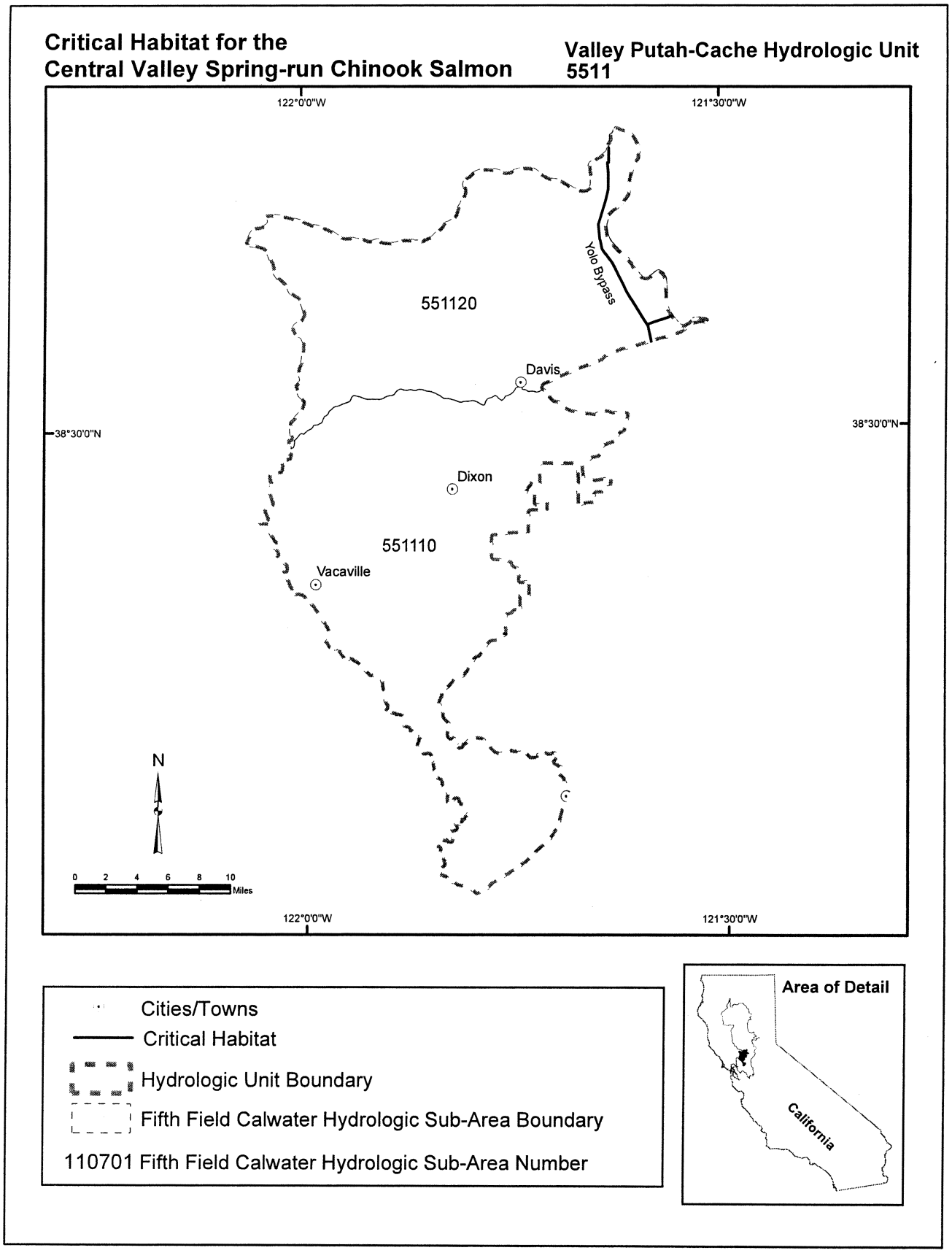
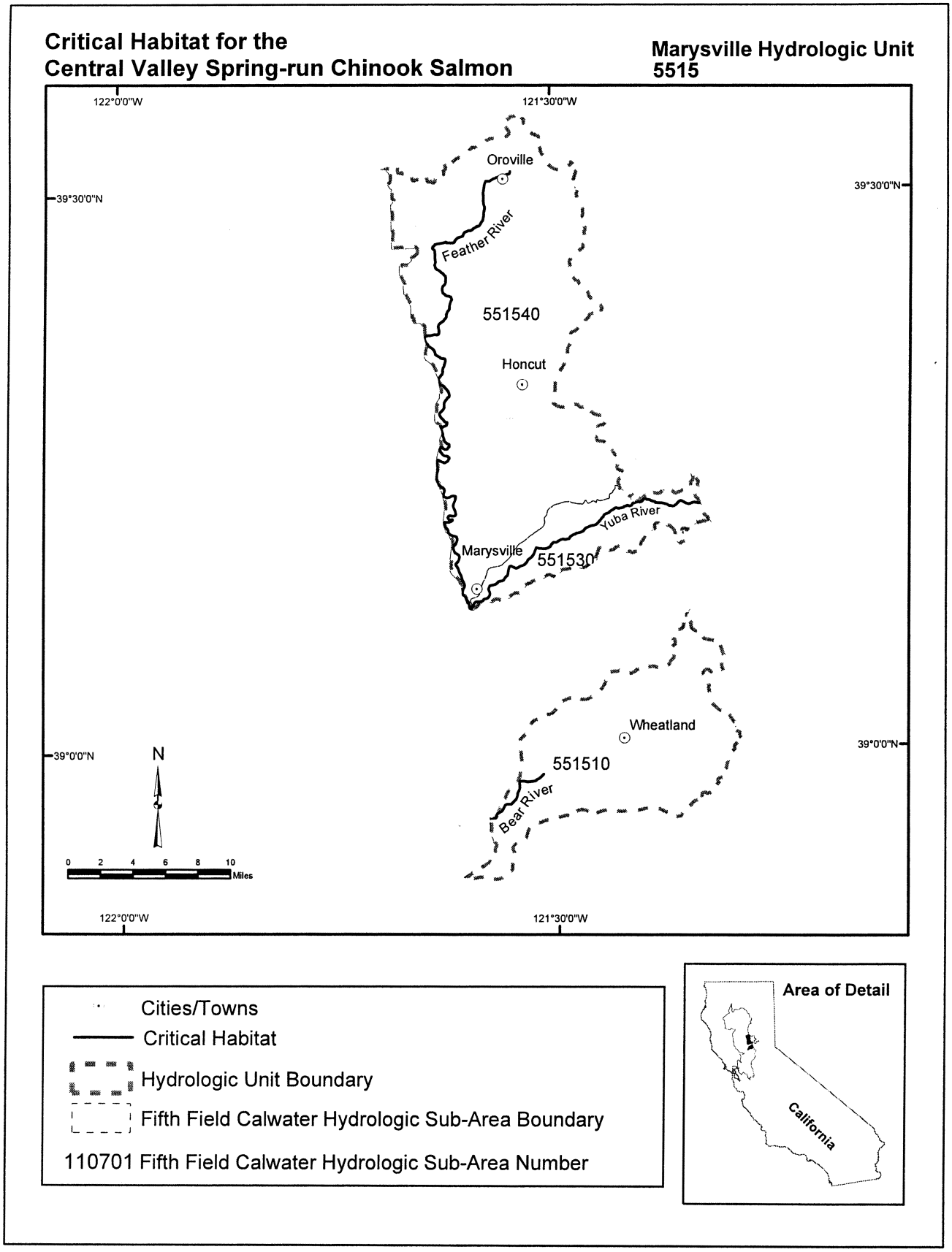
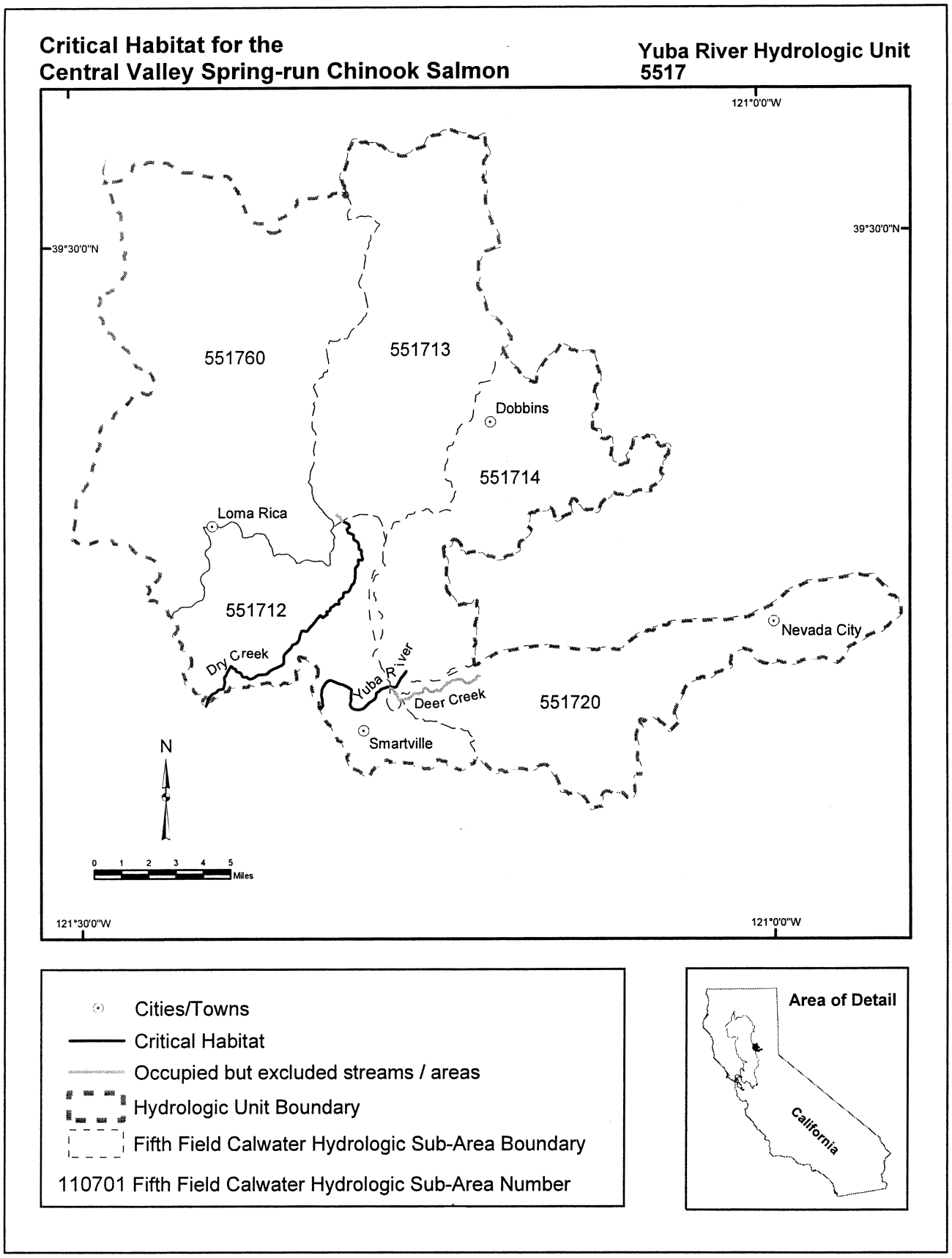
