shrimp are the habitat components that provide:

(i) Vernal pools, swales, and other ephemeral wetlands and depressions of appropriate sizes and depths that typically become inundated during winter rains and hold water for sufficient lengths of time necessary for longhorn fairy shrimp incubation, reproduction, dispersal, feeding, and sheltering, including but not limited to, large, playa vernal pools often on basin rim landforms and alkaline soils, but which are dry during the summer and do not necessarily fill with water every year; and

(ii) The geographic, topographic, and edaphic features that support aggregations or systems of hydrologically interconnected pools, swales, and other ephemeral wetlands and depressions within a matrix of surrounding uplands that together form hydrologically and ecologically functional units called vernal pool complexes. These features contribute to the filling and drying of the vernal pool, and maintain suitable periods of pool inundation, water quality, and soil moisture for vernal pool crustacean hatching, growth and reproduction, and dispersal, but not necessarily every year.

(3) Existing manmade features and structures, such as buildings, roads, railroads, airports, runways, other paved areas, lawns, and other urban landscaped areas do not contain one or more of the primary constituent elements. Federal actions limited to those areas, therefore, would not trigger a consultation under section 7 of the Act unless they may affect the species and/or primary constituent elements in adjacent critical habitat.

(4) Critical habitat does not include the following lands although they may fall within the legal descriptions below:

(i) Lands within the following California counties: Butte, Madera, Merced, Sacramento, and Solano;

(ii) Federally-owned lands within the boundaries of the Kern, Sacramento, San Francisco Bay, and San Luis National Wildlife Refuges and National Wildlife Refuge Complexes, and the Coleman National Fish Hatchery;

(iii) State-owned lands within the boundaries of the Allensworth, Boggs Lake, Butte Creek Canyon, Calhoun Cut, Carrizo Plains, Dales Lake, Fagan Marsh, Phoenix Field, San Joaquin River, Stone Corral, and Thomes Creek Ecological Reserves;

(iv) State-owned lands within the boundaries of the Battle Creek, Big Sandy, Grizzly Island, Hill Slough, North Grasslands, and Oroville Wildlife Areas.

(5) Subunit 1A: Contra Costa County, California. From USGS 1:24,000 quadrangle map Byron Hot Springs, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 614700, 4184000; 614600, 4184000; 614600, 4184500; 614900, 4185000; 614600, 4185300; 614600, 4185900; 614700, 4185900; 614800, 4185400; 615100, 4185200; 615100, 4185500; 615300, 4185500; 615400, 4185200; 615600, 4184900; 615800, 4184900; 616000, 4184800; 616000, 4184700; 615800, 4184500; 615700, 4184500; 615500, 4184200; 615100, 4184200; 614800, 4184200; returning to 614700, 4184000.

(6) Subunit 1B: Alameda County, California. From USGS 1:24,000 quadrangle map Byron Hot Springs, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 616200, 4179000; 616100, 4179000; 615900, 4179200; 615900, 4179400; 615700, 4179600; 615500, 4180100; 615100, 4180500; 614800, 4180800; 614400, 4180900; 614100, 4181100; 614600, 4181500; 614700, 4181500; 614700, 4181700; 614900, 4181700; 615200, 4181400; 615400, 4181300; 615500, 4181200; 615500, 4181100; 615600, 4181100; 615700, 4181300; 615800, 4181200; 616000, 4180600; 616000, 4180500; 616200, 4180200; 616200, 4179900; 615900, 4179900; 615900, 4179700; 616200, 4179500; returning to 616200, 4179000.

(7) Subunit 2A: Merced, California. [Reserved]

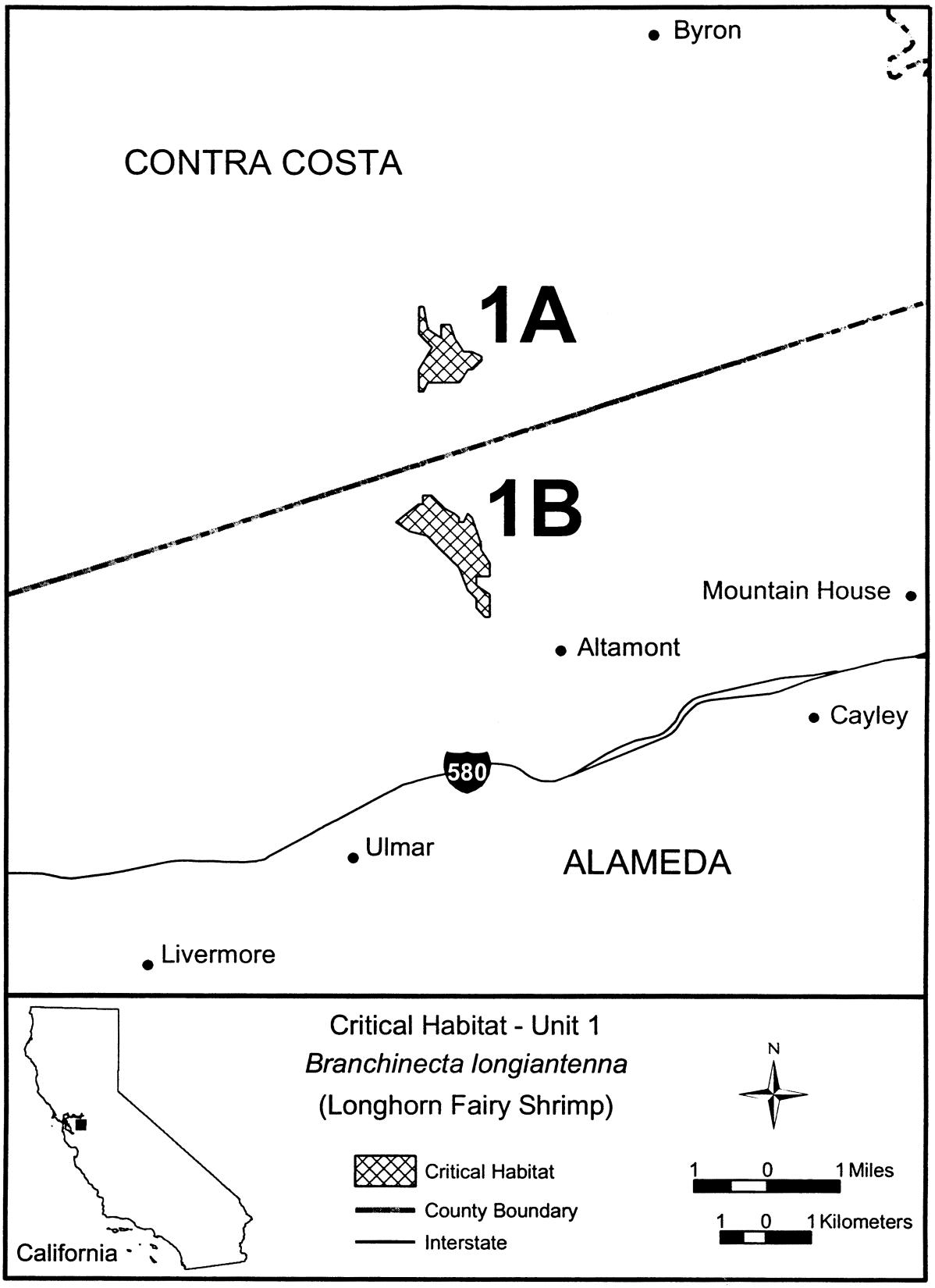
(8) Subunit 2B: Merced, California. [Reserved]

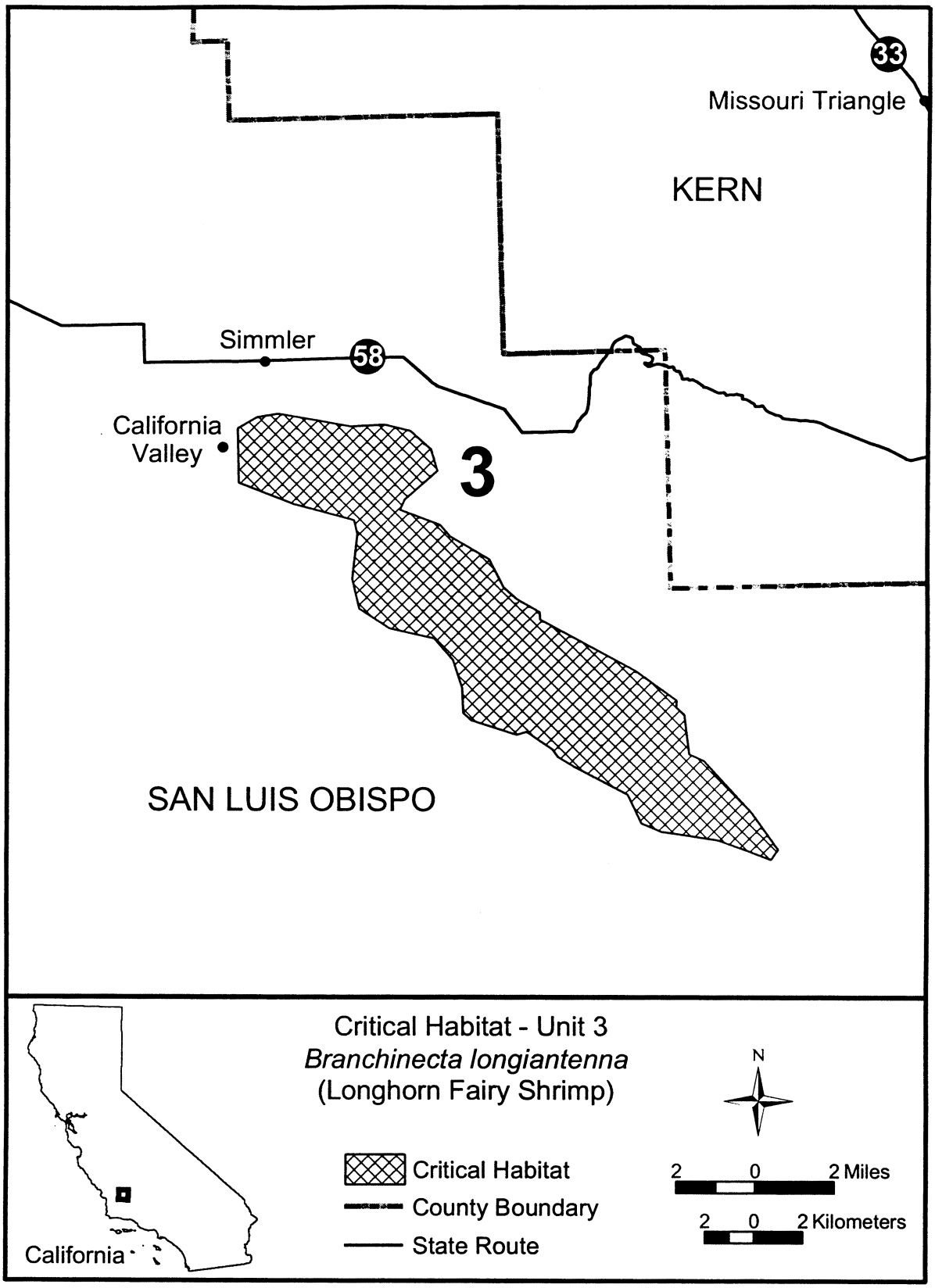
(9) Subunit 2C: Merced, California. [Reserved]

(10) Unit 3: San Luis Obispo County, California. From USGS 1:24,000 quadrangle maps Chimineas Ranch, McKittrick Summit, Painted Rock, and Simmler, California, land bounded by the following UTM 11 NAD 83 coordinates (E, N): 247900, 3894600; 245800, 3895500; 243500, 3896000; 242700, 3896400; 242200, 3897600; 240100, 3898900; 239500, 3899300; 239300, 3899600; 238300, 3900400; 237900, 3900300; 236100, 3901000; 235800, 3901300; 235800, 3902300; 235500, 3903500; 234800, 3904400; 233000, 3904900; 231800, 3905800; 231600, 3907000; 231900, 3908800; 231800, 3909400; 229400, 3910200; 227200, 3911200; 227300, 3913400; 228100, 3913800; 229000, 3913900; 231900, 3913200; 233300, 3913200; 234300, 3912900; 235100, 3912100; 235300, 3911200; 233900, 3910100; 233700, 3909700; 235300, 3909000; 235700, 3908500; 237200, 3907500; 237700, 3906300; 238200, 3905800; 239100, 3905200; 239100, 3904900; 242800, 3902600; 244400, 3901300; 244400, 3901000; 244700, 3900700; 244800, 3899100; 245400, 3898800; 247200, 3896600; 248200, 3895000; returning to 247900, 3894600.

(11) Maps follow of critical habitat units 1 and 3 (respectively) for longhorn fairy shrimp.

BILLING CODE 4310–55–P


Byron
CONTRA COSTA
1A
1B
Mountain House
Altamont
Cayley
580
Ulmar
ALAMEDA
Livermore
California
Critical Habitat - Unit 1
Branchinecta longiantenna
(Longhorn Fairy Shrimp)
Critical Habitat
County Boundary
Interstate
N
1 0 1 Miles
1 0 1 Kilometers


33
Missouri Triangle
KERN
Simmler
58
California
Valley
3
SAN LUIS OBISPO
Critical Habitat - Unit 3
Branchinecta longiantenna
(Longhorn Fairy Shrimp)
N
Critical Habitat
County Boundary
State Route
2 0 2 Miles
2 0 2 Kilometers
California

BILLING CODE 4310–55–C

Vernal Pool Fairy Shrimp (*Branchinecta lynchi*)

(1) Critical habitat units are depicted for Jackson County, Oregon; Shasta, Tehama, Glenn, Colusa, Placer, Napa, Contra Costa, Alameda, Amador, San Joaquin, Stanislaus, Mariposa, Fresno, Tulare, Kings, San Benito, Monterey, San Luis Obispo, Santa Barbara, and Ventura Counties, California on the map below:

(2) The primary constituent elements of critical habitat for vernal pool fairy shrimp are the habitat components that provide:

(i) Vernal pools, swales, and other ephemeral wetlands and depressions of appropriate sizes and depths that typically become inundated during winter rains and hold water for sufficient lengths of time necessary for vernal pool fairy shrimp incubation, reproduction, dispersal, feeding, and sheltering, including but not limited to, Northern Hardpan, Northern Claypan, Northern Volcanic Mud Flow, and Northern Basalt Flow vernal pools formed on a variety of geologic formations and soil types, but which are dry during the summer and do not necessarily fill with water every year; and

(ii) The geographic, topographic, and edaphic features that support aggregations or systems of hydrologically interconnected pools, swales, and other ephemeral wetlands and depressions within a matrix of surrounding uplands that together form hydrologically and ecologically functional units called vernal pool complexes. These features contribute to the filling and drying of the vernal pool, and maintain suitable periods of pool inundation, water quality, and soil moisture for vernal pool crustacean hatching, growth and reproduction, and dispersal, but not necessarily every year.

(3) Existing manmade features and structures, such as buildings, roads, railroads, airports, runways, other paved areas, lawns, and other urban landscaped areas do not contain one or more of the primary constituent elements. Federal actions limited to those areas, therefore, would not trigger a consultation under section 7 of the Act unless they may affect the species and/or primary constituent elements in adjacent critical habitat.

(4) Critical habitat does not include the following lands although they may fall within the legal descriptions below:

(i) Lands within the following California counties: Butte, Madera, Merced, Sacramento, and Solano;

(ii) Federally-owned lands within the boundaries of the Kern, Sacramento, San Francisco Bay, and San Luis National Wildlife Refuges and National Wildlife Refuge Complexes, and the Coleman National Fish Hatchery;

(iii) State-owned lands within the boundaries of the Allensworth, Boggs Lake, Butte Creek Canyon, Calhoun Cut, Carrizo Plains, Dales Lake, Fagan Marsh, Phoenix Field, San Joaquin River, Stone Corral, and Thomes Creek Ecological Reserves;

(iv) State-owned lands within the boundaries of the Battle Creek, Big Sandy, Grizzly Island, Hill Slough, North Grasslands, and Oroville Wildlife Areas.

(5) Subunit 1A: Jackson County, Oregon. From USGS 1:24,000 quadrangle map Shady Cove, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 513900, 4709700; 513600, 4709700; 513600, 4709800; 513500, 4709800; 513500, 4710000; 513700, 4710000; 513700, 4710300; 513200, 4710300; 513200, 4710600; 513100, 4710600; 513100, 4710800; 514300, 4710800; 514300, 4710300; 514100, 4710300; 514100, 4709900; 513900, 4709900; returning to 513900, 4709700.

(6) Subunit 1B: Jackson County, Oregon. From USGS 1:24,000 quadrangle map Shady Cove, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 513900, 4707000; 513600, 4707000; 513600, 4707300; 513700, 4707300; 513700, 4707400; 513800, 4707400; 513800, 4707500; 513400, 4707500; 513400, 4708000; 514700, 4708000; 514700, 4707700; 514600, 4707700; 514600, 4707600; 514200, 4707600; 514200, 4707500; 514100, 4707500; 514100, 4707300; 514000, 4707300; 514000, 4707200; 513900, 4707200; returning to 513900, 4707000.

(7) Subunit 1C: Jackson County, Oregon. From USGS 1:24,000 quadrangle map Shady Cove, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 512000, 4706600; 511800, 4706600; 511800, 4706700; 511300, 4706700; 511300, 4706800; 511200, 4706800; 511200, 4706900; 511100, 4706900; 511100, 4707000; 511000, 4707000; 511000, 4707200; 511100, 4707200; 511100, 4707300; 511200, 4707300; 511200, 4707400; 511100, 4707400; 511100, 4707500; 511200, 4707500; 511200, 4707600; 511400, 4707600; 511400, 4707700; 511600, 4707700; 511600, 4707800; 511800, 4707800; 511800, 4707300; 511900, 4707300; 511900, 4706800; 512000, 4706800; returning to 512000, 4706600.

(8) Subunit 1D: Jackson County, Oregon. From USGS 1:24,000 quadrangle maps Eagle Point and Shady Cove, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 515900, 4706700; 515900, 4707000; 516200, 4707000; 516200, 4706900; 516300, 4706900; 516300, 4706700; 516400, 4706700; 516400, 4706800; 516500, 4706800; 516500, 4707000; 516700, 4707000; 516700, 4706900; 516900, 4706900; 516900, 4707000; 517000, 4707000; 517000, 4707100; 517100, 4707100; 517100, 4706900; 517400, 4706900; 517400, 4706700; 517300, 4706700; 517300, 4706500; 517200, 4706500; 517200, 4706400; 517100, 4706400; 517100, 4706300; 516700, 4706300; 516700, 4705600; 516500, 4705600; 516500, 4705500; 516600, 4705500; 516600, 4705400; 516700, 4705400; 516700, 4704800; 516600, 4704800; 516600, 4704600; 516300, 4704600; 516300, 4704500; 516400, 4704500; 516400, 4704400; 516500, 4704400; 516500, 4704300; 515800, 4704300; 515800, 4704600; 516000, 4704600; 516000, 4704700; 515500, 4704700; 515500, 4704800; 515400, 4704800; 515400, 4705100; 515500, 4705100; 515500, 4705200; 515700, 4705200; 515700, 4705300; 515800, 4705300; 515800, 4705900; 515700, 4705900; 515700, 4706200; 515600, 4706200; 515600, 4706400; 515500, 4706400; 515500, 4706500; 515100, 4706500; 515100, 4706700; 515000, 4706700; 515000, 4706900; 514700, 4706900; 514700, 4707000; 514600, 4707000; 514600, 4707200; 514700, 4707200; 514700, 4707300; 515000, 4707300; 515000, 4707200; 515100, 4707200; 515100, 4707100; 515200, 4707100; 515200, 4707000; 515300, 4707000; 515300, 4706800; 515400, 4706800; 515400, 4706700; 515500, 4706700; 515500, 4706600; 515600, 4706600; 515600, 4706700; returning to 515900, 4706700; excluding land bound by 515900, 4706700; 515900, 4706500; 516000, 4706500; 516000, 4706400; 516100, 4706400; 516100, 4706600; 516000, 4706600; 516000, 4706700; returning to 515900, 4706700.

(9) Subunit 1E: Jackson County, Oregon. From USGS 1:24,000 quadrangle maps Boswell Mountain and Shady Cove, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 510500, 4706000; 510400, 4706000; 510400, 4706100; 510300, 4706100; 510300, 4706300; 510100, 4706300; 510100, 4706400; 510000, 4706400; 510000, 4706500; 509800, 4706500; 509800, 4706700; 510000, 4706700; 510000, 4706900; 510100, 4706900; 510100, 4707000;

510200, 4707000; 510200, 4706900; 510500, 4706900; 510500, 4707000; 510600, 4707000; 510600, 4707100; 510800, 4707100; 510800, 4706900; 511000, 4706900; 511000, 4706500; 510700, 4706500; 510700, 4706300; 510500, 4706300; returning to 510500, 4706000.

(10) Subunit 1F: Jackson County, Oregon. From USGS 1:24,000 quadrangle maps Eagle Point and Shady Cove, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 511400, 4704800; 511200, 4704800; 511200, 4705000; 511000, 4705000; 511000, 4705200; 510900, 4705200; 510900, 4705300; 510800, 4705300; 510800, 4705900; 511000, 4705900; 511000, 4706000; 511300, 4706000; 511300, 4705900; 511500, 4705900; 511500, 4705100; 511400, 4705100; returning to 511400, 4704800; excluding land bound by 511300, 4705300; 511300, 4705500; 511200, 4705500; 511200, 4705300; returning to 511300, 4705300.

(11) Subunit 1G: Jackson County, Oregon. From USGS 1:24,000 quadrangle map Eagle Point, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 517700, 4704000; 517200, 4704000; 517200, 4704100; 517100, 4704100; 517100, 4704300; 517000, 4704300; 517000, 4704700; 516900, 4704700; 516900, 4704900; 517000, 4704900; 517000, 4705000; 517100, 4705000; 517100, 4705100; 517600, 4705100; 517600, 4705000; 517800, 4705000; 517800, 4704900; 517900, 4704900; 517900, 4704800; 519100, 4704800; 519100, 4704700; 519300, 4704700; 519300, 4704600; 519400, 4704600; 519400, 4704300; 519100, 4704300; 519100, 4704200; 518600, 4704200; 518600, 4704100; 517900, 4704100; 517900, 4704200; 517700, 4704200; returning to 517700, 4704000.

