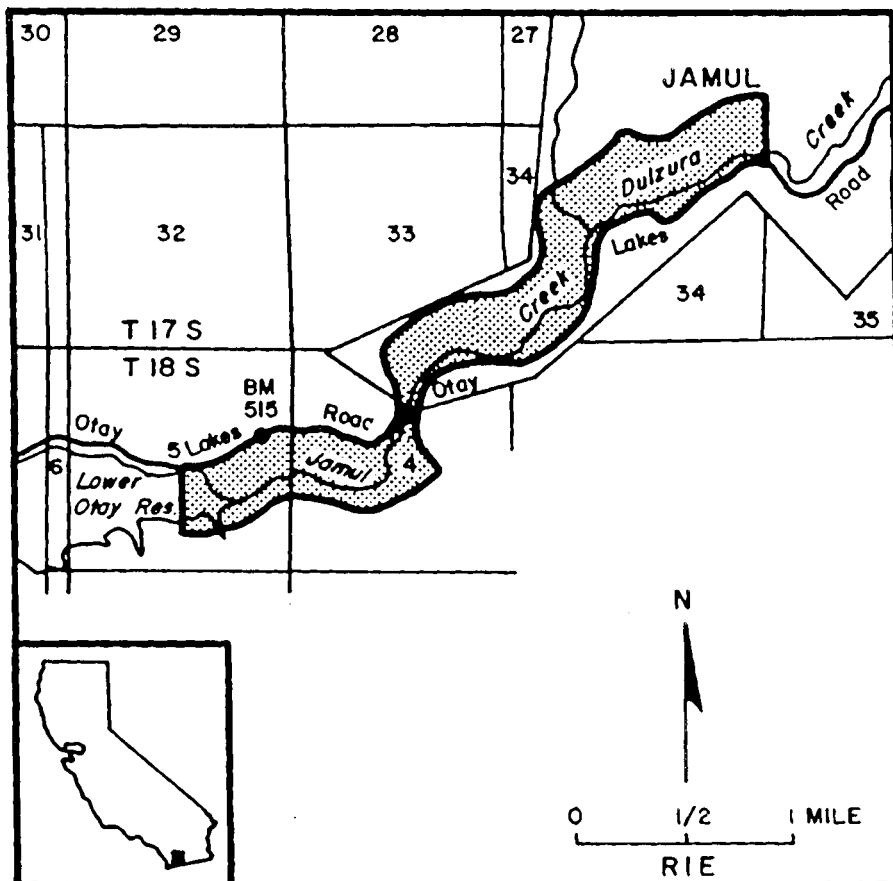
thence westward along said drive to its eastern-most intersection with Inverness Road; thence westward along said road to its intersection with Carlton Oaks Drive; thence westward along said drive to its intersection with Mast Street; thence westward and southward along the 320-foot contour to its intersection with the Second San Diego Aqueduct on the north side of the San Diego River; thence southeastward along said aqueduct to its intersection with Mission Gorge Road.



8. Sweetwater River, San Diego County  
(Index map location H).

T. 16 and 17 S., R. 1 W.: commencing at the intersection of the 320-foot contour and 116°58'14" W longitude immediately north of the confluence of Sweetwater River and Sweetwater Reservoir; thence eastward along the contour to the intersection of said contour with State Highway 94; thence northward along said highway to its intersection with State Highway 54; thence north-

eastward along said highway to the San Bernardino Meridian; thence south approximately 1,500 feet to the intersection with the 340-foot contour; thence westward and southward along said contour to the south end of the Steele Canyon Bridge on State Highway 94; thence south approximately 900 feet to the 340-foot contour; thence southwesterly along said contour to its intersection with 116°58'14" W longitude; thence north to starting point.



9. Jamul-Dulzura Creeks, San Diego County (Index map location I).

T. 17 and 18 S., R. 1 E.: commencing from a point approximately 2,200 feet west of BM 515 along Otay Lakes Road, in sec. 5, T. 18 S., R. 1 E.; thence east approximately one mile to the crossing of said road at a bridge over Jamul Creek, including all land within 1,500 feet southward of Otay Lakes Road as measured perpendicularly from the road; thence eastward for about 2.4 mi along said road and including all lands within 1,500 feet north-

ward of said road as measured perpendicularly from the road, and including all lands within 500 feet of said bridge not otherwise included above.

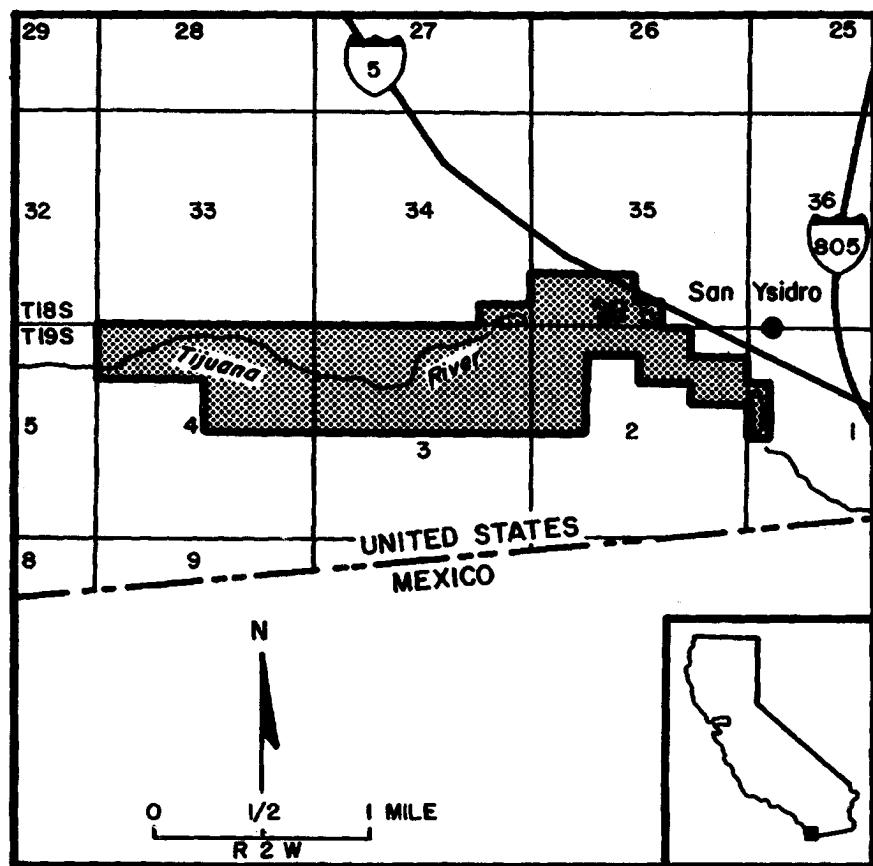
10. Tijuana River, San Diego County (Index map location J).

T. 18 S., R. 2 W.: secs. 34, S $\frac{1}{2}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ ; and 35, S $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$ .

T. 19 S., R. 2 W.: secs. 1, W $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ ; 2, S $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ NW $\frac{1}{4}$ ; 3, N $\frac{1}{2}$ ; and 4, NE $\frac{1}{4}$ , N $\frac{1}{2}$ NW $\frac{1}{4}$ .

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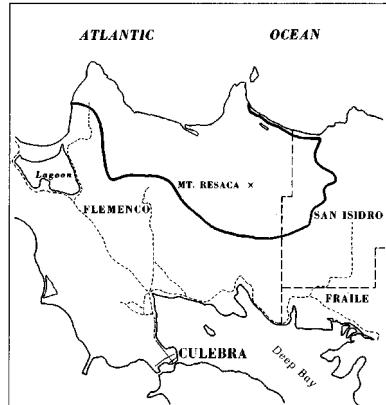
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*Primary constituent elements:* riverine and floodplain habitats (particularly willow-dominated riparian woodland with dense understory vegetation maintained, in part, in a non-climax stage by periodic floods or other agents) and adjacent coastal sage scrub, chaparral, or other upland plant communities.

(c) *Reptiles.*

CULEBRA ISLAND GIANT ANOLE (*Anolis roosevelti*)

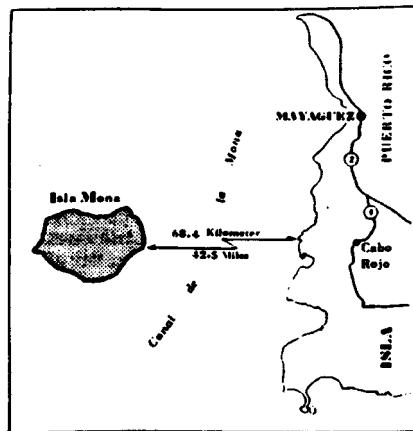
NOTE: No text. Map follows:



MONA BOA (*Epicrates monensis monensis*)

Commonwealth of Puerto Rico. Mona Island—entire island.

NOTE: Map follows:



AMERICAN CROCODILE (*Crocodylus acutus*)

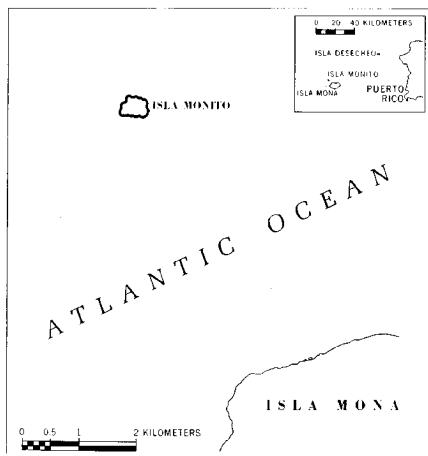
Florida. All land and water within the following boundary: Beginning at the easternmost tip of Turkey Point, Dade County, on the coast of Biscayne Bay; thence southeastward along a straight line to Christmas Point at the southernmost tip of Elliott Key; thence southwestward along a line following the shores of the Atlantic Ocean side of Old Rhodes Key, Palo Alto Key, Anglefish Key, Key Largo, Plantation Key, Windley Key, Upper Matecumbe Key, Lower Matecumbe Key, and Long Key, to the westernmost tip of Long Key; thence Northwestward along a straight line to the westernmost tip of Middle Cape; thence northward along the shore of the Gulf of Mexico to the north side of the mouth of Little Sable Creek; thence eastward along a straight line to the northernmost point of Nine-Mile Pond; thence northeastward along a straight line to the point of beginning.

NOTE: No map.

MONITO GECKO (*Sphaerodactylus micropithecus*)

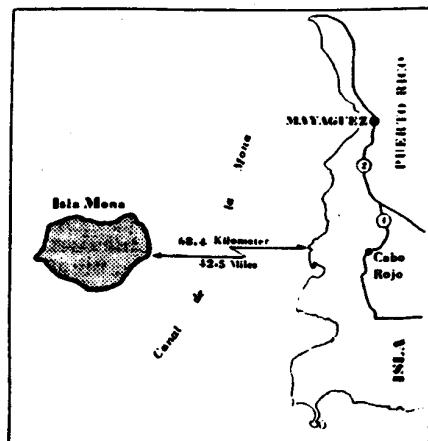
Puerto Rico—Isla Monito, entire island.

NOTE: Map follows:

MONA GROUND IGUANA (*Cyclura stejnegeri*)

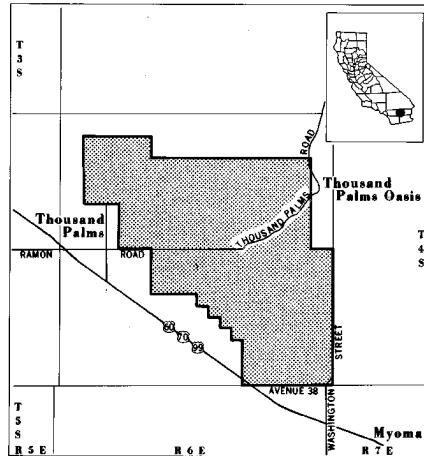
Commonwealth of Puerto Rico. Mona Island—entire island.

NOTE: Map follows:

COACHELLA VALLEY FRINGE-TOED LIZARD (*Uma inornata*)

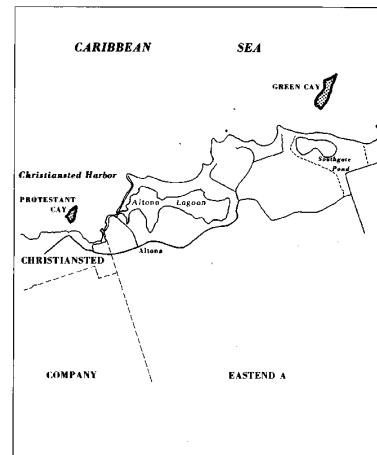
California. Riverside County. S $\frac{1}{2}$  Section 5, SE $\frac{1}{4}$  Section 6, E $\frac{1}{2}$  Section 7, all of sections 8 through 11, W $\frac{1}{2}$  Section 12, W $\frac{1}{2}$  Section 13, all of sections 14 through 16, E $\frac{1}{2}$  Section 17, E $\frac{1}{2}$ NW $\frac{1}{4}$  Section 17, E $\frac{1}{2}$ SW $\frac{1}{4}$  Section 17, all of sections 21 through 26, E $\frac{1}{2}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$ , NE $\frac{1}{4}$  Section 27, all of sections 35 and 36, T4S R6E.

NOTE: Map follows:

ST. CROIX GROUND LIZARD (*Ameiva polops*)

U.S. Virgin Islands. Protestant Cay, roughly defined by the coordinates 64°42'15" N. and 17°45'7.5" W.; and Green Cay, roughly defined by the coordinates 67°37'30" N. and 17°46'15" W.

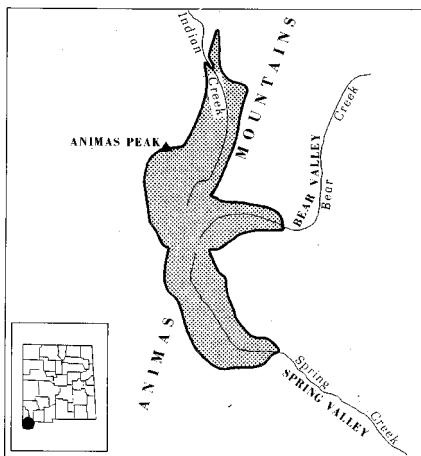
NOTE: Map follows:

NEW MEXICAN RIDGE-NOSED RATTLESNAKE (*Crotalus willardi obscurus*)

New Mexico. Hidalgo County. Elevations between 6,200 feet and 8,532 feet in Bear, Indian, and Spring Canyons, Animas Mountains.

NOTE: Map follows:

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CONCHO WATER SNAKE (*Nerodia harterti paucimaculata*)

Texas: Areas of land and water as follows:

1. *Tom Green and Concho Counties*. Concho River: The mainstream river channel and river banks, up to a level on both banks that is 15 vertical feet above the water level at median discharge (but not extending more than  $\frac{1}{2}$  mile upstream on any tributary stream); extending from Mullin's Crossing, northeast of the town of Veribest downstream to the confluence of the Concho and Colorado Rivers.

2. *Runnels, Concho, Coleman, and McCulloch Counties*. Colorado River: The mainstream

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river channel and river banks, up to a level on both banks that is 15 vertical feet above the water level at median discharge (but not extending more than  $\frac{1}{2}$  mile upstream on any tributary stream); extending from the Farm to Market Road 3115 bridge near the town of Maverick downstream to the confluence of the Colorado River and Salt Creek, northeast of the town of Dooly.

3. The entire future Stacy Reservoir basin up to the conservation pool level of 1551.5 feet elevation, and including reservoir banks up to 15 vertical feet above the 1551.5 feet elevation, and including tributary streams for not more than  $\frac{1}{2}$  mile upstream from the conservation pool level.

4. Constituent elements include shallow riffles and rapids with rocky cover, minimum stream flows, dirt banks, rocky shorelines, and woody riparian vegetation. Minimum flows include the following:

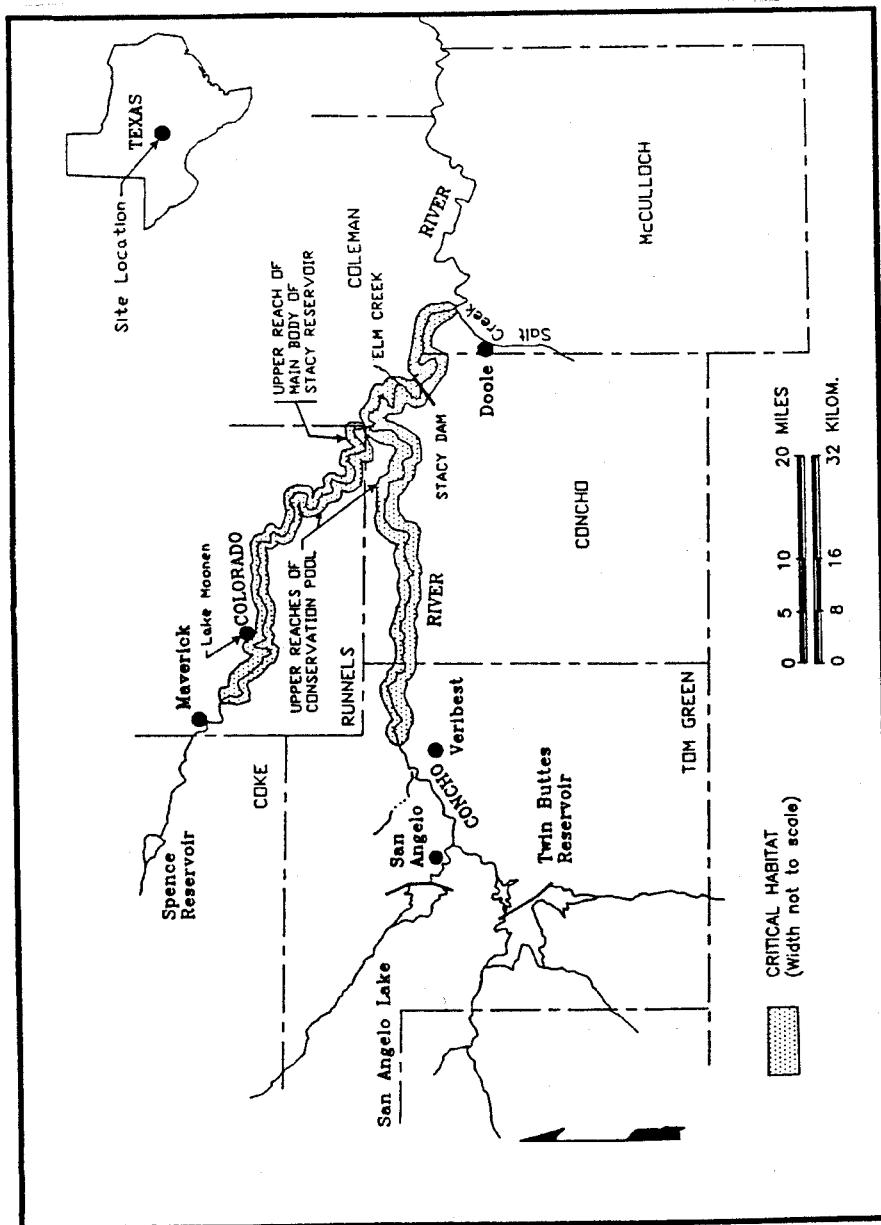
(a) A continuous, daily flow of 10.0 cubic feet/second (cfs) in the Colorado River from E.V. Spence Reservoir to Ballinger, Texas.

(b) A flushing flow of 600 cfs from E.V. Spence Reservoir for a duration of 3 consecutive days (at any time during the months of November through February), at least every other year for channel maintenance.

(c) A continuous, daily minimum flow of 11.0 cfs in the Colorado River between Stacy Dam and Pecan Bayou between April and September each year, and a minimum of 2.5 cfs between October and March of each year.

(d) Flushing flows of 2500 cfs from Stacy Reservoir for 2 consecutive days at least once every 2 years for channel maintenance.

NOTE: Map follows:

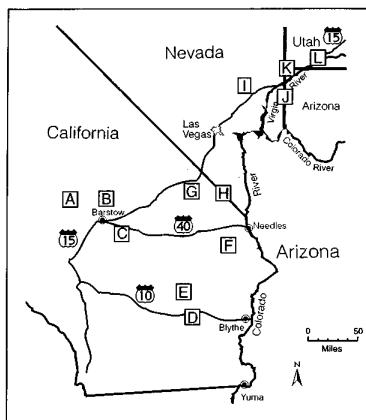


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**DESERT TORTOISE—MOJAVE POPULATION  
(*Gopherus agassizii*)**

Index map of approximate locations of critical habitat units follows:

**MAP 1**



California. Areas of land as follows:

1. *Fremont-Kramer Unit*. Kern, Los Angeles, and San Bernardino Counties. From BLM Maps: Victorville 1978 and Cuddeback Lake 1978. (Index map location A).

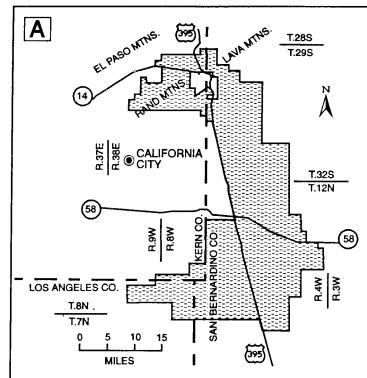
Mt. Diablo Meridian: T. 29 S., R. 39 E., secs. 13, 14, 22–26, 35, and 36; T. 29 S., R. 40 E., secs. 12–33; T. 29 S., R. 41 E., secs. 7, 8, 17–20, 27–30, and 32–36; T. 30 S., R. 38 E., secs. 24–26, 35, and 36; T. 30 S., R. 39 E., secs. 1–36 except secs. 3–5; T. 30 S., R. 40 E., secs. 4–9 and 13–36 except those portions of secs. 13, 14, and 23 lying northwesterly of the Randsburg-Mojave Road; T. 30 S., R. 41 E., secs. 1–36 except secs. 5–8 and 20 and those portions of secs. 17 and 18 lying easterly of U.S. Hwy. 395; T. 30 S., R. 42 E., secs. 7–10, 15–22, and 27–34; T. 31 S., R. 40 E., secs. 1 and 6 except that portion of sec. 6 lying southeasterly of the Randsburg-Mojave Road; T. 31 S., R. 41 E., secs. 1–17, 20–29, and 32–36 except those portions of secs. 20, 29 and 32 lying westerly of U.S. Hwy. 395; T. 31 S., R. 42 E., secs. 3–10, 15–22, and 27–34; T. 32 S., R. 41 E., secs. 1–4, 9–16, 21–28, and 34–36 except those portions of secs. 4, 9, 16, 21, 27, 28, and 34 lying westerly of U.S. Hwy. 395; T. 32 S., R. 42 E.; T. 32 S., R. 43 E., secs. 4–9, 16–21, and 28–33.