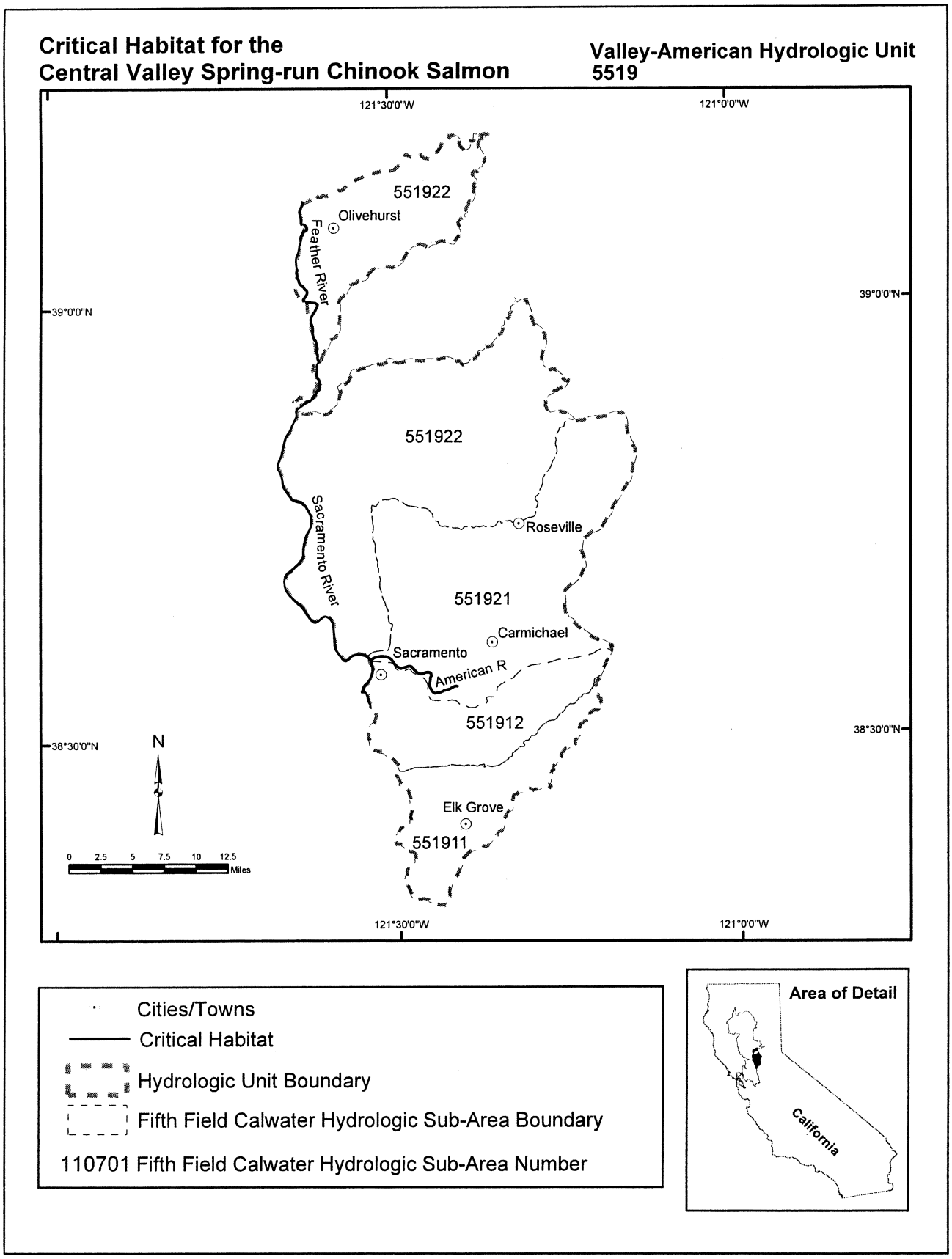
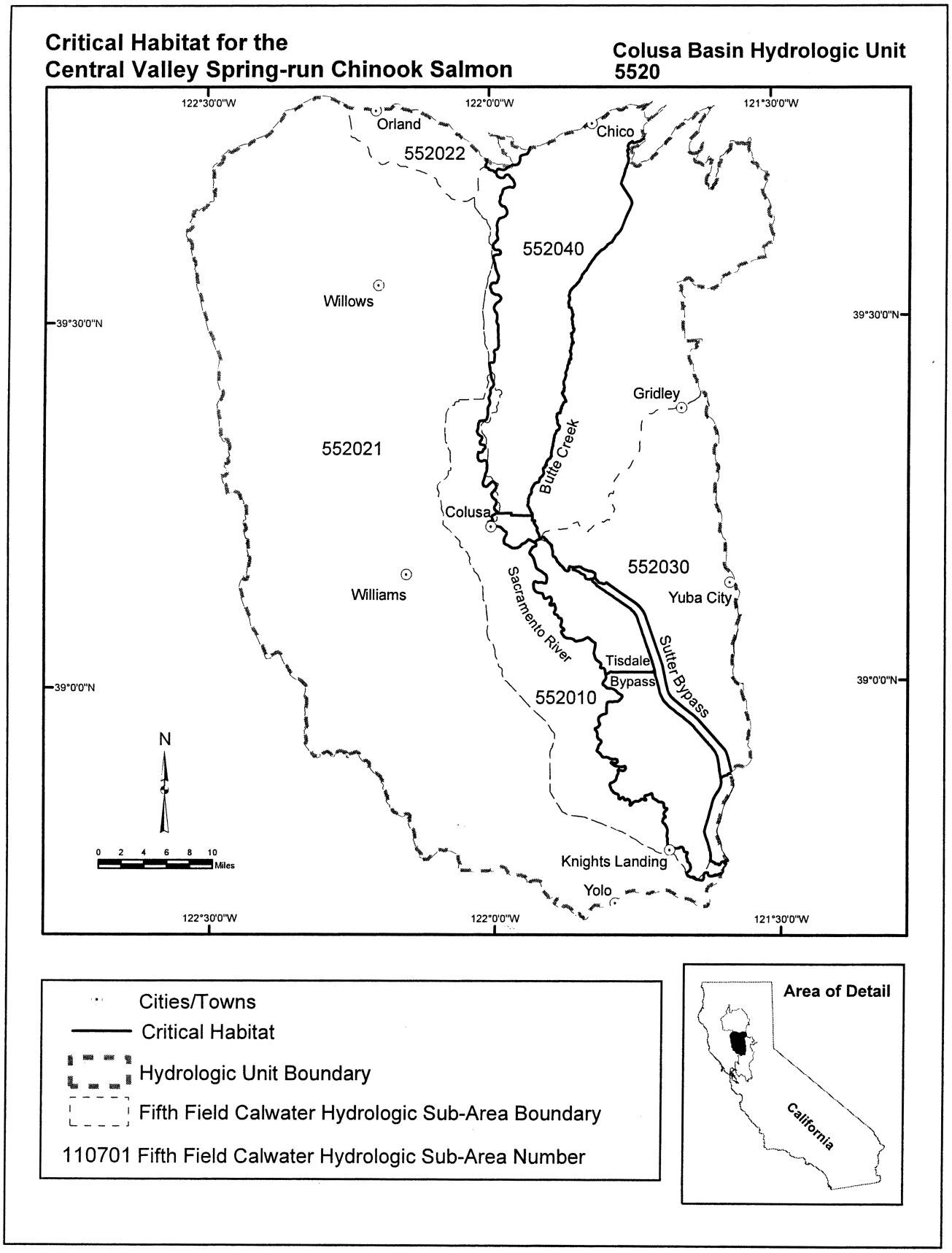
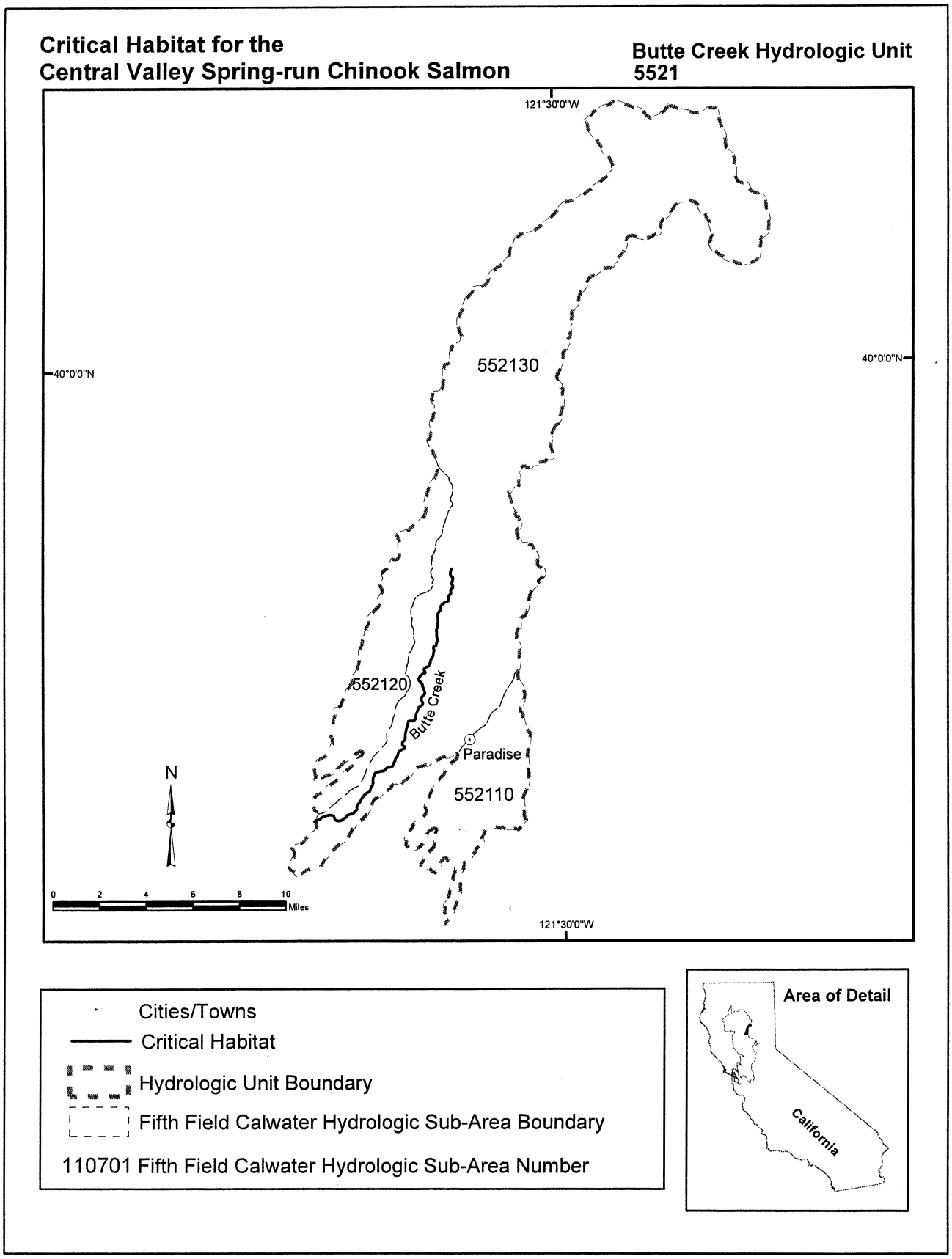