(12) Subunit 2A: Jackson County, Oregon. From USGS 1:24,000 quadrangle map Eagle Point, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 514300, 4698400; 513400, 4698400; 513400, 4698500; 513300, 4698500; 513300, 4698600; 513400, 4698600; 513400, 4698700; 513500, 4698700; 513500, 4698800; 513700, 4698800; 513700, 4699000; 513800, 4699000; 513800, 4699100; 513900, 4699100; 513900, 4699200; 514200, 4699200; 514200, 4698800; 514300, 4698800; 514300, 4698900; 514400, 4698900; 514400, 4699000; 514900, 4699000; 514900, 4698900; 515100, 4698900; 515100, 4699100; 515200, 4699100; 515200, 4699000; 515500, 4699000; 515500, 4698800; 515600, 4698800; 515600, 4699000; 515700, 4699000; 515700, 4698900; 515800, 4698900; 515800, 4698500; 515500, 4698500; 515500, 4698700; 515400, 4698700; 515400, 4698600; 515300, 4698600; 515300, 4698500; 515100, 4698500; 515100, 4698600; 514900, 4698600; 514900, 4698500; 514400, 4698500; 514400, 4698600; 514300, 4698600; returning to 514300, 4698400.

(13) Subunit 2B: Jackson County, Oregon. From USGS 1:24,000 quadrangle maps Brownsboro and Eagle Point, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 520800, 4694400; 520700, 4694400; 520700, 4694500; 520500, 4694500; 520500, 4694600; 520400, 4694600; 520400, 4694700; 520300, 4694700; 520300, 4694800; 519900, 4694800; 519900, 4694900; 519500, 4694900; 519500, 4695200; 519400, 4695200; 519400, 4695600; 519300, 4695600; 519300, 4695800; 519200, 4695800; 519200, 4695900; 519100, 4695900; 519100, 4696000; 519000, 4696000; 519000, 4696200; 519300, 4696200; 519300, 4696300; 519100, 4696300; 519100, 4696400; 518900, 4696400; 518900, 4696500; 518800, 4696500; 518800, 4696400; 518600, 4696400; 518600, 4696700; 518500, 4696700; 518500, 4696800; 518400, 4696800; 518400, 4696900; 518300, 4696900; 518300, 4697000; 518200, 4697000; 518200, 4697100; 518100, 4697100; 518100, 4697200; 517600, 4697200; 517600, 4697300; 517300, 4697300; 517300, 4697400; 517100, 4697400; 517100, 4697600; 517000, 4697600; 517000, 4697800; 516900, 4697800; 516900, 4698400; 517300, 4698400; 517300, 4698300; 517500, 4698300; 517500, 4698200; 517600, 4698200; 517600, 4698300; 517900, 4698300; 517900, 4697800; 518500, 4697800; 518500, 4697700; 518600, 4697700; 518600, 4697600; 518800, 4697600; 518800, 4697700; 519100, 4697700; 519100, 4697600; 519300, 4697600; 519300, 4697500; 519400, 4697500; 519400, 4697400; 519500, 4697400; 519500, 4697300; 519700, 4697300; 519700, 4697200; 519800, 4697200; 519800, 4697100; 520000, 4697100; 520000, 4696800; 519900, 4696800; 519900, 4696700; 520400, 4696700; 520400, 4696600; 520500, 4696600; 520500, 4696300; 520400, 4696300; 520400, 4696100; 520500, 4696100; 520500, 4696200; 520600, 4696200; 520600, 4696100; 520700, 4696100; 520700, 4695900; 520600, 4695900; 520600, 4695800; 520500, 4695800; 520500, 4695500; 520700, 4695500; 520700, 4695400; 520800, 4695400; returning to 520800, 4694400.

(14) Subunit 2C: Jackson County, Oregon. From USGS 1:24,000 quadrangle map Eagle Point, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 516100, 4697400; 515000, 4697400; 515000, 4697800; 515200, 4697800; 515200, 4697700; 515300, 4697700; 515300, 4697800; 516100, 4697800; returning to 516100, 4697400.

(15) Subunit 2D: Jackson County, Oregon. From USGS 1:24,000 quadrangle map Eagle Point, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 516200, 4696200; 515900, 4696200; 515900, 4696900; 516100, 4696900; 516100, 4697000; 516500, 4697000; 516500, 4697100; 516800, 4697100; 516800, 4697200; 517000, 4697200; 517000, 4697100; 517200, 4697100; 517200, 4697000; 517300, 4697000; 517300, 4696900; 517400, 4696900; 517400, 4696600; 517200, 4696600; 517200, 4696700; 516800, 4696700; 516800, 4696600; 516300, 4696600; 516300, 4696500; 516200, 4696500; returning to 516200, 4696200.

(16) Subunit 2E: Jackson County, Oregon. From USGS 1:24,000 quadrangle map Eagle Point, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 515200, 4695800; 515000, 4695800; 515000, 4695900; 514500, 4695900; 514500, 4695800; 514300, 4695800; 514300, 4695900; 514200, 4695900; 514200, 4696000; 514100, 4696000; 514100, 4695900; 514000, 4695900; 514000, 4695800; 513900, 4695800; 513900, 4695900; 513800, 4695900; 513800, 4696600; 513500, 4696600; 513500, 4696800; 515600, 4696800; 515600, 4696600; 515500, 4696600; 515500, 4696400; 515100, 4696400; 515100, 4696300; 515200, 4696300; 515200, 4695800; excluding land bound by 514700, 4696300; 514700, 4696500; 514500, 4696500; 514500, 4696400; 514300, 4696400; 514300, 4696500; 514200, 4696500; 514200, 4696400; 514100, 4696400; 514100, 4696300; returning to 514700, 4696300.

(17) Subunit 3A: Jackson County, Oregon. From USGS 1:24,000 quadrangle map Eagle Point, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 511600, 4698900; 511600, 4699000; 511400, 4699000; 511400, 4699100; 511100, 4699100; 511100, 4699200; 510700, 4699200; 510700, 4699300; 510600, 4699300; 510600, 4699500; 510900, 4699500; 510900, 4699600; 511200, 4699600; 511200, 4699700; 511300, 4699700; 511300, 4699900; 511400, 4699900; 511400, 4700000; 511500, 4700000; 511500, 4699900; 511600, 4699900; 511600, 4699800; 511700, 4699800; 511700, 4699900; 511900, 4699900; 511900, 4698900; returning to 511600, 4698900.

(18) Subunit 3B: Jackson County, Oregon. From USGS 1:24,000 quadrangle maps Eagle Point and Sams Valley, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 511600, 4698900; 511600, 4698600; 511300, 4698600; 511300, 4698700; 511200, 4698700; 511200, 4698600; 511000, 4698600; 511000, 4698500; 510700, 4698500; 510700, 4698600; 510500, 4698600; 510500, 4698500; 509600, 4698500; 509600, 4698100; 509400, 4698100; 509400, 4698000; 509200, 4698000; 509200, 4697800; 509300, 4697800; 509300, 4697600; 509400, 4697600; 509400, 4697200; 509500, 4697200; 509500, 4697000; 510100, 4697000; 510100, 4697100; 511700, 4697100; 511700, 4697000; 511900, 4697000; 511900, 4696400; 510800, 4696400; 510800, 4696300; 510600, 4696300; 510600, 4696400; 510300, 4696400; 510300, 4696500; 509700, 4696500; 509700, 4696600; 509600, 4696600; 509600, 4696500; 508900, 4696500; 508900, 4696600; 508600, 4696600; 508600, 4696700; 508400, 4696700; 508400, 4696800; 508300, 4696800; 508300, 4696900; 508200, 4696900; 508200, 4697000; 508100, 4697000; 508100, 4697100; 508000, 4697100; 508000, 4697300; 508100, 4697300; 508100, 4697600; 508400, 4697600; 508400, 4697700; 508600, 4697700; 508600, 4697800; 508500, 4697800; 508500, 4698000; 508400, 4698000; 508400, 4698400; 508500, 4698400; 508500, 4698500; 508800, 4698500; 508800, 4698600; 508900, 4698600; 508900, 4698300; 509000, 4698300; 509000, 4698400; 509100, 4698400; 509100, 4698600; 509200, 4698600; 509200, 4698700; 509500, 4698700; 509500, 4698900; 509800, 4698900; 509800, 4699000; 510100, 4699000; 510100, 4699100; 511000, 4699100; 511000, 4699000; 511300, 4699000; 511300, 4698900; 511600, 4698900; excluding land bound by 508600, 4697100; 508600, 4697300, 508500, 4697300; 508500, 4697100; returning to 508600, 4697100; and excluding land bound by 509100, 469700; 509100, 4697800; 508800, 4697800; 508800, 4697700; returning to 509100, 469700.

(19) Subunit 3C: Jackson County, Oregon. From USGS 1:24,000 quadrangle map Sams Valley, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 508300, 4695000; 507800, 4695000; 507800, 4695200; 507400, 4695200; 507400, 4695400; 506900, 4695400; 506900, 4695800; 506800, 4695800; 506800, 4695900; 506400, 4695900; 506400, 4695800; 505600, 4695800; 505600, 4696000; 505800, 4696000; 505800, 4696700; 506200, 4696700; 506200, 4696800; 506100, 4696800; 506100, 4697300; 506200, 4697300; 506200, 4697600; 506800, 4697600; 506800, 4697500; 506900, 4697500; 506900, 4697300; 506800, 4697300; 506800, 4697200; 506700, 4697200; 506700, 4696700; 507000, 4696700; 507000, 4697000; 506900, 4697000; 506900, 4697200; 507000, 4697200; 507000, 4697400; 507100, 4697400; 507100, 4697500; 507200, 4697500; 507200, 4697400; 507300, 4697400; 507300, 4697300; 507400, 4697300; 507400, 4697100; 507500, 4697100; 507500, 4697000; 507600, 4697000; 507600, 4696900; 507700, 4696900; 507700, 4696700; 507900, 4696700; 507900, 4696000; 508300, 4696000; returning to 508300, 4695000.

(20) Subunit 4A: Jackson County, Oregon. From USGS 1:24,000 quadrangle map Sams Valley, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 508600, 4701300; 508400, 4701300; 508400, 4701500; 508300, 4701500; 508300, 4701900; 508200, 4701900; 508200, 4702000; 508100, 4702000; 508100, 4702100; 508000, 4702100; 508000, 4702200; 507900, 4702200; 507900, 4702300; 507800, 4702300; 507800, 4702400; 507700, 4702400; 507700, 4702500; 507600, 4702500; 507600, 4702400; 507500, 4702400; 507500, 4702300; 507300, 4702300; 507300, 4702200; 507400, 4702200; 507400, 4702100; 507600, 4702100; 507600, 4702000; 507700, 4702000; 507700, 4701800; 507800, 4701800; 507800, 4701700; 507900, 4701700; 507900, 4701400; 507700, 4701400; 507700, 4701500; 507600, 4701500; 507600, 4701600; 507300, 4701600; 507300, 4701700; 507100, 4701700; 507100, 4701800; 507000, 4701800; 507000, 4701900; 506900, 4701900; 506900, 4702000; 506800, 4702000; 506800, 4702200; 506700, 4702200; 506700, 4702400; 506600, 4702400; 506600, 4702500; 506500, 4702500; 506500, 4702700; 506600, 4702700; 506600, 4702900; 506700, 4702900; 506700, 4703100; 506800, 4703100; 506800, 4703400; 507000, 4703400; 507000, 4703500; 507200, 4703500; 507200, 4703400; 507300, 4703400; 507300, 4703300; 507800, 4703300; 507800, 4703200; 507900, 4703200; 507900, 4703100; 508000, 4703100; 508000, 4703000; 508100, 4703000; 508100, 4702900; 508200, 4702900; 508200, 4702800; 508300, 4702800; 508300, 4702700; 508400, 4702700; 508400, 4702500; 508500, 4702500; 508500, 4702300; 508600, 4702300; 508600, 4701900; 508800, 4701900; 508800, 4701500; 508700, 4701500; 508700, 4701400; 508600, 4701400; returning to 508600, 4701300.

(21) Subunit 4B: Jackson County, Oregon. From USGS 1:24,000 quadrangle map Sams Valley, Oregon, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 504000, 4698900; 503800, 4698900; 503800, 4699000; 503700, 4699000; 503700, 4699400; 503800, 4699400; 503800, 4699800; 503700, 4699800; 503700, 4700900; 503800, 4700900; 503800, 4700800; 503900, 4700800; 503900, 4700700; 504000, 4700700; 504000, 4700600; 504300, 4700600; 504300, 4700500; 504400, 4700500; 504400, 4699500; 504200, 4699500; 504200, 4699200; 504100, 4699200; 504100, 4699100; 504000, 4699100; returning to 504000, 4698900.

(22) Unit 5: Shasta County, California. From USGS 1:24,000 quadrangle maps Balls Ferry, Cottonwood, Enterprise, and Palo Cedro, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 564200, 4480900; 563600, 4480900; 563300, 4481000; 563100, 4480900; 562900, 4480900; 562500, 4481200; 562400, 4481500; 562400, 4481700; 562300, 4482400; 562000, 4482500; 561900, 4482800; 561800, 4483300; 561500, 4483700; 561000, 4484000; 560700, 4485400; 560700, 4486500; 560800, 4486700; 561000, 4486900; 561200, 4487000; 561300, 4487600; 561600, 4487900; 562000, 4487900; 562500, 4487400; 562700, 4487100; 562900, 4487200; 563200, 4487200; 563300, 4487000; 563300, 4486700; 563800, 4486400; 564300, 4484700; 564300, 4484400; 564500, 4484100; 564500, 4483800; 564600, 4483700; 564600, 4483400; 564400, 4483100; 564100, 4482800; 564100, 4482600; 564300, 4482600; 564300, 4482400; 564300, 4482300; 564200, 4482200; 564100, 4482100; 564000, 4482100; 564200, 4481800; 564200, 4480900; excluding land bound by 562900, 4482600; 562900, 4485000; 562100, 4485000; 562100, 4485372; 562100, 4485400; 561700, 4485400; 561700, 4485400; 561700, 4485779; 561700, 4485800; 561300, 4485800; 561300, 4484100; 562100, 4484100; 562300, 4484010; 562300, 4484000; 562300, 4483803; 562300, 4483800; 562304, 4483794; 562500, 4483500; 562500, 4483500; 562400, 4483500; 562400, 4483500; 562400, 4482600; returning to 562900, 4482600.

(23) Unit 6: Tehama County, California. From USGS 1:24,000 quadrangle maps Corning, Gerber, Henleyville, Red Bluff East, Red Bluff West, West of Gerber, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 555200, 4423600; 555100, 4423600; 555000, 4423600;

554600, 4424900; 555100, 4425600; 557200, 4426300; 557800, 4426800; 558300, 4426500; 559500, 4428300; 558200, 4428200; 557800, 4428500; 557400, 4429300; 558000, 4429900; 558600, 4430000; 558600, 4431100; 560000, 4431600; 559200, 4431900; 558300, 4432000; 557400, 4432200; 557400, 4432600; 558400, 4433100; 558400, 4433600; 557800, 4433600; 557500, 4433800; 557300, 4434400; 555100, 4434800; 555100, 4435400; 557000, 4436200; 557900, 4439000; 557000, 4439000; 554600, 4437400; 553200, 4437000; 553200, 4437600; 554500, 4438100; 555400, 4439700; 556500, 4439800; 556500, 4441800; 558500, 4442600; 558500, 4443000; 557400, 4442900; 557000, 4443000; 556800, 4443400; 557500, 4444300; 558000, 4443700; 558400, 4443700; 559800, 4443900; 559800, 4443700; 559700, 4443500; 559700, 4443200; 559900, 4443400; 560000, 4443500; 560500, 4443500; 560700, 4443600; 561000, 4443700; 561700, 4443900; 562400, 4444000; 562500, 4444100; 562600, 4444100; 562600, 4444500; 562900, 4444500; 563400, 4444500; 563400, 4444400; 563500, 4444400; 563700, 4444400; 563800, 4443800; 564200, 4443800; 564300, 4443600; 564200, 4443400; 564100, 4443200; 564000, 4443200; 564000, 4443000; 564100, 4443000; 564100, 4442800; 564100, 4442700; 564100, 4442600; 564200, 4442600; 564300, 4442900; 564400, 4443100; 564400, 4443400; 564700, 4443400; 565200, 4443400; 565500, 4443300; 565800, 4442900; 566100, 4442900; 566200, 4442500; 566100, 4442400; 566100, 4442100; 565800, 4441900; 566000, 4441600; 566000, 4441500; 565400, 4441200; 565500, 4441000; 565400, 4440800; 565400, 4440200; 565400, 4439000; 566100, 4439000; 566100, 4439300; 566500, 4439900; 566400, 4440400; 566000, 4440600; 567500, 4441200; 567900, 4441200; 568700, 4440600; 568400, 4440400; 568300, 4439900; 568700, 4439100; 569500, 4439400; 570200, 4438100; 569400, 4438200; 569000, 4438300; 568600, 4438400; 567800, 4438400; 567600, 4438400; 567400, 4438200; 567000, 4438100; 567000, 4438000; 566800, 4437700; 566800, 4437400; 566200, 4437400; 566200, 4438200; 565900, 4438400; 565400, 4438000; 564200, 4438000; 564200, 4437800; 563900, 4437800; 563600, 4437600; 563400, 4437400; 563400, 4436900; 563400, 4436600; 563200, 4436600; 563200, 4436200; 563200, 4435800; 563500, 4435800; 563700, 4436100; 564200, 4436400; 564500, 4436500; 564700, 4436500; 564900, 4436400; 564900, 4436200; 564800, 4435800; 565100, 4435800; 564800, 4435500; 564500, 4435500; 564400, 4435400; 564200, 4435200; 564100, 4435000; 563800, 4434900; 563600, 4434700; 563500, 4434500; 563400, 4434500; 563200, 4434200; 563600, 4434200; 563600, 4432600; 563700, 4432600; 563500, 4432100; 564500, 4432000; 564500, 4431500; 565400, 4431500; 565400, 4431400; 567000, 4431300; 567000, 4430700; 566800, 4430500; 567400, 4430500; 567500, 4429600; 566800, 4429600; 566300, 4429600; 566100, 4429700; 566100, 4429100; 566000, 4429200; 565800, 4429300; 565500, 4429200; 565300, 4429200; 565100, 4429000; 564600, 4429000; 564300, 4428700; 564000, 4428700; 563700, 4428500; 563700, 4428200; 564100, 4428200; 564600, 4428200; 565500, 4428300; 566600, 4428100; 566600, 4428000; 567000, 4428000; 567100, 4427900; 567300, 4427200; 566900, 4427200; 566100, 4426900; 566000, 4426700; 565500, 4426700; 565400, 4426600; 564800, 4426600; 564800, 4426200; 564800, 4425900; 563700, 4425800; 562600, 4425100; 562300, 4425000; 562100, 4425000; 562000, 4425000; 561800, 4424900; 561700, 4424800; 561600, 4424800; 561500, 4424800; 561300, 4424800; 561200, 4424800; 560900, 4424900; 560700, 4424900; 560400, 4425000; 560100, 4424900; 559800, 4424800; 559800, 4424500; 559700, 4424400; 559400, 4424300; 559300, 4424400; 559200, 4424500; 559100, 4424500; 558900, 4424700; 558700, 4424800; 558300, 4424800; 558100, 4424800; 557900, 4424600; 557700, 4424500; 557300, 4424300; 557000, 4424200; 556800, 4424100; 556600, 4424100; 556100, 4424000; 555900, 4424000; 555800, 4423900; 555900, 4423800; 555800, 4423800; 555500, 4423800; 555400, 4423800; 555300, 4423700; returning to 555200, 4423600.