San Bernardino Meridian: T. 7 N., R. 5 W., secs. 2–11 and 14–18 except that portion of sec. 18 lying west of U.S. Hwy. 395; T. 7 N., R. 6 W., secs. 1–6, 12, and 13 except those portions of secs. 1, 12, and 13 lying westerly of U.S. Hwy. 395; T. 7 N., R. 7 W., secs. 1–6; T. 7 N., R. 8 W., secs. 1–4; T. 8 N., R. 4 W., secs. 6, 7, and 18; T. 8 N., R. 5 W., secs. 1–35 except secs. 24 and 25; T. 8 N., R. 6 W.; T. 8 N., R. 7 W.; T. 8 N., R. 8 W., secs. 1–28, and 33–36; T. 8 N., R. 9 W., secs. 1 and 7–24; T. 9 N., R. 4 W.,

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secs. 2–11, 14–23, 30, and 31; T. 9 N., R. 5 W.; T. 9 N., R. 6 W.; T. 9 N., R. 7 W., secs. 1–4, 9–16, and 19–36; T. 9 N., R. 8 W., secs. 24, 25, and 31–36; T. 9 N., R. 9 W., sec. 36; T. 10 N., R. 4 W., secs. 6, 7, 18–20, and 29–34; T. 10 N., R. 5 W.; T. 10 N., R. 6 W., secs. 1–36 except sec. 6; T. 10 N., R. 7 W., secs. 9–16, 21–28, and 33–36; T. 11 N., R. 5 W., secs. 2–11, 14–23, and 26–35; T. 11 N., R. 6 W., secs. 1–36 except those portions of secs. 6, 7, 18, 19, 30, and 31 lying westerly of U.S. Hwy. 395; T. 11 N., R. 7 W., that portion of sec. 1 lying easterly U.S. Hwy. 395; T. 12 N., R. 5 W., secs. 31–35; T. 12 N., R. 6 W., secs. 31–36; T. 12 N., R. 7 W., that portion of sec. 36 lying easterly of U.S. Hwy. 395.

**MAP 2**



2. *Superior-Cronece Unit*. San Bernardino County. From BLM Maps: Cuddeback Lake 1978, Soda Mts. 1978, Victorville 1978, and Newberry Springs 1978. (Index map location B).

Mt. Diablo Meridian: T. 29 S., R. 42 E., secs. 35 and 36; T. 29 S., R. 43 E., secs. 25, 26, and 31–36; T. 29 S., R. 44 E., secs. 20–36; T. 29 S., R. 45 E., secs. 14–16, 19–23, and 25–36; T. 29 S., R. 46 E., secs. 30–32; T. 30 S., R. 42 E., secs. 1, 2, 11–14, 23–26, 35, and 36; T. 30 S., R. 43 E.; T. 30 S., R. 44 E.; T. 30 S., R. 45 E.; T. 30 S., R. 46 E., secs. 3–36; T. 30 S., R. 47 E., secs. 7–10, 15–22, and 27–34; T. 31 S., R. 42 E., secs. 1, 2, 11–14, 23–26, 35, and 36; T. 31 S., R. 43 E.; T. 31 S., R. 44 E.; T. 31 S., R. 45 E.; T. 31 S., R. 46 E.; T. 31 S., R. 47 E., secs. 3–10, 15–22, and 27–34; T. 32 S., R. 43 E., secs. 1–3, 10–15, 22–27, and 34–36; T. 32 S., R. 44 E.; T. 32 S., R. 45 E.; T. 32 S., R. 46 E.; T. 32 S., R. 47 E., secs. 3–10, 15–22, and 27–34.

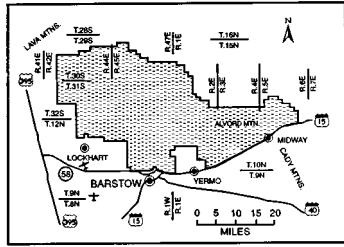
San Bernardino Meridian: T. 9 N., R. 1 W., those portions of secs. 1 and 2 lying northerly of Interstate Hwy. 15; T. 9 N., R. 1 E., that portion of sec. 6 lying northerly of Interstate Hwy. 15; T. 10 N., R. 2 W., secs. 1–29; T. 10 N., R. 1 W., secs. 1–28, 30, and 33–36 except those portions of secs. 33–35 lying southwesterly of Interstate Hwy. 15; T. 10 N., R. 1 E., secs. 18, 19, 30, and 31; T. 10 N., R. 2

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E., secs. 1-5, 8-17, and 22-34 except those portions of secs. 25, 26, and 34 lying southeasterly of Interstate Hwy. 15; T. 10 N., R. 3 E., secs. 1-12, 14-21, and 30 except those portions of secs. 11, 12, 14-16, 19-21, and 30 lying south-easterly of Interstate Hwy. 15; T. 10 N., R. 4 E., those portions of secs. 5-7 lying northwesterly of Interstate Hwy. 15; T. 11 N., R. 5 W., secs. 1 and 12; T. 11 N., R. 4 W., secs. 1-7, 9, 11, and 12; T. 11 N., R. 3 W., secs. 1-18; T. 11 N., R. 2 W.; T. 11 N., R. 1 W.; T. 11 N., R. 1 E., secs. 1-31; T. 11 N., R. 2 E., secs. 1-36 except sec. 31; T. 11 N., R. 3 E.; T. 11 N., R. 4 E., secs. 1-34 except those portions of secs. 25, 26, 33, and 34 lying southeasterly of Interstate Hwy. 15; T. 11 N., R. 5 E., secs. 1-11 and 15-20 except those portions of secs. 1, 2, 10, 11, 15-17, 19, and 20 lying southeasterly of Interstate Hwy. 15; T. 12 N., R. 5 W., sec. 36; T. 12 N., R. 4 W., secs. 31-36; T. 12 N., R. 3 W., secs. 31-36; T. 12 N., R. 2 W., secs. 31-36; T. 12 N., R. 1 W., secs. 31-36; T. 12 N., R. 1 E.; T. 12 N., R. 2 E., secs. 3-36; T. 12 N., R. 3 E., secs. 7-36; T. 12 N., R. 4 E., secs. 7-36; T. 12 N., R. 5 E., secs. 1-5 and 7-36; T. 12 N., R. 6 E., secs. 5-9, 15-22, and 27-34 except those portions of secs. 31-34 lying southerly of Interstate Hwy. 15; T. 13 N., R. 1 E.; T. 13 N., R. 2 E., secs. 19 and 29-34; T. 13 N., R. 5 E., secs. 26-28 and 32-36; T. 14 N., R. 1 E., secs. 5-10, 15-23, and 24-36.

**MAP 3**

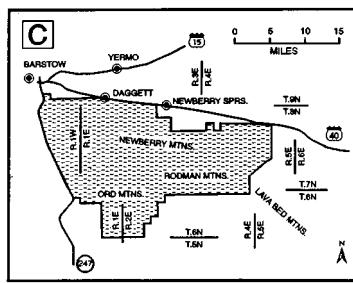


3. *Ord-Rodman Unit*. San Bernardino County. From BLM Maps: Newberry Springs 1978 and Victorville 1978. (Index map location C).

San Bernardino Meridian: T. 6 N., R. 1 E., secs. 1-6, 10-15, 22-27, and 34-36; T. 6 N., R. 2 E., secs. 1-11, 14-22, and 28-33; T. 7 N., R. 1 W., secs. 1-4, 9-15, 22-26, 35, and 36 except those portions of secs. 4, 9, 10, 15, 22, 23, 26, and 35 lying southwesterly of State Hwy. 247; T. 7 N., R. 1 E.; T. 7 N., R. 2 E.; T. 7 N., R. 3 E.; T. 7 N., R. 4 E.; T. 7 N., R. 5 E., secs. 4-9 and 17-19 except those portions of secs. 4, 8, 9, and 17-19 lying southerly of the northern boundary of Twentynine Palms Marine Corps Base; T. 8 N., R. 1 W., secs. 1-18, 20-29, and 32-36 except those portions of secs. 6, 7, 17, 18, 20, 29, 32, and 33 lying southwesterly of State Hwy. 247; T. 8 N., R. 1 E.; T. 8 N., R. 2 E., secs. 2-36; T. 8 N., R. 3 E., secs. 7 and 18-36; T. 8 N., R. 4 E., secs. 13-16 and 18-36; T. 8 N., R. 5 E., secs. 16-18, 19-21, 28-30, and 31-33 except those

portions of secs. 16 and 17 lying northerly of Interstate Hwy. 40; T. 8 N., R. 6 E., secs. 18-21 and 27-36 except those portions of secs. 18-21, 27, 28, 34, and 35 lying northerly of Interstate Hwy. 40; T. 9 N., R. 1 W., secs. 19, 20, and 25-36 except those portions of secs. 19, 20, and 29-31 lying westerly of State Hwy. 247; T. 9 N., R. 1 E., secs. 25-36 except those portions of secs. 25-27 lying northerly of Interstate Hwy. 40; T. 9 N., R. 2 E., secs. 27-35 except those portions of secs. 27-30 lying northerly of Interstate Hwy. 40.

**MAP 4**



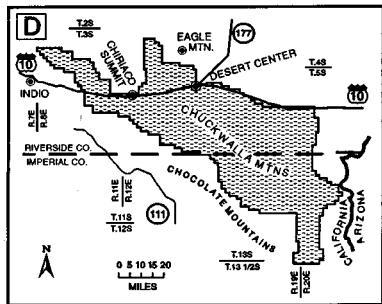
4. *Chuckwalla Unit*. Imperial and Riverside Counties. From BLM Maps: Chuckwalla #18 1978, Parker-Blythe #16 1978, Salton Sea #20 1978, and Midway Well #21 1979. (Index map location D).

San Bernardino Meridian: T. 3 S., R. 13 E., secs. 19-21 and 27-35; T. 4 S., R. 8 E., secs. 1-6, 8-16, 22-26, and 36; T. 4 S., R. 9 E., secs. 6-10, and 15-36; T. 4 S., R. 10 E., secs. 19-21, and 27-34; T. 4 S., R. 13 E., secs. 2-36 except secs. 12 and 13; T. 4 S., R. 14 E., secs. 27-36; T. 4 S., R. 15 E., secs. 31 and 32; T. 5 S., R. 9 E., secs. 1-4, 12, 13, and 24; T. 5 S., R. 10 E., secs. 2-36 except sec. 31; T. 5 S., R. 11 E., secs. 19-21 and 28-33; T. 5 S., R. 12 E., sec. 36; T. 5 S., R. 13 E., secs. 1-36 except secs. 6 and 7; T. 5 S., R. 14 E.; T. 5 S., R. 15 E., secs. 4-9, 16-21, 25, S ½ sec. 26, S ½ sec. 27, and secs. 28-36; T. 5 S., R. 16 E., secs. 28-35; T. 6 S., R. 10 E., secs. 1-4, 9-16, 21-26, 35 and 36; T. 6 S., R. 11 E., secs. 4-36; T. 6 S., R. 12 E.; T. 6 S., R. 13 E.; T. 6 S., R. 14 E.; T. 6 S., R. 15 E.; T. 6 S., R. 16 E.; T. 6 S., R. 17 E., secs. 5-9, and 14-36; T. 6 S., R. 18 E., secs. 29-36; T. 6 S., R. 19 E., secs. 31-36; T. 6 S., R. 20 E., secs. 31-34; T. 7 S., R. 11 E., sec. 1; T. 7 S., R. 12 E., secs. 1-6, 9-15, and 23-25; T. 7 S., R. 13 E., secs. 1-30 and 31-36; T. 7 S., R. 14 E.; T. 7 S., R. 15 E.; T. 7 S., R. 16 E.; T. 7 S., R. 17 E.; T. 7 S., R. 18 E.; T. 7 S., R. 19 E.; T. 7 S., R. 20 E., secs. 3-10, 14-23, and 26-35; T. 8 S., R. 13 E., secs. 1, 2, and 11-14; T. 8 S., R. 14 E., secs. 1-18, and secs. 21-26; T. 8 S., R. 15 E., secs. 1-30 and 34-36; T. 8 S., R. 16 E.; T. 8 S., R. 17 E.; T. 8 S., R. 18 E.; T. 8 S., R. 19 E.; T. 8 S., R. 20 E., secs. 3-10, 15-22, and 28-33; T. 9 S., R. 15 E., sec. 1; T. 9 S., R. 16 E., secs. 1-17, 20-29, and 32-36; T. 9 S., R. 17 E.; T.

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9 S., R. 18 E.; T. 9 S., R. 19 E.; T. 9 S., R. 20 E., secs. 5-8, 17-20, and 29-33; T. 10 S., R. 16 E., secs. 1-5, 9-16, and 22-26; T. 10 S., R. 17 E.; T. 10 S., R. 18 E.; T. 10 S., R. 19 E.; T. 10 S., R. 20 E., secs. 3-36; T. 10 S., R. 21 E., secs. 18-21 and 28-34; T. 10 ½ S., R. 21 E., secs. 31-33; T. 11 S., R. 17 E., secs. 1-5 and 8-15; T. 11 S., R. 18 E., secs. 1-24; T. 11 S., R. 19 E., secs. 1-26, 35, and 36; T. 11 S., R. 20 E., secs. 1-23 and 26-34; T. 11 S., R. 21 E., secs. 4-8; T. 12 S., R. 19 E., secs. 1, 2, 11-14, 23-26, 35, and 36; T. 12 S., R. 20 E., secs. 3-10, 15-22, and 27-34; T. 13 S., R. 19 E., secs. 1, 2, 11, 12, 22-27, and 34-36; T. 13 S., R. 20 E., secs. 3-10, 14-23, and 26-34.

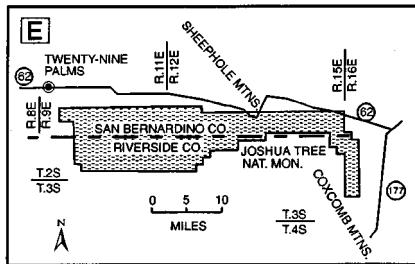
**MAP 5**



*5. Pinto Mountain Unit.* Riverside and San Bernardino Counties. From BLM Maps: Yucca Valley 1982, Sheep Hole Mountains 1978, Chuckwalla 1978, and Palm Springs #17 1978. (Index map location E).

San Bernardino Meridian: T. 1 S., R. 9 E., secs. 10-15, 24, 25, and 36; T. 1 S., R. 10 E., secs. 7-36; T. 1 S., R. 11 E., secs. 7-36; T. 1 S., R. 12 E., secs. 7-36 except sec. 12; T. 1 S., R. 13 E., secs. 13-36; T. 1 S., R. 14 E., secs. 13-32; T. 1 S., R. 15 E., secs. 13-30 and 36; T. 1 S., R. 16 E., secs. 18, 19, and 30-32; T. 2 S., R. 9 E., secs. 1, 12, and 13; T. 2 S., R. 10 E., secs. 1-24; T. 2 S., R. 11 E., secs. 1-24; T. 2 S., R. 12 E., secs. 1-22 except sec. 13; T. 2 S., R. 13 E., secs. 3-6; T. 2 S., R. 15 E., sec. 1; T. 2 S., R. 16 E., secs. 4-9, 16, 17, 20, 21, 28, 29, 32, and 33; T. 3 S., R. 16 E., secs. 4, 5, 8, and 9.

**MAP 6**



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*6. Chemehuevi Unit.* San Bernardino County. From BLM Maps: Sheep Hole Mts. 1978, Parker 1979, Needles 1978, and Amboy 1991. (Index map location F).

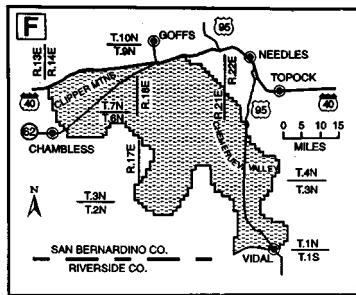
San Bernardino Meridian: T. 1 S., R. 22 E., those portions of secs. 3-5 lying northwestly of the Atchison Topeka and Santa Fe Railroad; T. 1 S., R. 23 E., those portions of secs. 1-3 lying northerly of the Atchison Topeka and Santa Fe Railroad except that portion of sec. 1 lying easterly of U.S. Hwy. 95; T. 1 N., R. 22 E., secs. 1-4, 9-16, 20-29, and 32-36 except those portions of secs. 34-36 lying southerly of the Atchison Topeka and Santa Fe Railroad; T. 1 N., R. 23 E., secs. 1-36 except those portions of secs. 31-34 lying southwesterly of Atchison Topeka and Santa Fe Railroad; T. 1 N., R. 24 E., secs. 4-9, 16-21, and 29-31; T. 2 N., R. 18 E., secs. 1-5, and 9-14; T. 2 N., R. 19 E., secs. 2-10, and 16-18; T. 2 N., R. 22 E., secs. 1-5, 8-16, 21-28, and 33-36; T. 2 N., R. 23 E., secs. 5-8, 17-21, and 26-36; T. 2 N., R. 24 E., secs. 31 and 32; T. 3 N., R. 17 E., secs. 12, 13, 24, and 25; T. 3 N., R. 18 E.; T. 3 N., R. 19 E., secs. 1-35; T. 3 N., R. 20 E., secs. 5-8, 18, and 19; T. 3 N., R. 21 E., secs. 1-5, 9-16, 23, and 24; T. 3 N., R. 22 E., secs. 1-36 except sec. 31; T. 3 N., R. 23 E., secs. 2-11, 14-22, and 28-32; T. 4 N., R. 18 E., secs. 1, 2, 10-15, 21-28, and 32-36; T. 4 N., R. 19 E.; T. 4 N., R. 20 E., secs. 1-12, 16-20, and 29-32; T. 4 N., R. 21 E., secs. 1-17, 20-29, and 32-36; T. 4 N., R. 22 E.; T. 4 N., R. 23 E., secs. 1-35; T. 4 N., R. 24 E., secs. 6, 7, 18, and 19; T. 5 N., R. 15 E., secs. 1-6; T. 5 N., R. 16 E., secs. 4-6; T. 5 N., R. 18 E., secs. 1-6, 8-17, 22-26, 35, and 36; T. 5 N., R. 19 E.; T. 5 N., R. 20 E.; T. 5 N., R. 21 E.; T. 5 N., R. 22 E., secs. 2-36; (Unsurveyed) T. 5 N., R. 23 E., protracted secs. 19, and 29-33; T. 6 N., R. 14 E., secs. 1-3, 10-15, and 23-25; T. 6 N., R. 15 E.; T. 6 N., R. 16 E., secs. 1-23, and 27-34; T. 6 N., R. 17 E., secs. 1-18, 22-26, and 36; T. 6 N., R. 18 E.; T. 6 N., R. 19 E.; T. 6 N., R. 20 E.; T. 6 N., R. 21 E.; T. 6 N., R. 22 E., secs. 3-10, 15-23, and 26-35; T. 7 N., R. 14 E., secs. 1-5, 8-17, 21-28, and 33-36; T. 7 N., R. 15 E.; T. 7 N., R. 16 E.; T. 7 N., R. 17 E.; T. 7 N., R. 18 E.; T. 7 N., R. 19 E.; T. 7 N., R. 20 E.; T. 7 N., R. 21 E.; T. 7 N., R. 22 E., secs. 18-20, and 28-34; T. 8 N., R. 14 E., secs. 13, 23-28, and 31-36 except those portions of secs. 13, 23, 24, 26, 27, 28, 31, 32, and 33 lying northwesterly of Interstate Hwy. 40; T. 8 N., R. 15 E., secs. 9-36 except those portions of secs. 9-12, 17, and 18 lying northwesterly of Interstate Hwy. 40; T. 8 N., R. 16 E., secs. 1, 2, and 7-36 except those portions of secs. 1, 2, and 7-10 and 11 lying northerly of Interstate Hwy. 40; T. 8 N., R. 17 E., secs. 1-36 except those portions of secs. 1-6 lying northerly of Interstate Hwy. 40; T. 8 N., R. 18 E., secs. 1-36 except that portion of sec. 6 lying northerly of Interstate Hwy. 40; T. 8 N., R. 19 E.; T. 8 N., R. 20 E.; T. 8 N., R. 21 E., secs. 7, 17-21, and 27-35; T. 9 N., R. 18 E., those portions of secs. 31-36 lying southerly of Interstate Hwy. 40; T. 9 N., R. 19 E., secs. 23-29 and 31-36 except those portions of secs.

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23, 24, 26-29, 31, and 32 lying northerly of Interstate Hwy. 40; T. 9 N., R. 20 E., secs. 19, 20, and 29-33 except those portions of secs. 19 and 20 lying northerly of Interstate Hwy. 40 and S $\frac{1}{2}$  S $\frac{1}{2}$  sec. 27, SW $\frac{1}{4}$  SW $\frac{1}{4}$  sec. 26, and W $\frac{1}{2}$  W $\frac{1}{2}$  sec. 35.

**MAP 7**

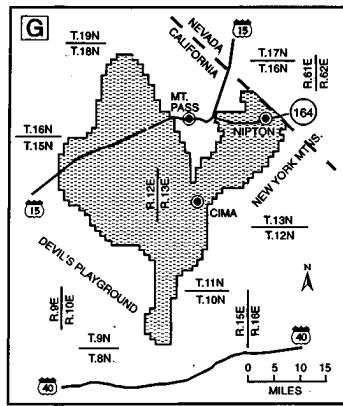


7. *Ivanpah Unit*. San Bernardino County. From BLM Maps: Amboy 1991, Ivanpah 1979, and Mesquite Lake 1990. (Index map location G).