Critical Habitat for the
Central Valley Spring-run Chinook Salmon
Valley Putah-Cache Hydrologic Unit
5511
122°0'0"W
121°30'0"W
38°30'0"N
Yolo Bypass
551120
Davis
Dixon
551110
Vacaville
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

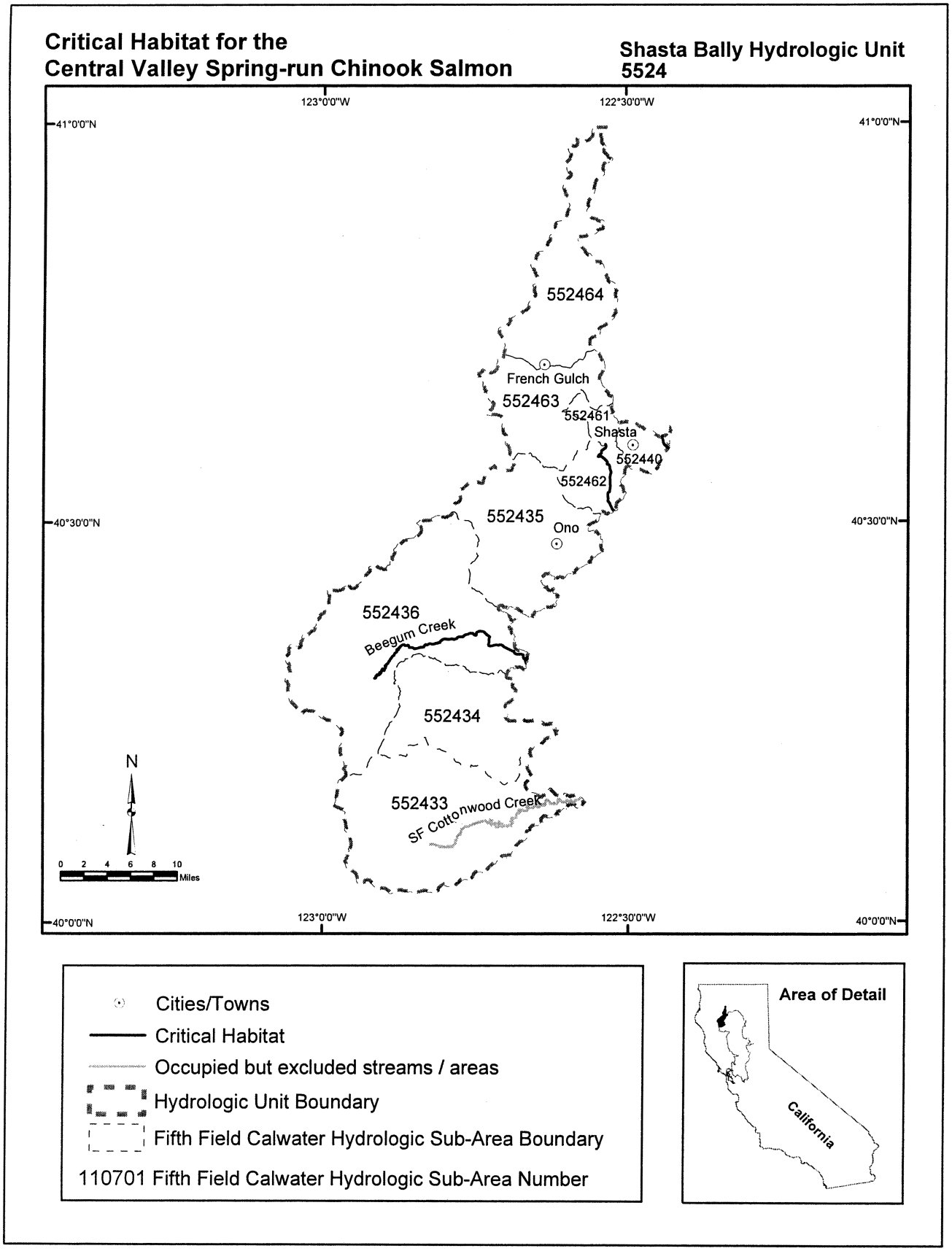

Critical Habitat for the
Central Valley Spring-run Chinook Salmon
Marysville Hydrologic Unit
5515
122°0'0"W
121°30'0"W
39°30'0"N
39°0'0"N
Oroville
Feather River
551540
Honcut
Yuba River
Marysville
551530
Wheatland
551510
Bear River
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California


Critical Habitat for the
Central Valley Spring-run Chinook Salmon
Yuba River Hydrologic Unit
5517
121°0'0"W
39°30'0"N
39°30'0"N
551760
551713
Dobbins
551714
Loma Rica
551712
Nevada City
Dry Creek
Yuba River
Deer Creek
551720
Smartville
N
0 1 2 3 4 5
Miles
121°30'0"W
121°0'0"W
Cities/Towns
Critical Habitat
Occupied but excluded streams / areas
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California


Critical Habitat for the
Central Valley Spring-run Chinook Salmon
Valley-American Hydrologic Unit
5519
121°30'0"W
121°0'0"W
39°0'0"N
38°30'0"N
551922
Olivehurst
Feather River
551922
Roseville
Sacramento River
551921
Carmichael
Sacramento
American R
551912
Elk Grove
551911
N
0 2.5 5 7.5 10 12.5
Miles
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California


Critical Habitat for the
Central Valley Spring-run Chinook Salmon
Colusa Basin Hydrologic Unit
5520
122°30'0"W
122°0'0"W
121°30'0"W
39°30'0"N
39°0'0"N
Orland
Chico
552022
552040
Willows
Gridley
552021
Butte Creek
Colusa
552030
Williams
Yuba City
Sacramento River
Sutter Bypass
Tisdale
Bypass
552010
N
0 2 4 6 8 10
Miles
Knights Landing
Yolo
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California


Critical Habitat for the
Central Valley Spring-run Chinook Salmon
Butte Creek Hydrologic Unit
5521
121°30'0"W
40°0'0"N
40°0'0"N
552130
552120
Butte Creek
Paradise
552110
N
0 2 4 6 8 10
Miles
121°30'0"W
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California



BILLING CODE 3510–22–C

(l) *Central Valley steelhead (O. mykiss).* Critical habitat is designated to include the areas defined in the following CALWATER Hydrologic Units:

(1) Tehama Hydrologic Unit 5504—(i) *Lower Stony Creek Hydrologic Sub-area 550410.* Outlet(s) = Stony Creek (Lat 39.6760, Long –121.9732) upstream to endpoint(s) in: Stony Creek (39.8199, –122.3391).

(ii) Red Bluff Hydrologic Sub-area 550420. Outlet(s) = Sacramento River (Lat 39.6998, Long –121.9419) upstream to endpoint(s) in: Antelope Creek (40.2023, –122.1272); Big Chico Creek (39.7757, –121.7525); Blue Tent Creek (40.2166, –122.2362); Burch Creek (39.8495, –122.1615); Butler Slough (40.1579, –122.1320); Craig Creek (40.1617, –122.1350); Deer Creek (40.0144, –121.9481); Dibble Creek (40.2002, –122.2421); Dye Creek (40.0910, –122.0719); Elder Creek (40.0438, –122.2133); Lindo Channel (39.7623, –121.7923); McClure Creek (40.0074, –122.1723); Mill Creek (40.0550, –122.0317); Mud Creek (39.7985, –121.8803); New Creek (40.1873, –122.1350); Oat Creek (40.0769, –122.2168); Red Bank Creek (40.1421, –122.2399); Rice Creek (39.8495, –122.1615); Rock Creek (39.8034, –121.9403); Salt Creek (40.1572, –122.1646); Thomes Creek (39.8822, –122.5527); Unnamed Tributary (40.1867, –122.1353); Unnamed Tributary (40.1682, –122.1459); Unnamed Tributary (40.1143, –122.1259); Unnamed Tributary (40.0151, –122.1148); Unnamed Tributary (40.0403, –122.1009); Unnamed Tributary (40.0514, –122.0851); Unnamed Tributary (40.0530, –122.0769).

(2) Whitmore Hydrologic Unit 5507—(i) *Inks Creek Hydrologic Sub-area 550711.* Outlet(s) = Inks Creek (Lat 40.3305, Long –122.1520) upstream to endpoint(s) in: Inks Creek (40.3418, –122.1332).

(ii) *Battle Creek Hydrologic Sub-area 550712.* Outlet(s) = Battle Creek (Lat 40.4083, Long –122.1102) upstream to endpoint(s) in: Baldwin Creek (40.4369, –121.9885); Battle Creek (40.4228, –121.9975); Brush Creek (40.4913, –121.8664); Millseat Creek (40.4808, –121.8526); Morgan Creek (40.3654, –121.9132); North Fork Battle Creek (40.4877, –121.8185); Panther Creek (40.3897, –121.6106); South Ditch (40.3997, –121.9223); Ripley Creek (40.4099, –121.8683); Soap Creek (40.3904, –121.7569); South Fork Battle Creek (40.3531, –121.6682); Unnamed Tributary (40.3567, –121.8293); Unnamed Tributary (40.4592, –121.8671).

(iii) *Ash Creek Hydrologic Sub-area 550721.* Outlet(s) = Ash Creek (Lat 40.4401, Long –122.1375) upstream to endpoint(s) in: Ash Creek (40.4628, –122.0066).

(iv) *Inwood Hydrologic Sub-area 550722.* Outlet(s) = Ash Creek (Lat 40.4628, Long –122.0066); Bear Creek (40.4352, –122.2039) upstream to endpoint(s) in: Ash Creek (40.4859, –121.8993); Bear Creek (40.5368, –121.9560); North Fork Bear Creek (40.5736, –121.8683).

(v) *South Cow Creek Hydrologic Sub-area 550731.* Outlet(s) = South Cow Creek (Lat 40.5438, Long –122.1318) upstream to endpoint(s) in: South Cow Creek (40.6023, –121.8623).

(vi) *Old Cow Creek Hydrologic Sub-area 550732.* Outlet(s) = Clover Creek (Lat 40.5788, Long –122.1252); Old Cow Creek (40.5442, –122.1317) upstream to endpoint(s) in: Clover Creek (40.6305, –122.0304); Old Cow Creek (40.6295, –122.9619).

(vii) *Little Cow Creek Hydrologic Sub-area 550733.* Outlet(s) = Little Cow Creek (Lat 40.6148, –122.2271); Oak Run Creek (40.6171, –122.1225) upstream to endpoint(s) in: Little Cow Creek (40.7114, –122.0850); Oak Run Creek (40.6379, –122.0856).

(3) Redding Hydrologic Unit 5508—(i) *Enterprise Flat Hydrologic Sub-area 550810.* Outlet(s) = Sacramento River (Lat 40.2526, Long –122.1707) upstream to endpoint(s) in: Ash Creek (40.4401, –122.1375); Battle Creek (40.4083, –122.1102); Bear Creek (40.4360, –122.2036); Calaboose Creek (40.5742, –122.4142); Canyon Creek (40.5532, –122.3814); Churn Creek (40.5986, –122.3418); Clear Creek (40.5158, –122.5256); Clover Creek (40.5788, –122.1252); Cottonwood Creek (40.3777, –122.1991); Cow Creek (40.5437, –122.1318); East Fork Stillwater Creek (40.6495, –122.2934); Inks Creek (40.3305, –122.1520); Jenny Creek (40.5734, –122.4338); Little Cow Creek (40.6148, –122.2271); Oak Run (40.6171, –122.1225); Old Cow Creek (40.5442, –122.1317); Olney Creek (40.5439, –122.4687); Oregon Gulch (40.5463, –122.3866); Paynes Creek (40.3024, –122.1012); Stillwater Creek (40.6495, –122.2934); Sulphur Creek (40.6164, –122.4077).

(ii) *Lower Cottonwood Hydrologic Sub-area 550820.* Outlet(s) = Cottonwood Creek (Lat 40.3777, Long –122.1991) upstream to endpoint(s) in: Cold Fork Cottonwood Creek (40.2060, –122.6608); Cottonwood Creek (40.3943, –122.5254); Middle Fork Cottonwood Creek (40.3314, –122.6663); North Fork Cottonwood Creek (40.4539, –122.5610); South Fork Cottonwood Creek (40.1578, –122.5809).

(4) Eastern Tehama Hydrologic Unit 5509—(i) *Big Chico Creek Hydrologic Sub-area 550914.* Outlet(s) = Big Chico Creek (Lat 39.7757, Long –121.7525) upstream to endpoint(s) in: Big Chico Creek (39.8898, –121.6952).

(ii) *Deer Creek Hydrologic Sub-area 550920.* Outlet(s) = Deer Creek (Lat 40.0142, Long –121.9476) upstream to endpoint(s) in: Deer Creek (40.2025, –121.5130).

(iii) *Upper Mill Creek Hydrologic Sub-area 550942.* Outlet(s) = Mill Creek (Lat 40.0550, Long –122.0317) upstream to endpoint(s) in: Mill Creek (40.3766, –121.5098); Rocky Gulch Creek (40.2888, –121.5997).

(iv) *Dye Creek Hydrologic Sub-area 550962.* Outlet(s) = Dye Creek (Lat 40.0910, Long –122.0719) upstream to endpoint(s) in: Dye Creek (40.0996, –121.9612).

(v) *Antelope Creek Hydrologic Sub-area 550963.* Outlet(s) = Antelope Creek (Lat 40.2023, Long –122.1272) upstream to endpoint(s) in: Antelope Creek (40.2416, –121.8630); Middle Fork Antelope Creek (40.2673, –121.7744); North Fork Antelope Creek (40.2807, –121.7645); South Fork Antelope Creek (40.2521, –121.7575).