(24) Unit 7: Butte and Tehama Counties, California. From USGS 1:24,000 quadrangle maps Acorn Hollow, Campbell Mound, Foster Island, Nord, Richardson Springs, Richardson Springs NW, and Vina, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N):

(i) Start at 592400, 4416700; 592500, 4416600; 592500, 4416000; 592000, 4416000; 592000, 4415800; 592500, 4415800; 593800, 4416300; 594100, 4416300; 594400, 4416300; 594400, 4415800; 594900, 4415800; 594900, 4416300; 595500, 4416300; 595500, 4416400; 595900, 4416500; 596000, 4416500; 596100, 4416400; 596200, 4416500; 596300, 4416600; 596400, 4416700; 596500, 4416700; 596500, 4416800; 596600, 4416800; 597100, 4416400; 597100, 4415600; 596800, 4415200; 597100, 4415000; 597800, 4415500; 598100, 4415200; 597600, 4414600; 597600, 4414400; 597300, 4413800; 597300, 4413300; 598200, 4413900; 598400, 4413900; 598400, 4413600; 597400, 4411900; 597600, 4411900; 598300, 4412700; 598500, 4413300; 598900, 4413300; 598900, 4411800; 599400, 4411700; 599800, 4411700; 599800, 4411000; 599300, 4410700; 599100, 4410800; 599000, 4410800; 598800, 4410600; 598500, 4410400; 598300, 4410100; 598100, 4410000; 598000, 4409900; 597700, 4409800; 597600, 4409600; 597500, 4409500; 597300, 4409500; 597100, 4409400; 596900, 4409200; 596800, 4409200; 596700, 4409100; 596200, 4409100; 596000, 4408900; 595900, 4408800; 595700, 4408800; 595500, 4408200; 594300, 4408200; 594100, 4408300; 594000, 4408400; 593600, 4408500; 593400, 4408200; 593300, 4408200; 593300, 4408500; 592900, 4408500; 592900, 4408600; 593000, 4408600; 593100, 4409200; 593200, 4409200; 593200, 4409300; 592900, 4409300; 592900, 4409500; 593100, 4409600; 593100, 4409500; 593200, 4409500; 593200, 4409800; 593300, 4409900; 593300, 4410400; 593100, 4410400; 592900, 4410200; 592600, 4410200; 592600, 4410000; 592500, 4409900; 592500, 4409700; 591700, 4409400; 591500, 4409400; 591700, 4409100; 591700, 4409000; 591500, 4409000; 591500, 4408600; 590900, 4408600; 590900, 4408900; 590700, 4409000; 590800, 4409400; 591000, 4409500; 591200, 4409500; 591100, 4409800; 590500, 4409800; 590300, 4409600; 590300, 4409500; 590100, 4409500; 590000, 4409400; 590300, 4409400; 590400, 4409000; 590500, 4408600; 590100, 4408600; 590100, 4408800; 589900, 4409000; 589500, 4408900; 589300, 4408900; 589300, 4409200; 589400, 4409200; 589400, 4409400; 589300, 4409400; 589300, 4409800; 589700, 4409800; 589700, 4410600; 588400, 4410600; 588300, 4411300; 588100, 4411400; 588100, 4412000; 588100, 4413300; 588200, 4413500; 588300, 4413900; 588500, 4414000; 588500, 4414600; 589200, 4414700; 589200, 4415000; 589200, 4415300; 589400, 4415500; 589700, 4415600; 589700, 4415800; 589900, 4415800; 590000, 4415900; 590000, 4416000; 589900, 4416000; 589400, 4415900; 589100, 4415800; 589000, 4415700; 588800, 4415500; 588700, 4415400; 588600, 4415100; 588200, 4415100; 588200, 4416000; 588300, 4416200; 588300, 4416600; 588800, 4417000; 589100, 4417400; 589200,

4417600; 589200, 4417700; 589300, 4417900; 589300, 4418100; 589400, 4418200; 589300, 4418300; 590700, 4419800; 588000, 4417000; 587500, 4416400; 587200, 4415500; 587200, 4415100; 587300, 4415000; 587300, 4414500; 587200, 4414400; 587100, 4414300; 586900, 4414000; 586400, 4413900; 586200, 4413700; 586000, 4413600; 585800, 4413600; 585800, 4414700; 585300, 4414700; 585300, 4413800; 585200, 4413700; 584800, 4413700; 584600, 4413600; 584400, 4413600; 584200, 4413500; 584000, 4413700; 583200, 4413400; 583000, 4414200; 583700, 4414600; 583500, 4415000; 583000, 4415900; 583000, 4416400; 582900, 4416700; 582800, 4416900; 582700, 4417000; 582700, 4417200; 582900, 4417300; 582800, 4417400; 582700, 4417500; 582700, 4417600; 582600, 4417700; 582600, 4418000; 582600, 4418100; 582600, 4418200; 582700, 4418300; 582500, 4418400; 582400, 4418300; 582200, 4418300; 582100, 4418400; 582100, 4418500; 582000, 4418600; 582100, 4418700; 582100, 4418900; 582200, 4419100; 582100, 4419300; 582200, 4419500; 582100, 4419600; 582000, 4419700; 582100, 4419800; 582100, 4419900; 582200, 4420000; 582200, 4420300; 582100, 4420500; 582200, 4420600; 582200, 4420800; 582300, 4421100; 582900, 4421500; 582900, 4421600; 583300, 4422000; 583400, 4422100; 583900, 4422100; 584100, 4422300; 584200, 4422300; 584300, 4422400; 584400, 4422500; 584600, 4422900; 585100, 4423400; 585600, 4423700; 585800, 4423900; 585800, 4424200; 586100, 4424200; 586600, 4424800; 586800, 4424900; 587300, 4425500; 587400, 4425600; 587500, 4425800; 587500, 4425900; 587600, 4426000; 587700, 4426100; 587800, 4426100; 587900, 4426200; 587900, 4426300; 588200, 4426500; 588700, 4429900; 588900, 4429500; 589500, 4429500; 589500, 4428600; 589500, 4428000; 589800, 4427100; 590500, 4426400; 590500, 4425300; 591200, 4424400; 591500, 4423300; 591600, 4422100; 591700, 4421900; 591900, 4421800; 593000, 4421800; 593100, 4421500; 593500, 4421400; 593700, 4420900; 591800, 4420600; 591800, 4420400; 592300, 4420500; 592800, 4420400; 593100, 4420500; 594000, 4420800; 594400, 4420600; 594500, 4420300; 593800, 4420000; 593600, 4419700; 593600, 4419400; 593200, 4419100; 593600, 4418900; 594300, 4419000; 594300, 4418800; 594300, 4418700; 594200, 4418300; 594100, 4418000; 594100, 4417900; 594700, 4417900; 595100, 4417800; 595800, 4417300; 595800, 4416600; 595100, 4416500; 594400, 4416500; 594000, 4416400; 593300, 4416400; 592800, 4416600; returning to 592400, 4416700; excluding land bound by 591500, 4409600; 591600, 4409900; 591400, 4409900; 591400, 4410200; 591600, 4410200; 591600, 4410600; 590700, 4410600; 591400, 4409600; returning to 591500, 4409600.

(ii) Start at 602900, 4402100; 602700, 4402100; 602300, 4402600; 602300, 4402700; 601800, 4403300; 601200, 4403300; 601000, 4403400; 601000, 4403200; 601100, 4403100; 601100, 4402700; 600300, 4402700; 600300, 4403000; 600200, 4403200; 600200, 4403600; 599700, 4403600; 599600, 4403700; 599400, 4403700; 599200, 4403600; 598100, 4403600; 597900, 4403800; 597800, 4403800; 597000, 4404000; 596600, 4404400; 596600, 4404700; 596900, 4404700; 596900, 4404800; 596600, 4404800; 596600, 4405100; 596700, 4405200; 596500, 4405200; 596200, 4405000; 596100, 4405000; 596100, 4405400; 596500, 4405400; 596500, 4405900; 595600, 4405900; 595400, 4405900; 595400, 4406600; 595800, 4406600; 595800, 4407400; 596100, 4407400; 596300, 4407700; 596400, 4407800; 596800, 4407800; 596800, 4407500; 597300, 4407500; 597300, 4407700; 597600, 4407700; 597900, 4407500; 598100, 4407500; 598100, 4407100; 597700, 4406800; 597800, 4406700; 597500, 4406500; 597300, 4406700; 597100, 4406600; 597500, 4406100; 597100, 4405900; 597600, 4405100; 598000, 4405300; 598400, 4404700; 598500, 4404800; 598200, 4405300; 598400, 4405300; 598500, 4405400; 598600, 4405500; 598700, 4405400; 598800, 4405600; 598900, 4405600; 598900, 4404800; 598900, 4404400; 599000, 4404400; 599200, 4404000; 599300, 4404000; 599500, 4404200; 599700, 4404100; 600100, 4404200; 600400, 4404200; 600400, 4404400; 599800, 4404400; 599800, 4405200; 599600, 4405200; 599500, 4405100; 599600, 4405000; 599600, 4404800; 599100, 4404800; 599100, 4405700; 599000, 4405800; 598900, 4406100; 598700, 4406000; 598500, 4406300; 598500, 4407200; 598300, 4407200; 598300, 4407500; 598300, 4407700; 598800, 4407900; 598900, 4408100; 599200, 4408400; 600200, 4408900; 600300, 4408800; 600300, 4408400; 600000, 4408100; 600400, 4407600; 599500, 4406700; 599500, 4406200; 600300, 4406000; 601200, 4405600; 601800, 4405600; 602000, 4405500; 602200, 4405200; 602500, 4405200; 602700, 4404900; 603300, 4404700; 604500, 4404200; 605200, 4404200; 605600, 4404000; 605600, 4403600; 605100, 4403300; 604700, 4403400; 604500, 4403300; 604475, 4403175; 604400, 4403100; 604300, 4403100; 604200, 4403000; 604100, 4402900; 604000, 4402900; 603800, 4402800; 603800, 4402600; 603600, 4402400; 603400, 4402400; 603200, 4402500; 603100, 4402400; 602900, 4402400; returning to 602900, 4402100.

(25) Unit 8: Glenn and Tehama Counties, California. From USGS 1:24,000 quadrangle maps Black Butte Dam and Kirkwood, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 563400, 4405400; 563200, 4405700; 562800, 4405800; 561400, 4406200; 560900, 4406200; 560600, 4406300; 560500, 4406400; 560400, 4406600; 560400, 4406900; 560800, 4406900; 560800, 4407300; 561200, 4407300; 561200, 4411300; 565500, 4411300; 565500, 4410500; 568400, 4410500; 568400, 4411400; 570500, 4411400; 570800, 4411700; 571400, 4411500; 571500, 4411000; 572100, 4410900; 572100, 4410100; 571800, 4409600; 570500, 4409000; 570200, 4409000; 570200, 4409300; 569700, 4409300; 569700, 4409000; 569800, 4407700; 569900, 4407000; 569800, 4406100; 569800, 4405500; 569400, 4405500; 568600, 4405900; 568300, 4405900; 567500, 4405500; 567200, 4405500; 565000, 4405500; 564600, 4405800; 564100, 4405800; 563700, 4405600; returning to 563400, 4405400.

(26) Unit 9: Butte County, California. [Reserved]

(27) Unit 10: Colusa and Glenn Counties, California. [Reserved]

(28) Unit 11: Yuba County, California. From USGS 1:24,000 quadrangle maps Browns Valley and Wheatland, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 632400, 4329000; 631300, 4329000; 631300, 4329200; 631600, 4329200; 631600, 4329800; 631900, 4329800; 631900, 4330600; 632800, 4330600; 633000, 4330900; 633000, 4331300; 633100, 4331500; 633500, 4331700; 633800, 4331500; 633800, 4332200; 635000, 4332200; 635000, 4329900; 633800, 4329900; 633600, 4330100; 633300, 4330100; 633300, 4330300; 632700, 4330100; 632400, 4329900; returning to 632400, 4329000.

(29) Unit 12: Placer and Sacramento Counties, California. From USGS 1:24,000 quadrangle maps Citrus Heights, Lincoln, Pleasant Grove, Rio Linda, Roseville, and Sheridan, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N):

(i) Start at 4309600; 640200, 4306200; 640100, 4306200; 640200, 4306700; 640000, 4306800; 639900, 4306700;

639600, 4306700; 639500, 4306900; 639200, 4306900; 639200, 4306800; 639000, 4306800; 638700, 4306600; 638300, 4306600; 638300, 4307400; 637500, 4307400; 637500, 4308200; 639000, 4308300; 639000, 4309600; 639400, 4309600; 639400, 4309300; 639800, 4309300; 639800, 4309800; 639400, 4309800; 639400, 4310400; 639700, 4310300; 639900, 4310300; 640500, 4310700; 640500, 4311000; 640900, 4311000; 641000, 4311200; 641200, 4311200; 641200, 4311500; 641900, 4311500; 642100, 4311000; 642000, 4310900; 642000, 4310800; 642100, 4310800; 642100, 4310300; 642900, 4310500; 642900, 4310600; 643300, 4310700; 643700, 4310500; 644000, 4310900; 644300, 4310400; 645400, 4310400; 645800, 4310200; 646100, 4310200; 646300, 4310000; 647500, 4310000; 647500, 4310200; 646800, 4310200; 646500, 4310300; 646500, 4310600; 646600, 4310700; 646100, 4310700; 645900, 4310800; 645900, 4311200; 646100, 4311100; 646500, 4311100; 646500, 4311200; 646300, 4311200; 646300, 4311400; 646400, 4311700; 646800, 4311700; 646800, 4312000; 646900, 4312100; 646800, 4312500; 647000, 4312600; 647100, 4312800; 647300, 4312800; 647400, 4312700; 647400, 4312800; 647300, 4312900; 647100, 4312900; 646800, 4312698; 646800, 4313000; 646900, 4313400; 647100, 4313800; 647300, 4314200; 648300, 4314200; 648300, 4313900; 647900, 4313400; 647900, 4312700; 648000, 4312500; 647900, 4311500; 647700, 4311500; 647600, 4311300; 647300, 4311400; 646900, 4311400; 646900, 4311300; 647200, 4311300; 647500, 4311200; 647800, 4311200; 647900, 4311100; 647800, 4311000; 646900, 4311000; 646800, 4310900; 646800, 4310800; 647400, 4310800; 647500, 4310900; 647600, 4310800; 647800, 4310700; 648000, 4310700; 648000, 4309700; 647200, 4309700; 647200, 4309200; 646700, 4309100; 646700, 4308800; 646600, 4308800; 646100, 4309100; 646100, 4308200; 646400, 4307900; 646400, 4307100; 646400, 4306700; 645600, 4306700; 645600, 4307100; 645600, 4308400; 644400, 4308400; 644400, 4308300; 643900, 4308300; 643900, 4307400; 643700, 4307400; 643300, 4308900; 643100, 4308500; 643000, 4308900; 642700, 4308900; 642900, 4308200; 642800, 4308100; 642600, 4307500; 642300, 4307400; 642100, 4307200; 641500, 4307200; 641500, 4307500; 642000, 4307500; 642000, 4307600; 642300, 4307600; 642300, 4308900; 642200, 4308900; 642200, 4308300; 641500, 4308300; 641400, 4310500; 640900, 4310500; 640700, 4310400; 640500, 4310400; 640500, 4309800; 640300, 4309800; 640300, 4309700; 640500, 4309700; 640600, 4306700; 640500, 4306300; returning to 640200, 4306200.

(ii) Start at 644400, 4306700; 644400, 4307000; 644500, 4307000; 644600, 4306900; 644600, 4306700; returning to 644400, 4306700.

(iii) Start at 647700, 4301800; 647700, 4301300; 648100, 4301200; 648300, 4301300; 648400, 4301300; 648500, 4301200; 648300, 4301100; 648200, 4301000; 648200, 4300300; 648400, 4300300; 648400, 4299000; 648600, 4299000; 648900, 4298800; 649200, 4298100; 649600, 4298100; 649700, 4297900; 649200, 4297400; 649100, 4297600; 648900, 4297500; 649000, 4297200; 649000, 4297100; 647900, 4297100; 647900, 4297300; 648500, 4297700; 648500, 4297900; 648300, 4297900; 648300, 4298100; 648400, 4298200; 648400, 4298300; 648300, 4298400; 648200, 4298400; 648100, 4298300; 648000, 4298200; 648200, 4298100; 648200, 4297900; 647600, 4297900; 647600, 4299300; 646800, 4299300; 646800, 4299700; 646900, 4299700; 646900, 4300300; 646800, 4300500; 645800, 4300500; 645800, 4300200; 646600, 4300300; 646500, 4300200; 646500, 4299700; 646300, 4299700; 646300, 4299400; 646400, 4299400; 646400, 4299300; 646400, 4297200; 645800, 4297200; 645800, 4296435; 645800, 4296300; 645800, 4296100; 645700, 4296100; 645600, 4296000; 645500, 4296100; 645300, 4296000; 645200, 4296000; 645200, 4296100; 645100, 4296100; 645000, 4296200; 645200, 4296200; 645400, 4296300; 645600, 4296400; 645700, 4296700; 645700, 4297000; 643300, 4297000; 643300, 4295300; 643800, 4295400; 643200, 4295000; 642500, 4295000; 642600, 4290000; 642400, 4289800; 641600, 4289500; 640500, 4289500; 640500, 4289400; 640200, 4289400; 640200, 4289900; 639700, 4289900; 639700, 4289400; 639500, 4289400; 639400, 4289500; 637300, 4289500; 637300, 4288400; 636700, 4288400; 636700, 4288000; 636600, 4288000; 636500, 4287700; 635700, 4287700; 635600, 4288900; 634900, 4289000; 634500, 4288700; 634500, 4288300; 634100, 4288500; 634000, 4288700; 634500, 4289100; 633400, 4289100; 633300, 4288700; 632800, 4288700; 632800, 4289200; 633100, 4289200; 633500, 4289500; 633800, 4289500; 633800, 4289700; 634100, 4289900; 634100, 4290398; 634200, 4290400; 634200, 4290500; 634400, 4290600; 634100, 4290800; 633800, 4290800; 633700, 4290900; 633700, 4291300; 633800, 4291200; 634900, 4291200; 634900, 4290500; 635000, 4290400; 635700, 4290400; 636100, 4290400; 636300, 4290100; 637000, 4290100; 637200, 4290200; 637200, 4290400; 638100, 4290700; 637900, 4292300; 638300, 4292500; 638200, 4292800; 638300, 4292800; 638300, 4293000; 638800, 4293000; 638800, 4293100; 639000, 4293100; 638900, 4294300; 638600, 4294300; 638300, 4294500; 637300, 4294400; 637300, 4295500; 638100, 4295500; 638200, 4295700; 638700, 4295700; 638700, 4295300; 638300, 4295300; 638300, 4294900; 638900, 4294900; 638900, 4295300; 639500, 4295300; 639500, 4295400; 640000, 4295400; 640000, 4295800; 639500, 4296100; 639500, 4296900; 639300, 4296900; 639300, 4298500; 640000, 4298500; 640000, 4300100; 639500, 4300100; 639500, 4299800; 639300, 4299800; 639300, 4298700; 639100, 4298700; 639000, 4298500; 638800, 4298500; 638700, 4298300; 638700, 4298100; 638500, 4298000; 638500, 4297800; 638200, 4297800; 638100, 4297700; 638000, 4297800; 637800, 4297800; 637600, 4297600; 637200, 4297600; 637200, 4297300; 636900, 4297100; 636300, 4296900; 635600, 4297200; 635100, 4297200; 634300, 4297100; 634400, 4297200; 633600, 4297200; 633600, 4297800; 634200, 4297800; 634200, 4297600; 635200, 4297700; 635200, 4298400; 635500, 4298500; 635500, 4298300; 635600, 4298300; 635600, 4298500; 635800, 4298500; 635800, 4300000; 636000, 4300100; 636000, 4300900; 637700, 4300900; 637700, 4300100; 639200, 4300100; 639200, 4301000; 640000, 4301000; 640000, 4301700; 637700, 4301700; 638100, 4302100; 638600, 4302100; 639100, 4302300; 639900, 4302200; 640000, 4301800; 640800, 4301800; 640800, 4302500; 641200, 4302700; 641500, 4302700; 641600, 4302200; 641900, 4301900; 642200, 4302200; 642800, 4301900; 643400, 4301400; 643700, 4302100; 644300, 4302300; 644400, 4302400; 644400, 4302600; 644400, 4302800; 643600, 4302800; 643600, 4303000; 643200, 4303000; 643200, 4303400; 642700, 4303400; 642600, 4303500; 642800, 4304000; 643600, 4304400; 644000, 4304400; 644300, 4304600; 644300, 4304900; 644100, 4304900; 644100, 4305000; 644000, 4305000; 644000, 4306700; 642400, 4306700; 642800, 4306900; 643600, 4307100; 644100, 4307100; 644100, 4306800; 644200, 4306800; 644200, 4306700; 644400, 4306700; 644400, 4305900; 644700, 4305900; 644700, 4305400; 644800, 4305400; 644800, 4305200; 645100, 4305200; 645100, 4305100; 645200, 4305000; 645400, 4305100; 645600, 4305100; 646100,

4304500; 646100, 4305100; 646200, 4305100; 646400, 4304700; 647000, 4304700; 647200, 4304400; 647700, 4304500; 647500, 4303700; 647400, 4303500; 645400, 4303500; 645300, 4303700; 645100, 4303700; 644800, 4303600; 644900, 4303100; 644700, 4303000; 644700, 4302500; 644500, 4302300; 644500, 4301900; 644700, 4301900; 644800, 4302000; 644900, 4302100; 645100, 4302100; 645300, 4302300; 645600, 4302300; 646000, 4302600; 646200, 4302600; 646500, 4302900; 646600, 4303100; 646800, 4303100; 646800, 4303200; 647000, 4303200; 647100, 4303300; 647200, 4303300; 647300, 4303400; 647400, 4303400; 647400, 4303200; 647500, 4303200; 647500, 4303500; 648200, 4303500; 648400, 4303400; 648300, 4303300; 648500, 4303200; 648600, 4303200; 648700, 4303100; 648600, 4303000; 648200, 4303000; 648100, 4302900; 647700, 4302900; returning to 647700, 4301800; excluding land bound by 640300, 4294900; 640300, 4294200; 641000, 4294200; 641000, 4294900; returning to 640300, 4294900.