San Bernardino Meridian: T. 9 N., R. 12 E., secs. 1, 2, 11-14, and 24; T. 9 N., R. 13 E., secs. 4-9, 16-21, and 28-30; T. 10 N., R. 12 E., secs. 25, 35, and 36; T. 10 N., R. 13 E., secs. 3-10, 16-21, and 28-33; T. 11 N., R. 12 E., secs. 1, 12, 13, 24, 25, and 36; T. 11 N., R. 13 E., secs. 1-12, 15-21, and 28-33; T. 11 N., R. 14 E., sec. 6; T. 12 N., R. 11 E., secs. 1-5 and 9-15; T. 12 N., R. 12 E., secs. 1-18, 21-27, 35, and 36; T. 12 N., R. 13 E.; T. 12 N., R. 14 E., secs. 4-9, 16-21, and 29-32; T. 13 N., R. 10 E., secs. 1-5, 10-14, 24, and 25; T. 13 N., R. 11 E.; T. 13 N., R. 12 E.; T. 13 N., R. 13 E.; T. 13 N., R. 14 E., secs. 3-9, 16-21, and 28-33; T. 14 N., R. 9 E., secs. 1, 12, 13, and 24; T. 14 N., R. 10 E.; (Unsurveyed) T. 14 N., R. 11 E., Protracted secs. 1-35; T. 14 N., R. 11 E., sec. 36; T. 14 N., R. 12 E.; T. 14 N., R. 13 E.; T. 14 N., R. 14 E., secs. 1-5, 8-17, and 19-35; T. 14 N., R. 15 E., secs. 1-12, and 14-22; T. 14 N., R. 16 E., sec. 6; T. 15 N., R. 9 E., secs. 24, 25, and 36; T. 15 N., R. 10 E., secs. 1-36 except sec. 6; T. 15 N., R. 11 E.; T. 15 N., R. 12 E.; T. 15 N., R. 13 E., secs. 1-11 and 14-36; T. 15 N., R. 14 E., secs. 12, 13, 23-28, and 33-36; T. 15 N., R. 15 E.; T. 15 N., R. 16 E., secs. 1-11, 14-22, and 28-33; T. 15 $\frac{1}{2}$  N., R. 14 E., secs. 24 and 25; T. 15 $\frac{1}{2}$  N., R. 15 E., secs. 19-36; T. 15 $\frac{1}{2}$  N., R. 16 E., secs. 19-35; T. 16 N., R. 10 E., secs. 25, 35, and 36; T. 16 N., R. 11 E.; T. 16 N., R. 12 E.; T. 16 N., R. 12 $\frac{1}{2}$  E., secs. 12, 13, 24, 25, and 36; T. 16 N., R. 13 E., secs. 7, 17-20, and 29-33; T. 16 N., R. 14 E., secs. 24, 25, 35, and 36 except those portions of secs. 24 and 35 lying northwesterly of Interstate Hwy. 15; T. 16 N., R. 15 E., secs. 1-3, 10-14, and 23-36; T. 16 N., R. 16 E., secs. 6-8, 16-22, and 26-36; T. 17 N., R. 11 E., secs. 1-5, 8-17, 20-29, and 31-36; T. 17 N., R. 12 E., secs. 3-10, 14-23, and 26-36; T. 18 N.,

R. 11 E., secs. 13, 14, 22-28, and 33-36; T. 18 N., R. 12 E., secs. 18-20, and 28-33.

**MAP 8**



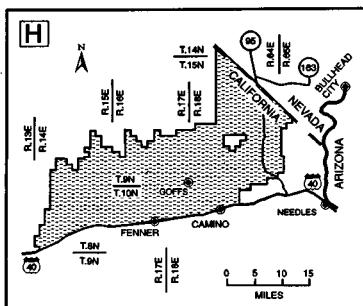
8. *Piute-Eldorado Unit*. San Bernardino County. From BLM Maps: Amboy 1991, Needles 1978, and Ivanpah 1979. (Index map location H).

San Bernardino Meridian: T. 8 N., R. 14 E., secs. 1-4, 8-17, 19-24, 26-30, 32, and 33 except those portions of secs. 13, 23, 24, 26-28, 32, and 33 lying southeasterly of Interstate Hwy. 40; T. 8 N., R. 15 E., secs. 1-12, 17, and 18 except those portions of secs. 1, 8-12, 17, and 18 lying southeasterly of Interstate Hwy. 40; T. 8 N., R. 16 E., secs. 1-10 except those portions of sections 1-3 and 6-10 lying southerly of Interstate Hwy. 40; T. 8 N., R. 17 E., those portions of secs. 1-6 lying northerly of Interstate Hwy. 40; T. 9 N., R. 14 E., secs. 1-3, 10-15, 22-28, and 33-36; T. 9 N., R. 15 E.; T. 9 N., R. 16 E.; T. 9 N., R. 17 E., secs. 1-36 except that portion of sec. 36 lying southerly of Interstate Hwy. 40; T. 9 N., R. 18 E., secs. 1-36 except those portions of secs. 31-36 lying southerly of Interstate Hwy. 40; T. 9 N., R. 19 E., secs. 1-24 and 26-32 except those portions of secs. 26-29, 31, and 32 lying southerly of Interstate Hwy. 40; T. 9 N., R. 20 E., secs. 3-8 and 17-20 except those portions of secs. 19 and 20 lying southerly of Interstate Hwy. 40; T. 10 N., R. 14 E., secs. 11-14, 22-27, and 34-36; T. 10 N., R. 15 E., secs. 1-3, 9-16, and 18-36; T. 10 N., R. 16 E.; T. 10 N., R. 17 E.; T. 10 N., R. 18 E.; T. 10 N., R. 19 E.; T. 10 N., R. 20 E.; T. 10 N., R. 21 E., secs. 3-10, 15-22, and 28-31; T. 11 N., R. 15 E., secs. 9, 15, 16, 21, 22, 25-29, and 33-36; T. 11 N., R. 16 E., secs. 9, 15, 16, 21-23, 25-28, 31, and 33-36; T. 11 N., R. 17 E., secs. 8, 12-17, and 19-36; T. 11 N., R. 18 E., secs. 1-4 and 7-36; T. 11 N., R. 19 E., secs. 1-13, 18, 19, 23-27, and 29-36; T. 11 N., R. 20 E., secs. 1-11, 14-23, and 26-35; T. 12 N., R. 19 E.; T. 12 N., R. 20 E., secs. 3-11 and 13-36; T. 12 N., R. 21 E., secs. 19, 30, and 31; T. 13 N., R. 19 E., secs. 3-

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11 and 13-36; T. 13 N., R. 20 E., secs. 19 and 29-33; T. 14 N., R. 19 E., secs. 19 and 29-33.

**MAP 9**



Nevada. Areas of land as follows:

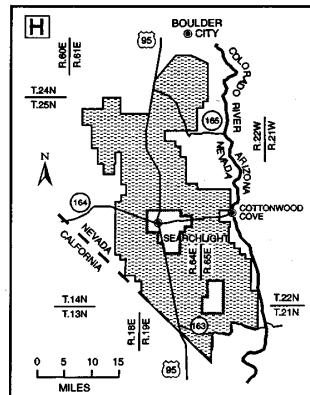
9. *Piute-Eldorado Unit*. Clark County. From BLM Maps: Mesquite Lake 1990, Boulder City 1978, Ivapah 1979, and Davis Dam 1979. (Index map location H).

Mt. Diablo Meridian: T. 23 S., R. 64 E., secs. 31-36 except that portion of sec. 31 lying northwesterly of the powerline and also except those portions of secs. 34-36 lying north-easterly of the powerline; T. 23 ½ S., R. 64 E., secs. 31-36 except that portion of sec. 31 lying northwesterly of the powerline; T. 23 ½ S., R. 65 E., that portion of sec. 31 lying southwesterly of the powerline; T. 24 S., R. 63 E., secs. 1, 2, 11-15, 22-28, and 33-36 except those portions of secs. 1, 2, 11, 14, and 15 lying northwesterly of the powerline and those portions of secs. 22, 27, 28, and 33 lying northwesterly of U.S. Hwy. 95; T. 24 S., R. 64 E.; T. 24 S., R. 65 E., secs. 6, 7, 18, 19, 30, and 31; T. 25 S., R. 61 E., secs. 13-15, E ½ sec. 16, E ½ sec. 21, secs. 22-27, E ½ sec. 28, secs. 35 and 36; T. 25 S., R. 62 E., secs. 4-9, and secs. 16-36; T. 25 S., R. 63 E., secs. 1-4, 9-16, and 19-36 except those portions of secs. 4, 9, and 16 lying northwesterly of U.S. Hwy. 95; T. 25 S., R. 64 E., secs. 1-35 except secs. 13, 24, and 25; T. 25 S., R. 65 E., sec. 6; T. 26 S., R. 61 E., secs. 1, 2, 11-14, 24, 25, and 36; T. 26 S., R. 62 E., secs. 1-36 except secs. 28 and 33; T. 26 S., R. 63 E., secs. 2-36 except sec. 12; T. 26 S., R. 64 E., secs. 18-20, and 29-33; T. 27 S., R. 62 E., secs. 1-3, 5-8, 10-15, 22-26, 35, and 36; T. 27 S., R. 62 ½ E., secs. 1, 12, 13, 24, 25, and 36; T. 27 S., R. 63 E.; T. 27 S., R. 64 E., secs. 4-9, 16-21, and 26-36; T. 27 S., R. 65 E., secs. 31-35; T. 28 S., R. 62 E., secs. 1-3, 9-16, 21-28, and 33-36; T. 28 S., R. 63 E., secs. 1-20, and 29-32; T. 28 S., R. 64 E., secs. 1-18, 21-26, 35, and 36; T. 28 S., R. 65 E., secs. 2-11, 14-21, and 28-35; T. 29 S., R. 62 E., secs. 1-4, 9-16, 21-28, 34, 35 and 36; T. 29 S., R. 63 E., secs. 5-10, 15-23, and 26-36; T. 29 S., R. 64 E., secs. 1-3, 9-16, 21-28, and 31-36; T. 29 S., R. 65 E., secs. 2-36 except secs. 12 and 13; T. 29 S., R. 66 E., secs. 30-32; T. 30 S., R. 62 E., secs. 1, 2, and 11-14; T. 30 S., R. 63 E., secs. 1-

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36 except secs. 30 and 31; T. 30 S., R. 64 E.; T. 30 S., R. 65 E., secs. 1-26, 30, 31, 35, and 36; T. 30 S., R. 66 E., secs. 4-9, 16-21, and 28-33; T. 31 S., R. 63 E., secs. 1-5, 8-16, 22-26, and 36; T. 31 S., R. 64 E.; T. 31 S., R. 65 E., secs. 1, 2, 6, 11-14, and 23-36 except that portion of sec. 36 lying southwesterly of State Hwy. 163; T. 31 S., R. 66 E., secs. 3-10, 15-22, and 27-34 except that portion of sec. 31 lying southwesterly of State Hwy. 163; T. 32 S., R. 64 E., secs. 1-6, 8-16, 22-26, and 36; T. 32 S., R. 65 E., secs. 1-12, 17-20, and 29-32 except those portions of secs. 1 and 9-12 lying southeasterly or easterly of State Hwy. 163; T. 32 S., R. 66 E., those portions of secs. 3-6 lying northerly of State Hwy. 163; T. 33 S., R. 65 E., sec. 5.

**MAP 10**

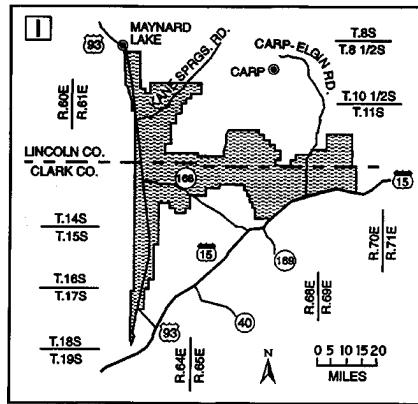


10. *Mormon Mesa Unit*. Clark and Lincoln Counties. From BLM Maps: Pahrangat 1978, Clover Mts. 1978, Overton 1978, Indian Springs 1979, Lake Mead 1979, and Las Vegas 1986. (Index map location I).

Mt. Diablo Meridian: T. 9 S., R. 62 E., secs. 13-15, 22-27, and 34-36 except those portions of secs. 15, 22, 27, and 34 lying westerly of the easterly boundary line of the Desert National Wildlife Range; T. 9 S., R. 63 E., secs. 18, 19, 30, and 31; T. 10 S., R. 62 E., secs. 1, 2, 11-14, 23-25, and 36 except those portions of secs. 14, 23, 35, and 36 lying westerly of the easterly boundary line of the Desert National Wildlife Range; T. 10 S., R. 63 E., secs. 6, 7, 13-15, 18-20, and 22-36; T. 10 S., R. 64 E., secs. 13-24 and 26-34; T. 10 S., R. 65 E., secs. 18, and 19; T. 11 S., R. 62 E., that portion of sec. 1 lying easterly of the easterly boundary line of the Desert National Wildlife Range; T. 11 S., R. 63 E.; T. 11 S., R. 64 E., secs. 4-9, 17-20, 30, and 31; T. 11 S., R. 66 E., secs. 31-36; T. 12 S., R. 63 E.; T. 12 S., R. 64 E., secs. 6, 7, and 25-36; T. 12 S., R. 65 E., secs. 1, 12, 13, and 24-36 except those portions of secs. 1, 2, 13, and 24 lying westerly of Union Pacific Railroad; T. 12 S., R. 66 E.; T. 12 S., R. 67 E., secs. 6-8, 16-22, and 27-33; T. 12 S., R. 68 E.,

secs. 23-29 and 31-36; T. 12 S., R. 69 E., secs. 1-5, 8-17, and 19-36; T. 12½ S., R. 62 E., that portion of sec. 36 lying easterly of the easterly boundary line of the Desert National Wildlife Range; T. 13 S., R. 62 E., those portions of secs. 1, 12, 13, 24, and 25 lying easterly of the easterly line of the Desert National Wildlife Range; T. 13 S., R. 63 E.; T. 13 S., R. 64 E.; T. 13 S., R. 65 E., secs. 1-24, N ½ 26, N ½ 27, N ½ and SW ¼ sec. 28, 29-32, and W ½ 33; T. 13 S., R. 66 E., secs. 1-26, W ½ sec. 27, 35, and 36; T. 13 S., R. 67 E.; T. 13 S., R. 68 E., secs. 1-36 except those portions of secs. 25 and 33-36 lying southeasterly of Interstate Hwy. 15; T. 13 S., R. 69 E., secs. 1-30 except those portions of secs. 25-30 lying southerly of Interstate Hwy. 15; T. 13 S., R. 70 E., secs. 6, 7, 18, 19, 30, and 31 except those portions of secs. 30 and 31 lying southerly of Interstate Hwy. 15; T. 13½ S., R. 63 E., secs. 31-36; T. 13½ S., R. 64 E., secs. 31-36 except that portion of sec. 36 lying southwesterly of State Hwy. 168; T. 14 S., R. 63 E., secs. 1-23, and 26-35; T. 14 S., R. 64 E., secs. 2-6, 8-11, 15, and 16; T. 14 S., R. 66 E., secs. 1, E ½ sec. 2, 12, E ½ sec. 13, and E ½ sec. 24; T. 14 S., R. 67 E., secs. 1-12 and 14-22 except those portions of secs. 12, 14, 15, 21, and 22 lying southerly of Interstate Hwy. 15; T. 14 S., R. 68 E., those portions of secs. 4-7 lying northwesterly of Interstate Hwy. 15; T. 15 S., R. 63 E., secs. 2-11, 14-22, and 27-34; T. 16 S., R. 63 E., secs. 3-10, 15-22, and 28-33; T. 17 S., R. 63 E., secs. 7-9, 16-21, and 28-32 except those portions of secs. 29 and 32 lying easterly of the westerly boundary line of the Apex Disposal Road; T. 18 S., R. 63 E., secs. 5-8, 17-19, and 29-31 except those portions of secs. 5, 8, 17-19, and 29-31 lying easterly of the westerly boundary line of the Apex Disposal Road and that portion of sec. 31 lying westerly of the easterly boundary line of Desert National Wildlife Range.

MAP 11

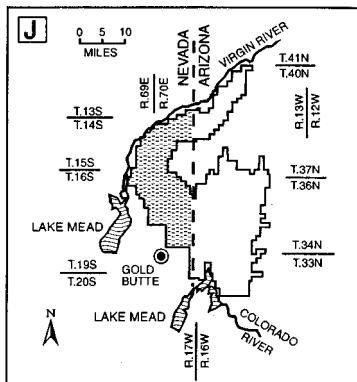


11. Gold Butte-Pakoon Unit. Clark County. From BLM Maps: Overton 1978 and Lake Mead 1979. (Index map location J).

Mt. Diablo Meridian: T. 13 S., R. 71 E., secs. 32-34; T. 14 S., R. 69 E., secs. 24-26, and 34-36; T. 14 S., R. 70 E., secs. 1, and 10-36; T. 14 S., R. 71 E., secs. 3-10, 15-22, and 27-34; T. 15 S., R. 69 E., secs. 1-3, 9-16, 21-28, and 33-36; T. 15 S., R. 70 E., secs. 2-11, 15-22, and 28-33; T. 16 S., R. 69 E., secs. 1-36 except secs. 6, 7, and 29-32; T. 16 S., R. 70 E., secs. 4-36 except sec. 12; T. 16 S., R. 71 E., secs. 19, and 29-32; T. 17 S., R. 69 E., secs. 1-3, 11-14, 24, 25, and 36; T. 17 S., R. 70 E.; T. 17 S., R. 71 E., secs. 4-10, 15-22, and 27-34; T. 18 S., R. 69 E., sec. 1; T. 18 S., R. 70 E., secs. 1-6, 10-15, 22-27, and 34-36; T. 18 S., R. 71 E., secs. 3-10, 15-22, and 27-34; T. 19 S., R. 71 E., secs. 3, 4, 9, 10, 15, 16, 21, 22, 27, 28, 33 and 34; T. 20 S., R. 71 E., secs. 3 and 4.

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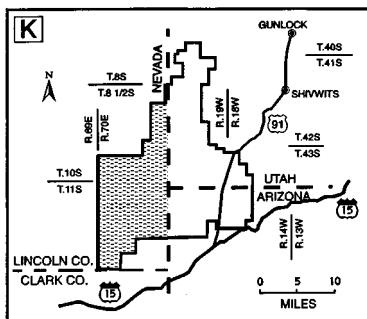
MAP 12



12. *Beaver Dam Slope Unit*, Lincoln County. From BLM Maps: Clover Mountains 1978 and Overton 1978. (Index map location K).

Mt. Diablo Meridian: T. 8 1/2 S., R. 71 E., that portion of sec. 34 lying south of a westerly extension of the north line of sec. 26, T. 41 S., R. 20 W. (Salt Lake Meridian), Washington County, Utah; T. 9 S., R. 71 E., secs. 3, 10, 15-17, 20-22, 27-29, and 32-34; T. 10 S., R. 70 E., secs. 19-36; T. 10 S., R. 71 E., secs. 3-5, 7-10, 15-22, and 27-34; T. 11 S., R. 70 E.; T. 11 S., R. 71 E., secs. 3-10, 15-22, and 27-34; T. 12 S., R. 70 E., secs. 1-12, 14-23, and 28-33; T. 12 S., R. 71 E., secs. 3-10.

MAP 13



Utah. Areas of land as follows:

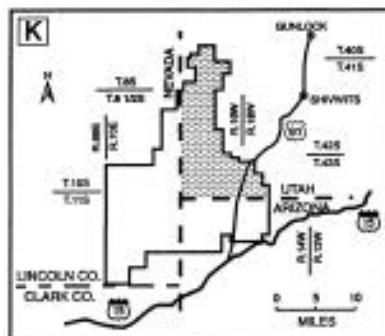
13. *Beaver Dam Slope Unit*. Washington County. From BLM Maps: St. George 1980 and Clover Mts. 1978 (Index map location K).

Salt Lake Meridian: T. 40 S., R. 19 W., S 1/2 sec. 28, S 1/2 sec. 29, S 1/2 sec. 31, secs. 32 and 33; T. 41 S., R. 19 W., S 1/2 sec. 2, S 1/2 sec. 3, secs. 4, 5, 6, E 1/2 sec. 7, secs. 8-11, 15-17, E 1/2 sec. 18, and secs. 19-22, and 28-33; T. 41 S., R. 20 W., E 1/2 sec. 1, secs. 24-26, 35, and 36; T. 42 S., R. 19 W., secs. 4-9, 16-22, and 27-34; T. 42 S., R. 20 W., secs. 1, 2, 11-14, 23-26, 35, and 36; T. 43 S., R. 18 W., secs. 7, 8, S 1/2 sec. 16,

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secs. 17-21, and 27-34; T. 43 S., R. 19 W., secs. 1-36 except N 1/2 sec. 1; T. 43 S., R. 20 W., secs. 1, 2, 11-14, 23-26, 35, and 36.

MAP 14



14. *Upper Virgin River Unit*. Washington County. From BLM Map: St. George 1980. (Index map location L).

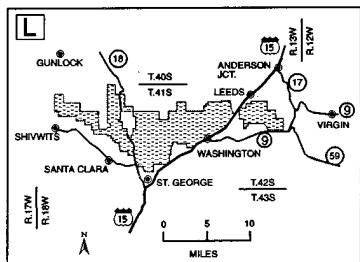
Salt Lake Meridian: T. 41 S., R. 13 W., secs. 17-21 except NW 1/4 NW 1/4 sec. 18, also W 1/2 and W 1/2 E 1/2 sec. 27, sec. 28 except that portion lying westerly of Gould Wash, N 1/2 sec. 29, N 1/2 sec. 30, N 1/2 N 1/2 sec. 33 except that portion lying westerly of Gould Wash, and N 1/2 NW 1/4 and NW 1/4 NE 1/4 sec. 34; T. 41 S., R. 14 W., S 1/2 S 1/2 and NE 1/4 SE 1/4 and SE 1/4 NE 1/4 sec. 13, that portion of sec. 14 lying westerly of Red Cliff Road, secs. 15-17 except N 1/2 NW 1/4 and SW 1/4 NW 1/4 sec. 17, secs. 19-22, that portion of sec. 23 lying westerly of Red Cliff Road and westerly of Interstate Hwy. 15, sec. 24, E 1/2 and N 1/2 SE 1/4 and SW 1/4 SE 1/4 sec. 25, and those portions of secs. 26, 27, and 32-34 lying northwesterly of Interstate Hwy. 15; T. 41 S., R. 15 W., secs. 14, 19, 20, and 22-36; T. 41 S., R. 16 W., secs. 4, 9, 10, S 1/2 sec. 14, 15-16, 19, 21, W 1/2 sec. 22, secs. 24-25 except W 1/2 SW 1/4 sec. 24 and W 1/2 NW 1/4 and NW 1/4 SW 1/4 sec. 25, and W 1/2 W 1/2 sec. 25, SW 1/4 NE 1/4 and NW 1/4 NW 1/4 and S 1/2 NW 1/4 and SW 1/4 and W 1/2 SE 1/4 sec. 27, E 1/2 and E 1/2 W 1/2 and NW 1/4 NW 1/4 and SW 1/4 SW 1/4 sec. 28, N 1/2 and SE 1/4 and E 1/2 SW 1/4 sec. 30, NE 1/4 sec. 31, N 1/2 sec. 32, N 1/2 and SE 1/4 and N 1/2 SW 1/4 sec. 33, sec. 34, SE 1/4 SE 1/4 and that portion of sec. 35 lying westerly of State Hwy. 18, and sec. 36; T. 41 S., R. 17 W., secs. 9, 14-16, NE 1/4 sec. 21, N 1/2 sec. 22, NW 1/4 and E 1/2 sec. 23, sec. 24, and NE 1/4 sec. 25; T. 42 S., R. 14 W., those portions of secs. 5 and 6 lying northwesterly of Interstate Hwy. 15; T. 42 S., R. 15 W., sec. 1, N 1/2 and N 1/2 S 1/2 sec. 2, NE 1/4 and W 1/2 sec. 3, secs. 4-9, W 1/2 W 1/2 sec. 10, N 1/2 N 1/2 sec. 12, secs. 16-18, N 1/2 and N 1/2 SE 1/4 and NE 1/4 SW 1/4 sec. 19, and W 1/2 NW 1/4 and NW 1/4 SW 1/4 sec. 20, except those portions of secs. 1 and 12 lying south-easterly of Interstate Hwy. 15; T. 42 S., R. 16

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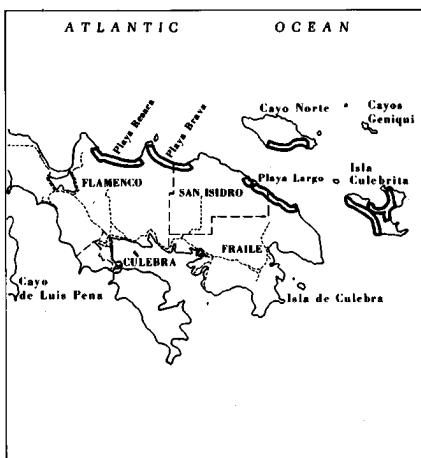
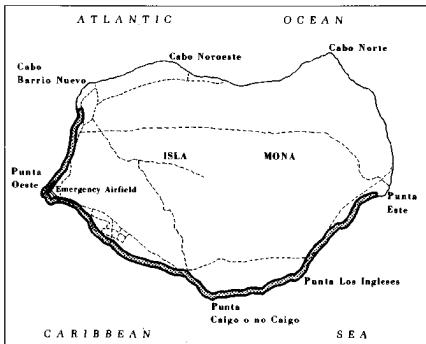
W., secs. 1-2, NW 1/4 and E 1/2 sec. 3, NE 1/4 NE 1/4 sec. 4, NE 1/4 sec. 10, NW 1/4 and E 1/2 sec. 11-12, E 1/2 and NW 1/4 and N 1/2 SW 1/4 sec. 13 except that portion lying westerly of State Hwy. 18, and N 1/2 NE 1/4 sec. 24.