(5) Sacramento Delta Hydrologic Unit 5510—*Sacramento Delta Hydrologic Sub-area 551000.* Outlet(s) = Sacramento River (Lat 38.0653, Long –121.8418) upstream to endpoint(s) in: Cache Slough (38.2984, –121.7490); Elk Slough (38.4140, –121.5212); Elkhorn Slough (38.2898, –121.6271); Georgiana Slough (38.2401, –121.5172); Horseshoe Bend (38.1078, –121.7117); Lindsey Slough (38.2592, –121.7580); Miners Slough (38.2864, –121.6051); Prospect Slough (38.2830, –121.6641); Putah Creek (38.5155, –121.5885); Sevenmile Slough (38.1171, –121.6298); Streamboat Slough (38.3052, –121.5737); Sutter Slough (38.3321, –121.5838); Threemile Slough (38.1155, –121.6835); Ulatis Creek (38.2961, –121.7835); Unnamed Tributary (38.2937, –121.7803); Unnamed Tributary (38.2937, –121.7804); Yolo Bypass (38.5800, –121.5838).

(6) Valley-Putah-Cache Hydrologic Unit 5511—*Lower Putah Creek Hydrologic Sub-area 551120.* Outlet(s) = Sacramento Bypass (Lat 38.6057, Long –121.5563); Yolo Bypass (38.5800, –121.5838) upstream to endpoint(s) in: Sacramento Bypass (38.5969, –121.5888); Yolo Bypass (38.7627, –121.6325).

(7) American River Hydrologic Unit 5514—*Auburn Hydrologic Sub-area 551422.* Outlet(s) = Auburn Ravine (Lat 38.8921, Long –121.2181); Coon Creek (38.9891, –121.2556); Doty Creek (38.9401, –121.2434) upstream to

endpoint(s) in: Auburn Ravine (38.8888, –121.1151); Coon Creek (38.9659, –121.1781); Doty Creek (38.9105, –121.1244).

(8) Marysville Hydrologic Unit 5515—(i) *Lower Bear River Hydrologic Sub-area 551510.* Outlet(s) = Bear River (Lat 39.9398, Long –121.5790) upstream to endpoint(s) in: Bear River (39.0421, –121.3319).

(ii) *Lower Yuba River Hydrologic Sub-area 551530.* Outlet(s) = Yuba River (Lat 39.1270, Long –121.5981) upstream to endpoint(s) in: Yuba River (39.2203, –121.3314).

(iii) *Lower Feather River Hydrologic Sub-area 551540.* Outlet(s) = Feather River (Lat 39.1264, Long –121.5984) upstream to endpoint(s) in: Feather River (39.5205, –121.5475).

(9) Yuba River Hydrologic Unit 5517—(i) *Browns Valley Hydrologic Sub-area 551712.* Outlet(s) = Dry Creek (Lat 39.2215, Long –1121.4082); Yuba River (39.2203, –1121.3314) upstream to endpoint(s) in: Dry Creek (39.3232, Long –1121.3155); Yuba River (39.2305, –1121.2813).

(ii) *Englebright Hydrologic Sub-area 551714.* Outlet(s) = Yuba River (Lat 39.2305, Long –1121.2813) upstream to endpoint(s) in: Yuba River (39.2399, –1121.2689).

(10) Valley American Hydrologic Unit 5519—(i) *Lower American Hydrologic Sub-area 551921.* Outlet(s) = American River (Lat 38.5971, –1121.5088) upstream to endpoint(s) in: American River (38.6373, –1121.2202); Dry Creek (38.7554, –1121.2676); Miner's Ravine (38.8429, –1121.1178); Natomas East Main Canal (38.6646, –1121.4770); Secret Ravine(38.8541, –1121.1223).

(ii) *Pleasant Grove Hydrologic Sub-area 551922.* Outlet(s) = Sacramento River (Lat 38.6026, Long –1121.5155) upstream to endpoint(s) in: Auburn Ravine (38.8913, –1121.2424); Coon Creek (38.9883, –1121.2609); Doty Creek (38.9392, –1121.2475); Feather River (39.1264, –1121.5984).

(11) Colusa Basin Hydrologic Unit 5520—(i) *Sycamore-Sutter Hydrologic Sub-area 552010.* Outlet(s) = Sacramento River (Lat 38.7604, Long –1121.6767) upstream to endpoint(s) in: Tisdale Bypass (39.0261, –1121.7456).

(ii) *Sutter Bypass Hydrologic Sub-area 552030.* Outlet(s) = Sacramento River (Lat 38.7851, Long –1121.6238) upstream to endpoint(s) in: Butte Creek (39.1990, –1121.9286); Butte Slough (39.1987, –1121.9285); Nelson Slough (38.8956, –1121.6180); Sacramento Slough (38.7844, –1121.6544); Sutter Bypass (39.1586, –1121.8747).

(iii) *Butte Basin Hydrologic Sub-area 552040.* Outlet(s) = Butte Creek (Lat 39.1990, Long –1121.9286); Sacramento River (39.4141, –1122.0087) upstream to endpoint(s) in: Butte Creek (39.7096, –1121.7504); Colusa Bypass (39.2276, –1121.9402); Little Chico Creek (39.7380, –1121.7490); Little Dry Creek (39.6781, –1121.6580).

(12) Butte Creek Hydrologic Unit 5521—(i) *Upper Dry Creek Hydrologic Sub-area 552110.* Outlet(s) = Little Dry Creek (Lat 39.6781, –1121.6580) upstream to endpoint(s) in: Little Dry Creek (39.7424, –1121.6213).

(ii) *Upper Butte Creek Hydrologic Sub-area 552120.* Outlet(s) = Little Chico Creek (Lat 39.7380, Long –1121.7490) upstream to endpoint(s) in: Little Chico Creek (39.8680, –1121.6660).

(iii) *Upper Little Chico Hydrologic Sub-area 552130.* Outlet(s) = Butte Creek (Lat 39.7096, Long –1121.7504) upstream to endpoint(s) in: Butte Creek (39.8215, –1121.6468); Little Butte Creek (39.8159, –1121.5819).

(13) Ball Mountain Hydrologic Unit 5523—*Thomes Creek Hydrologic Sub-area 552310.* Outlet(s) = Thomes Creek (39.8822, –1122.5527) upstream to endpoint(s) in: Doll Creek (39.8941, –1122.9209); Fish Creek (40.0176, –1122.8142); Snake Creek (39.9945, –1122.7788); Thomes Creek (39.9455, –1122.8491); Willow Creek (39.8941, –1122.9209).

(14) Shasta Bally Hydrologic Unit 5524—(i) *South Fork Hydrologic Sub-area 552433.* Outlet(s) = Cold Fork Cottonwood Creek (Lat 40.2060, Long –1122.6608); South Fork Cottonwood Creek (40.1578, –1122.5809) upstream to endpoint(s) in: Cold Fork Cottonwood Creek (40.1881, –1122.8690); South Fork Cottonwood Creek (40.1232, –1122.8761).

(ii) *Platina Hydrologic Sub-area 552436.* Outlet(s) = Middle Fork Cottonwood Creek (Lat 40.3314, Long –1122.6663) upstream to endpoint(s) in: Beegum Creek (40.3149, –1122.9776): Middle Fork Cottonwood Creek (40.3512, –1122.9629).

(iii) *Spring Creek Hydrologic Sub-area 552440.* Outlet(s) = Sacramento River (Lat 40.5943, Long –1122.4343) upstream to endpoint(s) in: Middle Creek (40.5904, –1121.4825); Rock Creek (40.6155, –1122.4702); Sacramento River (40.6116, –1122.4462); Salt Creek (40.5830, –1122.4586); Unnamed Tributary (40.5734, –1122.4844).

(iv) *Kanaka Peak Hydrologic Sub-area 552462.* Outlet(s) = Clear Creek (Lat 40.5158, Long –1122.5256) upstream to endpoint(s) in: Clear Creek (40.5998, 122.5399).

(15) North Valley Floor Hydrologic Unit 5531—(i) *Lower Mokelumne Hydrologic Sub-area 553120.* Outlet(s) = Mokelumne River (Lat 38.2104, Long –1121.3804) upstream to endpoint(s) in: Mokelumne River (38.2263, –1121.0241); Murphy Creek (38.2491, –1121.0119).

(ii) *Lower Calaveras Hydrologic Sub-area 553130.* Outlet(s) = Calaveras River (Lat 37.9836, Long –1121.3110); Mormon Slough (37.9456,-121.2907) upstream to endpoint(s) in: Calaveras River (38.1025, –1120.8503); Mormon Slough (38.0532, –1121.0102); Stockton Diverting Canal (37.9594, –1121.2024).

(16) Upper Calaveras Hydrologic Unit 5533—*New Hogan Reservoir Hydrologic Sub-area 553310.* Outlet(s) = Calaveras River (Lat 38.1025, Long –1120.8503) upstream to endpoint(s) in: Calaveras River (38.1502, –1120.8143).

(17) Stanislaus River Hydrologic Unit 5534—*Table Mountain Hydrologic Sub-area 553410.* Outlet(s) = Stanislaus River (Lat 37.8355, Long –1120.6513) upstream to endpoint(s) in: Stanislaus River (37.8631, –1120.6298).

(18) San Joaquin Valley Floor Hydrologic Unit 5535—(i) *Riverbank Hydrologic Sub-area 553530.* Outlet(s) = Stanislaus River (Lat 37.6648, Long –1121.2414) upstream to endpoint(s) in: Stanislaus River (37.8355, –1120.6513).

(ii) *Turlock Hydrologic Sub-area 553550.* Outlet(s) = Tuolumne River (Lat 37.6059, Long –1121.1739) upstream to endpoint(s) in: Tuolumne River (37.6401, –1120.6526).

(iii) *Montpelier Hydrologic Sub-area 553560.* Outlet(s) = Tuolumne River (Lat 37.6401, Long –1120.6526) upstream to endpoint(s) in: Tuolumne River (37.6721, –1120.4445).

(iv) *El Nido-Stevinson Hydrologic Sub-area 553570.* Outlet(s) = Merced River (Lat 37.3505, Long –1120.9619) upstream to endpoint(s) in: Merced River (37.3620, –1120.8507).

(v) *Merced Hydrologic Sub-area 553580.* Outlet(s) = Merced River (Lat 37.3620, Long –1120.8507) upstream to endpoint(s) in: Merced River (37.4982, –1120.4612).

(vi) *Fahr Creek Hydrologic Sub-area 553590.* Outlet(s) = Merced River (Lat 37.4982, Long –1120.4612) upstream to endpoint(s) in: Merced River (37.5081, –1120.3581).

(19) Delta-Mendota Canal Hydrologic Unit 5541—(i) *Patterson Hydrologic Sub-area 554110.* Outlet(s) = San Joaquin River (Lat 37.6763, Long –1121.2653) upstream to endpoint(s) in: San Joaquin River (37.3491, –1120.9759).