(30) Unit 13: Sacramento County, California. [Reserved]

(31) Unit 14: Amador and Sacramento Counties, California. From USGS 1:24,000 quadrangle maps Carbondale, Clay, Goose Creek, and Sloughhouse, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 668900, 4255600; 669300, 4255400; 670600, 4255800; 671500, 4256400; 671700, 4256000; 671900, 4256000; 672200, 4255600; 672400, 4255600; 672700, 4256400; 673200, 4256400; 672800, 4255100; 672800, 4254800; 673100, 4254900; 673800, 4254900; 674000, 4254600; 674000, 4254400; 674500, 4254000; 674500, 4253700; 674100, 4253500; 674100, 4252900; 674300, 4252300; 674500, 4251900; 674500, 4251600; 673400, 4251500; 673300, 4251400; 673300, 4251200; 673900, 4251000; 674000, 4250500; 674300, 4250000; 674300, 4249800; 674200, 4249700; 673900, 4249700; 673600, 4249900; 672500, 4249900; 671900, 4250200; 671300, 4250200; 671100, 4250500; 671000, 4250500; 671000, 4249800; 670700, 4249800; 670700, 4249500; 670800, 4249300; 670800, 4249000; 670900, 4248900; 670900, 4248500; 670500, 4248300; 670500, 4248125; 670400, 4248100; 670400, 4248000; 670100, 4248000; 670100, 4247800; 670500, 4247500; 671100, 4247500; 671600, 4247700; 671800, 4247600; 671900, 4247300; 671900, 4247100; 671500, 4246800; 671600, 4246600; 671800, 4246000; 671300, 4245300; 670800, 4245000; 670000, 4244200; 670000, 4244100; 670500, 4243800; 670200, 4243400; 670200, 4243300; 670300, 4243200; 670400, 4243100; 670600, 4242600; 671200, 4242900; 671600, 4243000; 671600, 4242700; 670700, 4242100; 669800, 4242100; 669300, 4241900; 668900, 4241900; 668700, 4241800; 668500, 4241600; 668400, 4241600; 668200, 4241700; 668000, 4242000; 667900, 4242000; 667400, 4241600; 667400, 4241800; 666400, 4241700; 665400, 4241700; 665400, 4242700; 665000, 4242700; 665000, 4242300; 664800, 4242300; 664800, 4242200; 664700, 4242200; 664600, 4242100; 664500, 4242100; 664500, 4241300; 664000, 4241300; 664000, 4241000; 663500, 4241000; 663500, 4240900; 663400, 4240800; 663300, 4240800; 663300, 4240600; 663100, 4240600; 663100, 4240900; 662800, 4240900; 662800, 4240500; 662700, 4240400; 662700, 4240000; 662500, 4240000; 662500, 4239600; 662100, 4239600; 662100, 4239400; 662000, 4239300; 661700, 4239300; 661700, 4239200; 661400, 4239000; 661400, 4239900; 661500, 4239900; 661500, 4241600; 661500, 4241900; 661700, 4242000; 662200, 4242000; 662200, 4241600; 662900, 4241600; 662800, 4242300; 662500, 4242300; 662600, 4243000; 662900, 4243100; 663400, 4243100; 663400, 4243800; 663000, 4243800; 663000, 4243900; 662500, 4243900; 662700, 4244700; 662850, 4244800; 663000, 4244900; 663100, 4245300; 663800, 4245300; 663900, 4245500; 664400, 4245600; 664500, 4245200; 664600, 4245200; 664900, 4245275; 665000, 4245300; 664900, 4245700; 664900, 4246500; 664400, 4246500; 663900, 4246700; 662500, 4246300; 662200, 4246300; 662100, 4246400; 661700, 4246400; 662000, 4247300; 661800, 4247500; 660900, 4247500; 660850, 4247100; 659700, 4247100; 659500, 4247300; 659500, 4248300; 660000, 4248300; 659900, 4249600; 660000, 4249900; 659900, 4250200; 659400, 4249700; 659400, 4249500; 659300, 4249200; 659100, 4249000; 659100, 4248900; 659200, 4248800; 659100, 4248700; 658900, 4248700; 658800, 4248600; 658600, 4248600; 658500, 4248800; 658400, 4248900; 658200, 4249000; 658200, 4248900; 658300, 4248700; 658500, 4248500; 658500, 4248400; 658400, 4248300; 658400, 4247900; 658100, 4247900; 658000, 4248500; 656700, 4248500; 656300, 4248900; 655900, 4248200; 656100, 4248100; 656100, 4248000; 656000, 4247800; 655200, 4247800; 655200, 4247200; 654700, 4247200; 654700, 4248750; 654700, 4249000; 655100, 4249000; 655800, 4249000; 656300, 4249700; 656600, 4249500; 657200, 4250200; 656700, 4251100; 657700, 4251100; 657700, 4251500; 656700, 4251400; 656700, 4252100; 656500, 4252300; 656500, 4252600; 657000, 4253700; 657400, 4254600; 657800, 4254300; 657800, 4254200; 658900, 4253500; 659000, 4253500; 659300, 4253300; 660000, 4254500; 660100, 4254800; 660200, 4254900; 660300, 4255200; 660600, 4255300; 660700, 4255400; 660800, 4256000; 660600, 4256200; 660300, 4256100; 660000, 4256200; 659800, 4256300; 659850, 4256450; 659900, 4256600; 660200, 4256500; 660300, 4256800; 660600, 4256700; 660800, 4256800; 660600, 4257000; 660700, 4257500; 660600, 4257600; 660600, 4258000; 659900, 4258000; 659900, 4258100; 659700, 4258300; 659700, 4258500; 659600, 4258800; 659700, 4259100; 660100, 4259300; 660300, 4259100; 660500, 4259100; 660600, 4259300; 660800, 4259300; 661300, 4259800; 661600, 4259700; 661600, 4259300; 661800, 4259300; 661800, 4259100; 662200, 4259100; 662200, 4259600; 662400, 4259600; 662700, 4259100; 662900, 4258900; 662800, 4258700; 662700, 4258500; 662000, 4258100; 661500, 4257700; 661200, 4257100; 661600, 4256700; 662000, 4256700; 661900, 4256400; 661800, 4256100; 661800, 4255800; 661600, 4255600; 662100, 4255400; 662300, 4255800; 663100, 4255800; 664100, 4256600; 664500, 4257000; 664800, 4257500; 664800, 4257800; 665100, 4258100; 665100, 4258500; 665400, 4258700; 665900, 4258800; 666500, 4258800; 666700, 4258600; 666600, 4258200; 666300, 4258000; 666100, 4257400; 666000, 4257300; 666000, 4257000; 666400, 4257000; 666500, 4257600; 666800, 4257600; 666900, 4257400; 666900, 4257100; 666700, 4256900; 666800, 4256700; 666700, 4256300; 666600, 4256100; 667200, 4256100; 667400, 4256300; 667600, 4256300; 667800, 4256100; 667900, 4256300; 668100, 4256300; 668400, 4255900; returning to 668900, 4255600.

(32) Unit 15: Solano County, California. [Reserved]

(33) Unit 16: Solano County, California. [Reserved]

(34) Unit 17: Napa County, California. From USGS 1:24,000 quadrangle map Cuttings Wharf, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 562800, 4228500; 562500, 4228500; 561500, 4228900; 561300, 4229000; 560800, 4229200; 560600, 4229600; 560400, 4230200; 560500, 4230600; 560500, 4230900; 560800, 4231200; 561400, 4231200; 561400, 4230700; 561600, 4230600; 561900, 4230600; 562100, 4230800; 562500, 4230800; 563200, 4230900; 563200, 4230600; 563800, 4229500;

564100, 4229600; 564300, 4229200; 563200, 4228900; 563000, 4228900; returning to 562800, 4228500.

(35) Unit 18: San Joaquin and Stanislaus Counties, California. From USGS 1:24,000 quadrangle maps Farmington, Linden, Peters, and Valley Springs SW, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 677400, 4201600; 675800, 4201600; 675700, 4203000; 675900, 4203000; 675900, 4203200; 675700, 4203200; 675700, 4204800; 672500, 4204700; 672500, 4205600; 672800, 4205800; 672800, 4206300; 672100, 4206300; 672100, 4206500; 671800, 4206500; 671600, 4206700; 671600, 4207100; 673200, 4207100; 673200, 4207396; 674000, 4207400; 674000, 4207700; 674700, 4207500; 674700, 4207200; 675100, 4207200; 675600, 4207400; 675600, 4208100; 675300, 4208100; 675300, 4208000; 674500, 4208000; 674400, 4208100; 674200, 4208200; 673900, 4208400; 673900, 4208700; 674800, 4208800; 674700, 4209300; 674600, 4209300; 674600, 4209600; 673900, 4209600; 673900, 4209800; 673500, 4209700; 673200, 4209600; 673200, 4209500; 673100, 4209500; 673100, 4211900; 673500, 4211800; 673900, 4211700; 673900, 4211400; 674100, 4211400; 674100, 4211500; 674300, 4211500; 674300, 4211600; 674900, 4211400; 675200, 4211500; 675200, 4211700; 675300, 4211800; 675300, 4211900; 675500, 4211900; 675500, 4212400; 676000, 4212400; 676600, 4211200; 676300, 4211200; 676400, 4211000; 676300, 4210600; 676200, 4210500; 676100, 4210500; 675800, 4210300; 675600, 4210200; 675700, 4210000; 675900, 4209700; 675900, 4209600; 676500, 4209600; 676700, 4210100; 676700, 4210800; 677200, 4211300; 678700, 4211300; 678800, 4210500; 680200, 4210400; 680200, 4209700; 681100, 4209700; 681800, 4210300; 682900, 4210100; 682900, 4209600; 681500, 4209100; 681300, 4208500; 680800, 4208400; 680800, 4206100; 680500, 4205700; 680400, 4205100; 679700, 4204600; 679700, 4203305; 679200, 4203300; 679200, 4203400; 679000, 4203400; 679000, 4203300; 678500, 4203300; 678400, 4203100; 678300, 4203100; 678300, 4203000; 678400, 4202900; 678400, 4202700; 677700, 4202200; 677700, 4202200; 677600, 4201700; 677500, 4201700; returning to 677400, 4201600.

(36) Subunit 19A: Contra Costa County, California. From USGS 1:24,000 quadrangle maps Antioch South and Brentwood, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 611400, 4193400; 610900, 4193500; 610200, 4193700; 609900, 4193900; 609700, 4194000; 609100, 4194000; 608100, 4194300; 608500, 4194900; 608400, 4195100; 608600, 4195300; 608600, 4195900; 609600, 4195900; 609500, 4195600; 609200, 4195100; 609200, 4195000; 609300, 4194900; 609900, 4194800; 610200, 4194800; 610500, 4195100; 611200, 4195900; 612100, 4196300; 612500, 4195900; 611700, 4194500; 611700, 4194300; returning to 611400, 4193400.

(37) Subunit 19B: Contra Costa County, California. From USGS 1:24,000 quadrangle maps Byron Hot Springs and Clifton Court Forebay, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 622300, 4190400; 622400, 4189900; 623000, 4189300; 622900, 4188700; 622200, 4188700; 622100, 4188800; 621900, 4189000; 621700, 4189300; 621400, 4189700; 621200, 4190000; 621200, 4190400; 621100, 4190400; 621100, 4188700; 620900, 4188700; 620600, 4188400; 620400, 4188600; 620400, 4188100; 620500, 4187900; 620600, 4187800; 620700, 4187700; 620900, 4187700; 621100, 4187500; 620500, 4187100; 620500, 4186900; 621300, 4187281; 621600, 4187400; 622000, 4187000; 622400, 4186400; 622600, 4186100; 622500, 4186000; 622500, 4185800; 622000, 4185300; 621200, 4185300; 621000, 4185500; 620800, 4185500; 620500, 4185200; 620200, 4185300; 619900, 4185600; 619600, 4185500; 618200, 4186600; 618100, 4187100; 617700, 4187400; 617800, 4187900; 618200, 4188100; 618500, 4188300; 618400, 4188600; 617700, 4188800; 617400, 4189000; 617400, 4189200; 618200, 4189500; 618100, 4189800; 618200, 4190100; 618700, 4190300; 618700, 4190700; 619000, 4191000; 619300, 4191100; 619600, 4191100; 619800, 4190700; 619900, 4190700; 620100, 4190900; 620400, 4190900; 620500, 4191200; 621800, 4191200; 622200, 4190700; returning to 622300, 4190400.

(38) Subunit 19C: Alameda County, California. From USGS 1:24,000 quadrangle maps Altamont and Livermore, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 612400, 4176300; 612100, 4176300; 612100, 4176400; 612000, 4176500; 611800, 4176500; 611600, 4176500; 611600, 4175300; 611400, 4175300; 611200, 4175400; 610900, 4175400; 610800, 4175900; 610400, 4175900; 610300, 4175200; 610200, 4175100; 610000, 4175000; 610000, 4174800; 609100, 4175400; 608600, 4175600; 608400, 4175900; 610000, 4175900; 610000, 4176500; 610400, 4176500; 610400, 4178500; 610800, 4178300; 610800, 4177500; 610800, 4177200; 611200, 4177200; 611900, 4176700; 612400, 4176700; 612400, 4177200; 613300, 4177200; 613400, 4177000; 613300, 4176900; 613300, 4176800; 613300, 4176700; 613200, 4176700; 613200, 4176300; 613400, 4176300; 613400, 4176200; 613500, 4176200; 613500, 4176300; 613600, 4176400; 613700, 4176400; 613700, 4176600; 614400, 4175500; 614300, 4175400; 614200, 4175400; 614100, 4175300; 614000, 4175300; 613900, 4175200; 613800, 4175100; 613700, 4175100; 613700, 4175200; 613600, 4175200; 613600, 4176100; 613300, 4176100; 613200, 4175900; 613100, 4175900; 612800, 4176100; 612700, 4176100; 612500, 4175900; 612400, 4175900; returning to 612400, 4176300; and excluding land bound by 612400, 4176300; 612500, 4176300; 612700, 4176300; 612700, 4176400; 612400, 4176400; returning to 612400, 4176300.

(39) Unit 20: Stanislaus County, California. [Reserved]

(40) Unit 21: Mariposa, Merced, and Stanislaus Counties, California. From USGS 1:24,000 quadrangle maps Cooperstown, La Grange, Merced Falls, Montpelier, Paulsell, Snelling, and Turlock Lake, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N):

(i) Start at 732200, 4162500; 732700, 4162700; 733000, 4162600; 733600, 4162100; 733700, 4161500; 733600, 4161000; 734600, 4160400; 734800, 4160200; 734800, 4159500; 734400, 4158700; 734300, 4158100; 734500, 4157900; 734700, 4158000; 734900, 4158300; 735000, 4158800; 735500, 4158800; 735700, 4158600; 735600, 4158100; 736200, 4157500; 736800, 4157300; 736900, 4157100; 736900, 4156500; 736300, 4156500; 736000, 4156300; 735500, 4156300; 734100, 4156900; 733400, 4157100; 731700, 4156900; 730900, 4156500; 728900, 4156600; 728700, 4156700; 728700, 4156800; 728600, 4156900; 728300, 4156900; 728100, 4156800; 727900, 4156800; 727100, 4156800; 726900, 4156600; 726700, 4156500; 726300, 4156500; 726100, 4156600; 725800, 4156500; 725600, 4156400; 725500, 4156300; 725400, 4156200; 725100, 4156100; 725000, 4156000; 724900, 4156000; 724800, 4156100; 724300, 4156100; 724300, 4155700; 723800, 4155700; 723900, 4155300; 723300, 4155400; 722700, 4155100; 722700, 4155400; 722300, 4155400; 722300, 4156800; 722900, 4156800; 722900, 4157400; 723500, 4157400; 723500, 4157000; 723700, 4157000; 723700, 4156900; 724300, 4156900; 724300, 4157400; 724200, 4157400; 724100, 4158200; 723800, 4158200; 723700,

4159000; 722500, 4159000; 722500, 4159200; 722400, 4159200; 722300, 4159300; 722200, 4159300; 721600, 4159300; 721600, 4159500; 721500, 4159600; 721500, 4159800; 721600, 4159800; 721600, 4159900; 721700, 4159900; 721700, 4160500; 721100, 4160500; 721100, 4160100; 720800, 4160100; 720800, 4160500; 719500, 4160500; 719500, 4160300; 720000, 4159600; 719600, 4159600; 719600, 4159500; 719500, 4159500; 719400, 4159500; 719300, 4159400; 719100, 4159400; 719000, 4159400; 718900, 4159300; 718700, 4159100; 718600, 4159000; 718600, 4158900; 718400, 4158900; 718200, 4158800; 718200, 4158700; 718300, 4158600; 718400, 4158500; 718500, 4158500; 718600, 4158400; 718700, 4158400; 718900, 4158300; 719000, 4158100; 719000, 4157900; 718700, 4157600; 718000, 4157700; 717800, 4157400; 717900, 4157200; 718000, 4157000; 718400, 4157300; 718700, 4156700; 718700, 4156300; 717500, 4156300; 717500, 4156700; 717100, 4156700; 717100, 4156300; 716600, 4156300; 716600, 4155800; 716300, 4155700; 716200, 4155000; 715900, 4154900; 715900, 4155100; 715800, 4155200; 715800, 4155300; 715700, 4155400; 715600, 4155700; 715500, 4155800; 715400, 4155800; 715300, 4156600; 715400, 4156600; 715400, 4157200; 715400, 4157400; 715500, 4157400; 715500, 4157600; 717600, 4157600; 717600, 4159700; 718100, 4160200; 718200, 4160500; 718400, 4160800; 718700, 4161100; 716800, 4161100; 716800, 4160400; 714900, 4160400; 714900, 4160900; 715000, 4160900; 715000, 4161000; 715200, 4161000; 715200, 4161100; 714400, 4161100; 714400, 4161200; 713700, 4161200; 713700, 4161100; 713300, 4161100; 713200, 4161200; 713100, 4161100; 713100, 4161000; 713400, 4160700; 713400, 4160600; 713600, 4160500; 713800, 4160800; 713900, 4160800; 714000, 4160700; 714000, 4160400; 711100, 4160300; 711100, 4161900; 709500, 4161900; 709500, 4163500; 707900, 4163500; 707900, 4163100; 707000, 4163100; 707000, 4165600; 707400, 4165600; 707400, 4165800; 706700, 4166100; 706500, 4165800; 706200, 4166000; 706300, 4166300; 706200, 4166400; 706200, 4166500; 706300, 4166500; 706300, 4166700; 706200, 4166700; 706200, 4167100; 706500, 4167100; 706700, 4166700; 706800, 4166700; 706800, 4166300; 707000, 4166300; 707000, 4166100; 707200, 4166100; 707200, 4166700; 707400, 4166700; 707800, 4166000; 707800, 4165600; 708000, 4165800; 708200, 4165800; 708400, 4165700; 708400, 4165500; 708200, 4165400; 708200, 4165300; 708300, 4165200; 708400, 4165200; 708500, 4165300; 708600, 4165400; 708800, 4165400; 709100, 4165100; 710200, 4165100; 710200, 4166400; 710100, 4166400; 710100, 4166500; 710000, 4166500; 709900, 4166500; 709900, 4166700; 709800, 4166700; 709800, 4167100; 710200, 4166800; 711000, 4167600; 711600, 4167800; 712400, 4167800; 712400, 4167300; 712900, 4167300; 712900, 4167200; 712600, 4166900; 711800, 4167000; 711600, 4166800; 711600, 4166600; 711800, 4166500; 711800, 4166600; 711900, 4166600; 712000, 4166300; 712100, 4166500; 712200, 4166500; 712300, 4166400; 712500, 4166400; 712500, 4166200; 712700, 4166200; 712700, 4166300; 712800, 4166300; 713000, 4166100; 712800, 4166000; 712700, 4165800; 712500, 4165800; 712500, 4165600; 712700, 4165600; 712600, 4165400; 712400, 4165500; 712300, 4165400; 712500, 4165300; 712500, 4165200; 712400, 4165100; 712600, 4165100; 712600, 4165000; 712600, 4164900; 712700, 4164800; 712600, 4164700; 712500, 4164800; 712400, 4164800; 712400, 4164300; 712800, 4164500; 713100, 4164300; 713200, 4164100; 712900, 4163800; 712900, 4163700; 713100, 4163800; 713500, 4164000; 713600, 4164000; 713600, 4164100; 713700, 4164300; 714200, 4164300; 714400, 4164500; 714500, 4164800; 714600, 4164800; 714800, 4164700; 714800, 4164200; 714400, 4164000; 714400, 4163600; 714500, 4163500; 715200, 4164000; 715300, 4164200; 715400, 4164200; 715300, 4163900; 715100, 4163700; 715000, 4163500; 714800, 4163300; 714900, 4163200; 715000, 4163200; 715700, 4163200; 715900, 4163100; 716000, 4162900; 716100, 4162800; 716200, 4162800; 716300, 4162900; 716400, 4163000; 716500, 4163100; 716600, 4163200; 716600, 4163500; 716500, 4163600; 716500, 4163800; 716600, 4164100; 716800, 4164500; 716700, 4164900; 716800, 4165300; 717200, 4165800; 717200, 4166100; 717000, 4166400; 716600, 4166400; 716400, 4166300; 716400, 4166900; 716600, 4166900; 716800, 4167100; 716800, 4167350; 717000, 4167400; 717500, 4167400; 718100, 4167300; 718500, 4167100; 718600, 4166600; 718700, 4166400; 719100, 4166700; 719300, 4166800; 719500, 4166800; 719500, 4166500; 719600, 4166400; 719600, 4166100; 719800, 4166100; 719900, 4166300; 719900, 4166200; 720700, 4166200; 720700, 4163700; 721700, 4163700; 722400, 4164100; 722400, 4165300; 722200, 4165300; 722200, 4165400; 721500, 4165400; 721500, 4166100; 721000, 4166300; 720700, 4166500; 720900, 4166600; 721000, 4166700; 721100, 4166900; 721000, 4167000; 720300, 4167000; 720100, 4166900; 720200, 4166700; 720200, 4166600; 720100, 4166500; 720000, 4166500; 719800, 4166800; 719500, 4167400; 719500, 4167600; 719700, 4167800; 720500, 4167800; 720700, 4167700; 720900, 4167500; 721100, 4167400; 721300, 4167700; 721700, 4167700; 722000, 4167600; 722500, 4167600; 722900, 4167500; 723300, 4167400; 723000, 4168400; 723000, 4169200; 723300, 4169700; 723800, 4169800; 724100, 4169800; 724600, 4169200; 724700, 4168300; 725100, 4167900; 725300, 4167200; 726200, 4167100; 726500, 4166800; 726500, 4166600; 727300, 4166000; 727700, 4165800; 729000, 4165800; 730100, 4165400; 730400, 4165100; 730500, 4164900; 730700, 4164100; 731300, 4164100; 731700, 4163800; 731800, 4163400; 732200, 4162800; returning to 732200, 4162500.

(ii) Start at 704200, 4166200; 704000, 4166200; 703800, 4166400; 703400, 4166600; 703400, 4166800; 703500, 4166800; 703600, 4166900; 703700, 4167000; 703700, 4167200; 704600, 4167600; 704700, 4167600; 704800, 4167500; 705000, 4167400; 705300, 4167400; 705300, 4166400; 705000, 4166300; 704400, 4166300; returning to 704200, 4166200.

(iii) Start at 712600, 4155200; 712600, 4156800; 712900, 4156800; 712900, 4157100; 714800, 4157200; 714800, 4156800; 714300, 4156300; 714200, 4156200; 714000, 4155500; 714000, 4155400; 713800, 4155400; returning to 712600, 4155200.