**MAP 15**



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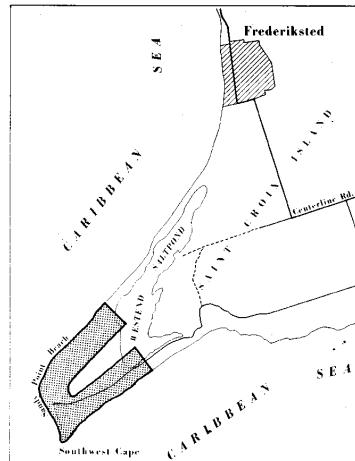
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LEATHERBACK SEA TURTLE (*Dermochelys coriacea*)

U.S. Virgin Islands—A strip of land 0.2 mile wide (from mean high tide inland) at Sandy Point Beach on the western end of the island of St. Croix beginning at the southwest cape to the south and running 1.2 miles northwest and then northeast along the western and northern shoreline, and from the southwest cape 0.7 mile east along the southern shoreline.

NOTE: Map follows:



PLYMOUTH RED-BELLIED TURTLE (*Chrysemys rubriventris bangsi*)

Massachusetts (Plymouth County).

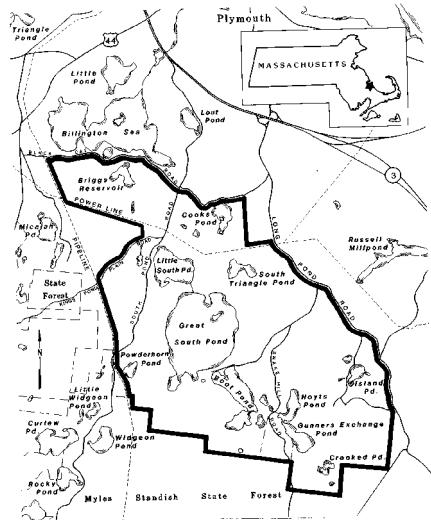
An area including Briggs Reservoir, Cooks Pond, Little South Pond, South Triangle Pond, Great South Pond, Powderhorn Pond, Boat Pond, Hoyte Pond, Gunners Exchange Pond, Crooked Pond and Island Pond as follows: Beginning at the intersection of the centerline of the right-of-way of the Boston Edison and New Bedford Gas and Edison Light Company transmission lines and the westerly right-of-way line of Long Pond Road, thence southeasterly, along the westerly right-of-way line of Long Pond Road, 10,370 feet to the intersection of the said right-of-way line and the boundary line of the Myles Standish State Forest; thence southerly and westerly, along the boundary line of the Myles Standish State Forest, crossing and re-crossing Snake Hill Road, 11,200 feet, more or less; thence westerly, leaving the boundary line of the State Forest, 1,550 feet, more or less, to the boundary line of the Myles Standish State Forest; thence westerly, along the boundary line of the Myles Standish State Forest, 9,180 feet, more or less, to the intersection of the boundary of the said State Forest and the easterly right-of-way line of the Algonquin Gas Transmission Company pipeline; thence northerly, along the easterly right-of-way line of the said pipeline, 6,223 feet, more or less, to the intersection of the easterly right-of-way line of the said pipeline and the northerly right-of-way line of Kings Pond Plain Road; thence northeasterly, along the northerly right-of-way line of said road 3,100 feet to a point; thence northerly, 800 feet, more or less, to the southerly right-of-way line of the Boston Edison and new Bedford Gas and Edison Light Company transmission

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lines; thence northwesterly, along the southerly right-of-way base of the said transmission lines, 4,150 feet, more or less, to the intersection of the southerly right-of-way line of the said transmission lines and the easterly right-of-way line of the Algonquin Gas Transmission Company pipeline; thence northerly, along the easterly right-of-way line of the said pipeline, 2,500 feet, more or less, to the intersection of the easterly right-of-way line of the said pipeline and the southerly right-of-way line of Black Cat Road; thence southeasterly, along the southerly right-of-way line of said road, crossing South Pond Road and continuing southeasterly, along the southerly right-of-way line of an unnamed road, 10,370 feet, more or less, to a point; thence southerly 2,300 feet, more or less, to the northerly right-of-way line of the Boston Edison and New Bedford Gas and Edison Light Company transmission lines, thence easterly, along the northerly right-of-way line of the said transmission lines, 1,300 feet, more or less, to the intersection of the northerly right-of-way line of the said transmission lines and the westerly right-of-way line of Long Pond Road; thence southerly, along the westerly right-of-way line of said road, 100 feet, more or less, the place of beginning.

NOTE: Map follows:



(d) *Amphibians.*

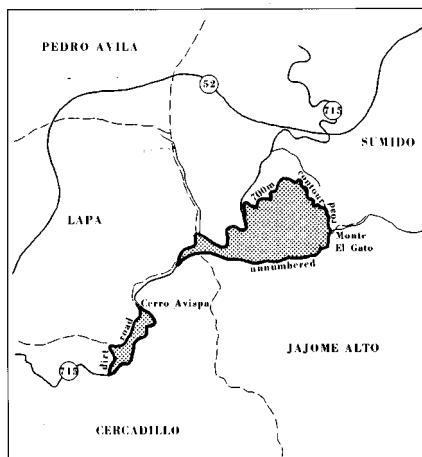
**GOLDEN COQUI (*Eleutherodactylus jasperi*)**

Puerto Rico. Areas of land, water and air-space with the following components: (1) Cerro Avispa-elevation above 700 meters on the south and southeastern slope of the mountain: from the northern junction of Highway 715 and an unnumbered dirt road southeast and southwest along Highway 715 to the southern junction with the same unnumbered dirt road and Highway 715, north and northeast along the unnumbered dirt road just below the southeast facing crest of Cerro Avispa to its junction with Highway 715.

(2) Monte el Gato-entire summit above 700 meters: from the junction of Highway 715 to the junction of Highway 715 and the 700 meter contour interval west along Highway 715 to the junction of Highway 715 and an unnumbered road, north and northeast along this road to where it crosses the 700 meter contour interval, and east along the 700 meter contour interval to where it crosses Highway 715.

(3) Sierra de Cayey-elevations above 700 meters: southeast from the junction of Highways 738 and 15 along Highway 15 to point .5 kilometer south of Benchmark 684.5, northeast from this point in a line to a point on Highway 7741 two kilometers south of the junction of Highway 738 and 7741, north and northwest along Highway 7741 to its junction with Highway 738, and northwest from the junction of Highways 7741 and 738 along Highway 738 to its junction with Highway 15.

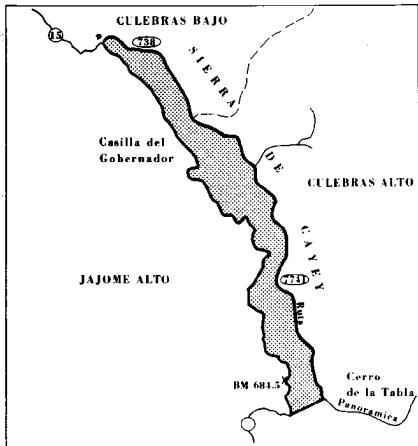
NOTE: Map follows:



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Refer to 7.5 minute U.S.G.S. Topographical Map, Cayey, Puerto Rico, 1972.

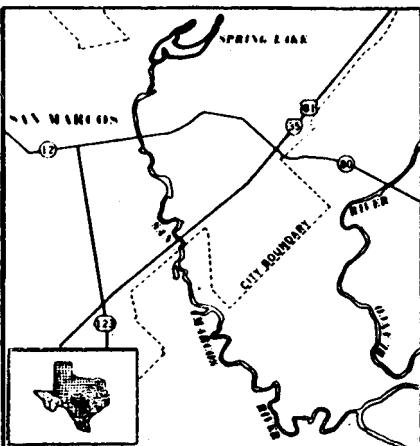
NOTE: Map follows:



SAN MARCOS SALAMANDER (*Eurycea nana*)

Texas, Hays County; Spring Lake and its outflow, the San Marcos River, downstream approximately 50 meters from the Spring Lake Dam.

NOTE: Map follows:



HOUSTON TOAD (*Bufo houstonensis*)

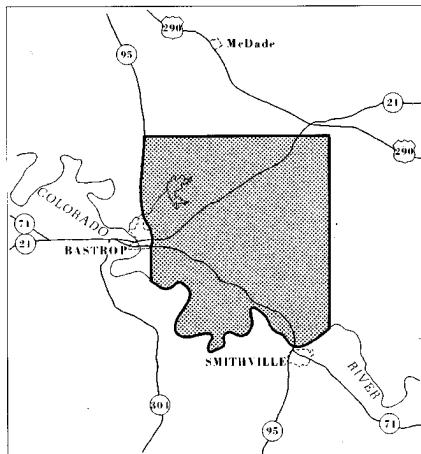
Texas: Areas of land, water, and airspace as follows:

(1) *Bastrop County*. From the junction of a line corresponding to  $30^{\circ}12'00''$  N. and Texas State Highway 95 east along a line corresponding to  $30^{\circ}12'00''$  N. to where it intersects a line corresponding to  $97^{\circ}7'30''$  W. and south along a line corresponding to  $97^{\circ}7'30''$  W. to where it intersects the Colorado River,

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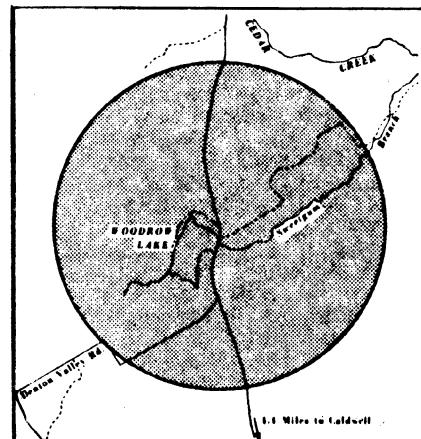
west and northwest along the north bank of the Colorado River to the due southward extension of Texas State Highway 95, and north along that extension and Texas State Highway 95 to where it intersects a line corresponding to  $30^{\circ}12'00''$  N.

NOTE: Map follows:



(2) *Burleson County*. A circular area with a 1-mile radius, the center being the north entrance to Lake Woodrow from Texas FM 2000.

NOTE: Map follows:



(e) *Fishes*.

**YAQUI CATFISH (*Ictalurus pricei*)**

Arizona, Cochise County. All aquatic habitats of San Bernardino NWR in S $\frac{1}{2}$  Sec. 11; Sec. 14; S $\frac{1}{2}$  and NE $\frac{1}{4}$  Sec. 15; T24S, R30E.

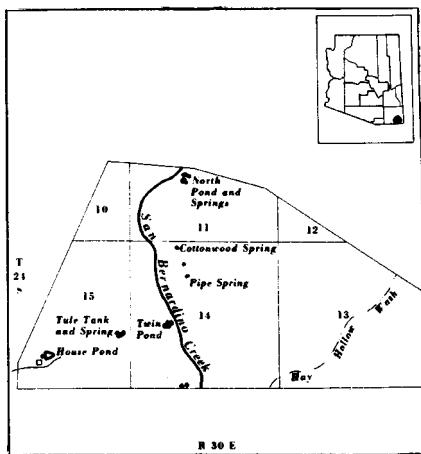
Known constituent elements include clean unpolluted permanent water in streams with

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medium current with clear pools in the Rio Yaqui drainage. These waters should be without introduced exotic fishes.

NOTE: Map follows:



**ALABAMA CAVEFISH (*Speoplatyrrhinus poulsoni*)**

Alabama. Lauderdale County. More specific locality data for Federal agencies fulfilling their obligations under Section 7 of the Endangered Species Act of 1973 can be obtained from the Office of Endangered Species, U.S. Fish and Wildlife Service, Washington, DC 20240.

NOTE: No map.

**BONYTAIL CHUB (*Gila elegans*)**

Description of areas taken from the Bureau of Land Management (BLM) 1:100,000 scale maps (available from BLM State Offices): Rangely, CO 1989; Canyon of Lodore, CO 1990; Seep Ridge, UT/CO 1982; La Sal, UT/CO 1985; Hite Crossing, UT 1982; Parker, AZ/CA 1980; Davis Dam, AZ/NV/CA 1982; Boulder City, NV/AZ 1978; Needles, CA 1986.

Colorado: Moffat County. The Yampa River from the boundary of Dinosaur National Monument in T.6N., R.99W., sec. 27 (6th Principal Meridian) to the confluence with the Green River in T.7N., R.103W., sec. 28 (6th Principal Meridian).

Utah: Uintah County; and Colorado: Moffat County. The Green River from the confluence with the Yampa River in T.7N., R.103W., sec. 28 (6th Principal Meridian) to the boundary of Dinosaur National Monument in T.6N., R.24E., sec. 30 (Salt Lake Meridian).

Utah: Uintah and Grand Counties. The Green River (Desolation and Gray Canyons) from Sumner's Amphitheater in T.12S., R.18E., sec. 5 (Salt Lake Meridian) to

Swasey's Rapid in T.20S., R.16E., sec. 3 (Salt Lake Meridian).

Utah: Grand County; and Colorado: Mesa County. The Colorado River from Black Rocks in T.10S., R.104W., sec. 25 (6th Principal Meridian) to Fish Ford in T.21S., R.24E., sec. 35 (Salt Lake Meridian).

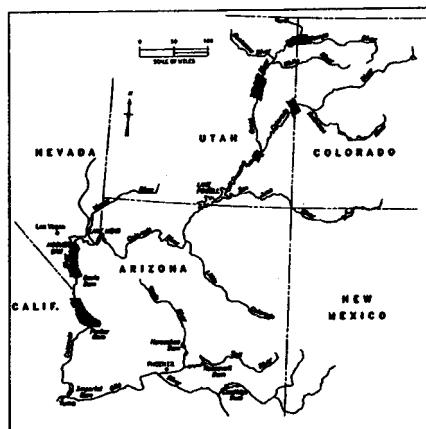
Utah: Garfield and San Juan Counties. The Colorado River from Brown Betty Rapid in T.30S., R.18E., sec. 34 (Salt Lake Meridian) to Imperial Canyon in T.31S., R.17E., sec. 28 (Salt Lake Meridian).

Arizona: Mohave County; Nevada: Clark County; and California: San Bernardino County. The Colorado River from Hoover Dam in T.30N., R.23W., sec. 3 (Gila and Salt River Meridian) to Davis Dam in T.21N., R.21W., sec. 18 (Gila and Salt River Meridian) including Lake Mohave up to its full pool elevation.

Arizona: Mohave County; and California: San Bernardino County. The Colorado River from the northern boundary of Havasu National Wildlife Refuge in R.22W., T.16N., sec. 1 (Gila and Salt River Meridian) to Parker Dam in T.11N., R.18W., sec. 16 (Gila and Salt River Meridian) including Lake Havasu up to its full pool elevation.

Known constituent elements include water, physical habitat, and biological environment as required for each particular life stage for each species.

NOTE: Map follows:



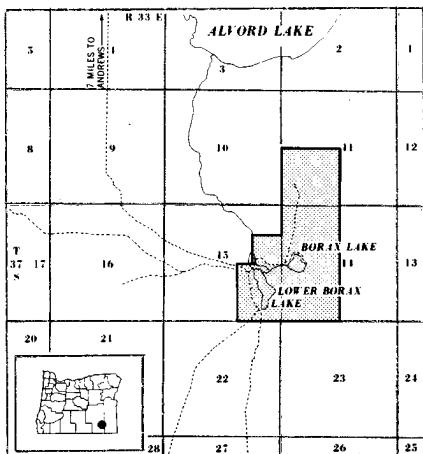
**BORAX LAKE CHUB (*Gila boraxobius*)**

Oregon. Harney County. Borax Lake and environments associated with the outflow from Borax Lake located within SW $\frac{1}{4}$  Sec. 11, W $\frac{1}{2}$  Sec. 14, E $\frac{3}{4}$  of the SE $\frac{1}{4}$  Sec. 15, and the SE $\frac{1}{4}$  of the NE $\frac{1}{4}$  Sec. 15; T37S; R33E.

NOTE: Map follows:

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HUMPBACK CHUB (*Gila cypha*)

Description of areas taken from BLM 1:100,000 scale maps (available from BLM State Offices): Rangely, CO 1989; Canyon of Lodore, CO 1990; Seep Ridge, UT/CO 1982; Vernal, UT/CO 1982; Grand Junction, CO 1990; Moab, UT/CO 1985; La Sal, UT/CO 1985; Tuba City, AZ 1983; Peach Springs, AZ 1980; Grand Canyon, AZ 1980; Mt. Trumbull, AZ 1979.

Colorado: Moffat County. The Yampa River from the boundary of Dinosaur National Monument in T.6N., R.99W., sec. 27 (6th Principal Meridian) to the confluence with the Green River in T.7N., R.103W., sec. 28 (6th Principal Meridian).

Utah: Uintah County; and Colorado: Moffat County. The Green River from the confluence with the Yampa River in T.7N., R.103W., sec. 28 (6th Principal Meridian) to the southern boundary of Dinosaur National Monument in T.6N., R.24E., sec. 30 (Salt Lake Meridian).

Utah: Uintah and Grand Counties. The Green River (Desolation and Gray Canyons) from Sumner's Amphitheater in T.12S., R.18E., sec. 5 (Salt Lake Meridian) to Swasey's Rapid in T.20S., R.16E., sec. 3 (Salt Lake Meridian).

Utah: Grand County; and Colorado: Mesa County. The Colorado River from Black Rocks in T.10S., R.104W., sec. 25 (6th Principal Meridian) to Fish Ford River in T.21S., R.24E., sec. 35 (Salt Lake Meridian).

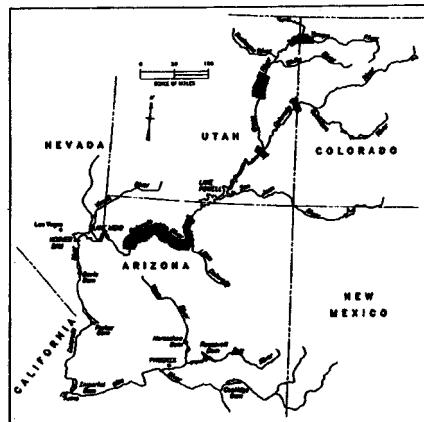
Utah: Garfield and San Juan Counties. The Colorado River from Brown Betty Rapid River in T.30S., R.18E., sec. 34 (Salt Lake Meridian) to Imperial Canyon in T.31S., R.17E., sec. 28 (Salt Lake Meridian).

Arizona: Coconino County. The Little Colorado River from river mile 8 in T.32N., R.6E., sec. 12 (Salt and Gila River Meridian) to the confluence with the Colorado River in

T.32N., R.5E., sec. 1 (Salt and Gila River Meridian).

Arizona: Coconino County. The Colorado River from Nautiloid Canyon in T.36N., R.5E., sec. 35 (Salt and Gila River Meridian) to Granite Park in T.30N., R.10W., sec. 25 (Salt and Gila River Meridian).

Known constituent elements include water, physical habitat, and biological environment as required for each particular life stage for each species.

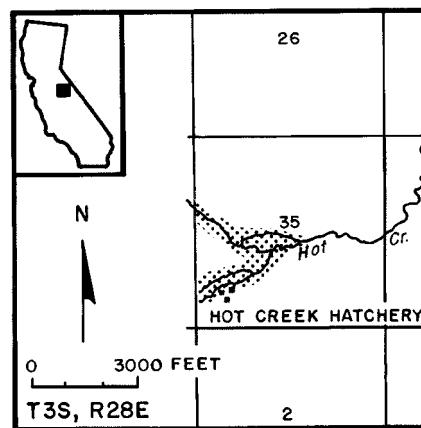


OWENS TUI CHUB (*Gila bicolor snyderi*)

CALIFORNIA, MONO COUNTY

1. Hot Creek, adjacent springs and their outflows in the vicinity of Hot Creek Hatchery, and 50 feet of riparian habitat on all sides of the creek and springs in T3S, R28E, SW $\frac{1}{4}$  Section 35.

NOTE: Map follows:

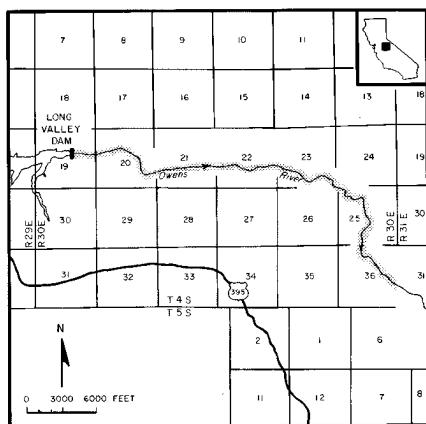


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2. Owens River, and 50 feet on both sides of the river, from Long Valley Dam downstream for 8 stream miles in T4S, R30E, Sections 19, 20, 21, 22, 23, 24, 25, and 36.