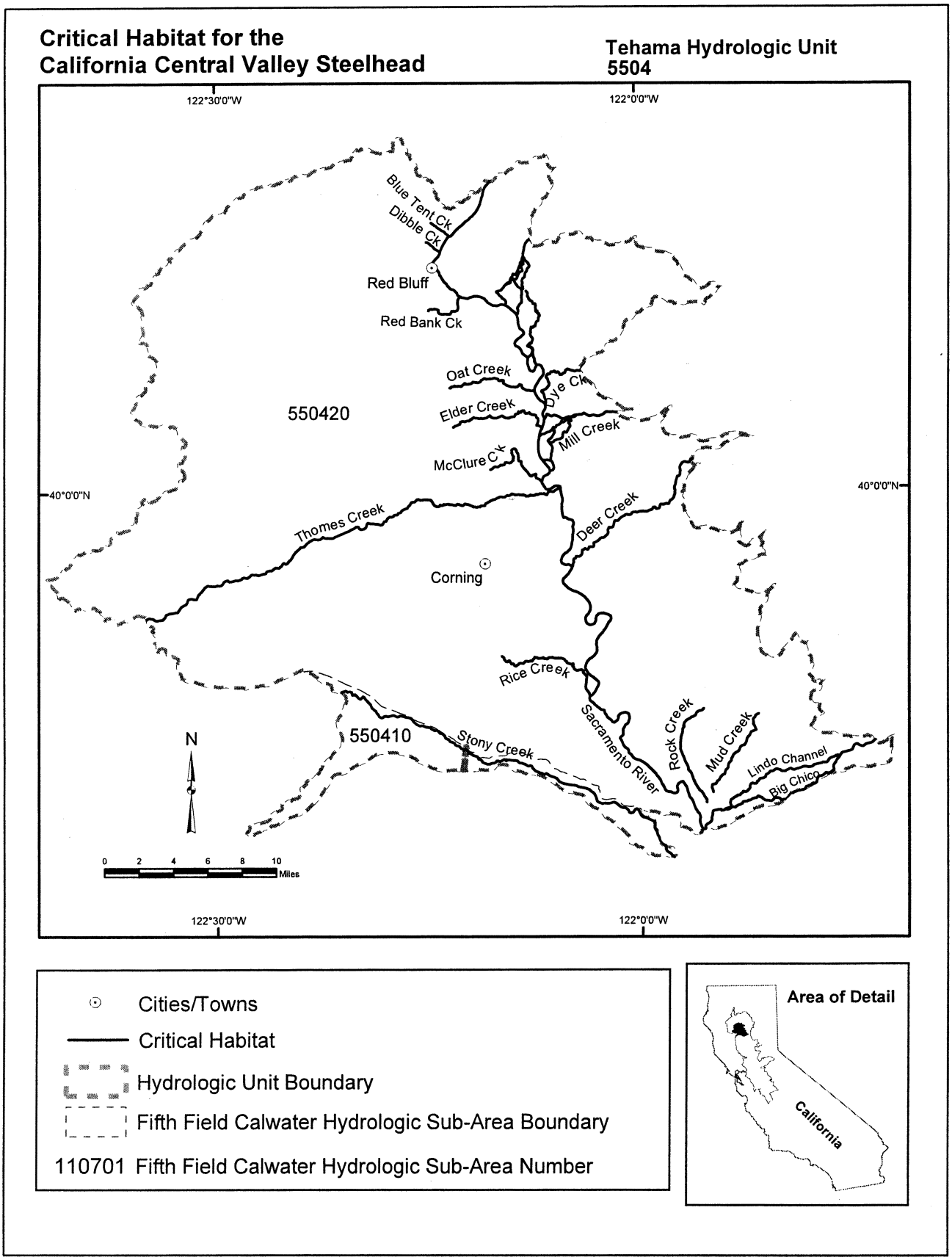
(ii) *Los Banos Hydrologic Sub-area 554120.* Outlet(s) = Merced River (Lat 37.3490, Long –1120.9756) upstream to endpoint(s) in: Merced River (37.3505, –1120.9619).

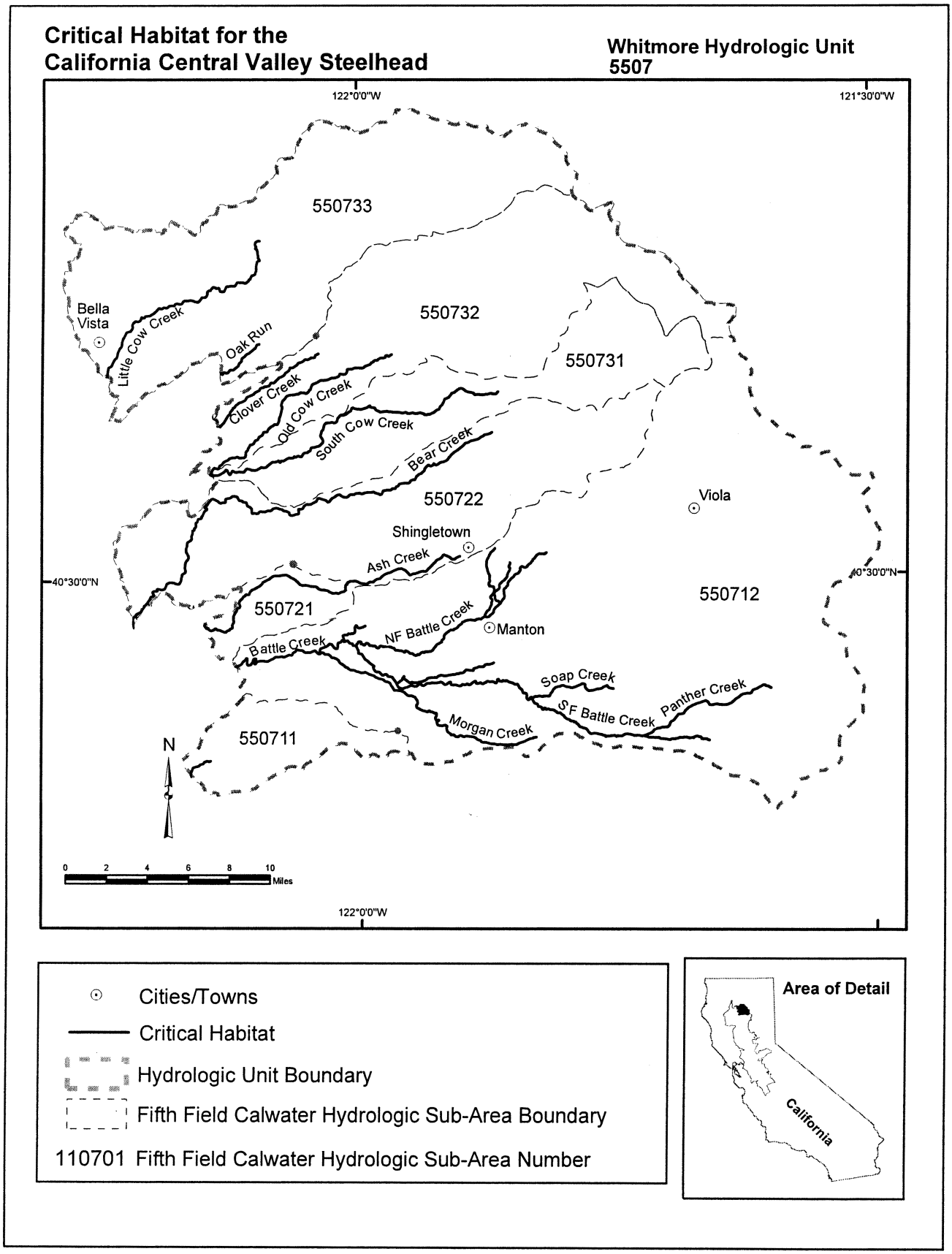
(20) North Diablo Range Hydrologic Unit 5543—*North Diablo Range Hydrologic Sub-area 554300.* Outlet(s) = San Joaquin River (Lat 38.0247, Long –1121.8218) upstream to endpoint(s) in: San Joaquin River (38.0246, –1121.7471).

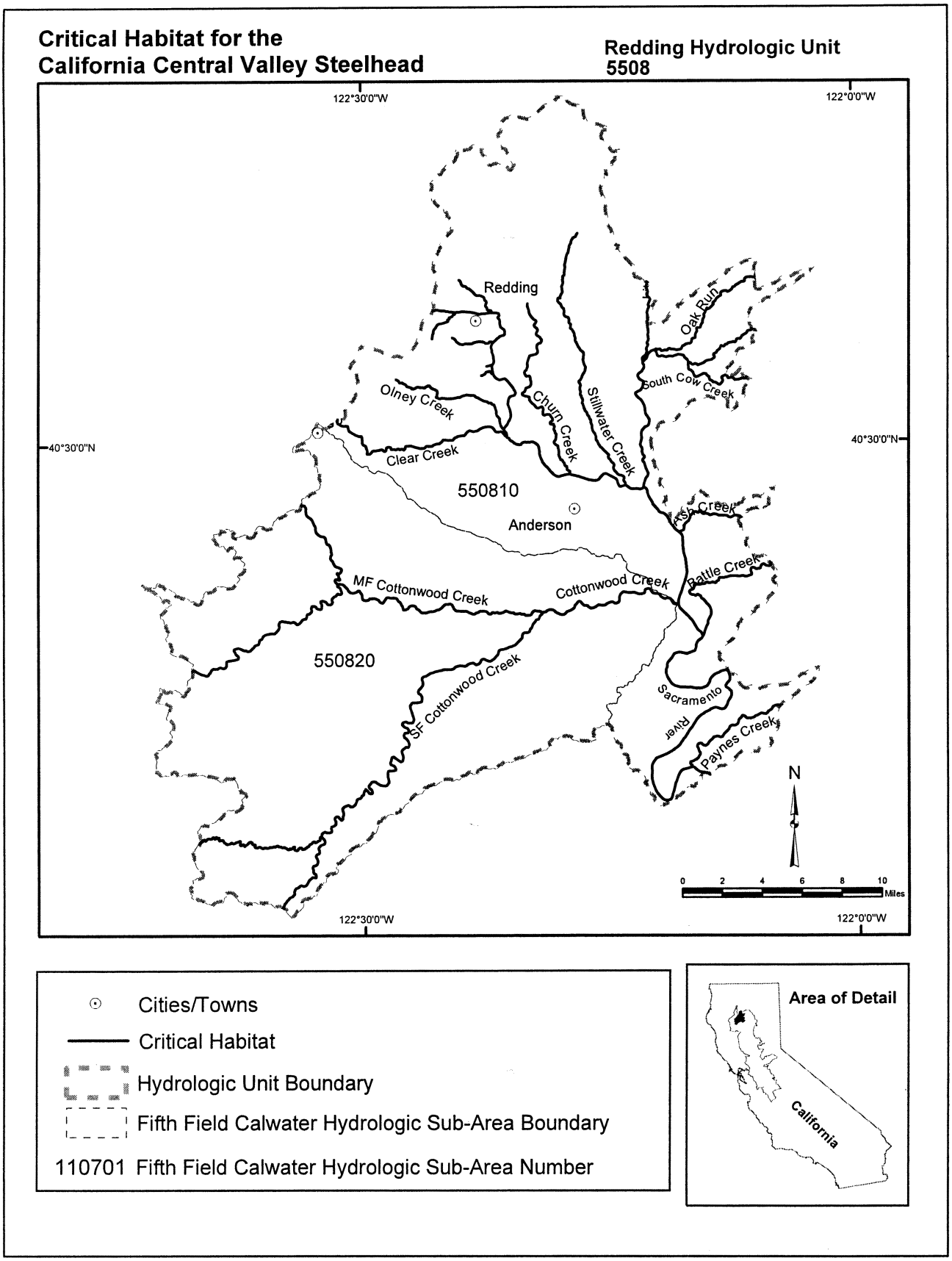
(21) San Joaquin Delta Hydrologic Unit 5544—*San Joaquin Delta Hydrologic Sub-area 554400.* Outlet(s) = San Joaquin River (Lat 38.0246, Long –1121.7471) upstream to endpoint(s) in: Big Break (38.0160, –1121.6849); Bishop Cut (38.0870, –1121.4158); Calaveras River (37.9836, –1121.3110); Cosumnes River (38.2538, –1121.4074); Disappointment Slough (38.0439, –1121.4201); Dutch Slough (38.0088, –1121.6281); Empire Cut (37.9714, –1121.4762); False River (38.0479, –1121.6232); Frank's Tract (38.0220, –1121.5997); Frank's Tract (38.0300, –1121.5830); Holland Cut (37.9939, –1121.5757); Honker Cut (38.0680, –1121.4589); Kellog Creek (37.9158, –1121.6051); Latham Slough (37.9716, –1121.5122); Middle River (37.8216, –1121.3747); Mokelumne River (38.2104, –1121.3804); Mormon Slough (37.9456,-121.2907); Mosher Creek (38.0327, –1121.3650); North Mokelumne River (38.2274, –1121.4918); Old River (37.8086, –1121.3274); Orwood Slough (37.9409, –1121.5332); Paradise Cut (37.7605, –1121.3085); Pixley Slough (38.0443, –1121.3868); Potato Slough (38.0440, –1121.4997); Rock Slough (37.9754, –1121.5795); Sand Mound Slough (38.0220, –1121.5997); Stockton Deep Water Channel (37.9957, –1121.4201); Turner Cut (37.9972, –1121.4434); Unnamed Tributary (38.1165, –1121.4976); Victoria Canal (37.8891, –1121.4895); White Slough (38.0818, –1121.4156); Woodward Canal (37.9037, –1121.4973).