(42) Unit 22: Mariposa and Merced Counties, California. From USGS 1:24,000 quadrangle maps Haystack Mtn., Indian Gulch, Le Grand, Merced, Merced Falls, Owens Reservoir, Plainsburg, Planada, Snelling, Winton, and Yosemite Lake, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 745300, 4139300; 745500, 4139300; 745500, 4137700; 746600, 4137100; 747300, 4137300; 747200, 4135800; 747600, 4135300; 747600, 4134800; 748100, 4134400; 747800, 4133700; 748400, 4133300; 748600, 4133900; 749500, 4133400; 749600, 4132100; 750400, 4131600; 750100, 4129800; 751700, 4129800; 751400, 4129700; 751300, 4129700; 751100, 4129500; 751000, 4129400; 750900, 4129200; 750800, 4129000; 750600, 4128900; 750500, 4128800; 750300, 4128700; 750000, 4128700; 749900, 4128700; 749600, 4128800; 749400, 4128600; 749100, 4128500; 748900, 4128400; 748900, 4128100;

748800, 4128000; 748700, 4127800; 748500, 4127600; 748300, 4127500; 748300, 4127300; 748300, 4127100; 748200, 4127000; 748100, 4126800; 748000, 4126700; 747900, 4126700; 747800, 4126700; 747700, 4126400; 747500, 4126200; 747400, 4126000; 747200, 4126000; 747000, 4125900; 746900, 4125900; 746600, 4125800; 746300, 4125700; 746200, 4125600; 746200, 4125500; 745700, 4125500; 745700, 4125100; 744500, 4125100; 744500, 4125300; 744400, 4125300; 744400, 4125200; 743700, 4125200; 743700, 4125800; 744500, 4125800; 744500, 4126200; 743700, 4126200; 743700, 4127000; 742400, 4127000; 742000, 4127200; 742000, 4128600; 742800, 4128600; 742800, 4129100; 742900, 4129100; 743000, 4129100; 743000, 4129200; 743400, 4129300; 743600, 4129500; 743600, 4130700; 743500, 4130700; 743500, 4132200; 744000, 4133400; 742700, 4133400; 742600, 4133500; 741500, 4132900; 740900, 4132200; 740800, 4132600; 740300, 4132600; 740300, 4133500; 741000, 4133500; 741000, 4133900; 741900, 4133900; 741800, 4135800; 741000, 4135800; 741000, 4136400; 741100, 4136400; 741100, 4136700; 740200, 4136700; 739900, 4136400; 739400, 4136400; 739400, 4136700; 737600, 4136700; 737600, 4135900; 737300, 4135900; 737300, 4135300; 737400, 4135200; 737200, 4135000; 736800, 4134800; 736800, 4134600; 736800, 4134400; 736600, 4134200; 733900, 4134200; 733900, 4134800; 733800, 4134900; 733800, 4135000; 733000, 4135000; 733000, 4135800; 732500, 4135800; 730300, 4135700; 730200, 4135600; 730100, 4135600; 729900, 4135700; 729900, 4136500; 729900, 4136700; 730000, 4136700; 730100, 4136600; 730200, 4136600; 730300, 4136600; 730400, 4136700; 730500, 4136800; 730600, 4136900; 730600, 4137000; 730600, 4137200; 730600, 4137300; 730500, 4137400; 730400, 4137500; 730300, 4137500; 729900, 4137700; 729800, 4137700; 729700, 4137600; 729400, 4137600; 729300, 4137800; 729300, 4138400; 729200, 4138500; 729000, 4138400; 728800, 4138700; 728400, 4138800; 728200, 4138800; 727900, 4138600; 727700, 4138500; 727600, 4138400; 727400, 4138300; 727400, 4137800; 727300, 4137800; 727300, 4137600; 727400, 4137600; 727400, 4137500; 727300, 4137500; 727300, 4137400; 727400, 4137400; 727400, 4137200; 726500, 4137200; 726500, 4136500; 726400, 4136400; 725800, 4136400; 725800, 4137200; 725000, 4137200; 724900, 4138800; 725500, 4138800; 725500, 4138700; 725800, 4138700; 725800, 4138800; 725900, 4138800; 725900, 4139500; 726500, 4139500; 726500, 4139600; 725900, 4139600; 725800, 4139600; 725800, 4140200; 725900, 4140200; 725900, 4140900; 725400, 4140900; 725400, 4140800; 725100, 4140800; 725100, 4141000; 724900, 4141000; 724900, 4141200; 724100, 4141200; 724100, 4141600; 723400, 4141600; 723400, 4141100; 723200, 4141100; 723200, 4140600; 723400, 4140500; 723400, 4139500; 724000, 4139500; 724000, 4139400; 723900, 4138900; 723900, 4138700; 723500, 4138200; 723400, 4138200; 723400, 4138300; 723000, 4138300; 723000, 4138700; 723000, 4138900; 723100, 4139100; 723200, 4139400; 723300, 4139500; 722100, 4139500; 722000, 4140500; 721900, 4141100; 721900, 4141900; 721900, 4143400; 720800, 4143400; 720900, 4141800; 721000, 4141500; 721000, 4141200; 721100, 4141100; 721000, 4141000; 717800, 4140900; 717700, 4142500; 714500, 4142400; 714500, 4144900; 715500, 4144900; 715500, 4145000; 715800, 4145000; 715900, 4145000; 716000, 4145000; 716100, 4145100; 716100, 4145200; 716000, 4145200; 715900, 4145300; 715900, 4145400; 716000, 4145500; 716000, 4145600; 716100, 4145700; 717000, 4145700; 717700, 4145300; 717800, 4145300; 717800, 4145200; 717800, 4145100; 717600, 4144900; 717600, 4144800; 717600, 4144700; 717800, 4144500; 717900, 4144600; 718200, 4144600; 718400, 4144500; 718700, 4144500; 718700, 4144800; 718600, 4145000; 718700, 4145100; 718700, 4145600; 718600, 4145600; 718600, 4145700; 718700, 4145800; 718600, 4145900; 718500, 4146000; 718500, 4146100; 718600, 4146200; 718600, 4146500; 718300, 4146500; 718200, 4146600; 718200, 4146800; 718300, 4146800; 718500, 4146900; 718600, 4147000; 718600, 4147100; 718400, 4147200; 718500, 4147300; 718500, 4147600; 718700, 4147600; 718700, 4147400; 719000, 4147500; 719100, 4147700; 719300, 4147600; 719600, 4147900; 719700, 4148000; 719700, 4148100; 719800, 4148200; 720000, 4148200; 720600, 4148200; 720600, 4148300; 720700, 4148400; 720800, 4148400; 720900, 4148500; 722700, 4148500; 722700, 4148600; 722900, 4148600; 723200, 4148700; 723400, 4148700; 723200, 4148600; 723100, 4148500; 723000, 4148400; 723200, 4148200; 723400, 4148200; 723500, 4148300; 723600, 4148400; 723600, 4148500; 723800, 4148500; 723800, 4148400; 723900, 4148400; 723900, 4148500; 724000, 4148700; 724200, 4148500; 724200, 4148900; 724300, 4149000; 724300, 4149100; 724500, 4149000; 724500, 4149300; 724700, 4149400; 724900, 4149600; 725000, 4149700; 725000, 4150000; 724900, 4150100; 725000, 4150200; 725200, 4150200; 725300, 4150400; 725400, 4150500; 725400, 4150600; 725100, 4150900; 724700, 4150900; 724700, 4153400; 725000, 4153500; 725400, 4153900; 725600, 4154100; 725800, 4154200; 726000, 4154300; 726200, 4154000; 726300, 4153800; 726300, 4153700; 727800, 4153700; 727800, 4153400; 727900, 4153400; 727900, 4153500; 728400, 4153600; 728700, 4153700; 729000, 4153700; 729000, 4153600; 729100, 4153500; 729300, 4153400; 729400, 4153400; 729400, 4153300; 729300, 4153200; 729500, 4153100; 729800, 4153100; 729900, 4153200; 729900, 4154200; 730000, 4154200; 730100, 4154300; 730600, 4154300; 730700, 4154400; 731000, 4154600; 731200, 4154700; 731500, 4154700; 731800, 4154900; 732200, 4154900; 732600, 4154800; 733200, 4154500; 733400, 4154500; 733700, 4154300; 734700, 4154300; 734900, 4154600; 735100, 4154800; 735100, 4154900; 735500, 4155300; 735600, 4155300; 735800, 4155500; 736100, 4155900; 737100, 4155400; 737800, 4155000; 738200, 4154200; 738300, 4153300; 739000, 4152800; 739100, 4152200; 740200, 4151800; 740800, 4151500; 740800, 4150300; 741100, 4149900; 741700, 4149400; 742100, 4148500; 742100, 4147100; 743400, 4146100; 744000, 4145600; 744400, 4144600; 744300, 4143900; 743900, 4142700; 744000, 4142000; 744200, 4141700; 745500, 4140300; 745500, 4139600; 745500, 4139500; 745400, 4139400; returning to 745300, 4139300; excluding land bound by 727200, 4138700; 727400, 4138800; 727800, 4138800; 727900, 4139000; 727900, 4139300; 728300, 4139600; 728300, 4140700; 727800, 4140700; 727800, 4141100; 727400, 4141100; 727500, 4140800; 727400, 4140700; 727200, 4140700; 727300, 4140500; 727200, 4140000; 727000, 4139700; 726800, 4139600; 726600, 4139600; 726600, 4139500; returning to 727200, 4138700; and excluding land bound by 726200, 4138000; 726200, 4138400; 725800, 4138400; 725800, 4138500; 725700, 4138500; 725700, 4138200; 725800, 4138200; 725800, 4138000; returning to 726200, 4138000; and excluding land bound by 727000, 4137600; 727000, 4137800; 727200, 4137900; 727300, 4138000; 727300, 4138100; 726500, 4138000; 726500, 4137800; 726800, 4137800; 726800, 4137600; returning to 727000, 4137600; and excluding land bound by 726700, 4139700; 726800,

4139800; 726900, 4140000; 726900, 4140100; 726800, 4140200; 726600, 4140000; 726400, 4140000; returning to 726700, 4139700.

(43) Subunit 23A: Merced County, California. [Reserved]

(44) Subunit 23B: Merced County, California. [Reserved]

(45) Subunit 23C: Merced County, California. [Reserved]

(46) Subunit 23D: Merced County, California. [Reserved]

(47) Subunit 23E: Merced County, California. [Reserved]

(48) Subunit 23F: Merced County, California. [Reserved]

(49) Subunit 23G: Merced County, California. [Reserved]

(50) Subunit 24A: Madera County, California. [Reserved]

(51) Subunit 24B: Fresno County, California. From USGS 1:24,000 quadrangle map Friant, California, land bounded by the following UTM 11 NAD 83 coordinates (E, N): 263200, 4089800; 263100, 4089400; 261700, 4088800; 261700, 4089200; 261700, 4089400; 261600, 4089400; 261500, 4089400; 261300, 4089400; 261300, 4088200; 261100, 4088200; 261100, 4087400; 260400, 4087400; 260400, 4087500; 260100, 4087500; 260100, 4086900; 259800, 4086900; 259800, 4086700; 259300, 4086700; 259300, 4087600; 259600, 4087500; 260000, 4087500; 260100, 4087900; 260000, 4088100; 259700, 4088300; 258500, 4088300; 258000, 4088300; 258000, 4089100; 258200, 4089200; 258200, 4089100; 258500, 4089100; 258700, 4089200; 258700, 4089600; 258800, 4089600; 258900, 4089700; 258900, 4089800; 258600, 4089800; 258600, 4089900; 258200, 4089900; 258200, 4089700; 258100, 4089600; 257700, 4089600; 257700, 4089200; 257400, 4089200; 257400, 4089900; 257200, 4089900; 257200, 4089200; 256600, 4089200; 256600, 4089700; 256800, 4089700; 256800, 4090000; 256600, 4090000; 256600, 4090200; 256800, 4090800; 257000, 4091500; 257100, 4092700; 257100, 4092900; 257200, 4093100; 257300, 4094300; 257300, 4095400; 257400, 4095500; 258200, 4096300; 258900, 4096300; 258900, 4096700; 259100, 4097500; 259500, 4097700; 259600, 4097700; 259800, 4097600; 259800, 4097400; 260000, 4097200; 260200, 4097200; 260300, 4097000; 260600, 4096800; 260800, 4096600; 261500, 4096600; 261800, 4096500; 262200, 4096600; 262400, 4097000; 263100, 4097200; 263300, 4097200; 263600, 4097200; 264900, 4096500; 264700, 4096300; 264200, 4096300; 263800, 4096500; 263800, 4096000; 263600, 4095900; 263500, 4095800; 263500, 4095700; 263500, 4095600; 263900, 4095600; 263900, 4095300; 263600, 4095300; 263600, 4095100; 263800, 4095100; 263800, 4095000; 263300, 4094700; 262300, 4094200; 261800, 4093600; 260700, 4093400; 259900, 4092300; 259900, 4092100; 260200, 4092100; 261200, 4092400; 262200, 4091500; 262900, 4091800; 263400, 4091300; 263400, 4089900; returning to 263200, 4089800.

(52) Unit 25: Madera County, California. [Reserved]

(53) Subunit 26A: Kings and Tulare Counties, California. From USGS 1:24,000 quadrangle maps Burris Park, Monson, Remnoy, and Traver, California, land bounded by the following UTM 11 NAD 83 coordinates (E, N): 287000, 4034600; 287000, 4034300; 285000, 4034400; 285000, 4033800; 283100, 4033800; 283100, 4033100; 282600, 4033100; 282600, 4032600; 282200, 4032600; 282100, 4031800; 282100, 4031100; 280100, 4031100; 280100, 4030800; 279000, 4030600; 278700, 4030500; 278500, 4030100; 278100, 4030000; 276400, 4030100; 275700, 4029600; 275500, 4029200; 275300, 4028600; 275000, 4028300; 274700, 4028100; 274700, 4029800; 275600, 4029800; 276100, 4030400; 276400, 4030600; 276800, 4031400; 277500, 4031500; 278200, 4031900; 279500, 4031800; 279000, 4032900; 280500, 4032900; 281400, 4033300; 281800, 4033200; 283000, 4034300; 283800, 4034400; 284700, 4035200; 286800, 4035100; 287000, 4035100; 288500, 4035100; 288500, 4035600; 287700, 4035700; 287700, 4036700; 289300, 4036700; 289400, 4037400; 291100, 4037400; 291100, 4037200; 291800, 4037200; 291900, 4036800; 291900, 4035600; 292700, 4035800; 292700, 4036500; 293500, 4036400; 293500, 4036000; 294300, 4036000; 294300, 4035600; 293500, 4035600; 293400, 4034000; 292600, 4034000; 292600, 4035400; 291900, 4035400; 291700, 4035600; 290500, 4035700; 290500, 4036100; 289800, 4036100; 289800, 4035700; 289400, 4035700; 289400, 4034500; 288500, 4034500; 288500, 4034200; 287700, 4034200; 287700, 4034500; returning to 287000, 4034600.

(54) Subunit 26B: Tulare County, California. From USGS 1:24,000 quadrangle map Monson, California, land bounded by the following UTM 11 NAD 83 coordinates (E, N): 297500, 4035500; 296700, 4035500; 296700, 4036300; 297500, 4036300; returning to 297500, 4035500.

(55) Subunit 27A: Tulare County, California. From USGS 1:24,000 quadrangle maps Alpaugh, Corcoran, and Taylor Weir, California, land bounded by the following UTM 11 NAD 83 coordinates (E, N): 279200, 3986500; 278900, 3986500; 278900, 3986700; 278600, 3987200; 278500, 3987400; 278300, 3987500; 277100, 3987600; 276900, 3988500; 276900, 3989000; 276500, 3989000; 276000, 3989900; 275900, 3990800; 276100, 3991000; 276100, 3991500; 276400, 3991500; 276400, 3992300; 276400, 3992500; 274400, 3992500; 274400, 3994100; 274800, 3994100; 274800, 3994700; 274900, 3994900; 275700, 3994900; 273700, 3997300; 276500, 3997300; 276700, 3997200; 278100, 3997200; 278100, 3995600; 279600, 3995600; 279600, 3994000; 278000, 3994000; 278000, 3992400; 278800, 3992400; 278800, 3991600; 279600, 3991600; 279600, 3990800; 279600, 3990000; 279600, 3989200; 278700, 3989200; 278700, 3987600; 279200, 3987600; returning to 279200, 3986500.

(56) Subunit 27B: Tulare County, California. From USGS 1:24,000 quadrangle maps Alpaugh, , Delano West, and Kern, California, land bounded by the following UTM 11 NAD 83 coordinates (E, N):

(i) Start at 288000, 3974500; 288000, 3974900; 288400, 3974900; 288400, 3975200; 288800, 3975200; 288800, 3976100; 285400, 3976100; 285100, 3976300; 285000, 3976800; 284900, 3977300; 284600, 3977500; 284600, 3977700; 283200, 3977700; 282900, 3977400; 284000, 3976400; 284000, 3976200; 283900, 3976200; 282000, 3976200; 281000, 3977900; 282200, 3977900; 282600, 3977600; 282800, 3977700; 282800, 3977900; 283100, 3978100; 283100, 3978200; 283200, 3978200; 283200, 3979400; 286500, 3979400; 286500, 3980200; 287300, 3980200; 287300, 3979300; 287700, 3979300; 287700, 3977800; 289000, 3977800; 288900, 3976200; 290500, 3976100; 290400, 3976000; 290400, 3975200; 291400, 3975200; 291400, 3975300; 291500, 3975300; 291400, 3974400; 291300, 3974400; 291200, 3973600; 292200, 3973600; 292200, 3973200; 292000, 3973200; 292000, 3972800; 292800, 3972800; 292800, 3972000; 292000, 3972000; 292000, 3971200; 289500, 3971200; 289500, 3972500; 290400, 3972500; 290400, 3974500; 288400, 3974500; returning to 288000, 3974500.

(ii) Start at 288000, 3974500; 288000, 3973700; 287200, 3973700; 287200, 3973000; 285800, 3973000; 285800, 3973600; 285500, 3973600; 285500, 3973700; 285000, 3973700; 285000, 3972800; 283900, 3972800; 283000, 3974500; returning to 288000, 3974500.

(57) Unit 28: Monerey and San Benito Counties, California. From USGS 1:24,000 quadrangle maps Hepsedam Peak, Hernandez Reservoir, Llanda,

Lonoak Monarch Peak, Pinalito Canyon, Rock Spring Peak, San Benito, and Topo Valley, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 691600, 4008600; 690800, 4008600; 689500, 4009400; 689000, 4010100; 688900, 4010700; 687800, 4011000; 687100, 4011000; 685400, 4012100; 684900, 4013300; 683600, 4014100; 683400, 4014900; 682700, 4015200; 682500, 4016200; 683100, 4016600; 683100, 4017700; 684200, 4019500; 684200, 4020500; 683400, 4022200; 681700, 4023500; 681100, 4023600; 680700, 4024400; 680600, 4025500; 679800, 4025700; 679300, 4026900; 678700, 4027300; 678100, 4026600; 677400, 4026400; 676000, 4025600; 676000, 4025000; 676600, 4024500; 676800, 4023700; 675800, 4022500; 675600, 4021200; 675000, 4020200; 674200, 4019900; 672200, 4016700; 670800, 4015700; 670000, 4015700; 669500, 4016000; 669100, 4016700; 669600, 4017400; 669500, 4018600; 670100, 4019300; 670300, 4022200; 671000, 4023000; 672700, 4024100; 673500, 4024300; 674800, 4026200; 674500, 4026500; 674600, 4027000; 674100, 4027300; 673000, 4026800; 672400, 4027000; 671600, 4028700; 670700, 4028700; 669700, 4028900; 669700, 4030100; 669800, 4030700; 670300, 4032100; 670700, 4035100; 671300, 4037100; 669100, 4037700; 669200, 4038600; 668700, 4040300; 669800, 4042700; 671900, 4043300; 674100, 4043500; 676000, 4045600; 677300, 4046700; 683000, 4043300; 683800, 4042200; 683700, 4040600; 682300, 4039700; 681300, 4038600; 681600, 4037000; 681700, 4035800; 680800, 4034500; 678800, 4035200; 678000, 4036000; 677600, 4037100; 677200, 4037800; 676800, 4037900; 676100, 4038500; 675800, 4039000; 675000, 4038500; 675100, 4038000; 674700, 4037600; 673100, 4037000; 673800, 4036500; 674000, 4035500; 674700, 4035000; 675500, 4034700; 676000, 4033600; 676800, 4033300; 677600, 4032700; 678100, 4032100; 679000, 4031400; 679600, 4031200; 679900, 4031700; 679900, 4032700; 680500, 4033000; 681000, 4032500; 681500, 4031500; 682600, 4031200; 684400, 4028700; 685200, 4028700; 685500, 4028200; 687400, 4029500; 688000, 4030700; 688800, 4031100; 689700, 4031200; 691200, 4032600; 692000, 4032300; 692500, 4031600; 693200, 4031300; 693700, 4031300; 694300, 4030900; 693800, 4029500; 692600, 4028500; 693500, 4028500; 694300, 4027800; 694300, 4027200; 695100, 4026100; 696600, 4024900; 696600, 4023700; 697200, 4022600; 697900, 4022600; 698300, 4021500; 699200, 4020500; 699100, 4019400; 698500, 4019300; 698000, 4018700; 697100, 4018800; 695700, 4017900; 695400, 4016900; 695100, 4016500; 694900, 4015900; 694900, 4015000; 694400, 4013700; 693800, 4013100; 693600, 4012100; 692400, 4010900; 692000, 4009100; returning to 691600, 4008600.

(58) Subunit 29A: Monterey County, California. From USGS 1:24,000 quadrangle maps Jolon and Williams Hill, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 674900, 3975500; 674700, 3975500; 674600, 3976300; 673400, 3976300; 673400, 3976700; 673000, 3976700; 673000, 3977900; 670600, 3977800; 670600, 3977600; 668400, 3979200; 668300, 3979300; 667100, 3980200; 667700, 3980200; 667700, 3981800; 667300, 3981800; 667300, 3982100; 668000, 3982100; 668500, 3981900; 668700, 3981600; 668500, 3981100; 668700, 3980600; 669400, 3980100; 669800, 3980500; 670600, 3980700; 671400, 3980600; 671400, 3979500; 671900, 3979500; 672700, 3978600; 674700, 3978600; 675400, 3978200; 674600, 3976900; 674800, 3975700; 674900, 3975600; returning to 674900, 3975500.

(59) Subunit 29B: Monterey and San Luis Obispo Counties, California. From USGS 1:24,000 quadrangle maps Adelaida, Bradley Paso Robles, San Miguel, Valleton, and Wunpost, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N):

(i) Start at 705500, 3965500; 705400, 3965500; 705200, 3974500; 704000, 3974500; 703700, 3973800; 703700, 3973400; 703200, 3972500; 702900, 3972300; 702600, 3972000; 702500, 3971900; 701900, 3971200; 701600, 3971200; 701300, 3971000; 700800, 3971000; 700000, 3971000; 700000, 3970400; 699000, 3970400; 699000, 3970500; 699200, 3970700; 699800, 3972200; 700200, 3972800; 700400, 3973600; 700800, 3974300; 701300, 3974700; 701700, 3975500; 702900, 3976300; 703200, 3976900; 704200, 3977800; 704800, 3977900; 705400, 3977900; 706100, 3978300; 706700, 3978700; 706700, 3978300; 706200, 3976700; 706100, 3975500; 706300, 3975100; 706500, 3974400; 706400, 3971900; 706600, 3970800; 707000, 3970100; 707000, 3969400; 706800, 3969200; 706800, 3968200; 706600, 3967400; returning to 705500, 3965500.