NOTE: Map follows:



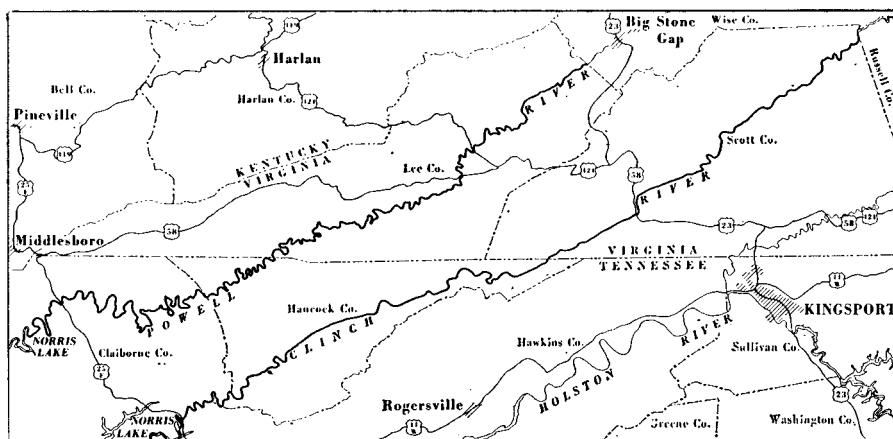
Known constituent elements include high quality, cool water with adequate cover in the form of rocks, undercut banks, or aquatic vegetation and a sufficient insect food base.

**SLENDER CHUB (*Erimystax* = *Hybopsis*) *cahni*)**

Tennessee. Claiborne and Hancock Counties. Powell River, main channel from backwaters of Norris Lake upstream to the Tennessee-Virginia State line. Clinch River, main channel from backwaters of Norris Lake upstream to the Tennessee-Virginia State line.

Virginia. Lee and Scott Counties. Powell River, main channel from the Tennessee-Virginia State line upstream through Lee County, Va. Clinch River, main channel from the Tennessee-Virginia State line upstream through Scott County, Va.

NOTE: Map follows:



**SONORA CHUB (*Gila ditaenia*)**

Arizona, Santa Cruz County. An area of land and water in the Coronado National Forest, consisting of the following:

1. Sycamore Creek, and a riparian zone 25 feet wide along each side of the creek, from Yank's Spring downstream approximately 5 stream miles to the International Border with Mexico within sections 14, 22, 23, 27, 33, and 34, T. 23 S.; R. 11 E.

2. Yank's Spring in the SE $\frac{1}{4}$  of the NW $\frac{1}{4}$  of sec. 14, T. 23 S.; R. 11 E.

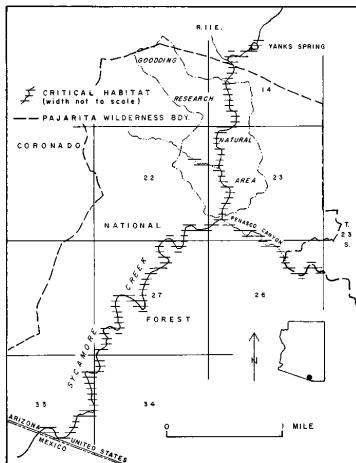
3. Penasco Creek, including a riparian zone 25 feet wide along each side of the creek,

from its confluence with Sycamore Creek (SW $\frac{1}{4}$  of the SW $\frac{1}{4}$  of sec. 23, T. 23 S.; R. 11 E.) upstream approximately 1/4 miles to the east boundary of sec. 26, T. 23 S. R. 11 E.;

4. An unnamed tributary to Sycamore Creek, from its confluence with Sycamore Creek (SW $\frac{1}{4}$  of the NW $\frac{1}{4}$  of sec. 23, T. 23 S.; R. 11 E.) upstream approximately 1/4 mile to the west boundary of the NE $\frac{1}{4}$  of the SE $\frac{1}{4}$  of the NE $\frac{1}{4}$  sec. 22, T. 23 S.; R. 11 E.

NOTE: Map follows:

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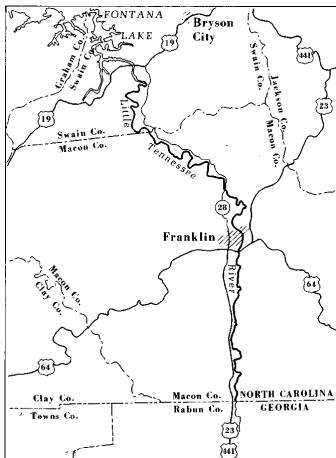


Known primary constituent elements include clean permanent water with pools and intermediate riffle areas and/or intermittent pools maintained by bedrock or by subsurface flow in areas shaded by canyon walls.

### SPOTFIN CHUB (*Cyprinella* (=*Hybopsis*) *monacha*)

North Carolina. Macon and Swain Counties. Little Tennessee River, main channel from the backwaters of Fontana Lake upstream to the North Carolina-Georgia State line.

NOTE: Map follows:

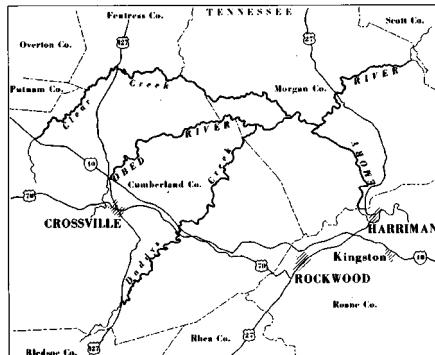


Tennessee. Cumberland, Fentress, and Morgan Counties. Emory and Obed Rivers and Clear and Daddys Creek in Morgan County. Clear Creek in Fentress County. Obed

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River upstream to U.S. Interstate Highway 40, Clear Creek upstream to U.S. Interstate Highway 40 and Daddys Creek upstream to U.S. Highway 127 in Cumberland County.

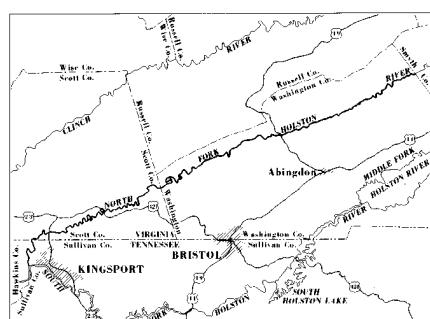
NOTE: Map follows:



Tennessee. Hawkins and Sullivan Counties. North Fork Holston, main channel upstream from junction with South Fork Holston River to the Tennessee-Virginia State line.

Virginia, Scott and Washington Counties. North Fork Holston River, main channel from the Virginia-Tennessee State line upstream through Scott and Washington Counties.

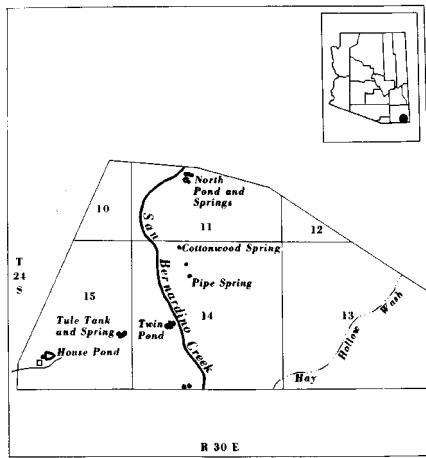
NOTE: Map follows:



### YAQUI CHUB (*Gila purpurea*)

Arizona, Cochise County. All aquatic habitats of San Bernardino NWR in S $\frac{1}{2}$  Sec. 11; Sec. 14; S $\frac{1}{2}$  and NE $\frac{1}{4}$  Sec. 15; T24S, R30E. Known constituent elements include clean permanent water with deep pools and intermediate areas with riffles, areas of detritus or heavily overgrown cut banks in the Rio Yaqui drainage, and the absence of introduced exotic fishes.

NOTE: Map follows:



**ASH MEADOWS SPECKLED DACE (*Rhinichthys osculus nevadensis*)**

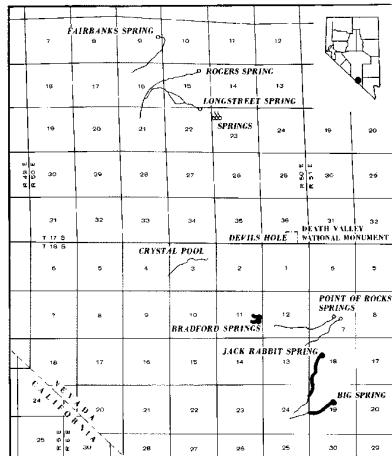
Nevada, Nye County: Each of the following springs and outflows plus surrounding land areas for a distance of 50 meters (164 feet) from these springs and outflows:

Bradford Springs in Section 11, T18S, R50E, and their outflows for a distance of 300 meters (984 feet) from the springs.

Jack Rabbit Spring and its outflow flowing southwest to the boundary between Section 24 in T18S, R50E and Section 19, T18S, R51E.

Big Spring and its outflow to the boundary between Section 19, T18S, R51E and Section 24, T18S, R50E.

NOTE: Map follows:



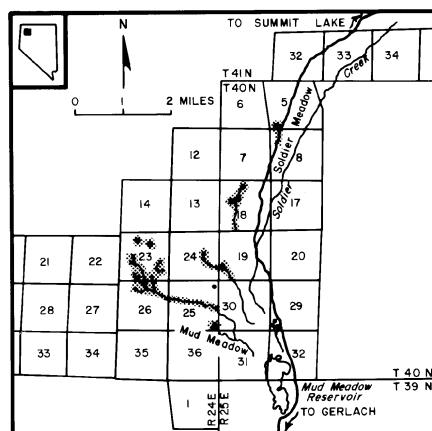
Known constituent elements include warm-water springs and their outflows and

surrounding land areas that provide vegetation for cover and habitat for insects and other invertebrates on which the species feeds.

**DESERT DACE (*Eremichthys acros*)**

Nevada, Humboldt County. Thermal springs and their outflows plus surrounding riparian areas for a distance of 50 feet from these springs and outflows in T40N, R25E, SW $\frac{1}{4}$  Section 5, NW $\frac{1}{4}$  NW $\frac{1}{4}$  Section 8, W $\frac{1}{2}$  Section 18, W $\frac{1}{2}$  SW $\frac{1}{4}$  Section 19; T40N, R24E, Section 23, N $\frac{1}{2}$  SE $\frac{1}{4}$  and S $\frac{1}{2}$  NE $\frac{1}{4}$  Section 24, SE $\frac{1}{4}$  Section 25, N $\frac{1}{2}$  Section 25, and N $\frac{1}{2}$  Section 26.

NOTE: Map follows:



Primary constituent elements of the habitat are considered to be quantity, and thermal and chemical quality of water in headpools and spring outflow streams; presence of a stable, natural substrate supporting food plants for the fish; and length of outflow streams; adequate for seasonal movements in response to changes of water temperature.

**AMBER DARTER (*Percina antesella*)**

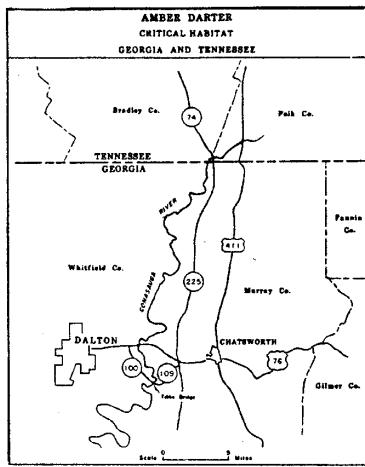
Tennessee and Georgia: Conasauga River from the U.S. Route 411 bridge in Polk County, Tennessee, downstream approximately 33.5 miles through Bradley County, Tennessee and Murray and Whitfield Counties, Georgia, to the Tibbs Bridge Road bridge (Murray County Road 109 and Whitfield County Road 100).

Constituent elements include high quality water, riffle areas (free of silt) composed of sand, gravel, and cobble, which becomes vegetated primarily with *Podostemum* during the summer.

NOTE: Map follows:

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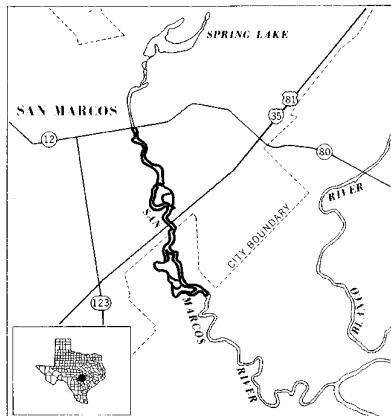
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**FOUNTAIN DARTER (*Etheostoma fonticola*)**

Texas, Hays County; Spring Lake and its outflow, the San Marcos River, downstream approximately 0.5 miles below Interstate Highway 35 bridge.

NOTE: Map follows:



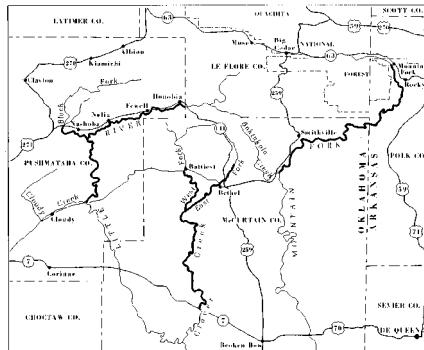
**LEOPARD DARTER (*Percina pantherina*)**

Oklahoma. McCurtain and Pushmataha Counties. Little River, main channel in Pushmataha County from mouth of Cloudy Creek (T. 3 S.; R. 20 E.; Section 3) upstream to the Pushmataha-Le Flore County line. Black Fork Creek in McCurtain County from its junction with Little River (T. 1 S.; R. 20 E.; Section 22) upstream to Oklahoma High-

way 144 crossing (T. 1 S.; R. 19 E.; Section 12). Glover Creek, main channel in McCurtain County from Oklahoma Highway 7 crossing (T. 5 S.; R. 23 E.; Section 28) upstream to the junction of the East Fork and West Fork of Glover Creek. East Fork and West Fork of Glover Creek. East Fork of Glover Creek, main channel in Pushmataha County from its junction with the West Fork Glover Creek (T. 3 S.; R. 23 E.; Section 7) upstream to 4 air miles north-northeast of the community of Bethel (T. 2 S.; R. 24 E.; Section 5). West Fork Glover Creek, main channel in McCurtain County from its junction with the East Fork Glover Creek upstream to the community of Battiest (T. 2 S.; R. 23 E.; Section 7). Mountain Fork Creek, main channel in McCurtain County, from mouth of Boktukola Creek (T. 2 S.; R. 25 E.; Section 9), 6 air miles south-southwest of Smithville, upstream to the Oklahoma-Arkansas State line.

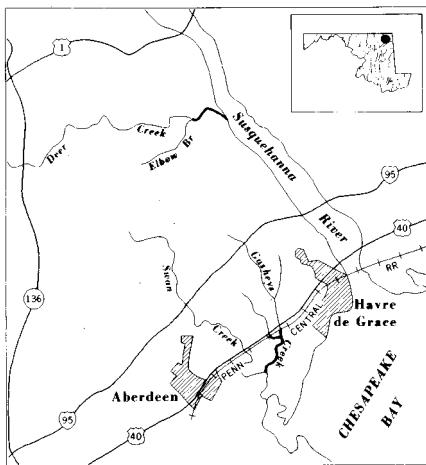
Arkansas. Polk County. Mountain Fork Creek, main channel from the Arkansas-Oklahoma State line upstream to the community of Mountain Fork (T. 1 S.; R. 32 W.; Section 29).

NOTE: Map follows:



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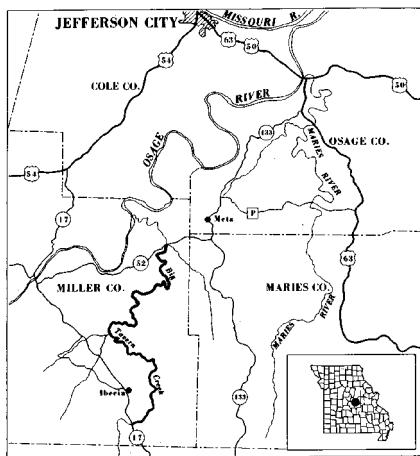


Constituent elements of this habitat are considered to be quality and permanence of streamflow in shallow areas of the streams (riffles), and presence of unsilted rocky crevices for shelter and production of aquatic insects and snails for food.

## NIANGUA DARTER (*Etheostoma nianguae*)

Missouri. Big Tavern Creek, Miller County. Big Tavern Creek and 50 feet along each side of the creek from Highway 52 upstream to Highway 17.

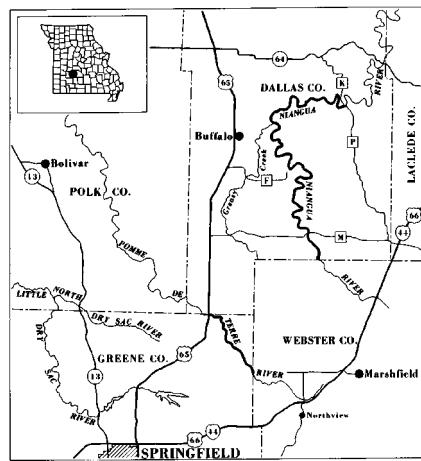
NOTE: Map follows:



Missouri. Niangua River, Dallas County. Niangua River and 50 feet on each side of the river from county road K upstream to 1 mile beyond county road M to the Webster County line.

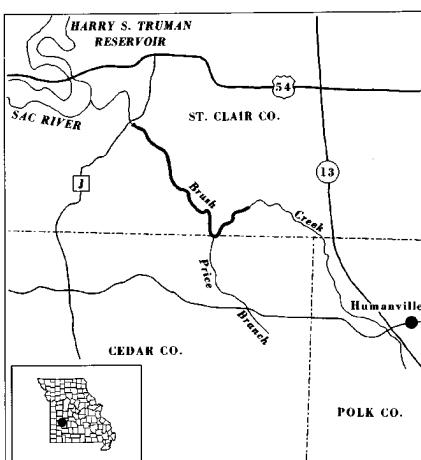
Missouri. Pomme de Terre River, Greene County. Pomme de Terre River and 50 feet on each side of the river from Highway 65 upstream to the Webster County line.

NOTE: Map follows:



Missouri. Brush Creek, Cedar, and St. Clair Counties. Brush Creek and 50 feet on each side of the creek from 1000 feet upstream of county road J to the boundary of Sections 34 and 35, Township 36 N, Range 25 W.

NOTE: Map follows:

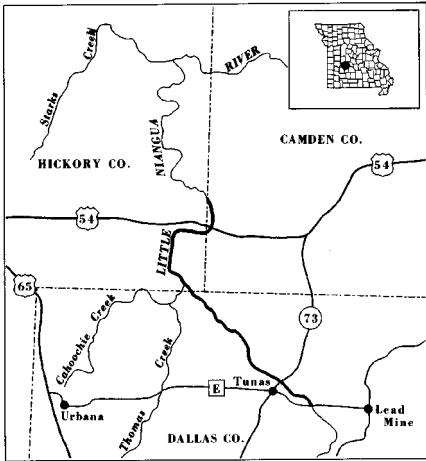


Missouri. Little Niangua River, Camden, Dallas, and Hickory Counties. Little Niangua River and 50 feet on each side of the river from 1 mile below (downstream of) Highway 54, Camden County, to county road E, Dallas County.

NOTE: Map follows:

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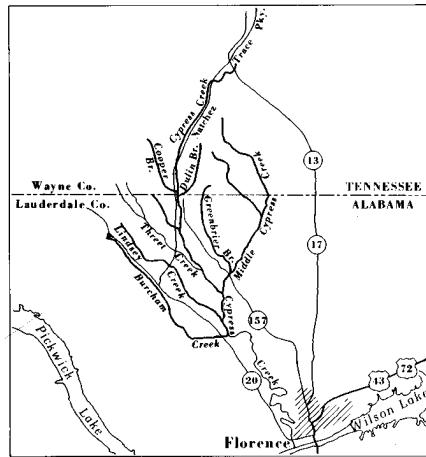
Constituent elements, for all areas designated as critical habitat, consist of medium-sized creeks with silt-free pools and riffles and moderately clear water draining hilly areas underlain by chert and dolomite. Water ranges from 8 to 46 inches in depth over gravel with scattered rubble.

**SLACKWATER DARTER (*Etheostoma boschungi*)**

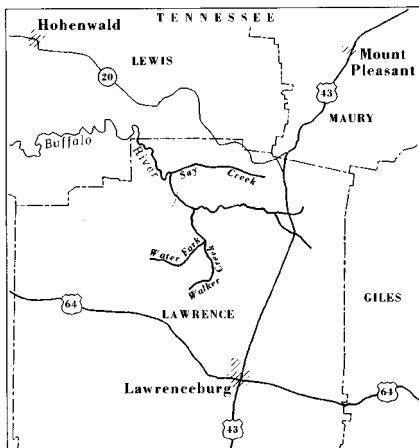
Alabama. Lauderdale County. All permanent and intermittent streams with flowing water from December to June tributary to Cypress Creek and its tributaries upstream from the junction of Burcham Creek, including Burcham Creek, excluding Threet Creek and its tributaries.

Tennessee. Wayne County. All permanent and intermittent streams with flowing water from December to June tributary to Cypress and Middle Cypress Creek drainage.

NOTE: Maps follow.



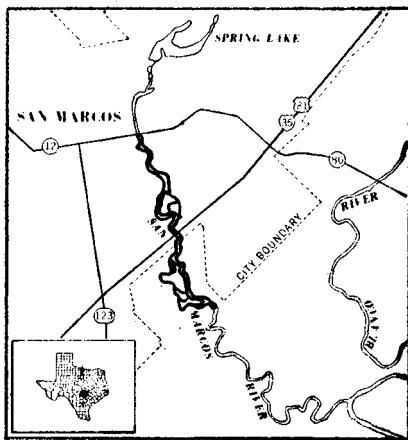
Tennessee. Lawrence County, Buffalo River and its tributaries in Lawrence County, Tenn.



**SAN MARCOS GAMBUSIA (*Gambusia georgei*)**

Texas, Hays County; San Marcos River from Highway 12 bridge downstream to approximately 0.5 miles below Interstate Highway 35 bridge.

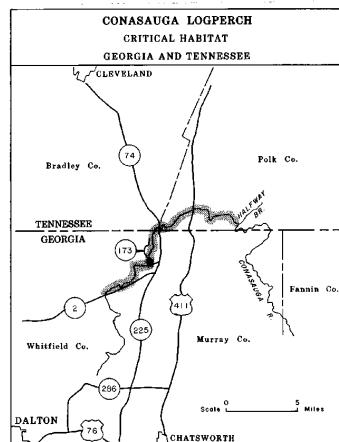
NOTE: Map follows:

CONASAUGA LOGPERCH (*Percina jenkinsi*)

Tennessee and Georgia: Conasauga River from the confluence of Halfway Branch with the Conasauga River in Polk County, Tennessee, downstream approximately 11 miles to the Georgia State Highway 2 Bridge, Murray County, Georgia.

Constituent elements include high quality water, pool areas with flowing water and silt free riffles with gravel and rubble substrate, and fast riffle areas and deeper chutes with gravel and small rubble.