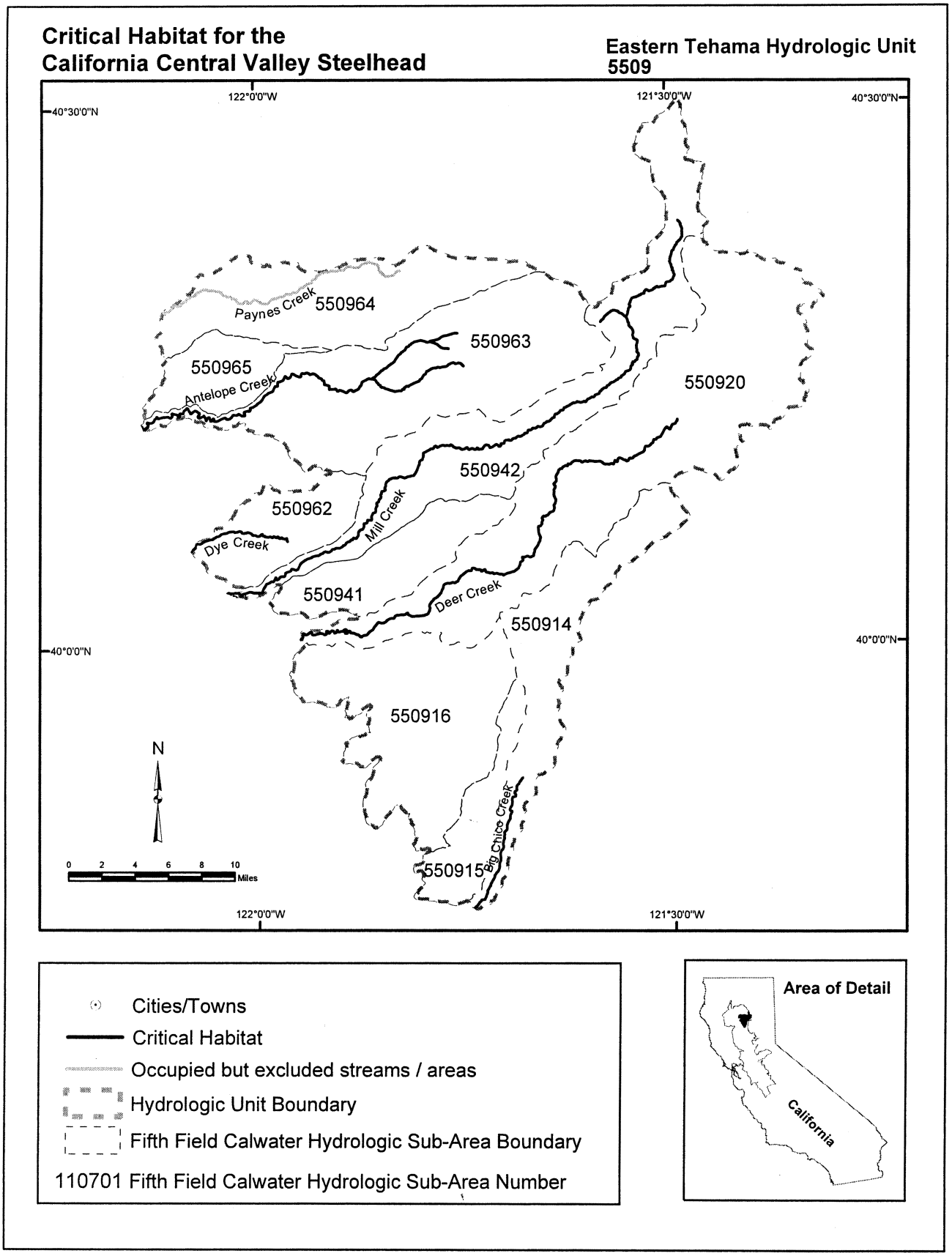
(22) Maps of critical habitat for the Central Valley Steelhead ESU follow:

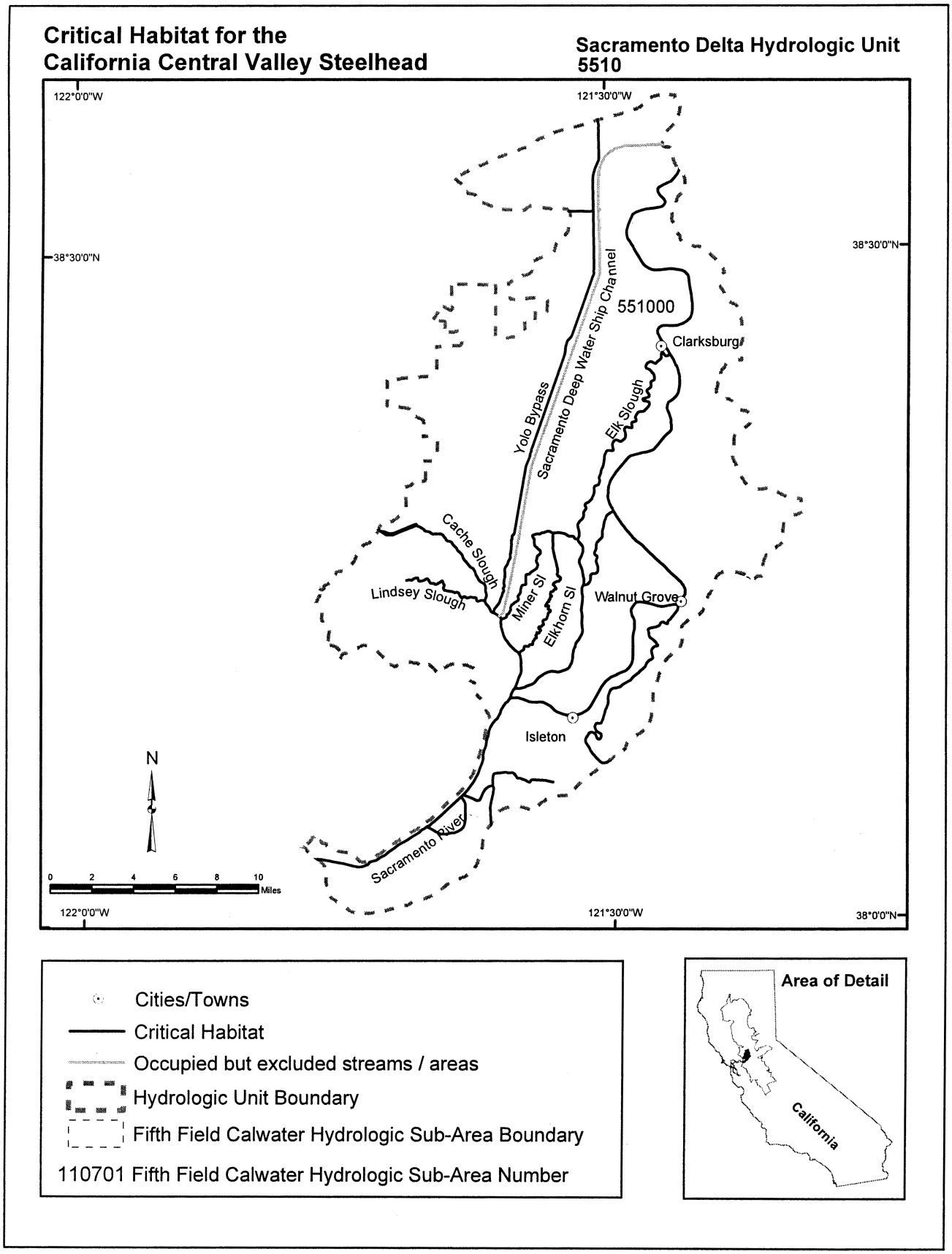
BILLING CODE 3510–22–P

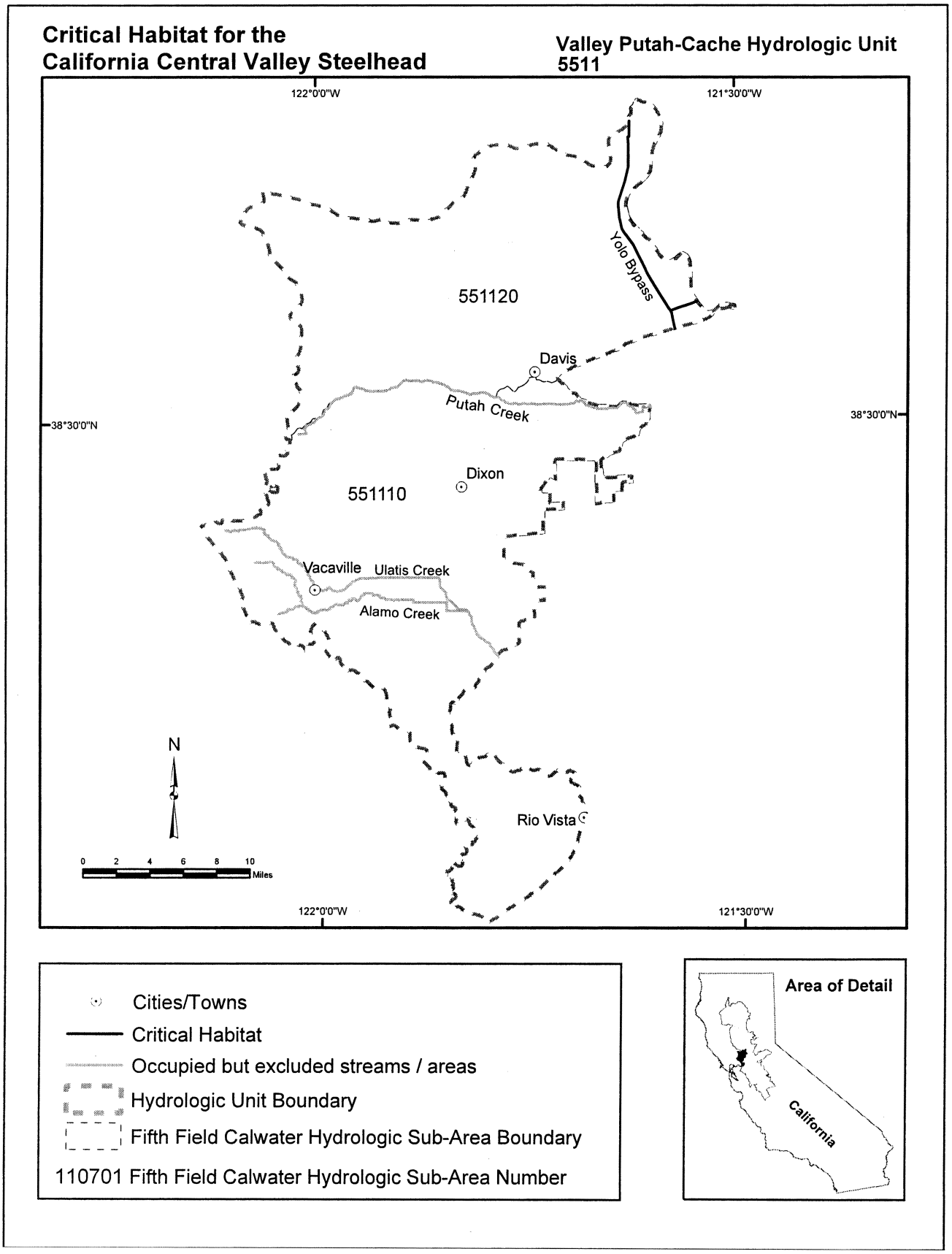

Critical Habitat for the
California Central Valley Steelhead
Tehama Hydrologic Unit
5504
122°30'0"W
122°0'0"W
40°0'0"N
Blue Tent Ck
Dibble Ck
Red Bluff
Red Bank Ck
Oat Creek
Dye Ck
Elder Creek
550420
Mill Creek
McClure Ck
Thomes Creek
Deer Creek
Corning
Rice Creek
Sacramento River
Rock Creek
Mud Creek
Lindo Channel
Big Chico
550410
Stony Creek
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