(ii) Start at 707500, 3961300; 706900, 3961300; 706900, 3961400; 706500, 3961700; 705700, 3962200; 704900, 3963400; 705500, 3964000; 705400, 3964400; 705500, 3964400; 705800, 3963600; 705700, 3963000; 706000, 3962800; 706800, 3963500; 707600, 3963500; 707500, 3962800; 707900, 3962500; 708100, 3962000; returning to 707500, 3961300.

(iii) Start at 694300, 3961200; 694200, 3961400; 694800, 3961800; 694900, 3962400; 694700, 3962800; 694800, 3963500; 695400, 3963500; 695700, 3963400; 695800, 3963100; 695500, 3963100; 695500, 3961400; 694300, 3961400; returning to 694300, 3961200. 705700, 3957100; 705300, 3957100; 705300, 3961100; 706200, 3961200; 706200, 3961100; 706000, 3961000; 705600, 3959800; 705900, 3959400; 706000, 3958800; 706600, 3958600; 706900, 3958000; 706900, 3957600; 706400, 3957200; returning to 705700, 3957100.

(iv) Start at 703200, 3952200; 703000, 3952200; 703000, 3953500; 702200, 3953500; 702100, 3954300; 702900, 3955100; 705400, 3955100; 705300, 3956700; 705400, 3956700; 705800, 3956500; 706300, 3956000; 707900, 3956100; 707900, 3955400; 708100, 3955100; 707600, 3954000; 707300, 3953600; 705700, 3952600; 705000, 3952800; returning to 703200, 3952200.

(60) Subunit 29C: Monterey and San Luis Obispo Counties, California. From USGS 1:24,000 quadrangle maps Cholame Hills, Creston, Estrella, Pasa Robles, and Ranchito Canyon, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 717700, 3941700; 717400, 3941700; 717000, 3941900; 717200, 3942500; 715100, 3944900; 715300, 3945200; 714500, 3945900; 714800, 3946200; 714600, 3946400; 714000, 3946400; 713200, 3947000; 713200, 3947200; 713600, 3947800; 713500, 3948400; 713200, 3948700; 712800, 3947900; 712600, 3947900; 712500, 3948000; 712500, 3948800; 711600, 3949100; 711300, 3949300; 711200, 3949800; 710600, 3949900; 710500, 3950000; 710500, 3950200; 710900, 3950400; 710900, 3950600; 710600, 3950700; 709400, 3950500; 709300, 3952100; 709800, 3952800; 709800, 3954800; 709500, 3955200; 709500, 3955600; 710200, 3955600; 710400, 3955500; 711000, 3955300; 711500, 3954600; 711600, 3953600; 713900, 3953600; 714200, 3954000; 714500, 3953800; 715000, 3953700; 715300, 3953500; 715500, 3953400; 715700, 3953400; 716000, 3953700; 716500, 3953700; 716800, 3953600; 717600, 3953700; 717900, 3954200; 718500, 3954600; 718900, 3954800; 719300, 3954900; 720400, 3955600; 721400, 3956700; 722200, 3958400; 722500, 3960400; 723300, 3962100; 724200, 3962500; 724400, 3963300; 725100, 3964000; 725100, 3963300; 725000, 3962100; 725600, 3961700; 726100,

3961700; 726100, 3961300; 725200, 3960400; 725100, 3959200; 724700, 3958300; 724300, 3956700; 724700, 3956500; 725200, 3955000; 724100, 3953600; 723800, 3952700; 723400, 3952000; 723100, 3950600; 723500, 3949700; 723500, 3949000; 724100, 3948500; 723500, 3948400; 722300, 3948900; 719200, 3948900; 719200, 3949700; 718300, 3949700; 718300, 3948900; 718900, 3948900; 719000, 3948700; 719200, 3948700; 719200, 3948100; 720000, 3948100; 720000, 3946500; 720200, 3946400; 720800, 3945700; 721000, 3945200; 721100, 3944900; 721100, 3943400; 720100, 3943400; 718700, 3942200; returning to 717700, 3941700.

(61) Unit 30: San Luis Obispo County, California. From USGS 1:24,000 quadrangle maps Chimneas Ranch, McKittrick Summit, Painted Rock, and Simmler, California, land bounded by the following UTM 11 NAD 83 coordinates (E, N): 247900, 3894600; 245800, 3895500; 243500, 3896000; 242700, 3896400; 242200, 3897600; 240100, 3898900; 239500, 3899300; 239300, 3899600; 238300, 3900400; 237900, 3900300; 236100, 3901000; 235800, 3901300; 235800, 3902300; 235500, 3903500; 234800, 3904400; 233000, 3904900; 231800, 3905800; 231600, 3907000; 231900, 3908800; 231800, 3909400; 229400, 3910200; 227200, 3911200; 227300, 3913400; 228100, 3913800; 229000, 3913900; 231900, 3913200; 233300, 3913200; 234300, 3912900; 235100, 3912100; 235300, 3911200; 233900, 3910100; 233700, 3909700; 235300, 3909000; 235700, 3908500; 237200, 3907500; 237700, 3906300; 238200, 3905800; 239100, 3905200; 239100, 3904900; 242800, 3902600; 244400, 3901300; 244400, 3901000; 244700, 3900700; 244800, 3899100; 245400, 3898800; 247200, 3896600; 248200, 3895000; returning to 247900, 3894600.

(62) Unit 31: Santa Barbara County, California. From USGS 1:24,000 quadrangle maps Figueroa Mtn., Lake Cachuma, Los Olivos, and Santa Ynez, California, land bounded by the following UTM 10 NAD 83 coordinates (E, N): 775000, 3831900; 774200, 3831800; 773600, 3831900; 772500, 3831800; 772100, 3831400; 771400, 3831500; 770400, 3831000; 769800, 3830900; 769300, 3831100; 769100, 3831300; 768500, 3832600; 768500, 3833300; 768700, 3833700; 769900, 3834700; 770200, 3834700; 771900, 3835200; 772300, 3835300; 772800, 3835000; 773100, 3835000; 773100, 3835300; 773700, 3835300; 773700, 3835700; 773600, 3836100; 773200, 3836900; 773800, 3837100; 774300, 3836500; 774900, 3836300; thence east to UTM zone 11, land bounded by the following UTM 11 NAD 83 coordinates (E, N): 224900, 3836300; 225100, 3836200; 225300, 3836400; 225600, 3837000; 226600, 3838500; 228200, 3839300; 229800, 3839000; 232200, 3840500; 232400, 3841700; 232300, 3842700; 231600, 3843100; 230300, 3844900; 230000, 3846200; 230800, 3846400; 231200, 3846200; 231700, 3846200; 232000, 3846500; 232800, 3847000; 233800, 3847000; 234500, 3846400; 234700, 3845600; 235200, 3845600; 235900, 3844500; 236400, 3844200; 236400, 3843800; 235900, 3843600; 235700, 3843300; 235500, 3843000; 235200, 3842900; 235100, 3842800; 235100, 3842000; 235300, 3841300; 235200, 3840700; 234700, 3840000; 234900, 3839700; 234600, 3839500; 234600, 3839300; 234300, 3839300; 233800, 3839300; 233100, 3838200; 232900, 3838000; 232300, 3837900; 232100, 3838200; 231800, 3838400; 231400, 3838500; 230700, 3837700; 230800, 3837200; 230300, 3836600; 230100, 3836100; 230000, 3835700; 229100, 3835300; 228900, 3834900; 228800, 3833800; 228000, 3833300; 227400, 3833200; 227000, 3832800; 226700, 3832400; 226100, 3832400; 225800, 3832500; 225200, 3832000; 225000, 3831900; 224800, 3831900 thence west to UTM zone 10 to the point of beginning at UTM 10 NAD 83 coordinates 775000, 3831900.

(63) Unit 32: Ventura County, California. From USGS 1:24,000 quadrangle maps Alamo Mountain, Lion Canyon, Lockwood Valley, San Guillermo, and Topatopa Mountains, California, land bounded by the following UTM 11 NAD 83 coordinates (E, N): 310100, 3830500; 309400, 3831000; 308400, 3830900; 307200, 3830600; 306000, 3831200; 304700, 3831300; 303400, 3832100; 302100, 3832600; 301600, 3833600; 300400, 3833600; 299200, 3834000; 298200, 3834400; 297700, 3835300; 297900, 3837300; 299500, 3837500; 301200, 3838400; 301500, 3839300; 303400, 3841000; 303800, 3842700; 304900, 3843600; 305800, 3843600; 307700, 3843400; 309500, 3843400; 310500, 3844200; 311900, 3844600; 313400, 3845400; 314500, 3844100; 315200, 3843800; 315700, 3842400; 316500, 3841100; 317200, 3838100; 317200, 3837000; 316500, 3833900; 315700, 3833300; 315200, 3834100; 314000, 3834100; 313100, 3832200; 311500, 3830800; returning to 310100, 3830500.

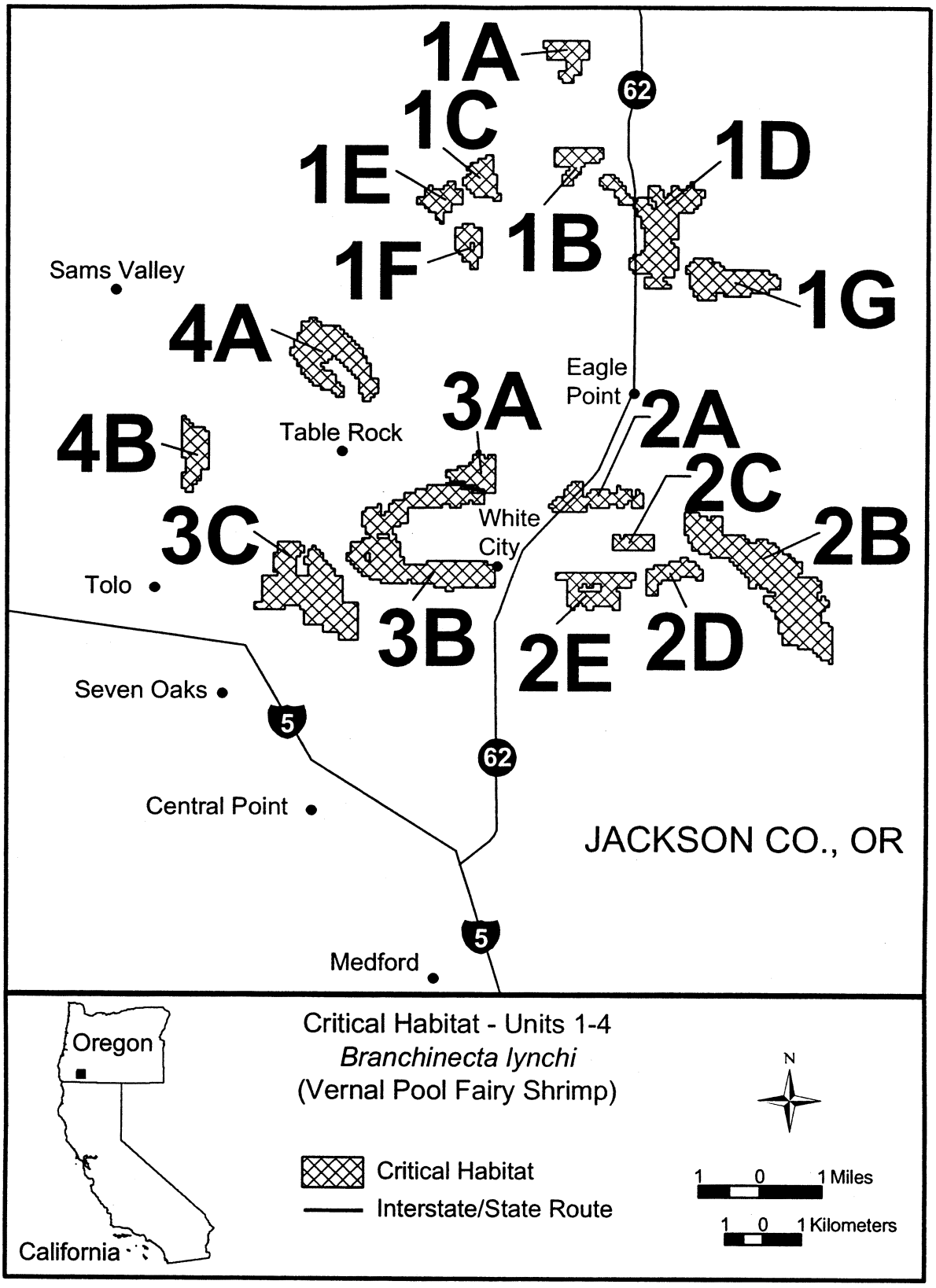
(64) Subunit 33A: Riverside County, California. [Reserved]

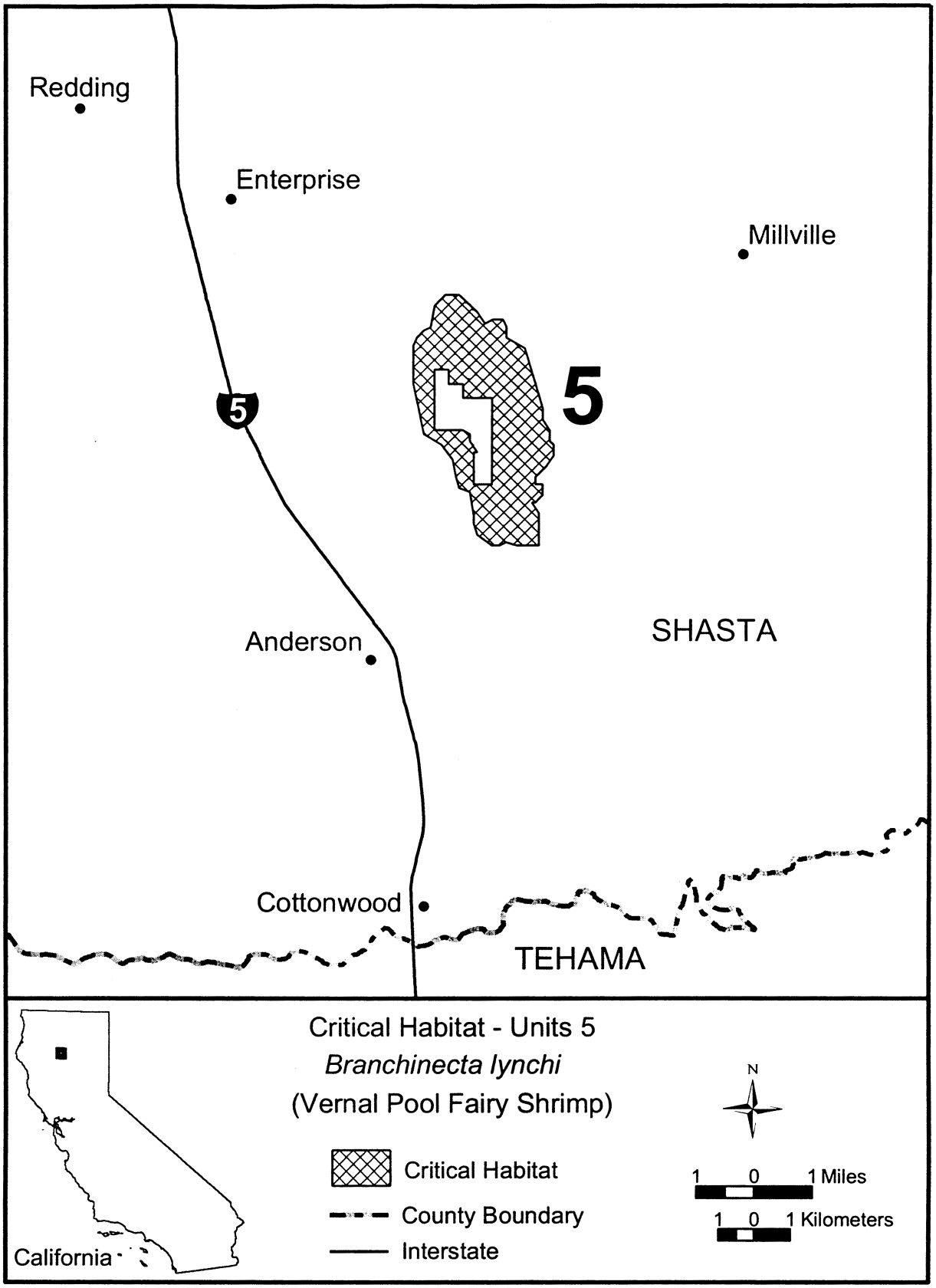
(65) Subunit 33B: Riverside County, California. [Reserved]

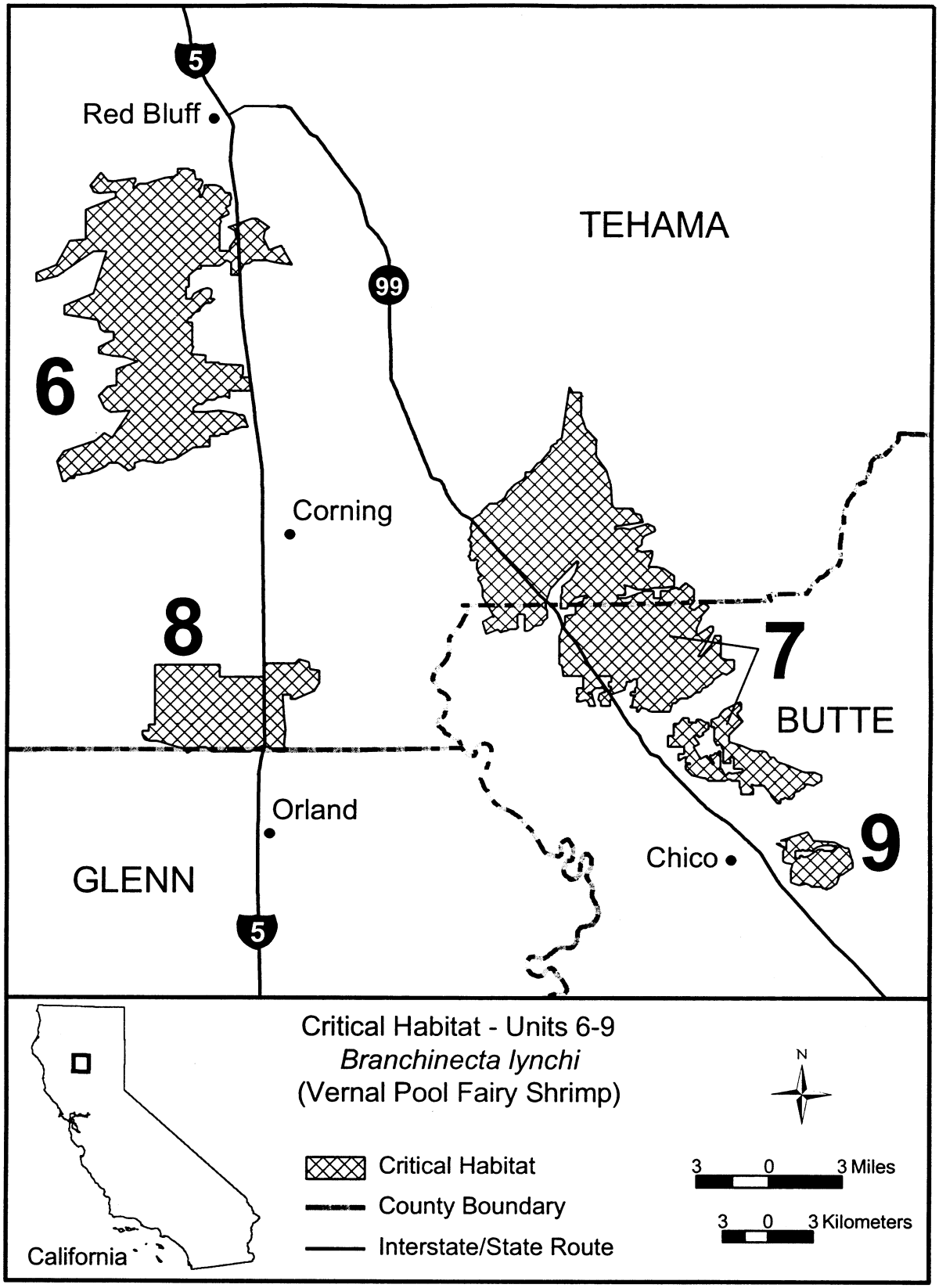
(66) Subunit 33C: Riverside County, California. [Reserved]

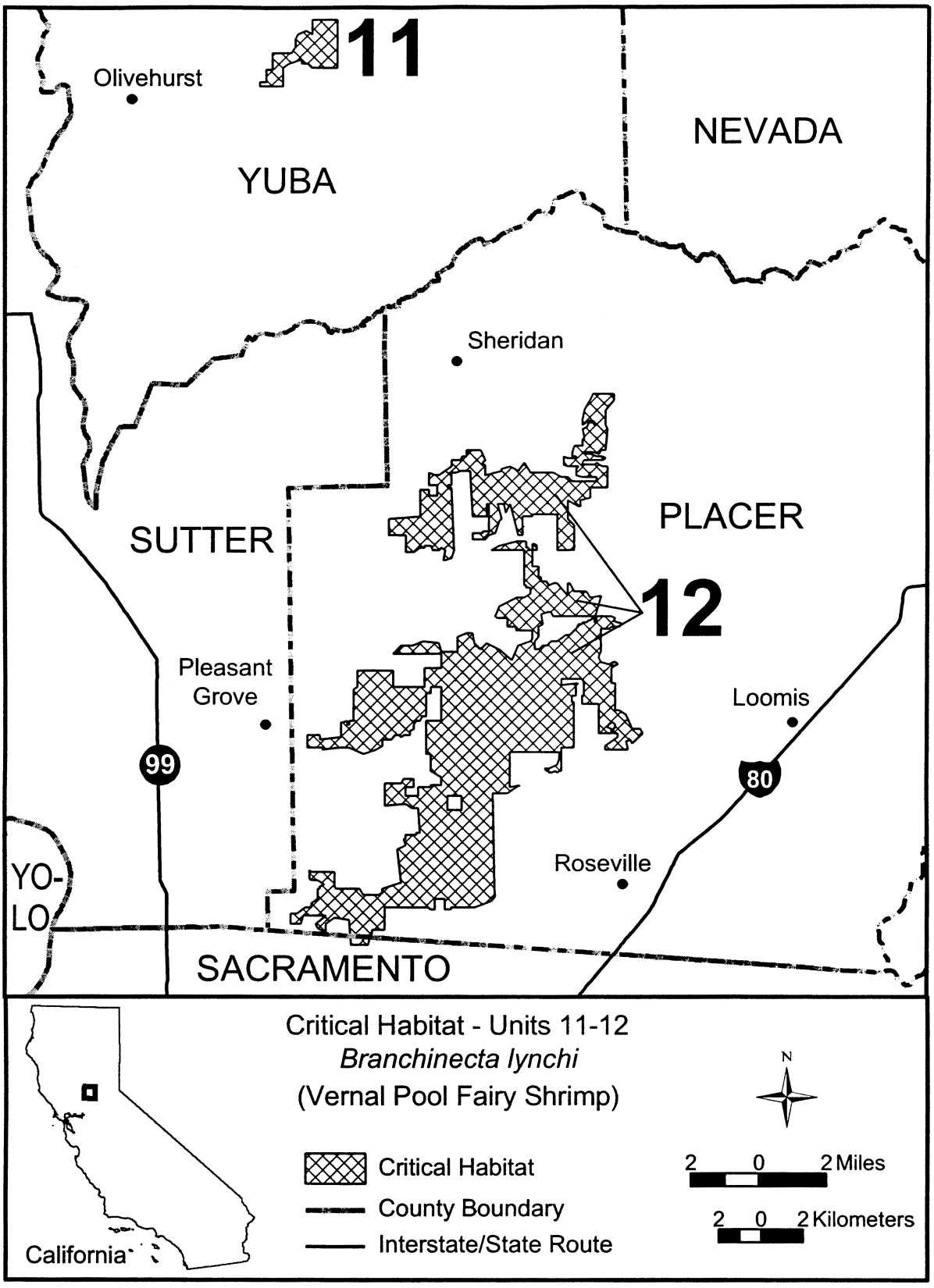
(67) Maps follow of critical habitat units 1 through 4, 5, 6 through 9, 11 and 12, 13 and 14, 15 through 17, 18, 19, 20, 21 through 23, 24 and 25, 26, 27, 28, 29, 30, 31, and 32 (respectively) for vernal pool fairy shrimp.