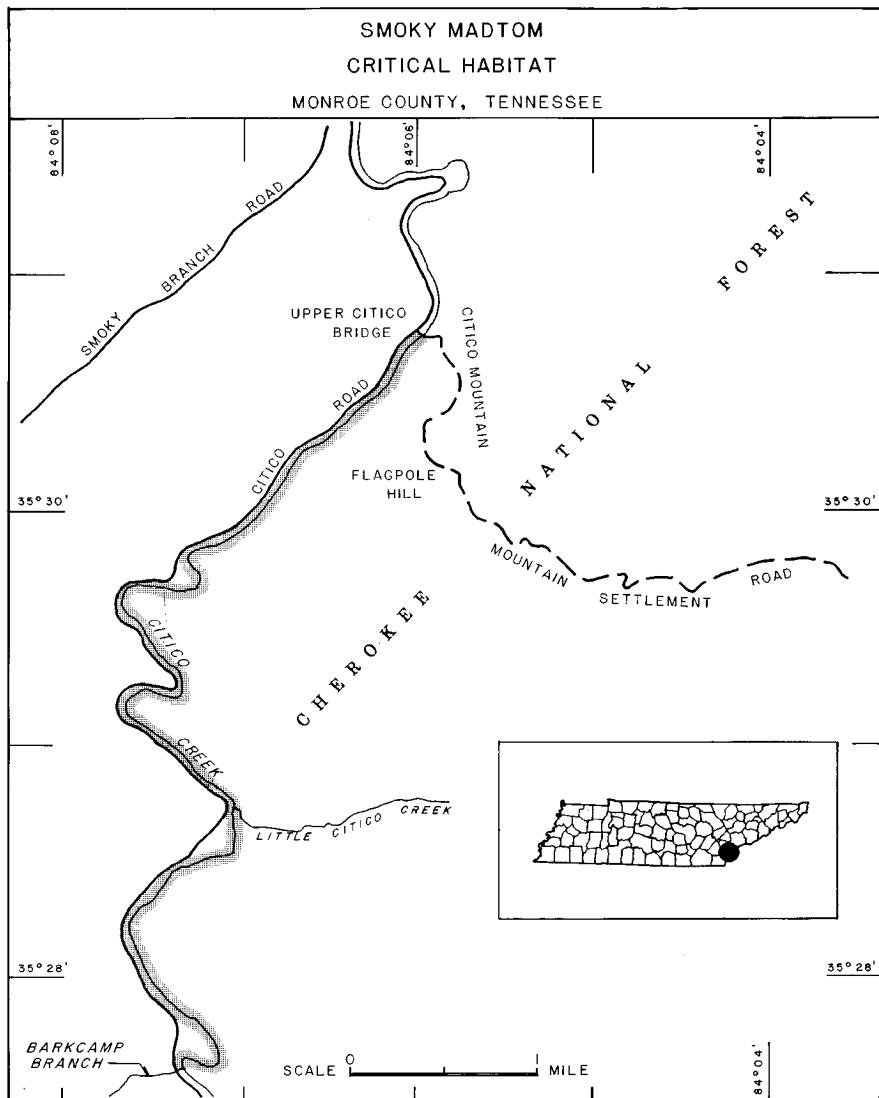
NOTE: Map follows:

SMOKY MADTOM (*Noturus baileyi*)

Tennessee, Monroe County, Citico Creek, Cherokee National Forest. Citico Creek from the Cherokee National Forest boundary at upper Citico Bridge on Mountain Settlement Road (approximately creek mile 4.3) upstream to the confluence of Citico Creek with Barkcamp Branch (approximately creek mile 10.8).

Constituent elements of the critical habitat include the present good water quality in Citico Creek and run/pool areas with relatively silt-free pea-size gravel substrate containing scattered large flat rocks for breeding habitat. The species utilizes palm-size slab rocks for cover and relatively silt-free riffle areas during other times of the year. The area designated as critical habitat provides the smoky madtom with all of the necessary constituent elements for completion of its life cycle.

NOTE: Map follows:



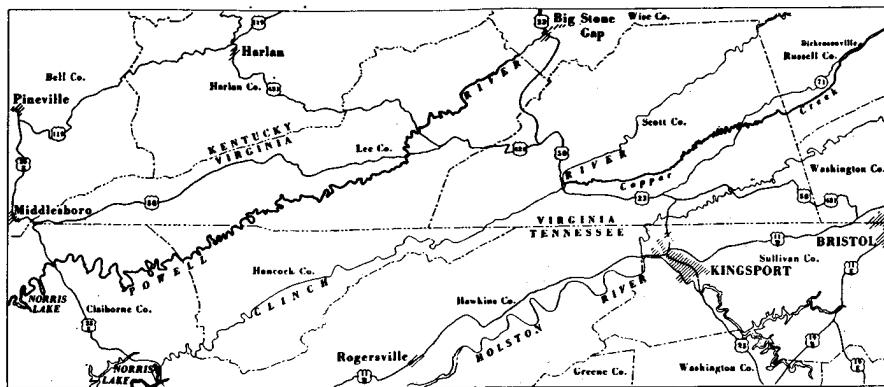
**YELLOWFIN MADTOM (*Noturus flavipinnis*)**

Tennessee. Claiborne and Hancock Counties. Powell River, main channel from backwaters of Norris Lake upstream to the Tennessee-Virginia State line.

Virginia. Lee, Scott, and Russell Counties. Powell River, main channel from the Vir-

ginia-Tennessee State line upstream through Lee County. Copper Creek, main channel from its junction with Clinch River upstream through Scott County and upstream in Russell County to Dickensonville.

NOTE: Map follows:



## CRITICAL HABITAT FOR THE SLENDER CHUB

ASH MEADOWS AMARGOSA PUPFISH  
(*Cyprinodon nevadensis miocenectes*)

Nevada, Nye County: Each of the following springs and outflows plus surrounding land areas for a distance of 50 meters (164 feet) from these springs and outflows:

Fairbanks Spring and its outflow to the boundary between Sections 9 and 10, T17S, R50E.

Rogers Spring and its outflows to the boundary between Sections 15 and 16, T17S, R50E.

Longstreet Spring and its outflow to the boundary between Sections 15 and 22, T17S, R50E.

Three unnamed springs in the northwest corner of Section 23, T17S, R50E, and each of their outflows for a distance of 75 meters (246 feet) from the spring.

Crystal Pool and its outflow for a distance of 400 meters (1,312 feet) from the pool.

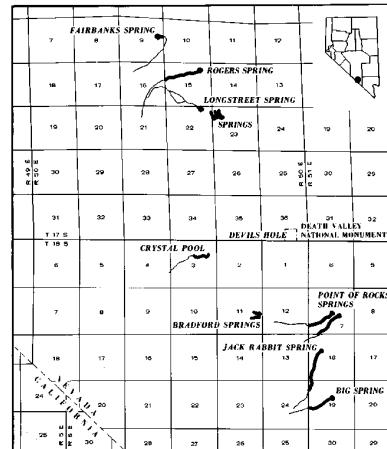
Bradford Springs in Section 11, T18S, R50E, and their outflows for a distance of 300 meters (984 feet) from the springs.

Jack Rabbit Spring and its outflow flowing southwest to the boundary between Section 24, T18S, R50E and Section 19, T18S, R51E.

Big Spring and its outflow to the boundary between Section 19, T18S, R51E and Section 24, T18S, R50E.

Point of Rocks Springs and their entire outflows within Section 7, T18S, R51E.

NOTE: Map follows:



Known constituent elements include warm-water springs and their outflows and surrounding land areas that provide vegetation for cover and habitat for insects and other invertebrates on which this species feeds.

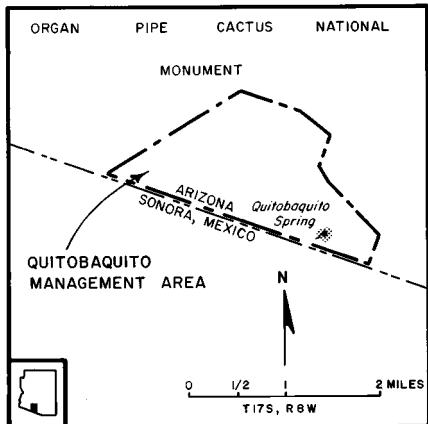
DESERT PUPFISH (*Cyprinodon macularius*)

Arizona: Pima County. 1. *Quitobaquito Spring*, approximately 25 miles WNW Lukeville, Arizona in Organ Pipe Cactus National Monument, in T17S R8N; and a 100-foot riparian buffer zone around the spring.

NOTE: Map follows:

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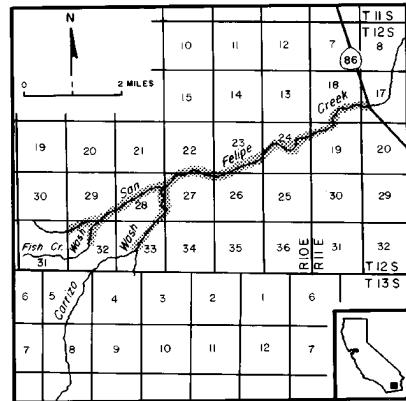
California: Imperial County.

1. *San Felipe Creek*. Approximately 8½ stream miles and 100 feet on either side of San Felipe Creek or the stream channel commencing at the State Highway 86 bridge crossing (approximately ¼ mile south of intersection of Hwy. 78 and Hwy. 86) upstream to the eastern boundary of Section 31, T12S; R10E; including those areas of the stream channel in: T12S; R11E; Section 17, 18, and 19; T12S; R10E; Section 22, 23, 24, 26, 27, 28, 29, and 32.

2. *Carrizo Wash*. Approximately 1¾ stream miles and 100 feet on either side of or the stream channel commencing at the confluence of Carrizo Wash with San Felipe Creek upstream to the southern boundary of N½ Section 33; T12S; R10E; including those areas of the stream channel in T12S; R10E; Section 27, 28, and N½ Section 33.

3. *Fish Creek Wash*. Approximately three-fourths of one stream mile and 100 feet on either side of the stream channel from the confluence of Fish Creek Wash with San Felipe Creek upstream to the southern boundary of N½ Section 32; T12S; R10E; including those areas of the stream channel in T12S; R10E; Section 29 and N½ Section 32.

NOTE: Map follows:

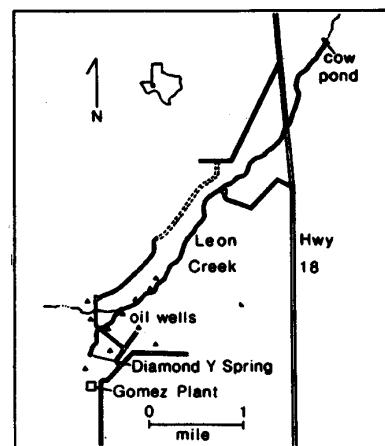


Constituent elements for all four areas designated as critical habitat include clean unpolluted water that is relatively free of exotic organisms, especially exotic fishes, in small slow-moving desert streams and spring pools with marshy backwater areas.

LEON SPRINGS PUPFISH (*Cyprinodon bovinus*)

Texas, Pecos County. Diamond Y Spring and its outflow stream, Loen Creek; from the head of Diamond Y Spring downstream in Leon Creek to a point 1 mile northeast of the Texas Highway 18 crossing, approximately 10 miles north of Fort Stockton.

NOTE: Map follows:



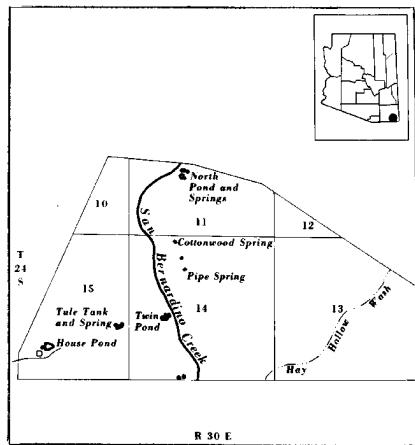
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BEAUTIFUL SHINER (*Notropis formosus*)

Arizona, Cochise County. All aquatic habitats of San Bernardino NWR in S½ Sec. 11; Sec. 14; S½ and NE¼ Sec. 15; T24S, R30E. Known constituent elements include small permanent streams with riffles, or intermittent creeks with pools and riffles in the Rio Yaqui drainage with clean unpolluted water. These waters should be free of introduced exotic fishes.

NOTE: Map follows:



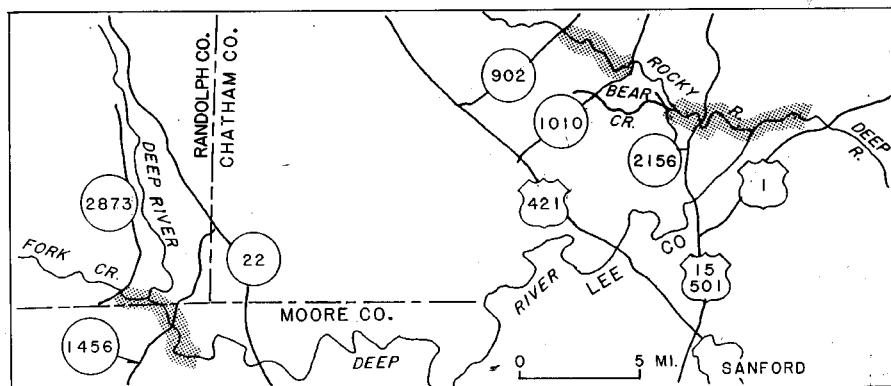
CAPE FEAR SHINER (*Notropis mekistocholas*)

(1) *North Carolina*. Chatham County. Approximately 4.1 river miles of the Rocky River from North Carolina State Highway 902 Bridge downstream to Chatham County Road 1010 Bridge;

(2) *North Carolina*. Chatham and Lee Counties. Approximately 0.5 river mile of Bear Creek, from Chatham County Road 2156 Bridge downstream to the Rocky River, then downstream in the Rocky River (approximately 4.2 river miles) to the Deep River, then downstream in the Deep River (approximately 2.6 river miles) to a point 0.3 river mile below the Moncure, North Carolina, U.S. Geological Survey Gaging Station; and

(3) *North Carolina*. Randolph and Moore Counties. Approximately 1.5 river miles of Fork Creek, from a point 0.1 river mile upstream of Randolph County Road 2873 Bridge downstream to the Deep River then downstream approximately 4.1 river miles of the Deep River in Randolph and Moore Counties, North Carolina, to a point 2.5 river miles below Moore County Road 1456 Bridge.

NOTE: Map follows:

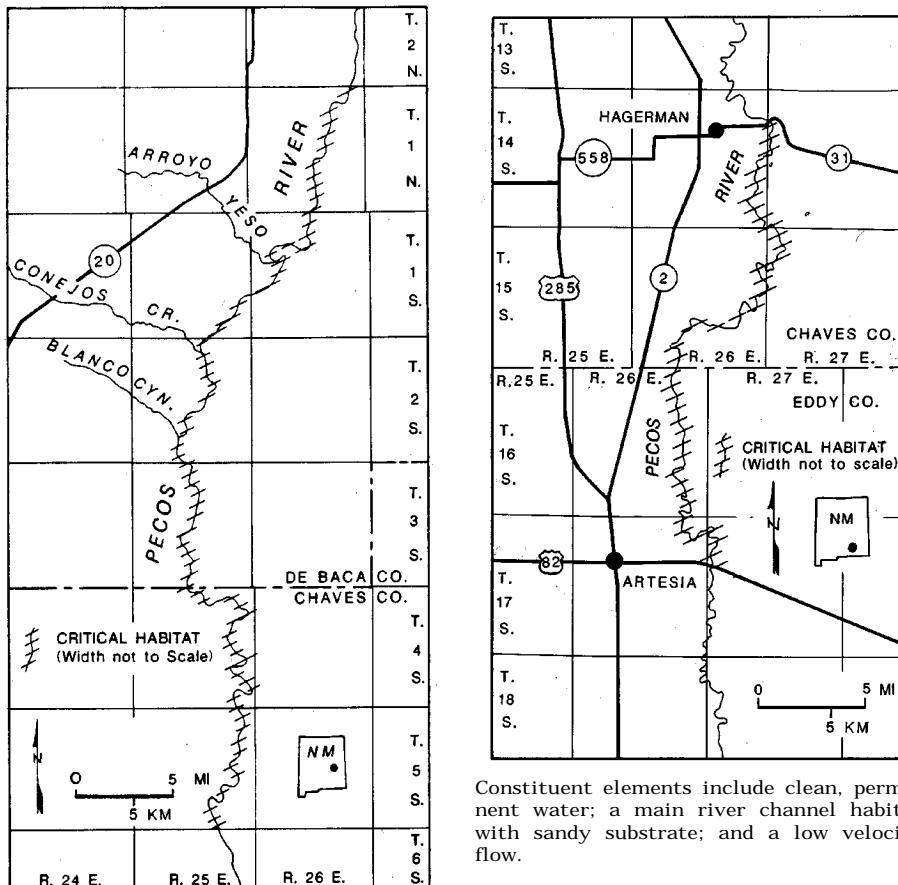


PECOS BLUNTNOSE SHINER (*Notropis simus pecosensis*)

1. New Mexico: De Baca and Chaves Counties. Pecos River from point at the north boundary of NE ¼ Sec. 2; T1N; R26E (approximately 10 mi. (16 km.) south of Fort Sumner) extending downstream approximately 64 mi.

(103 km.) to a point at the south boundary SW ¼ Sec. 35; T5S; R25E.

NOTE: Map follows:



2. New Mexico. Chaves and Eddy Counties. Pecos River from the west boundary NW  $\frac{1}{4}$  Sec. 7; T14S; R27E, extending downstream approximately 37 mi. (60 km.) to the NW  $\frac{1}{4}$  Sec. 18; T17S; R27E (to the U.S. highway 82 bridge near Artesia).

NOTE: Map follows:

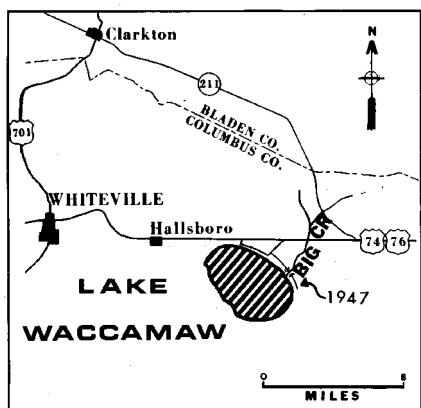
Constituent elements include clean, permanent water; a main river channel habitat with sandy substrate; and a low velocity flow.

**WACCAMAW SILVERSIDE (*Menidia extensa*)**

North Carolina, Columbus County. Lake Waccamaw in its entirety to mean high water level, and Big Creek from its mouth at Lake Waccamaw upstream approximately 0.6 kilometer (0.4 mile) to where the creek is crossed by County Road 1947.

Constituent elements include high quality clear open water, with a neutral pH and clean substrate.

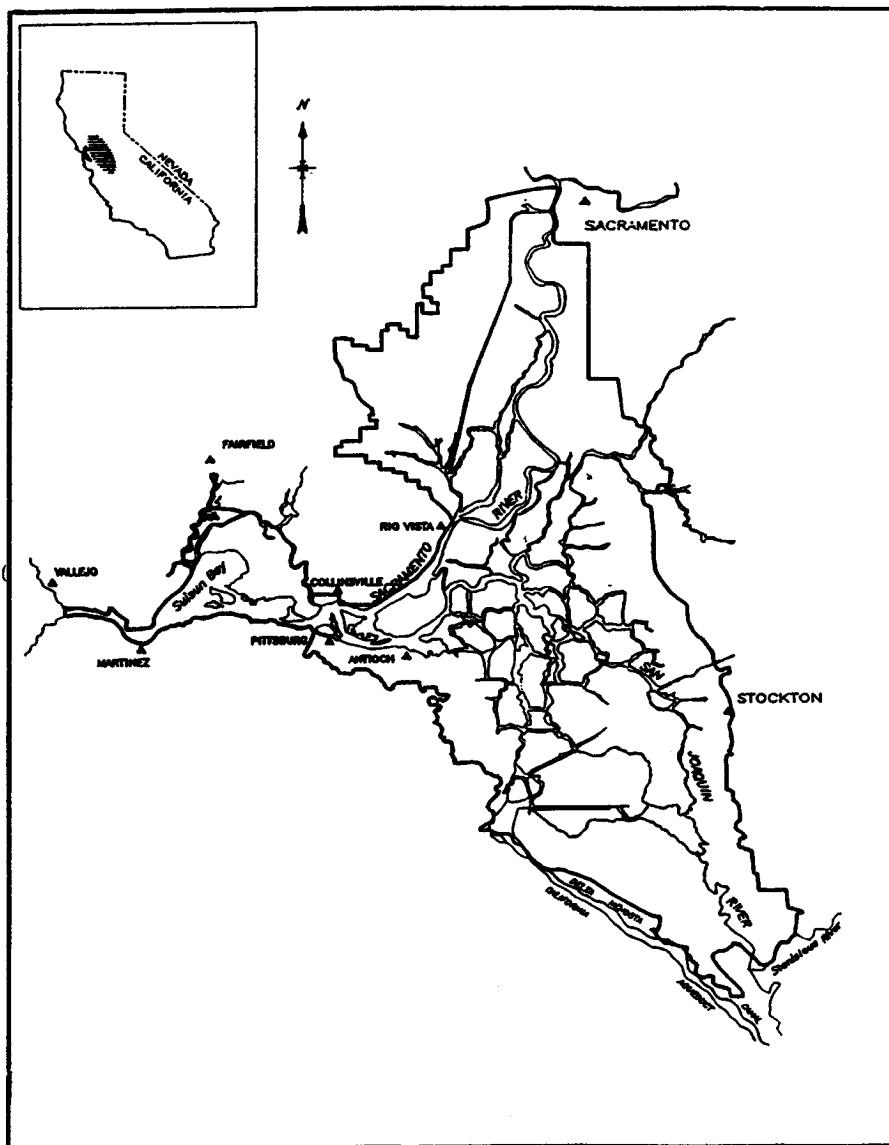
NOTE: Map follows:

DELTA SMELT (*Hypomesus transpacificus*)

California—Areas of all water and all submerged lands below ordinary high water and the entire water column bounded by and contained in Suisun Bay (including the contiguous Grizzly and Honker Bays); the length of Montezuma Slough; and the existing contiguous waters contained within the Delta, as defined by section 12220, of the State of California's Water Code of 1969 (a complex of bays, dead-end sloughs, channels typically less than 4 meters deep, marshlands, etc.) as follows:

Bounded by a line beginning at the Carquinez Bridge which crosses the Carquinez Strait; thence, northeasterly along the western and northern shoreline of Suisun Bay, including Goodyear, Suisun, Cutoff, First Mallard (Spring Branch), and Montezuma Sloughs; thence, upstream to the intersection of Montezuma Slough with the western boundary of the Delta as delineated in section 12220 of the State of California's Water Code of 1969; thence, following the boundary and including all contiguous water bodies contained within the statutory definition of the Delta, to its intersection with the San Joaquin River at its confluence with Suisun Bay; thence, westerly along the south shore of Suisun Bay to the Carquinez Bridge.