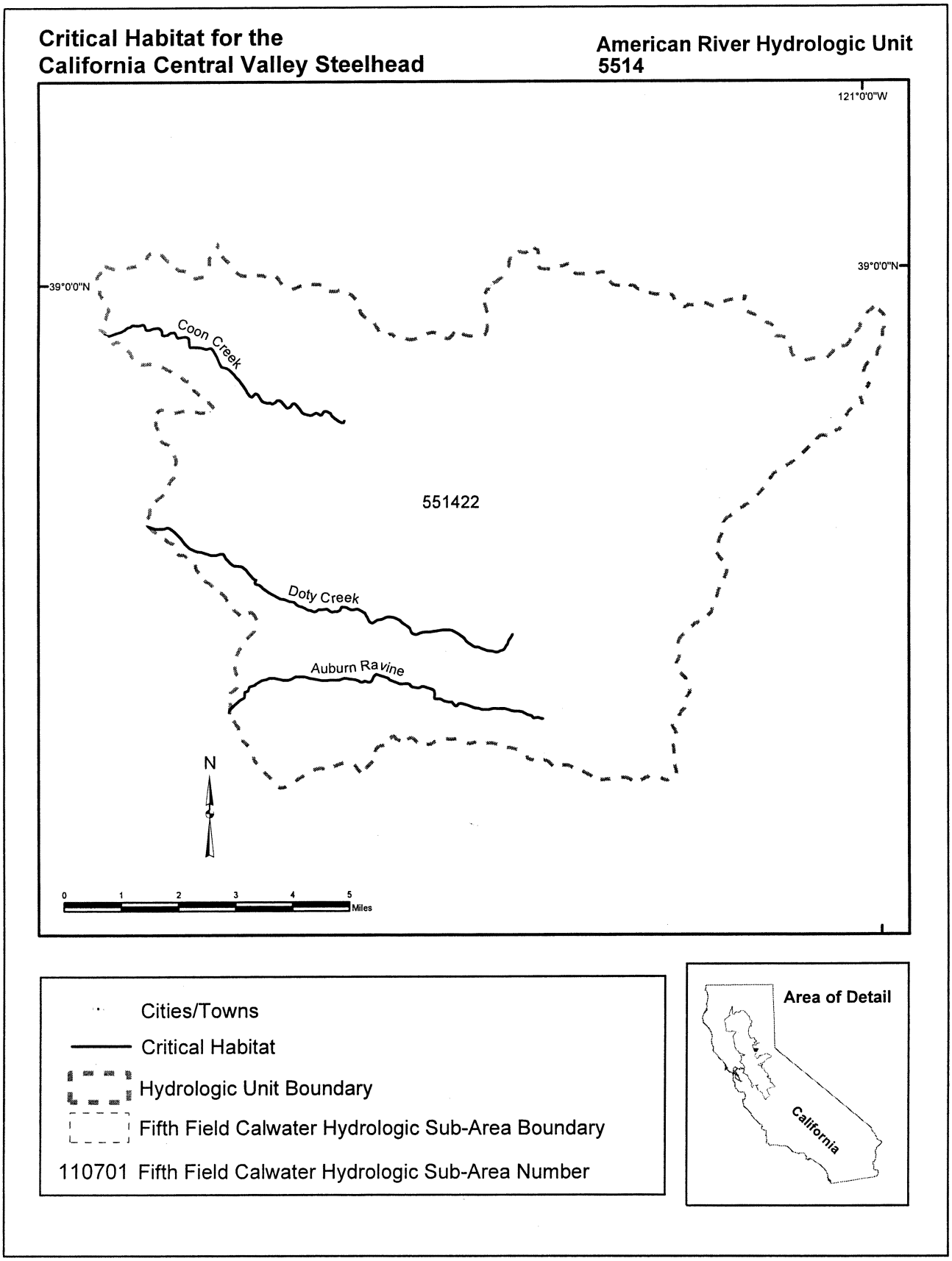

Critical Habitat for the
California Central Valley Steelhead
Whitmore Hydrologic Unit
5507
122°0'0"W
121°30'0"W
40°30'0"N
550733
550732
550731
550722
550721
550712
550711
Bella Vista
Little Cow Creek
Oak Run
Clover Creek
Old Cow Creek
South Cow Creek
Bear Creek
Viola
Shingletown
Ash Creek
NF Battle Creek
Manton
Battle Creek
Soap Creek
SF Battle Creek
Panther Creek
Morgan Creek
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

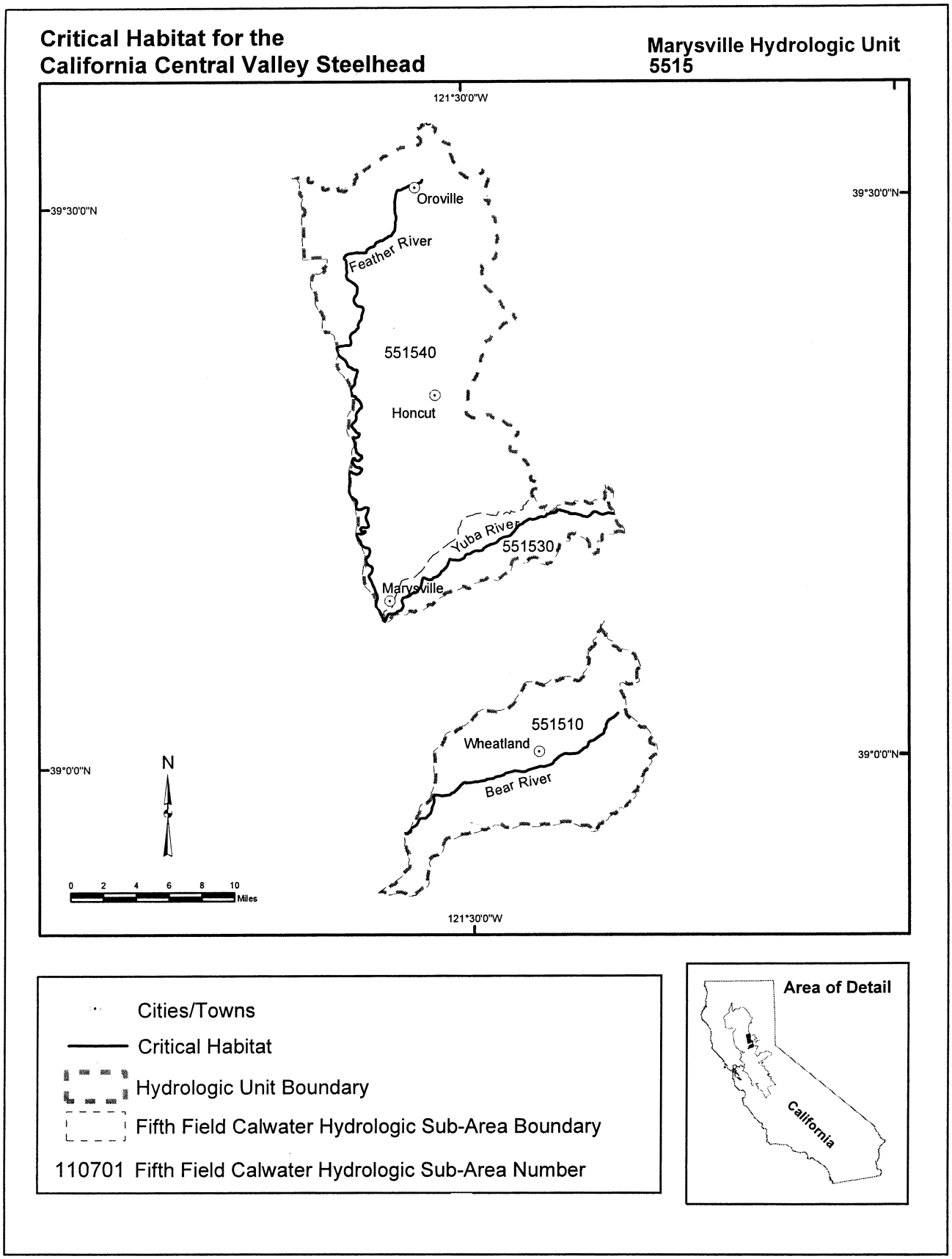

Critical Habitat for the
California Central Valley Steelhead
Redding Hydrologic Unit
5508
122°30'0"W
122°0'0"W
40°30'0"N
Redding
Oak Run
South Cow Creek
Olney Creek
Churn Creek
Stillwater Creek
Clear Creek
550810
Anderson
Cottonwood Creek
Battle Creek
MF Cottonwood Creek
550820
SF Cottonwood Creek
Sacramento River
Paynes Creek
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

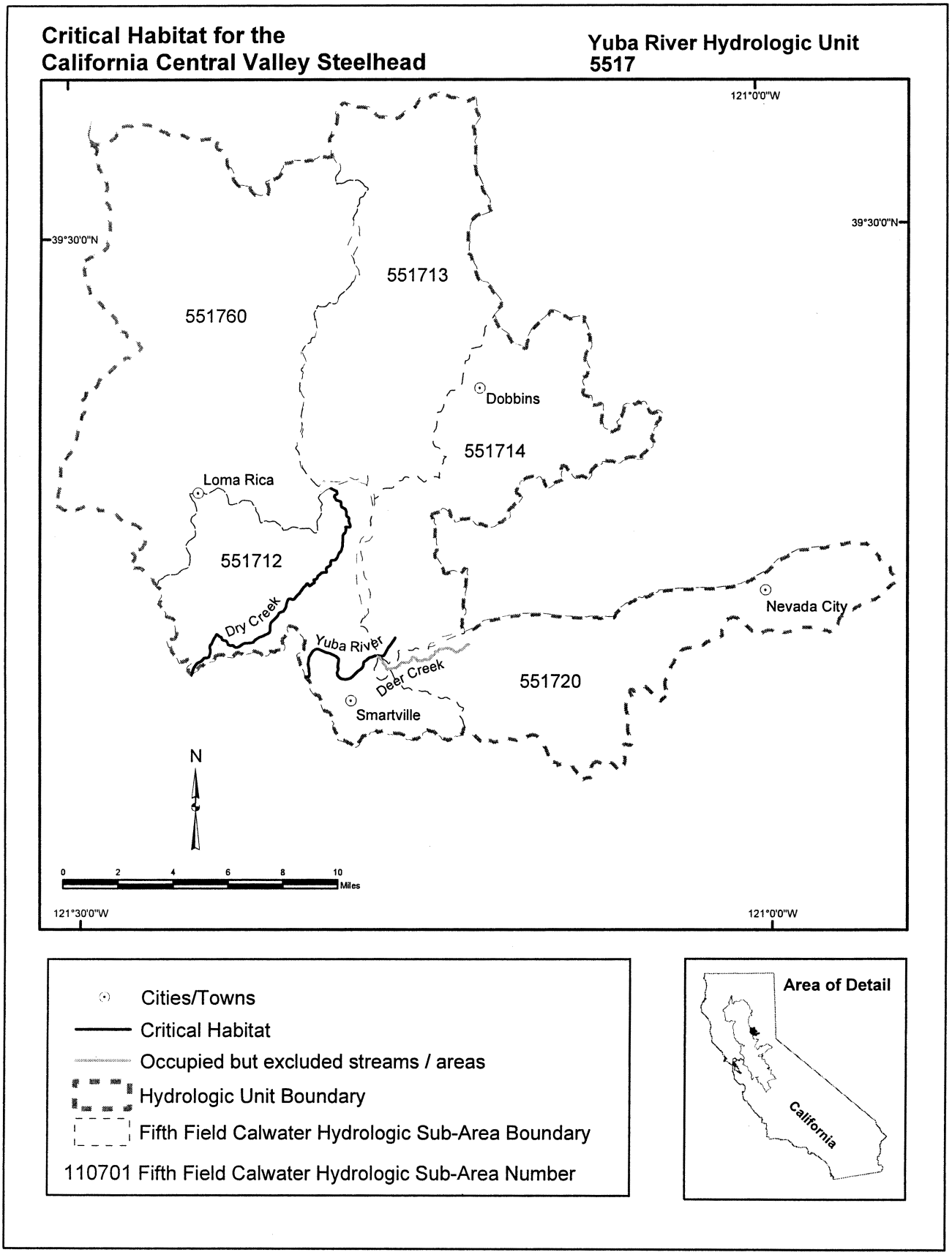

Critical Habitat for the
California Central Valley Steelhead
Eastern Tehama Hydrologic Unit
5509
122°0'0"W
121°30'0"W
40°30'0"N
40°0'0"N
Paynes Creek
550964
550963
550965
Antelope Creek
550920
550942
550962
Mill Creek
Dye Creek
550941
Deer Creek
550914
550916
Big Chico Creek
550915
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Occupied but excluded streams / areas
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