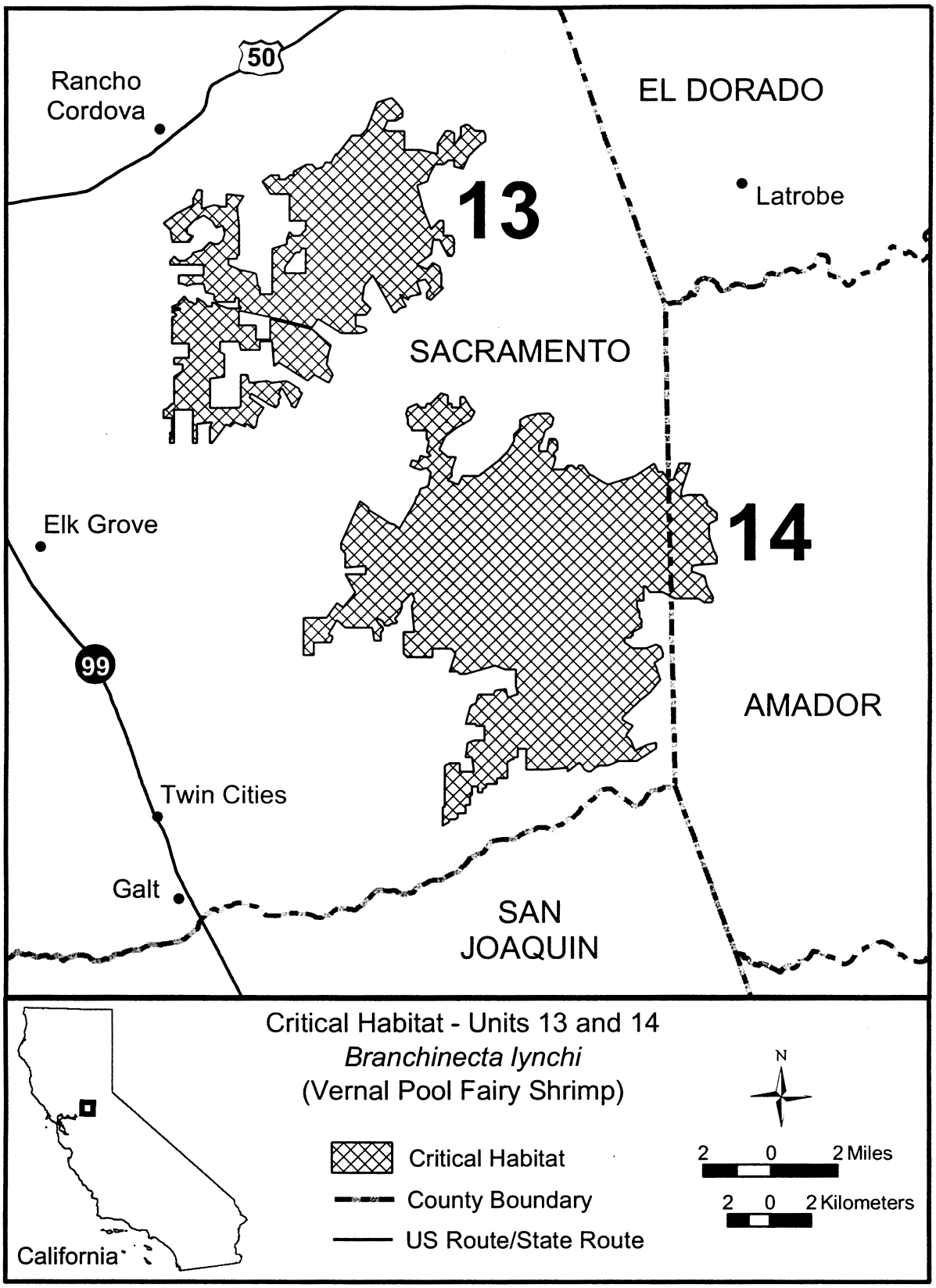
BILLING CODE 4310–55–P

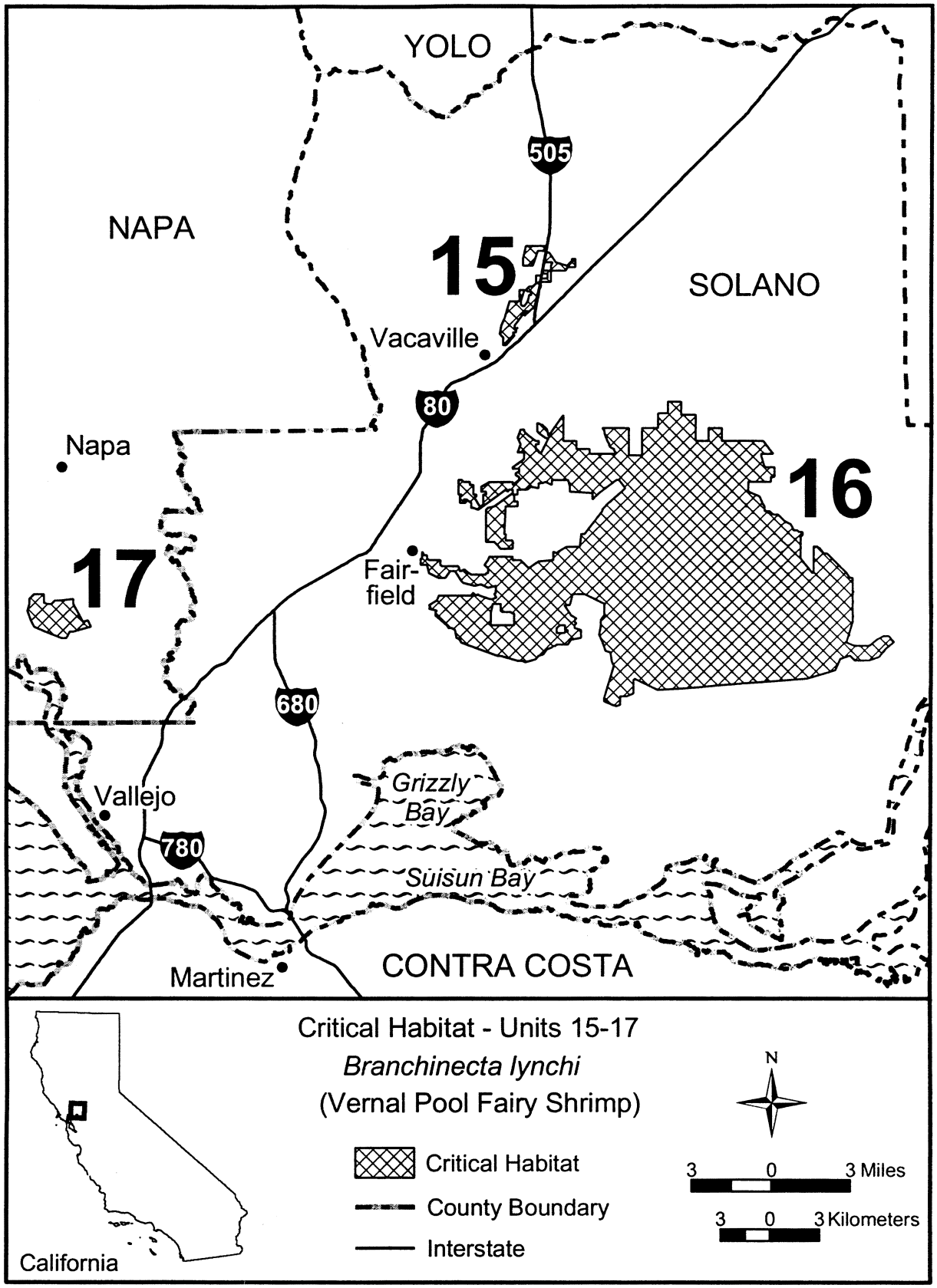

1A
1C
1E
1D
1B
1F
1G
4A
4B
3A
2A
2C
2B
3C
2E
2D
3B
62
Sams Valley
Eagle Point
Table Rock
White City
Tolo
Seven Oaks
5
62
Central Point
JACKSON CO., OR
5
Medford
Oregon
California
Critical Habitat - Units 1-4
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
N
Critical Habitat
Interstate/State Route
1 0 1 Miles
1 0 1 Kilometers

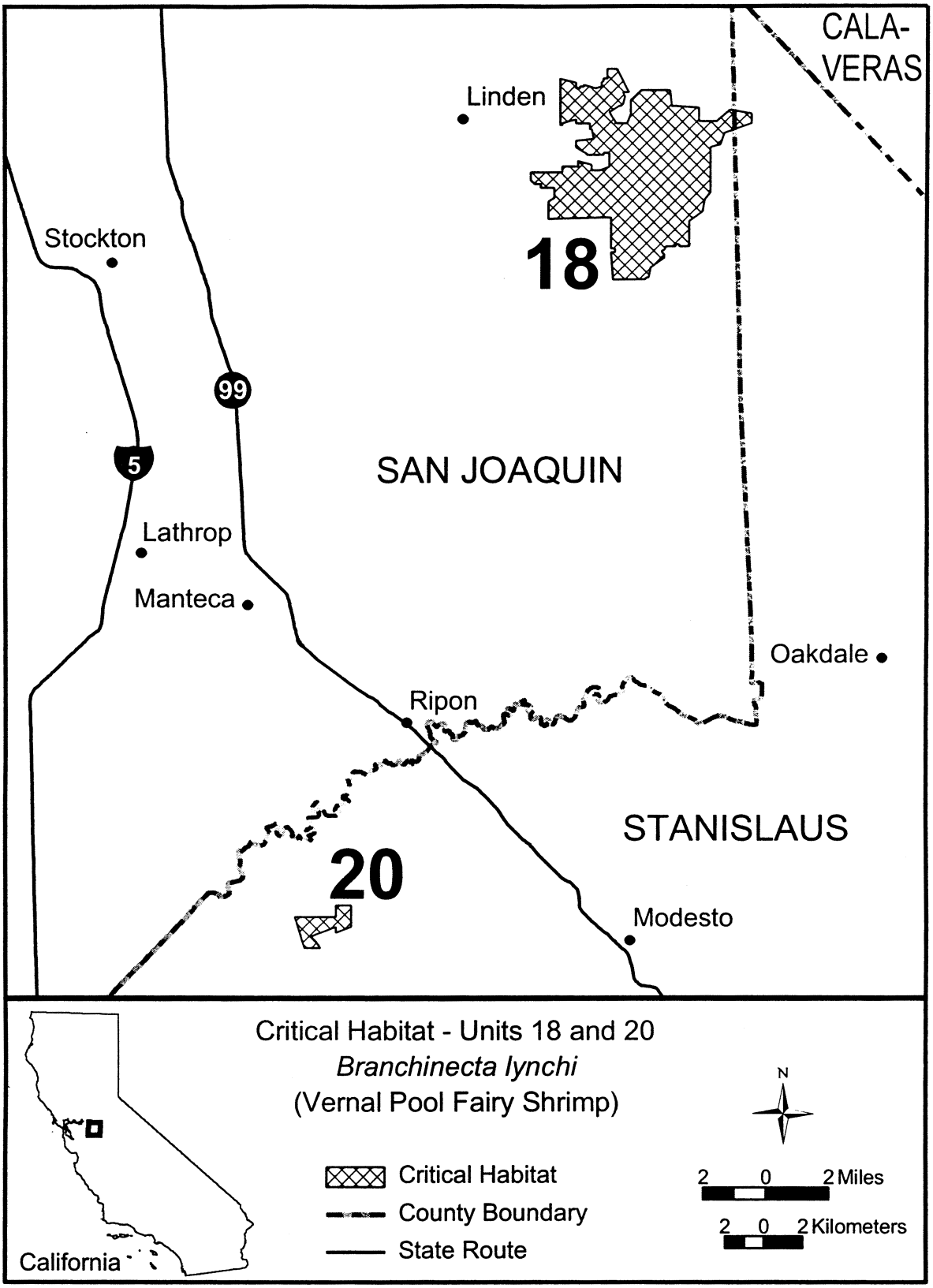

Redding
Enterprise
Millville
5
5
Anderson
SHASTA
Cottonwood
TEHAMA
Critical Habitat - Units 5
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
Critical Habitat
County Boundary
Interstate
N
1 0 1 Miles
1 0 1 Kilometers
California

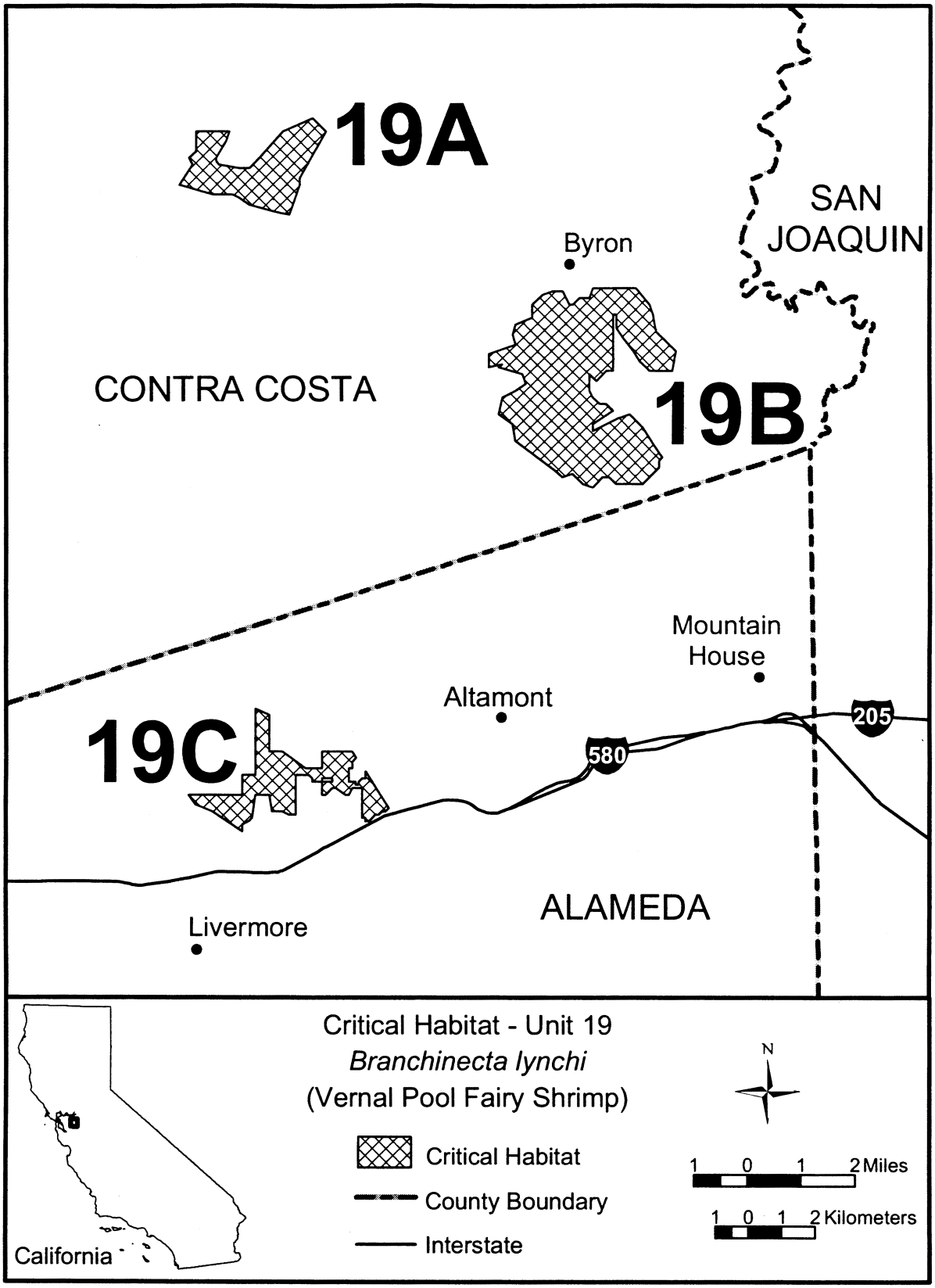

5
Red Bluff
TEHAMA
99
6
Corning
8
7
BUTTE
Orland
9
Chico
GLENN
5
Critical Habitat - Units 6-9
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
N
Critical Habitat
County Boundary
Interstate/State Route
3 0 3 Miles
3 0 3 Kilometers
California

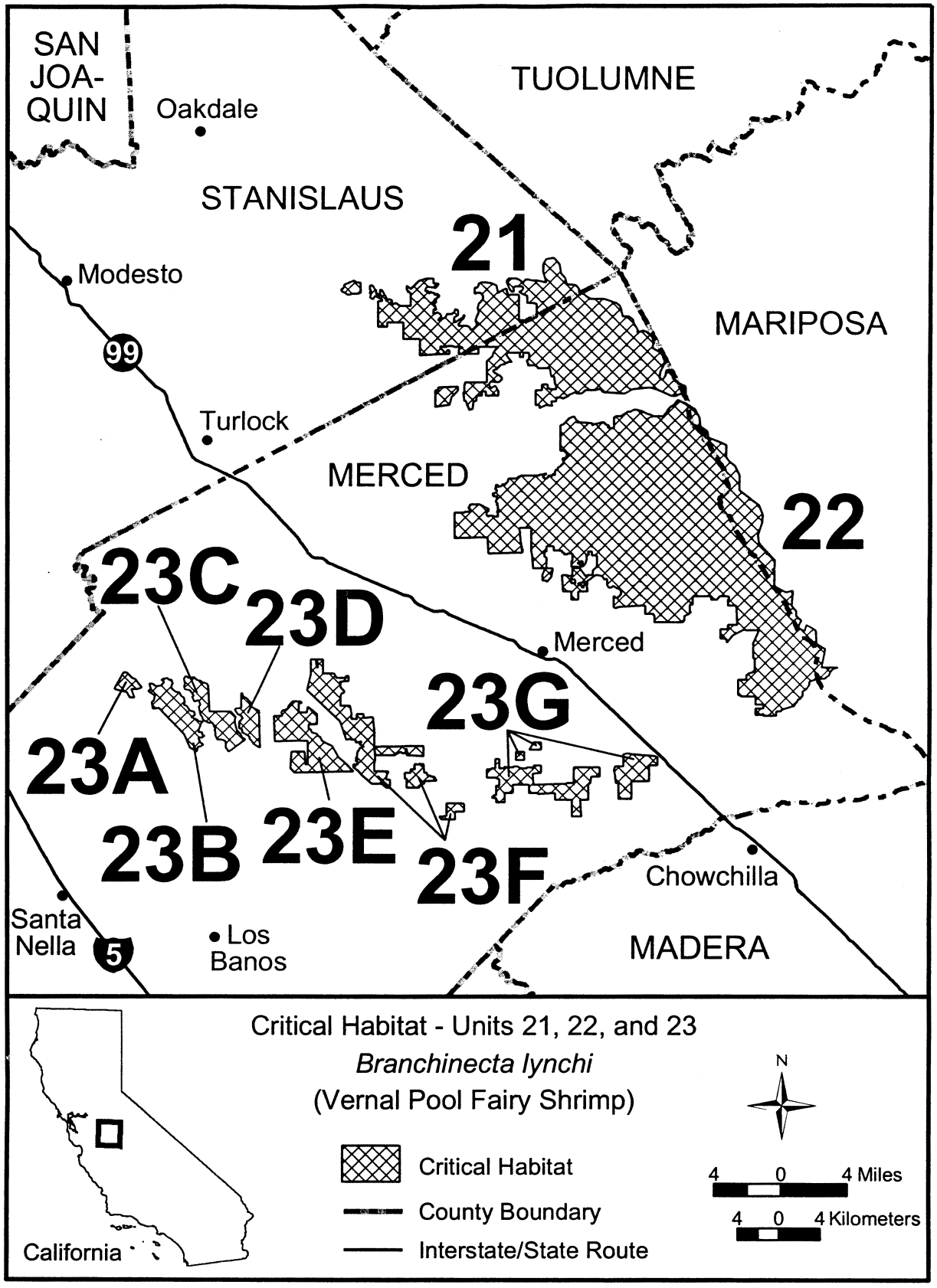

11
Olivehurst
NEVADA
YUBA
Sheridan
PLACER
SUTTER
12
Pleasant Grove
Loomis
99
80
Roseville
YO-LO
SACRAMENTO
Critical Habitat - Units 11-12
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
N
Critical Habitat
County Boundary
Interstate/State Route
2 0 2 Miles
2 0 2 Kilometers
California