NOTE: Map follows:



Primary Constituent Elements—physical habitat, water, river flow, and salinity concentrations required to maintain delta smelt habitat for spawning, larval and juvenile transport, rearing, and adult migration.

BIG SPRING SPINEDACE (*Lepidomeda mollispinis praternis*)

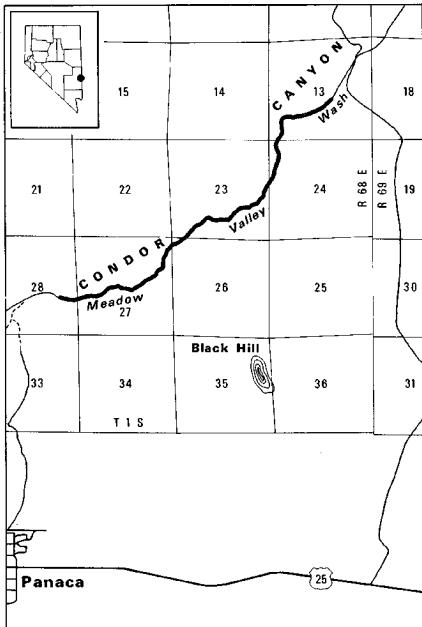
Nevada. Condor Canyon, Lincoln County. Four stream miles of Meadow Valley Wash and 50 feet on either side of the stream as it flows through the following sections: T. 1 S., R. 68 E., Sections 13, 23, 24, 26, 27, and 28.

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Known constituent elements include clean permanent flowing spring-fed stream with deep pool areas and shallow marshy areas along the shore and the absence of exotic fishes.

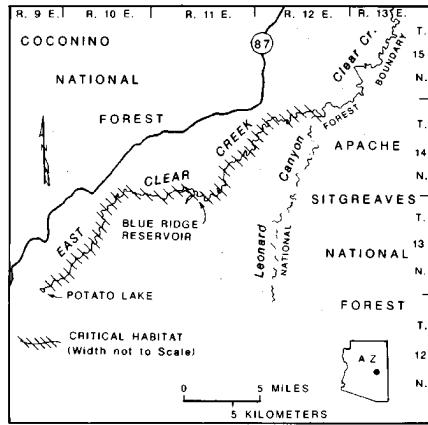
NOTE: Map follows:



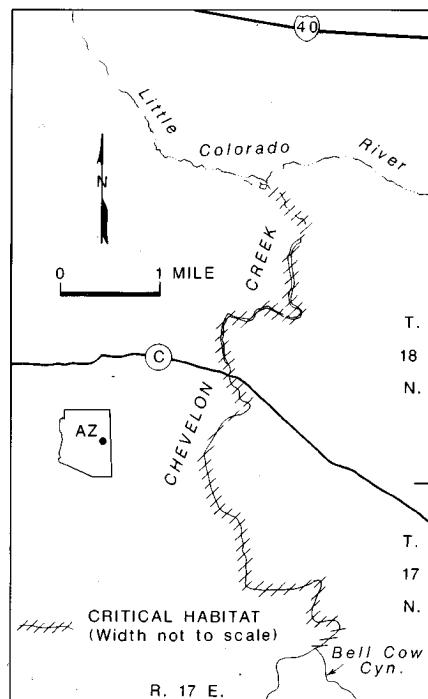
LITTLE COLORADO SPINEDACE (*Lepidomeda vittata*)

Arizona:

1. Coconino County. East Clear Creek; approximately 18 miles of stream extending from the confluence with Leonard Canyon (NE  $\frac{1}{4}$  Sec. 11 T14N R12E) upstream to the Blue Ridge Reservoir dam (SE  $\frac{1}{4}$  Sec. 33 T14N R11E), and approximately 13 miles of stream extending from the upper end of Blue Ridge Reservoir (east boundary SE  $\frac{1}{4}$  Sec. 36 T14N R10E) upstream to Potato Lake (NE  $\frac{1}{4}$  Sec. 1 T12N R9E).



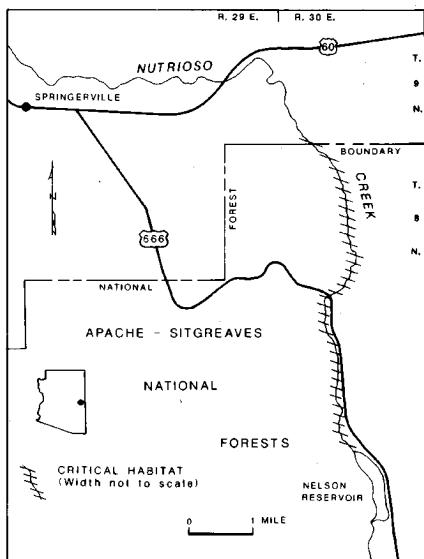
2. Navajo County. Chevelon Creek; approximately 8 miles of stream extending from the confluence with the Little Colorado River (NW  $\frac{1}{4}$  Sec. 23 T18N R17E) upstream to Bell Cow Canyon (SE  $\frac{1}{4}$  of the SW  $\frac{1}{4}$  Sec. 11 T17N R17E).



3. Apache County. Nutrioso Creek; approximately 5 miles of stream extending from the Apache-Sitgreaves National Forest boundary (north boundary Sec. 5 T8N R30E) upstream

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to the Nelson Reservoir dam (NE<sup>1/4</sup> Sec. 29 T8N R30E).



Constituent elements, for all areas of critical habitat, include clean, permanent flowing water, with pools and a fine gravel or silt-mud substrate.

WHITE RIVER SPINEDACE (*Lepidomeda albivallis*)

Nevada, White Pine County. Each of the following springs and outflows plus surrounding land areas for a distance of 50 feet from these springs and outflows:

Preston Big Spring and associated outflows within T12N, R61E, NE ¼ Sec. 2.

Lund Spring and associated outflows within T11N, R62E, NE  $\frac{1}{4}$  of NE  $\frac{1}{4}$  of Sec. 4; T12N, R62E, S  $\frac{1}{2}$  of SE  $\frac{1}{4}$  Sec. 33.

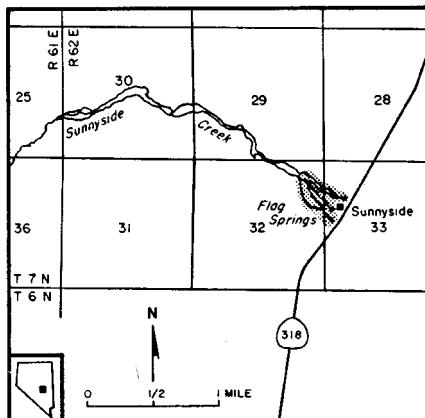
NOTE: Map follows:

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	34	35	36	34	32	33	34 T12 N 3
Preston 3 Big Spr. 2			1	6	5	4	T12 N 3
10	11	12 Preston		7	8	9	10
15	14	13	18	17	16	15	
22	23	24	19	20	21	22	
N		R 61 E	R 62 E	30	29	(318)	27
0 1/2 MILE		31	32	Lund 33	Lund Town Spr.		T12 N 3
6		5	4				T11 N

Nevada, Nye County. Flag Springs and associated outflows plus surrounding land areas for a distance of 50 feet from the springs and outflows within the following areas: T7N, R62E, E ½ of NE ¼ Sec. 32, SW ¼ of NW ¼ Sec. 33.

NOTE: Map follows:



Known constituent elements for all areas of critical habitat include consistently high quality and quantity of cool springs and their outflows, and surrounding land area that provide vegetation for cover and habitat for insects and other invertebrates on which the species feeds.

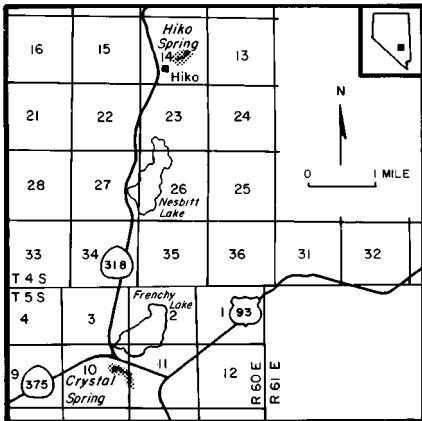
## HIKO WHITE RIVER SPRINGFISH (*Crenichthys baileyi grandis*)

Nevada, Lincoln County. Each of the following springs and outflows plus surrounding land areas for a distance of 50 feet from these springs and outflows:

Hiko Spring and associated outflows within T4S, R60E, SW $\frac{1}{4}$  of NE $\frac{1}{4}$  Sec. 14 and NW $\frac{1}{4}$  of SE $\frac{1}{4}$  Sec. 14.

Crystal Springs and associated outflows within T5S, R60E, all of NE $\frac{1}{4}$  of Sec. 10 and NE $\frac{1}{4}$  of SE $\frac{1}{4}$  Sec. 10, SW $\frac{1}{4}$  of NW $\frac{1}{4}$  Sec. 11 and NW $\frac{1}{4}$  of SW $\frac{1}{4}$  Sec. 11.

NOTE: Map follows:

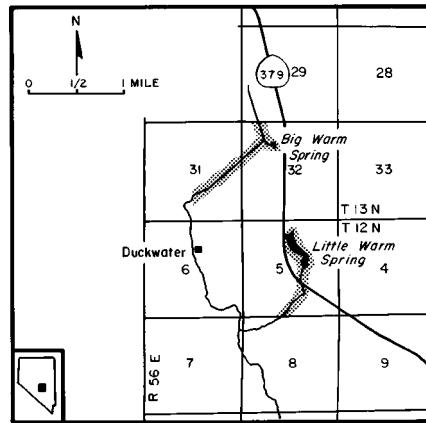


Known constituent elements include warmwater springs and their outflows and surrounding land areas that provide vegetation for cover and habitat for insects and other invertebrates on which the species feeds.

#### RAILROAD VALLEY SPRINGFISH (*Crenichthys nevadae*)

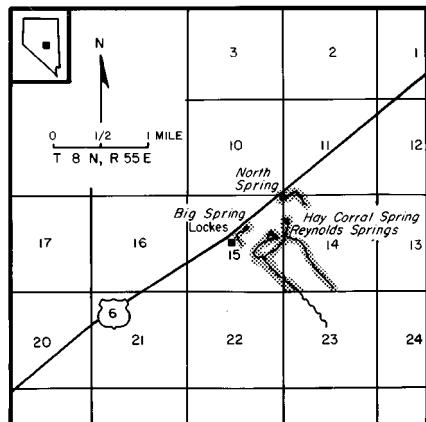
1. Nevada, Nye County, Duckwater area. Big Warm Spring and its outflow pools, streams, and marshes and a 50 foot riparian zone around the spring, outflow pools, streams, and marshes in T13N, R56E, NE $\frac{1}{4}$  Sec. 31, SE $\frac{1}{4}$  Sec. 31, NW $\frac{1}{4}$  Sec. 32. Little Warm Spring and its outflow pools, streams, and marshes, and a 50-foot riparian zone around the spring, outflow pools, streams, and marshes in T12N, R56E, Sec. 5.

NOTE: Map follows:



1. Nevada, Nye County, Lockes Area. North, Hay Corral, Big, and Reynolds Springs and their outflow pools, streams, and marshes, and a 50-foot riparian zone around the springs, outflow pools, streams, and marshes in T8N, R55E, SW $\frac{1}{4}$  Sec. 11, NW $\frac{1}{4}$  Sec. 14, SW $\frac{1}{4}$  Sec. 14, SE $\frac{1}{4}$  Sec. 15, NE $\frac{1}{4}$  Sec. 15, SW $\frac{1}{4}$  Sec. 15.

NOTE: Map follows:



Known constituent elements for all areas of critical habitat of the Railroad Valley springfish include clear, unpolluted thermal spring waters ranging in temperature from 29° to 36° C in pools; flowing channels; marshy areas with aquatic plants, insects, and mollusks.

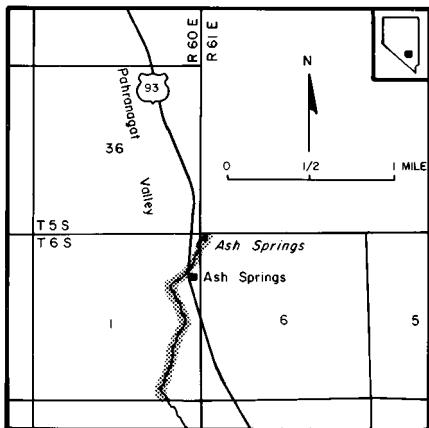
#### WHITE RIVER SPRINGFISH (*Crenichthys baileyi baileyi*)

Nevada, Lincoln County. Ash Springs and associated outflows plus surrounding land areas for a distance of 50 feet from the springs and outflows within the following

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areas: T6S, R60E, E $\frac{1}{2}$  of E $\frac{1}{2}$  Sec. 1 and T6S, R61E, NW $\frac{1}{4}$  of NW $\frac{1}{4}$  Sec. 6.

NOTE: Map follows:



Known constituent elements include warmwater springs and their outflows and surrounding land areas that provide vegetation for cover and habitat or insects and other invertebrates on which the species feeds.

### COLORADO SQUAWFISH (*Ptychocheilus lucius*)

Description of areas taken from BLM 1:100,000 maps (available from BLM State Offices): Canyon of Lodore, CO 1990; La Sal, UT/CO 1985; Rangely, CO 1989; Delta, CO 1989; Grand Junction, CO 1990; Hite Crossing, UT 1982; Vernal, UT/CO 1990; Craig, CO 1990; Bluff, UT/CO 1985; Moab, UT/CO 1985; Hanksville, UT 1982; San Rafael Desert, UT 1985; Huntington, UT 1982; Price, UT 1989; Farmington, NM 1991; Navajo Mountain, UT/AZ 1982. The 100-year flood plain for many areas is detailed in Flood Insurance Rate Maps (FIRM) published by and available through the Federal Emergency Management Agency (FEMA). In areas where a FIRM is not available, the presence of alluvium soils or known high water marks can be used to determine the extent of the flood plain. Only areas of flood plain containing constituent elements are considered critical habitat.

Colorado: Moffat County. The Yampa River and its 100-year flood plain from the State Highway 394 bridge in T.6N., R.91W., sec. 1 (6th Principal Meridian) to the confluence with the Green River in T.7N., R.103W., sec. 28 (6th Principal Meridian).

Utah: Uintah, Carbon, Grand, Emery, Wayne, and San Juan Counties; and Colorado: Moffat County. The Green River and its 100-year flood plain from the confluence with the Yampa River in T.7N., R.103W., sec. 28 (6th Principal Meridian) to the confluence

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with the Colorado River in T.30S., R.19E., sec. 7 (Salt Lake Meridian).

Colorado: Rio Blanco County; and Utah: Uintah County. The White River and its 100-year flood plain from Rio Blanco Lake Dam in T.1N., R.96W., sec. 6 (6th Principal Meridian) to the confluence with the Green River in T.9S., R.20E., sec. 4 (Salt Lake Meridian).

Colorado: Delta and Mesa Counties. The Gunnison River and its 100-year flood plain from the confluence with the Uncompahgre River in T.15S., R.96W., sec. 11 (6th Principal Meridian) to the confluence with the Colorado River in T.1S., R.1W., sec. 22 (Ute Meridian).

Colorado: Mesa and Garfield Counties; and Utah: Grand, San Juan, Wayne, and Garfield Counties. The Colorado River and its 100-year flood plain from the Colorado River Bridge at exit 90 north off Interstate 70 in T.6S., R.93W., sec. 16 (6th Principal Meridian) to North Wash including the Dirty Devil arm of Lake Powell up to the full pool elevation in T.33S., R.14E., sec. 29 (Salt Lake Meridian).

New Mexico: San Juan County; and Utah: San Juan County. The San Juan River and its 100-year flood plain from the State Route 371 Bridge in T.29N., R.13W., sec. 17 (New Mexico Meridian) to Neskahai Canyon in the San Juan arm of Lake Powell in T.41S., R.11E., sec. 26 (Salt Lake Meridian) up to the full pool elevation.

Known constituent elements include water, physical habitat, and biological environment as required for each particular life stage for each species.



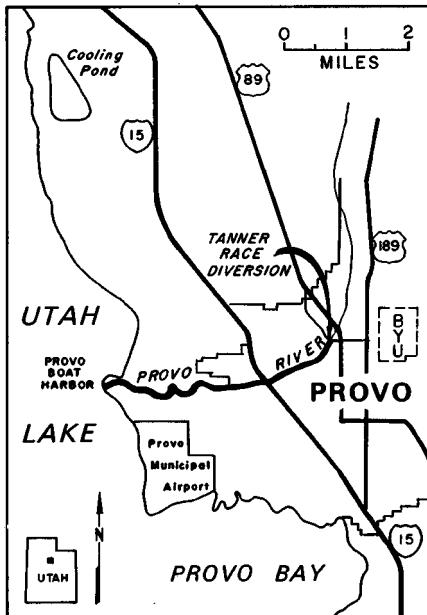
### JUNE SUCKER (*Chasmistes liorus*)

Utah, Utah County. Provo River, Sec. 5, T7S, R2E; to Sec. 36, T6S, R2E, the lower 7.8 kilometers (4.9 miles) of the main channel of the river as measured from its confluence with Utah Lake, upstream to the Tanner Race diversion.

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NOTE: Map follows:



Known constituent elements of the critical habitat include one to three feet of high quality water constantly flowing over a clean, unsilted gravel substrate. Larval June suckers require shallow areas with low velocities connected to the main channel of the river.

MODOC SUCKER (*Catostomus microps*)

California, Modoc County.

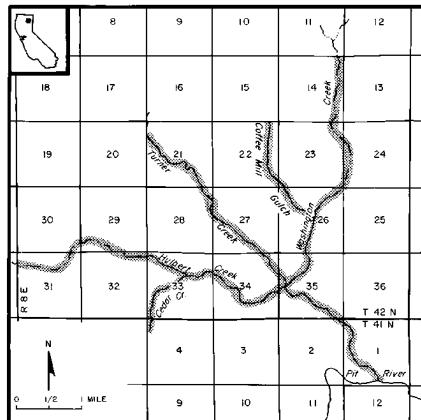
1. Turner Creek. Approximately 4.5 stream miles and 50 feet on either side of the stream channel from the juncture of Turner Creek with the Pit River upstream to T42N, R8E, Section 20; including those areas of the stream channel in T41N, R8E, Sections 1 and 2; and in T42N, R8E, Sections 21, 27, 28, 34, and 35.

2. Washington Creek. Approximately 4 stream miles and 50 feet on either side of the stream channel from the juncture of Washington Creek with Turner Creek to T42N, R8E, Section 11; including those areas of the stream channel in T42N, R8E, Sections 14, 23, 24, 25, 26, and 35. Also Coffee Mill Gulch, a tributary of Washington Creek, for approximately 1.5 miles and 50 feet on either side of the stream channel from the juncture of this tributary with Washington Creek upstream to T42N, R8E, Section 22; including those areas of the stream channel in T42N, R8E, Sections 22, 23, and 26.

3. Hulbert Creek. Approximately 3.5 stream miles and 50 feet on either side of the stream channel from the juncture of Hulbert Creek

with Turner Creek upstream to T42N, R8E, Section 31; including those areas of the stream channel in T42N, R8E, Sections 29, 30, 32, 33, 34, and 35; and Cedar Creek, a tributary of Hulbert Creek, for approximately 1.5 stream miles and 50 feet on either side of the stream channel from the juncture of Cedar Creek with Hulbert Creek upstream to Cedar Spring; including those areas of the stream channel in T41N, R8E, Section 4; and in T42N, R8E, Section 33.

NOTE: Map follows:

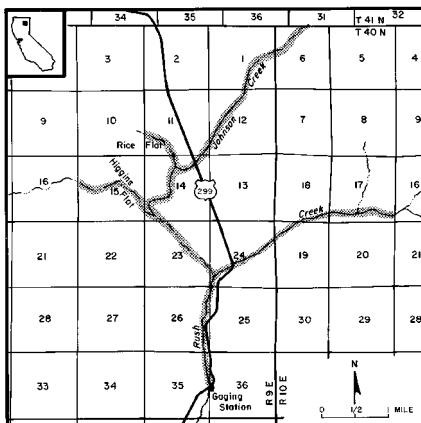


4. Johnson Creek. Approximately 4 stream miles and 50 feet on either side of the stream channel from the juncture of Johnson Creek with Rush Creek upstream to T40N, R10E, Section 6; including those areas of the stream channel in T40N, R9E, Sections 1, 11, 12, 14, 23, and 24. Also in unnamed tributary of Johnson Creek in Rice Flat, for approximately 1 stream mile and 50 feet on either side of the stream channel from the juncture of this tributary with Johnson Creek upstream to T40N, R9E, Section 10; including those areas of the stream channel in T40N, R9E, Sections 11 and 14. Also in unnamed tributary of Johnson Creek in Higgins Flat, for approximately 1 stream mile and 50 feet on either side of the stream channel from the juncture of this tributary with Johnson Creek upstream to T40N, R9E, Section 10; including those areas of the stream channel in T40N, R9E, Sections 14 and 15.

5. Rush Creek. Approximately 5 stream miles and 50 feet on either side of the stream channel from the gauging station at the State Route 299 crossing upstream to T40N, R10E, Section 16; including those areas of the stream channel in T40N, R9E, Sections 24, 25, 26, 35, and 36; and in T40N, R10E, Sections 17, 18, and 19.

NOTE: Map follows:

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Known constituent elements include intermittent and permanent-water creeks, and adjacent land areas that provide vegetation for cover and protection from soil erosion.

**RAZORBACK SUCKER (*Xyrauchen texanus*)**

Description of areas taken from BLM 1:100,000 scale maps (available from BLM State Offices): Rangely, CO 1989; Canyon of Lodore, CO 1990; Seep Ridge, UT/CO 1982; La Sal, UT/CO 1985; Westwater, UT/CO 1981; Hite Crossing, UT 1982; Glenwood Springs, CO 1988; Grand Junction, CO 1990; Delta, CO 1989; Navajo Mountain, UT/AZ 1982; Vernal, UT/CO 1990; Craig, CO 1990; Bluff, UT/CO 1985; Moab, UT/CO 1985; Hanksville, UT 1982; San Rafael Desert, UT 1985; Huntington, UT 1982; Price, UT 1989; Tuba City, AZ 1983; Lake Mead, NV/AZ 1981; Davis Dam, AZ/NV/CA 1982; Parker, AZ/CA 1980; Yuma, AZ/CA 1988; Safford, AZ 1991; Globe, AZ 1980; Clifton, AZ/NM 1975; Prescott, AZ 1982; Theodore Roosevelt Lake, AZ 1982; Grand Canyon, AZ 1980; Mt. Trumbull, AZ 1979; Boulder City, NV/AZ 1978; Blythe, CA/AZ 1976; Trigo Mountains, AZ/CA 1988; Sedona, AZ 1982; Payson, AZ 1988; and U.S. Forest Service map: Tonto National Forest, Phoenix, AZ. The 100-year flood plain for many areas is detailed in Flood Insurance Rate Maps (FIRM) published by and available through the FEMA. In areas where a FIRM is not available, the presence of alluvium soils or known high water marks can be used to determine the extent of the flood plain. Only areas of flood plain containing constituent elements are considered critical habitat.