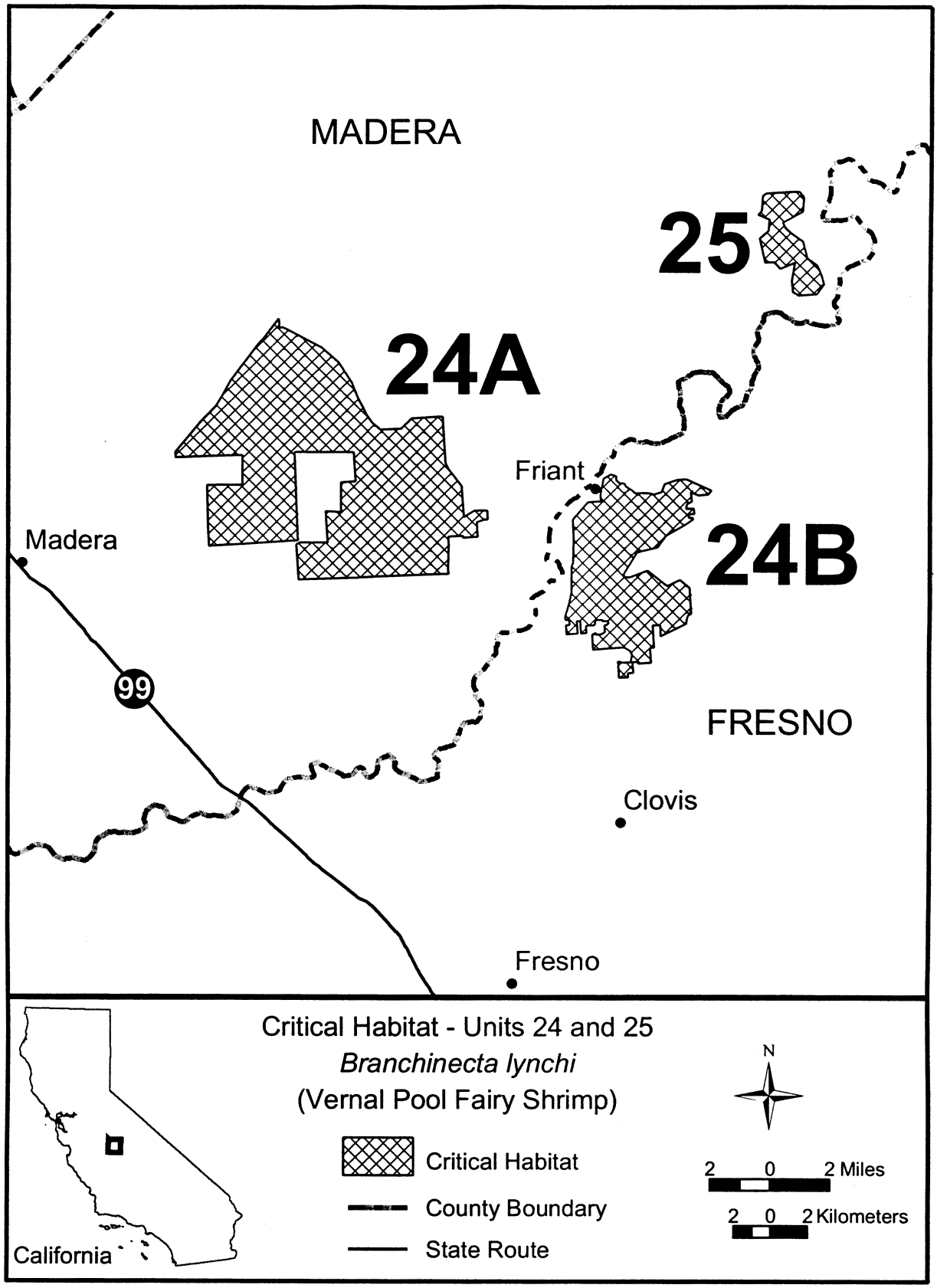

50
Rancho Cordova
EL DORADO
Latrobe
13
SACRAMENTO
14
Elk Grove
99
AMADOR
Twin Cities
Galt
SAN JOAQUIN
Critical Habitat - Units 13 and 14
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
N
Critical Habitat
County Boundary
US Route/State Route
2 0 2 Miles
2 0 2 Kilometers
California

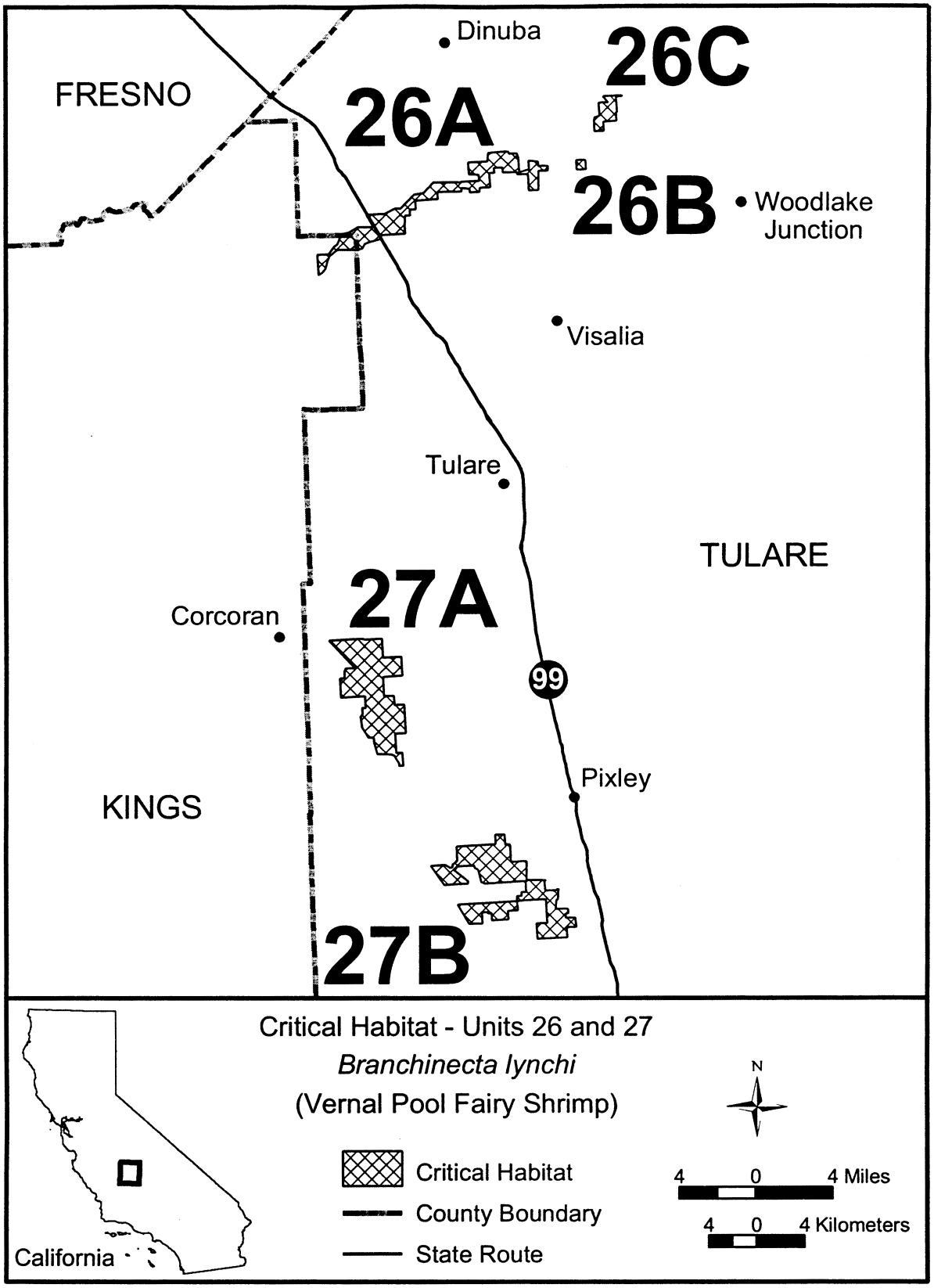

YOLO
505
NAPA
15
SOLANO
Vacaville
80
Napa
16
17
Fair-
field
680
Grizzly
Bay
Vallejo
780
Suisun Bay
CONTRA COSTA
Martinez
Critical Habitat - Units 15-17
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
N
Critical Habitat
3 0 3 Miles
County Boundary
3 0 3 Kilometers
Interstate
California

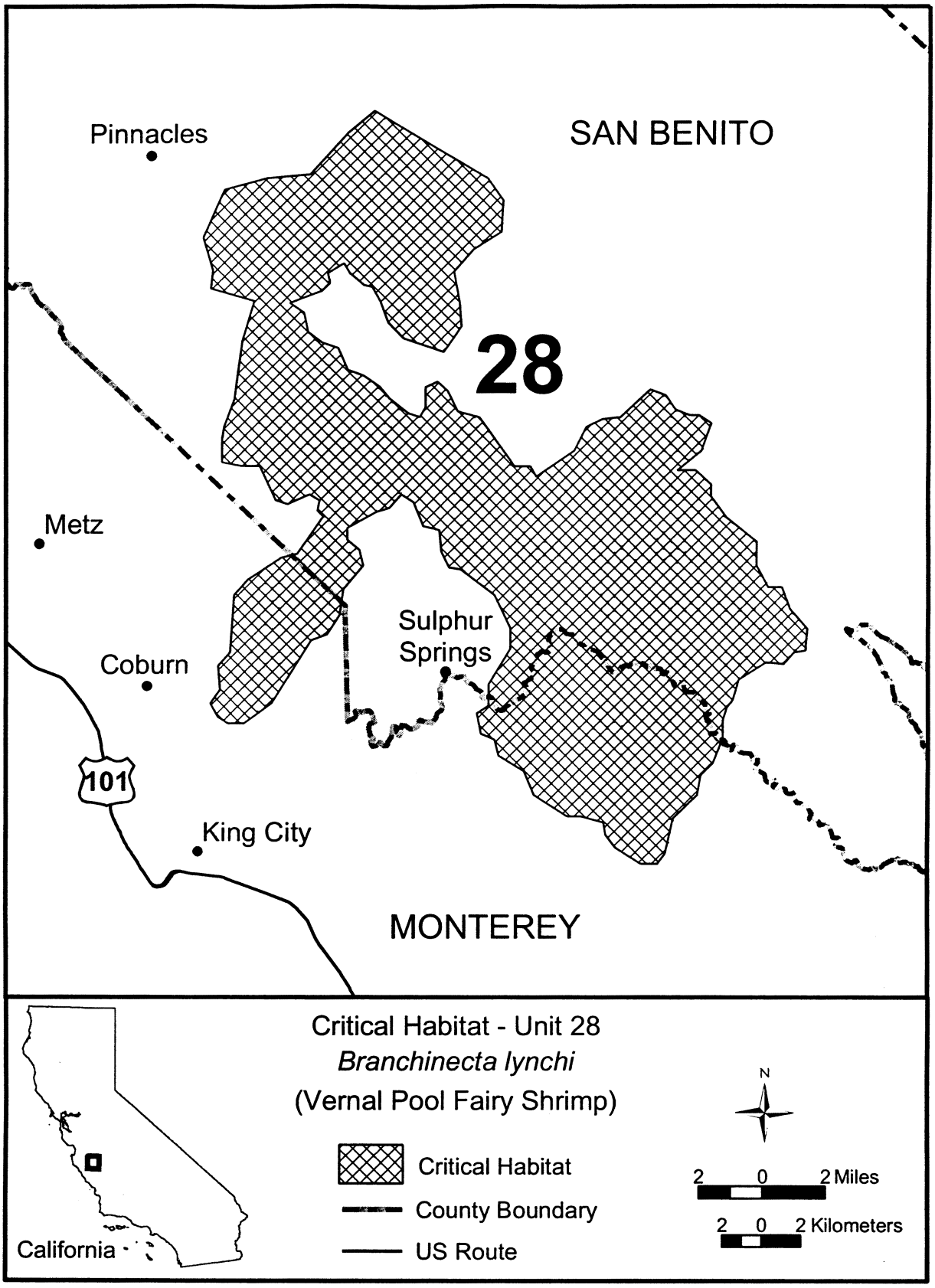

CALA-
VERAS
Linden
18
Stockton
99
5
SAN JOAQUIN
Lathrop
Manteca
Oakdale
Ripon
STANISLAUS
20
Modesto
Critical Habitat - Units 18 and 20
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
N
Critical Habitat
County Boundary
State Route
2 0 2 Miles
2 0 2 Kilometers
California

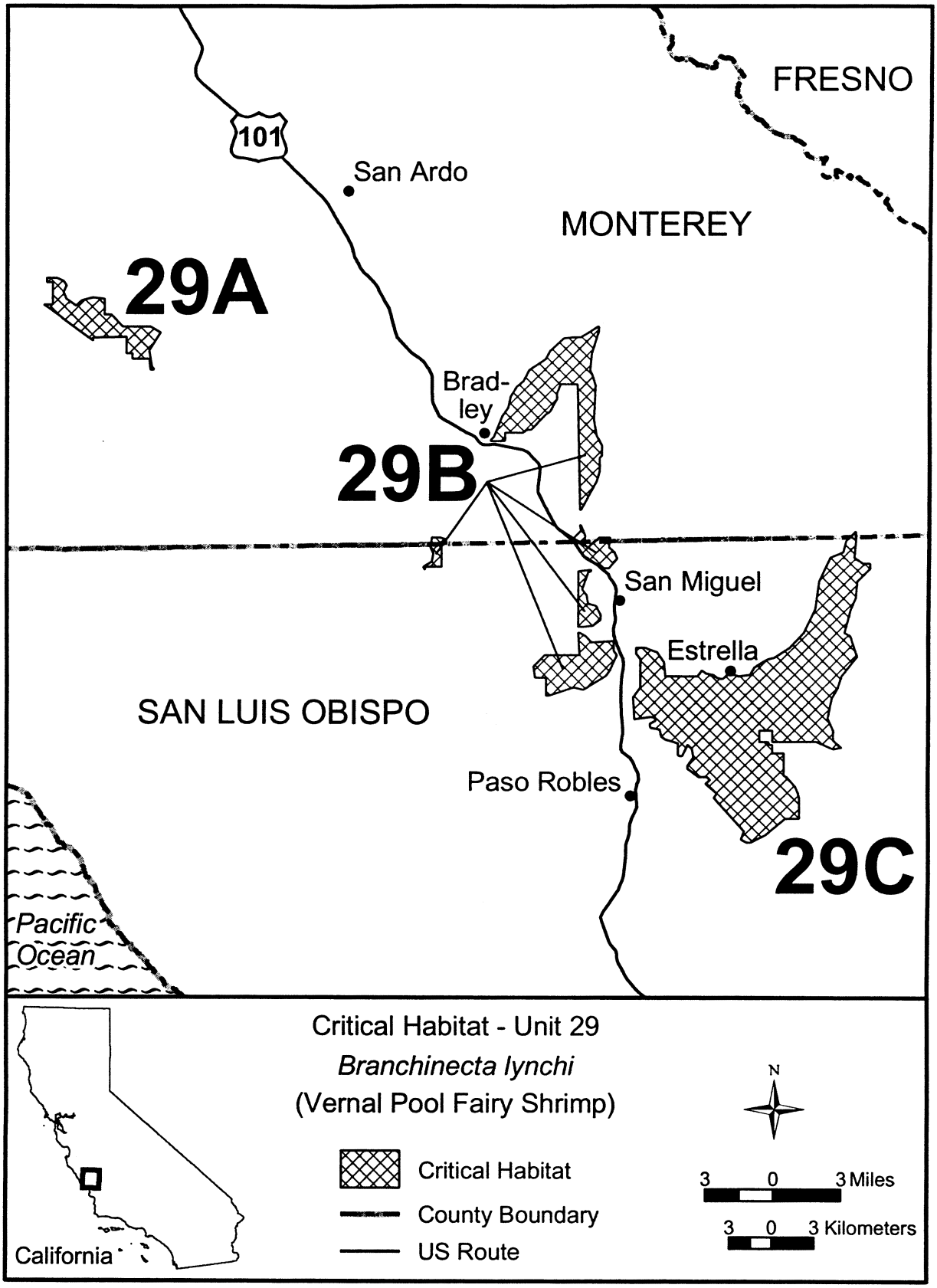

19A
SAN JOAQUIN
Byron
CONTRA COSTA
19B
Mountain House
Altamont
205
580
19C
ALAMEDA
Livermore
Critical Habitat - Unit 19
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
N
Critical Habitat
County Boundary
Interstate
1 0 1 2 Miles
1 0 1 2 Kilometers
California

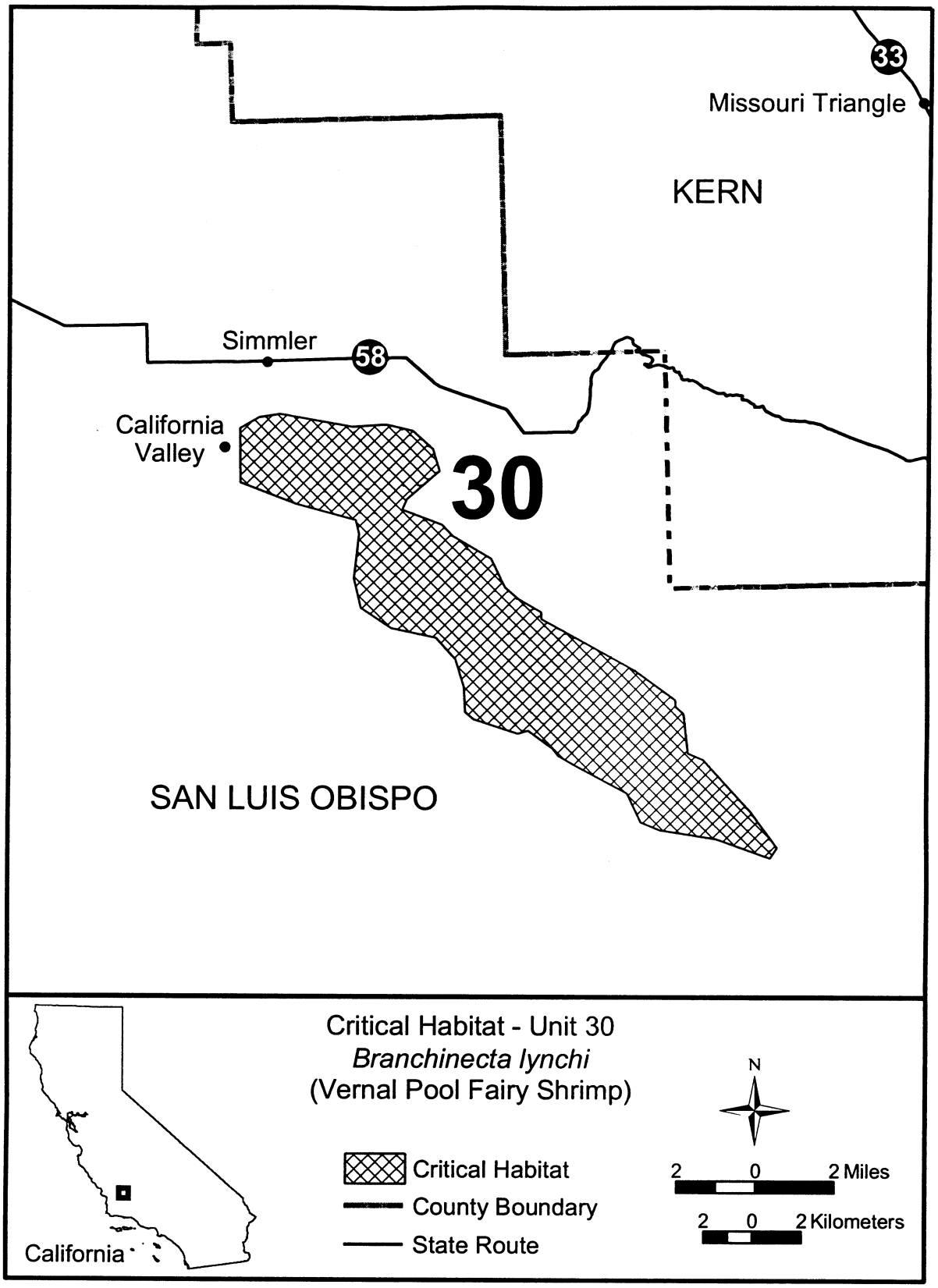

SAN JOA-QUIN
Oakdale
TUOLUMNE
STANISLAUS
21
Modesto
99
MARIPOSA
Turlock
MERCED
22
23C
23D
Merced
23G
23A
23B
23E
23F
Chowchilla
Santa Nella
5
Los Banos
MADERA
Critical Habitat - Units 21, 22, and 23
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
N
Critical Habitat
4 0 4 Miles
County Boundary
4 0 4 Kilometers
Interstate/State Route
California


MADERA
25
24A
24B
Friant
Madera
99
FRESNO
Clovis
Fresno
Critical Habitat - Units 24 and 25
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
Critical Habitat
County Boundary
State Route
N
2 0 2 Miles
2 0 2 Kilometers
California


Dinuba
26C
FRESNO
26A
26B
Woodlake
Junction
Visalia
Tulare
TULARE
27A
Corcoran
99
Pixley
KINGS
27B
Critical Habitat - Units 26 and 27
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
N
Critical Habitat
County Boundary
State Route
4 0 4 Miles
4 0 4 Kilometers
California


Pinnacles
SAN BENITO
28
Metz
Sulphur
Springs
Coburn
101
King City
MONTEREY
Critical Habitat - Unit 28
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
Critical Habitat
County Boundary
US Route
N
2 0 2 Miles
2 0 2 Kilometers
California


FRESNO
101
San Ardo
MONTEREY
29A
Brad-
ley
29B
San Miguel
Estrella
SAN LUIS OBISPO
Paso Robles
29C
Pacific
Ocean
Critical Habitat - Unit 29
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
Critical Habitat
County Boundary
US Route
N
3 0 3 Miles
3 0 3 Kilometers
California


33
Missouri Triangle
KERN
Simmler
58
California Valley
30
SAN LUIS OBISPO
California
Critical Habitat - Unit 30
Branchinecta lynchi
(Vernal Pool Fairy Shrimp)
Critical Habitat
County Boundary
State Route
N
2 0 2 Miles
2 0 2 Kilometers