Colorado: Moffat County. The Yampa River and its 100-year flood plain from the mouth of Cross Mountain Canyon in T.6N., R.98W., sec. 23 (6th Principal Meridian) to the confluence with the Green River in T.7N., R.103W., sec. 28 (6th Principal Meridian).

Utah: Uintah County; and Colorado: Moffat County. The Green River and its 100-year

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flood plain from the confluence with the Yampa River in T.7N., R.103W., sec. 28 (6th Principal Meridian) to Sand Wash in T.11S., R.18E., sec. 20 (6th Principal Meridian).

Utah: Uintah, Carbon, Grand, Emery, Wayne, and San Juan Counties. The Green River and its 100-year flood plain from Sand Wash at T.11S., R.18E., sec. 20 (6th Principal Meridian) to the confluence with the Colorado River in T.30S., R.19E., sec. 7 (6th Principal Meridian).

Utah: Uintah County. The White River and its 100-year flood plain from the boundary of the Uintah and Ouray Indian Reservation at river mile 18 in T.9S., R.22E., sec. 21 (Salt Lake Meridian) to the confluence with the Green River in T.9S., R.20E., sec. 4 (Salt Lake Meridian).

Utah: Uintah County. The Duchesne River and its 100-year flood plain from river mile 2.5 in T.4S., R.3E., sec. 30 (Salt Lake Meridian) to the confluence with the Green River in T.5S., R.3E., sec. 5 (Uintah Meridian).

Colorado: Delta and Mesa Counties. The Gunnison River and its 100-year flood plain from the confluence with the Uncompahgre River in T.15S., R.96W., sec. 11 (6th Principal Meridian) to Redlands Diversion Dam in T.1S., R.1W., sec. 27 (Ute Meridian).

Colorado: Mesa and Garfield Counties. The Colorado River and its 100-year flood plain from Colorado River Bridge at exit 90 north off Interstate 70 in T.6S., R.93W., sec. 16 (6th Principal Meridian) to Westwater Canyon in T.20S., R.25E., sec. 12 (Salt Lake Meridian) including the Gunnison River and its 100-year flood plain from the Redlands Diversion Dam in T.1S., R.1W., sec. 27 (Ute Meridian) to the confluence with the Colorado River in T.1S., R.1W., sec. 22 (Ute Meridian).

Utah: Grand, San Juan, Wayne, and Garfield Counties. The Colorado River and its 100-year flood plain from Westwater Canyon in T.20S., R.25E., sec. 12 (Salt Lake Meridian) to full pool elevation, upstream of North Wash and including the Dirty Devil arm of Lake Powell in T.33S., R.14E., sec. 29 (Salt Lake Meridian).

New Mexico: San Juan County; and Utah: San Juan County. The San Juan River and its 100-year flood plain from the Hogback Diversion in T.29N., R.16W., sec. 9 (New Mexico Meridian) to the full pool elevation at the mouth of Neskahtai Canyon on the San Juan arm of Lake Powell in T.41S., R.11E., sec. 26 (Salt Lake Meridian).

Arizona: Coconino and Mohave Counties; and Nevada: Clark County. The Colorado River and its 100-year flood plain from the confluence with the Paria River in T.40N., R.7E., sec. 24 (Gila and Salt River Meridian) to Hoover Dam in T.30N., R.23W., sec. 3 (Gila and Salt River Meridian) including Lake Mead to the full pool elevation.

Arizona: Mohave County; and Nevada: Clark County. The Colorado River and its 100-year flood plain from Hoover Dam in

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T.30N., R.23W., sec. 1 (Gila and Salt River Meridian) to Davis Dam in T.21N., R.21W., sec. 18 (Gila and Salt River Meridian) including Lake Mohave to the full pool elevation.

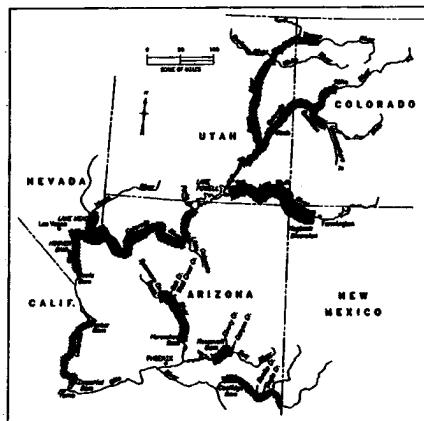
Arizona: La Paz and Yuma Counties; and California: San Bernardino, Riverside, and Imperial Counties. The Colorado River and its 100-year flood plain from Parker Dam in T.11N., R.18W., sec. 16 (Gila and Salt River Meridian) to Imperial Dam in T.6S., R.22W., sec. 25 (Gila and Salt River Meridian) including Imperial Reservoir to the full pool elevation or 100-year flood plain, whichever is greater.

Arizona: Graham, Greenlee, Gila, and Pinal Counties. The Gila River and its 100-year flood plain from the Arizona-New Mexico border in T.8S., R.32E., sec. 34 (Gila and Salt River Meridian) to Coolidge Dam in T.3S., R.18E., sec. 17 (Gila and Salt River Meridian), including San Carlos Reservoir to the full pool elevation.

Arizona: Gila County. The Salt River and its 100-year flood plain from the old U.S. Highway 60/State Route 77 bridge (unsurveyed) to Roosevelt Diversion Dam in T.3N., R.14E., sec. 4 (Gila and Salt River Meridian).

Arizona: Yavapai County. The Verde River and its 100-year flood plain from the U.S. Forest Service boundary (Prescott National Forest) in T.18N., R.2E., sec. 31 to Horseshoe Dam in T.7N., R.6E., sec. 2 (Gila and Salt River Meridian), including Horseshoe Lake to the full pool elevation.

Known constituent elements include water, physical habitat, and biological environment as required for each particular life stage for each species.



### WARNER SUCKER (*Catostomus warnerensis*)

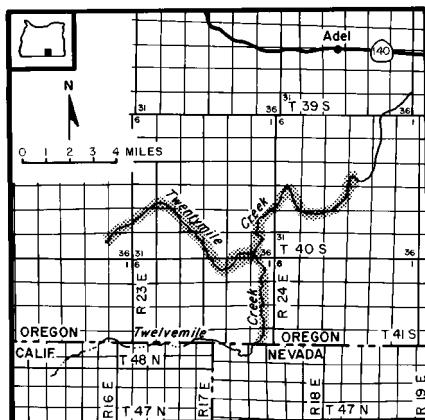
## Oregon: Lake County.

1. *Twelvemile Creek*—Approximately 4 stream miles and 50 feet on either side of the stream commencing at the confluence of

Twelvemile Creek and Twentymile Creek and extending upstream, and including those portions of Twelvemile Creek in T40S, R23E, Section 35; and T41S, R23E, Sections 1, 2, 12, 13, 23, and 24.

2. *Twentymile Creek*—Approximately 18 stream miles and 50 feet on either side of the stream commencing about 9 miles upstream of the junction of Twelvemile and Twentymile Creeks and extending to a point about 9 miles downstream of the junction, and including those portions of Twentymile Creek in T40S, R22E, Sections 25, 35, and 36; T40S, R23E, Sections 19, 20, 24, 25, 28, 29, 30, 33, 34, 35 and 36; T40S, R24E, Sections 15, 16, 19, 20, 21, 22, 28, 29, 30; and T41S, R23E, Sections 2 and 3.

NOTE: Map follows:



3. *Spillway Canal north of Hart Lake*—Approximately 2 stream miles and 50 feet on either side of the waterway commencing at its confluence with Hart Lake and extending to a point about 2 miles downstream, and including those portions of the waterway in T36S, R24E, Sections 7, 18, and 19.

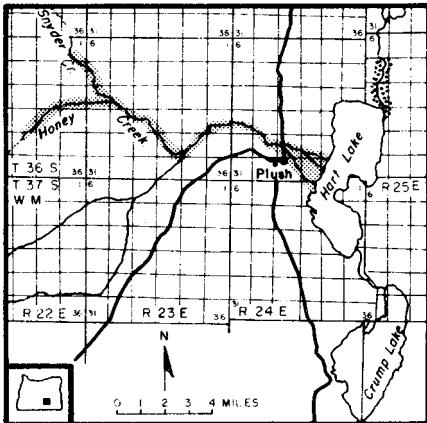
4. *Snyder Creek*—Approximately 3 stream miles and 50 feet on either side of the stream commencing at the confluence of Snyder Creek and Honey Creek and extending to a point about 3 miles upstream on Snyder Creek, and including those portions of Snyder Creek in T36S, R22E, Sections 1 and 12; and T36S, R23E, Sections 7, 17, and 18.

5. *Honey Creek*—Approximately 16 stream miles and 50 feet on either side of the stream commencing at the confluence of Honey Creek with Hart Lake and extending to a point about 16 miles upstream on Honey Creek, and including those portions of Honey Creek in T36S, R24E, Sections 19, 20, 27, 28, 29, 30, 33, 34, and 35; T36S, R23E, Sections 17, 18, 20, 21, 22, 23, 24, 26, 27, and 28; and T36S, R22E, Sections 13, 14, 22, and 23.

NOTE: Map follows:

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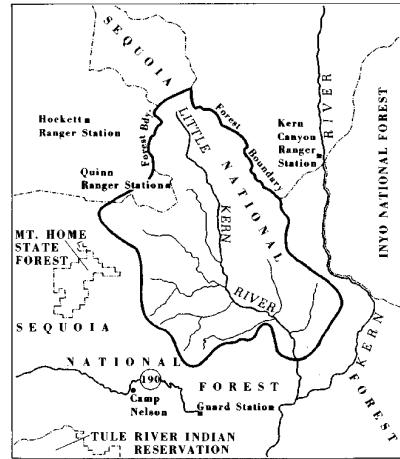


Constituent elements of all areas proposed as critical habitat include streams 15 feet to 60 feet wide with gravel-bottom shoal and riffle areas with intervening pools. Streams should have clean, unpolluted flowing water and a stable riparian zone. The streams should support a variety of aquatic insects, crustaceans, and other small invertebrates for food.

LITTLE KERN GOLDEN TROUT (*Salmo aguabonita whitei*)

California, Tulare County. Little Kern River, main channel and all streams tributary to the Little Kern River above barrier falls located on the Little Kern River one mile below the mouth of Trout Meadows Creek.

NOTE: Map follows:



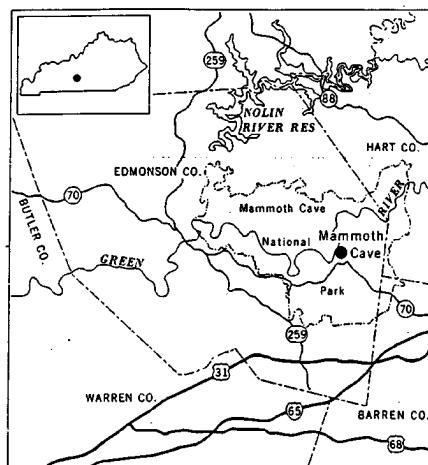
(f)-(g) [Reserved]

(h) *Crustaceans*.

KENTUCKY CAVE SHRIMP (*Palaemonias ganteri*)

Kentucky, Edmonson County: The Roaring River passage of the Flint-Mammoth Cave System in Mammoth Cave National Park.

NOTE: Map follows:



Known constituent elements include a stream in a base level cave passage with abundant organic material and sediments

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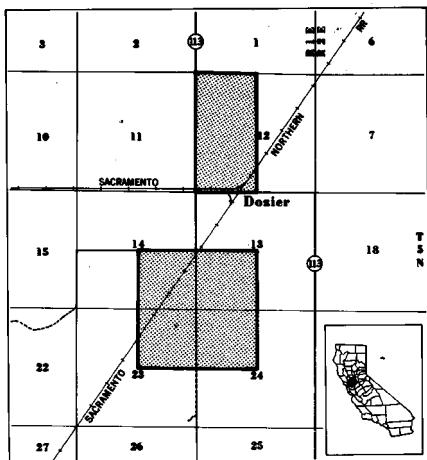
consisting of coarse silt and very coarse to very fine sand.

(i) *Insects.*

DELTA GREEN GROUND BEETLE (*Elaphrus viridis*)

California. Solano County. T.5N. R.1E. West  $\frac{1}{2}$  Sec. 12, southwest  $\frac{1}{4}$  Sec. 13, southeast  $\frac{1}{4}$  Sec. 14, northeast  $\frac{1}{4}$  Sec. 23, northwest  $\frac{1}{4}$  Sec. 24.

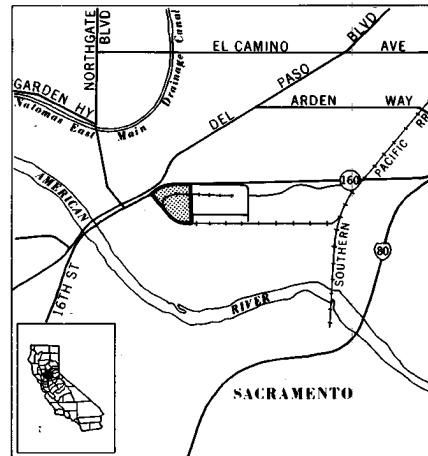
NOTE: Map follows:



VALLEY ELDERBERRY LONGHORN BEETLE (*Desmocerus californicus dimorphus*) CALIFORNIA. SACRAMENTO COUNTY.

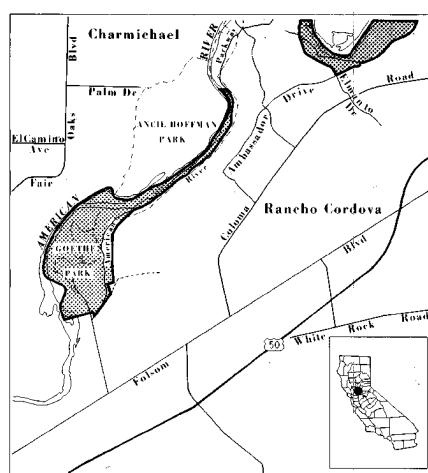
(1) *Sacramento Zone.* An area in the city of Sacramento enclosed on the north by the Route 160 Freeway, on the west and southwest by the Western Pacific railroad tracks, and on the east by Commerce Circle and its extension southward to the railroad tracks.

NOTE: Map follows:



(2) *American River Parkway Zone.* An area of the American River Parkway on the south bank of the American River, bounded on the north by latitude 30°37'30"N, on the west and southwest by Elmento Drive from its junction with Ambassador Drive to its extension to latitude 38°37'30"N, and on the south and east by Ambassador Drive and its extension north to latitude 38°37'30"N. Goethe Park, and that portion of the American River Parkway northeast of Goethe Park, west of the Jedediah Smith Memorial Bicycle Trail, and north to a line extended eastward from Palm Drive.

NOTE: Map follows:



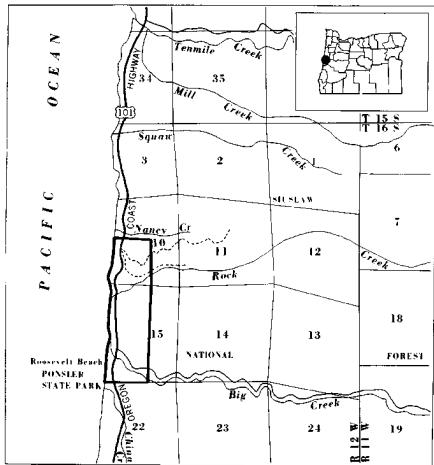
OREGON SILVERSPOUT BUTTERFLY (*Speyeria zerene hippolyta*)

Oregon. Lane County T. 16 S., R. 12 W. Those portions of section 15 and of the south

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half of section 10 which are west of a line parallel to, and 1500 feet west of, the eastern section boundaries of sections 10 and 15.

NOTE: Map follows:



Constituent biological elements essential to the continued existence of the Oregon silverspot butterfly within the Critical Habitat include the larval foodplant (*Viola adunca*), grasses and forbs in which the larvae find shelter, the composite plants from which the adults obtain nectar, and the spruce woods in which the adults find shelter.

**PALOS VERDES BLUE BUTTERFLY  
(*Glauopsyche lygdamus palosverdesensis*)**

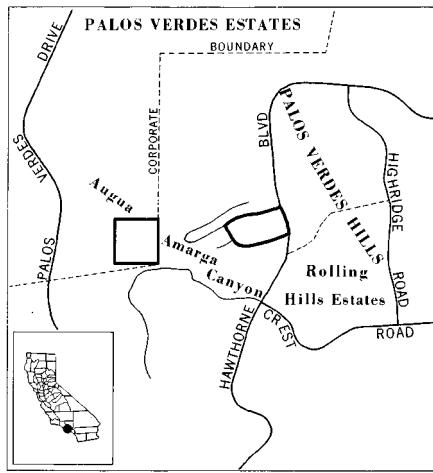
California. Los Angeles County.

1. Agua Amarga Canyon Zone. Rancho Palos Verdes Estates. A square area of land 0.4 x 0.4 kilometers located at the southernmost corporate boundary of Palos Verdes Estates.

2. Frank Hesse Park Zone. Rancho Palos Verdes. An area enclosed by Hawthorne Boulevard, Locklenna Lane, and Verde Drive.

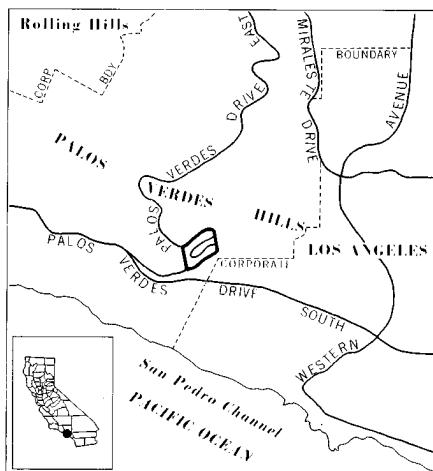
NOTE: Map follows:

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3. Palos Verdes Drive Zone. Rancho Palos Verdes. The Switchback area of Palos Verdes Drive East, bounded by a line connecting the two eastern curves, a line parallel to and 0.3 kilometers southwest of this line, and the upper and lower portions of Palos Verdes Drive East.

NOTE: Map follows:



Within these Critical Habitat areas, the known biological constituent elements essential to the conservation of this species are colonies of the larval foodplant, *Astragalus trichopodus leucopsis*.

**ASH MEADOWS NAUCORID (*Ambrysus amargosus*)**

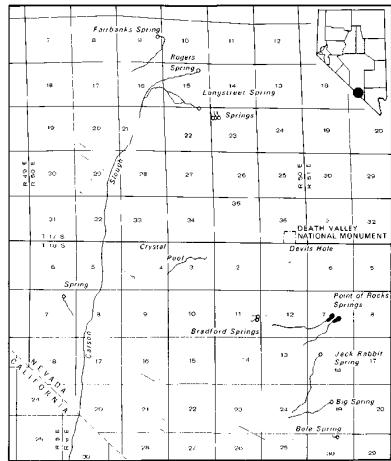
Nevada, Nye County, Point of Rocks Springs and their immediate outflows in SE 1/4 sec. 7, T18S, R51E.

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Known primary constituent elements include flowing warm water over rock and gravel substrate.

NOTE: Map follows:



[42 FR 47840, Sept. 22, 1977]

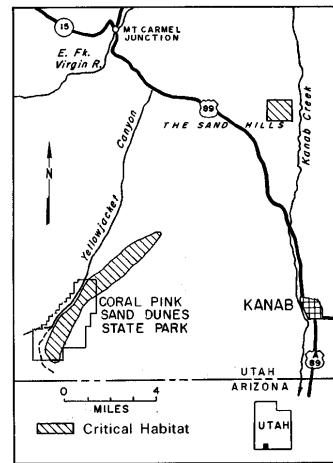
EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 17.95, see the List of CFR Sections Affected in the Finding Aids section of this volume.

### § 17.96 Critical habitat—plants.

#### (a) Flowering plants.

Family Asclepiadaceae: *Asclepias welshii* (Welsh's milkweed). Utah, Kane County: entire Coral Pink Sand Dunes, within T43S, R7W and R8W, and T44S, R8W about 10 miles west of Kanab; also, the area of the Sand Hills, about 10 miles north of Kanab, within T42S, R6W, Section 8 (S $\frac{1}{2}$  of the N $\frac{1}{2}$  and N $\frac{1}{2}$  of the S $\frac{1}{2}$ ). The constituent elements of this critical habitat are the sand dunes themselves.

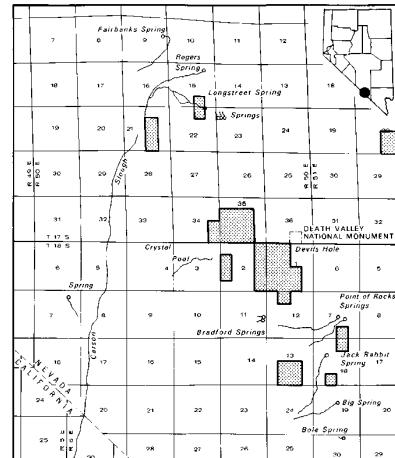
NOTE: Map follows:



Family Asteraceae—*Enceliopsis nudicaulis* var. *corrugata* (Ash Meadows sunray). Nevada, Nye County, Ash Meadows: SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 15, SW $\frac{1}{4}$ NE $\frac{1}{4}$  and W $\frac{1}{2}$ SE $\frac{1}{4}$  sec. 21, NW $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 22, E $\frac{1}{2}$ SE $\frac{1}{4}$  sec. 34, SW $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , and W $\frac{1}{2}$ SE $\frac{1}{4}$  sec. 35, T17S R50E. SE $\frac{1}{4}$  sec. 20, T17S, R51E. NW $\frac{1}{4}$ , SW $\frac{1}{4}$ , and W $\frac{1}{2}$ SE $\frac{1}{4}$  sec. 1, E $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , and E $\frac{1}{2}$ SE $\frac{1}{4}$  sec. 2, NE $\frac{1}{4}$ NW $\frac{1}{4}$ S. 12, E $\frac{1}{2}$ SW $\frac{1}{4}$  and W $\frac{1}{2}$ SE $\frac{1}{4}$  sec. 13, T18S, R50E. SW $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 7, NW $\frac{1}{4}$ NE $\frac{1}{4}$  and SE $\frac{1}{4}$ SW $\frac{1}{4}$  sec. 18, T18S, R51E.

Known primary constituent elements include dry washes or whitish saline soil associated with outcrops of pale whitish limestone.

NOTE: Map follows:



Family Asteraceae—*Grindelia fraxinopratensis* (Ash Meadows gumplant). California, Inyo County, Ash Meadows: NE $\frac{1}{4}$ ,