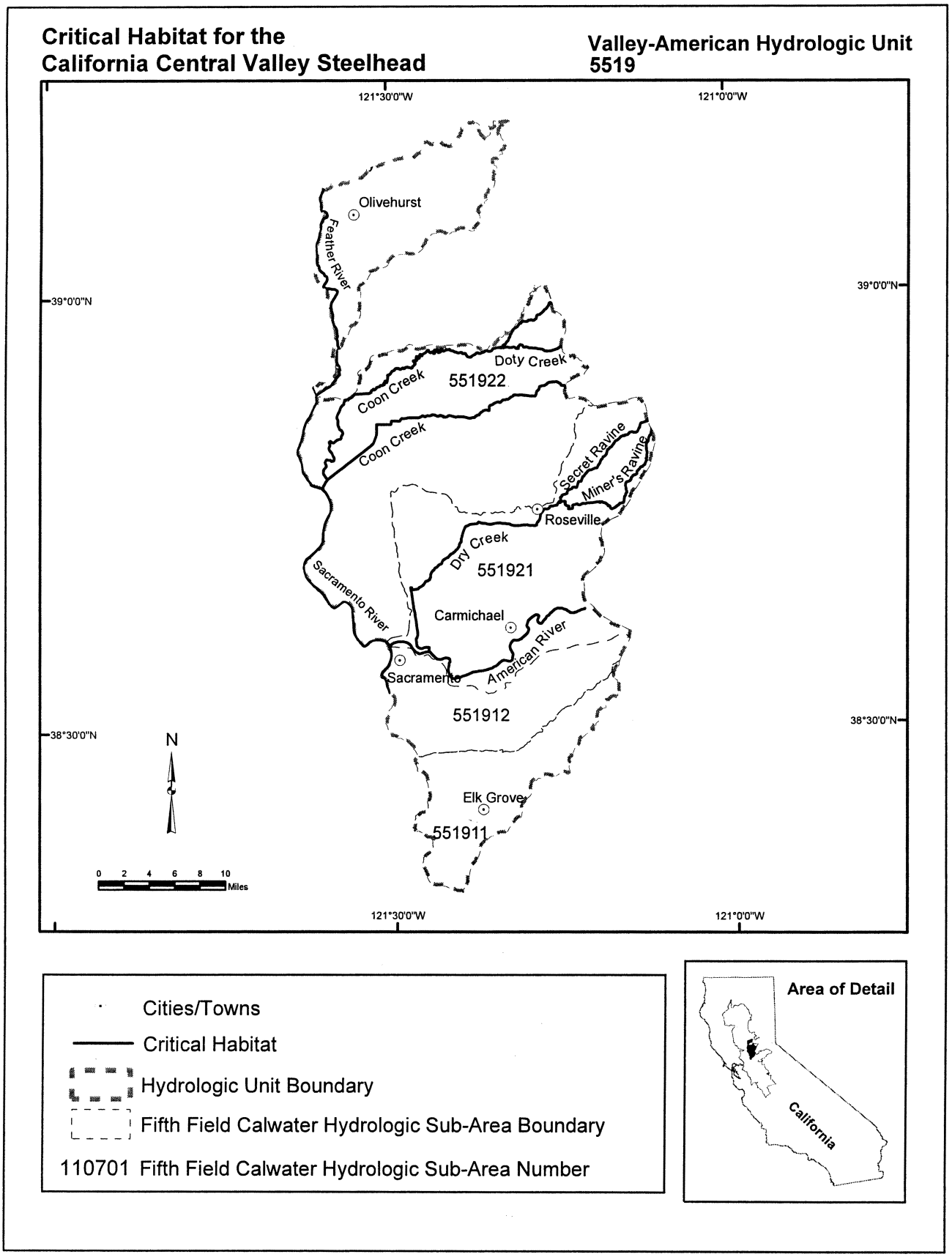

Critical Habitat for the
California Central Valley Steelhead
Sacramento Delta Hydrologic Unit
5510
122°0'0"W
121°30'0"W
38°30'0"N
38°0'0"N
551000
Clarksburg
Yolo Bypass
Sacramento Deep Water Ship Channel
Elk Slough
Cache Slough
Lindsey Slough
Miner Sl
Elkhorn Sl
Walnut Grove
Isleton
Sacramento River
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Occupied but excluded streams / areas
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

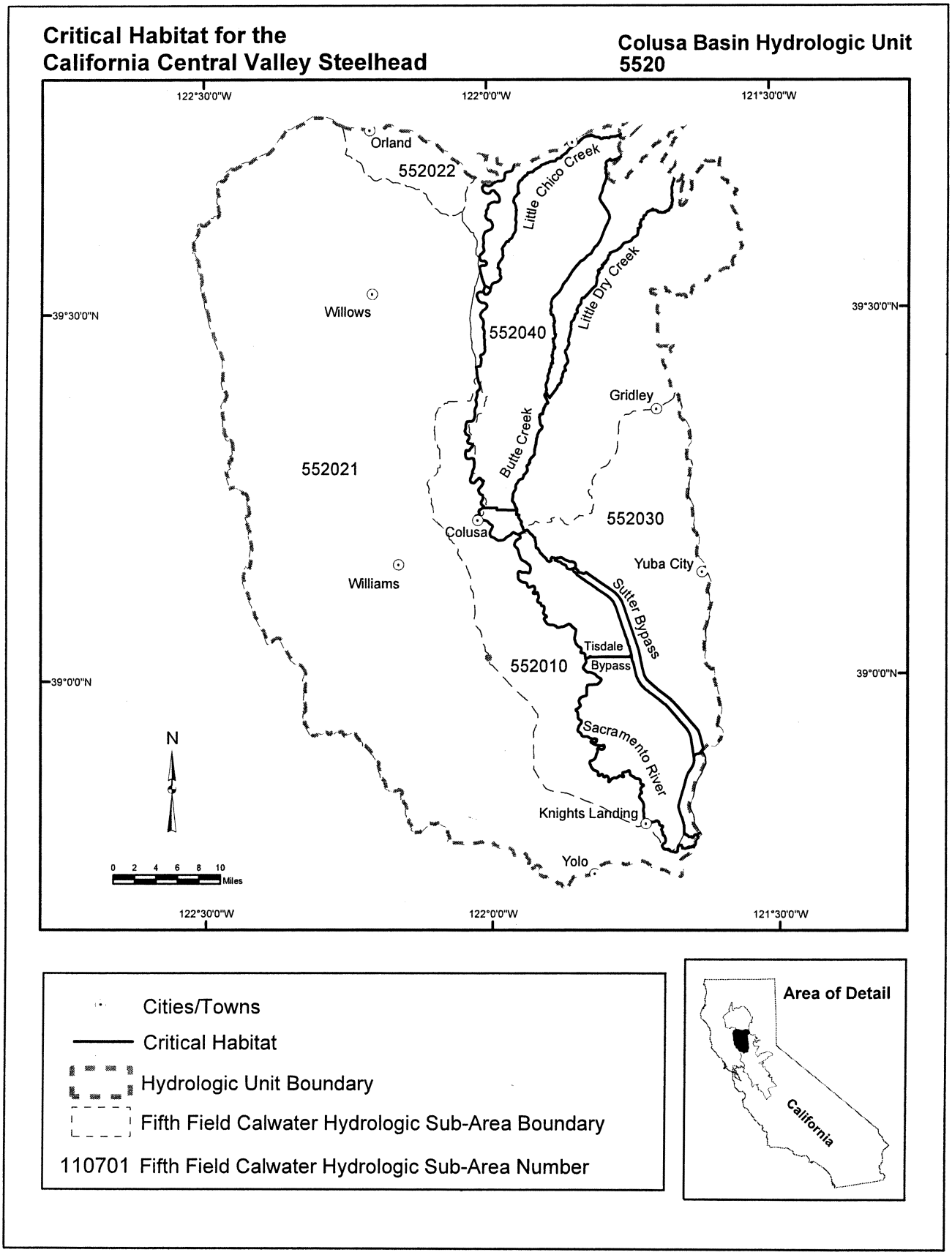

Critical Habitat for the
California Central Valley Steelhead
Valley Putah-Cache Hydrologic Unit
5511
122°0'0"W
121°30'0"W
38°30'0"N
Yolo Bypass
551120
Davis
Putah Creek
Dixon
551110
Vacaville
Ulatis Creek
Alamo Creek
Rio Vista
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Occupied but excluded streams / areas
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

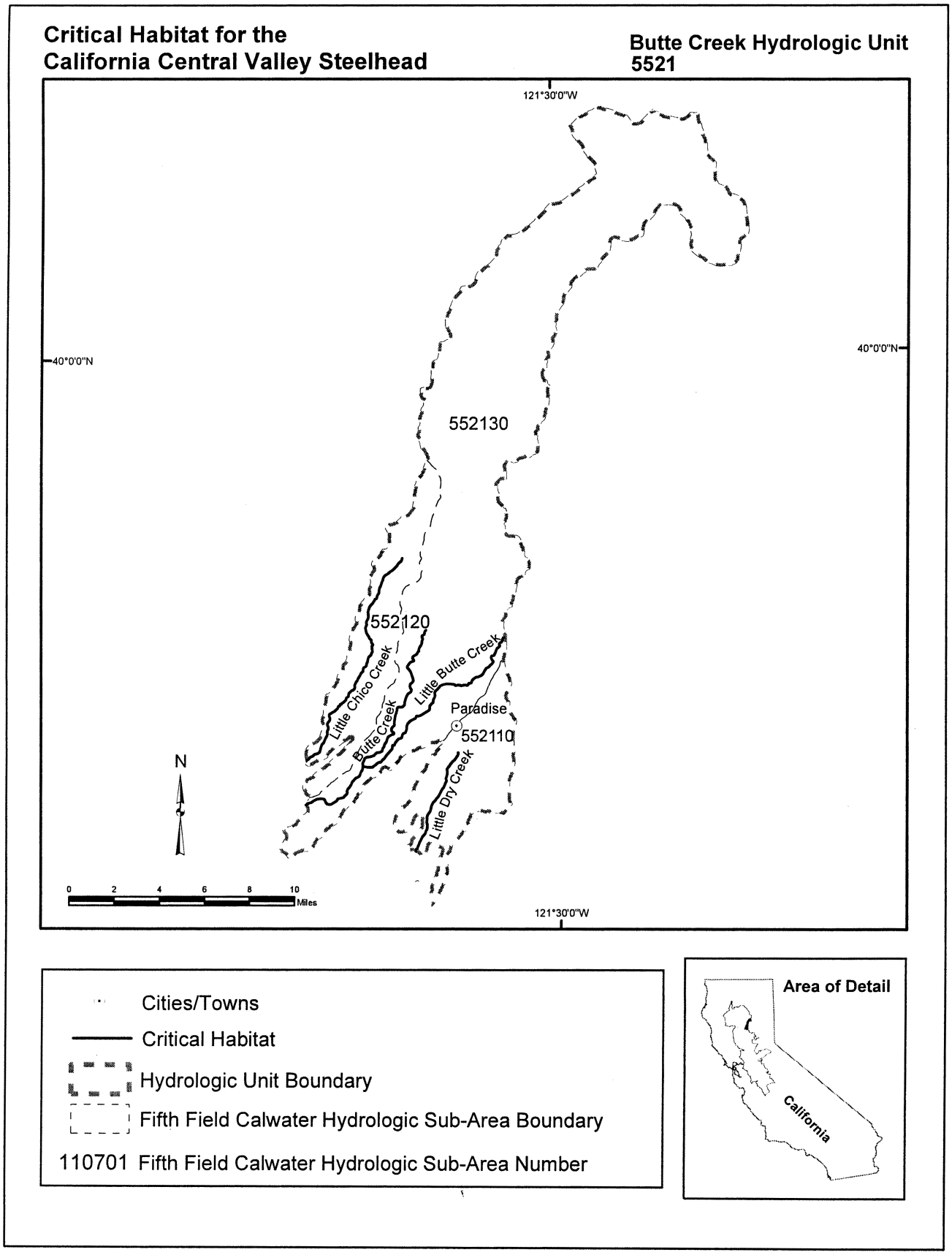

Critical Habitat for the
California Central Valley Steelhead
American River Hydrologic Unit
5514
121°0'0"W
39°0'0"N
39°0'0"N
Coon Creek
551422
Doty Creek
Auburn Ravine
N
0 1 2 3 4 5
Miles
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

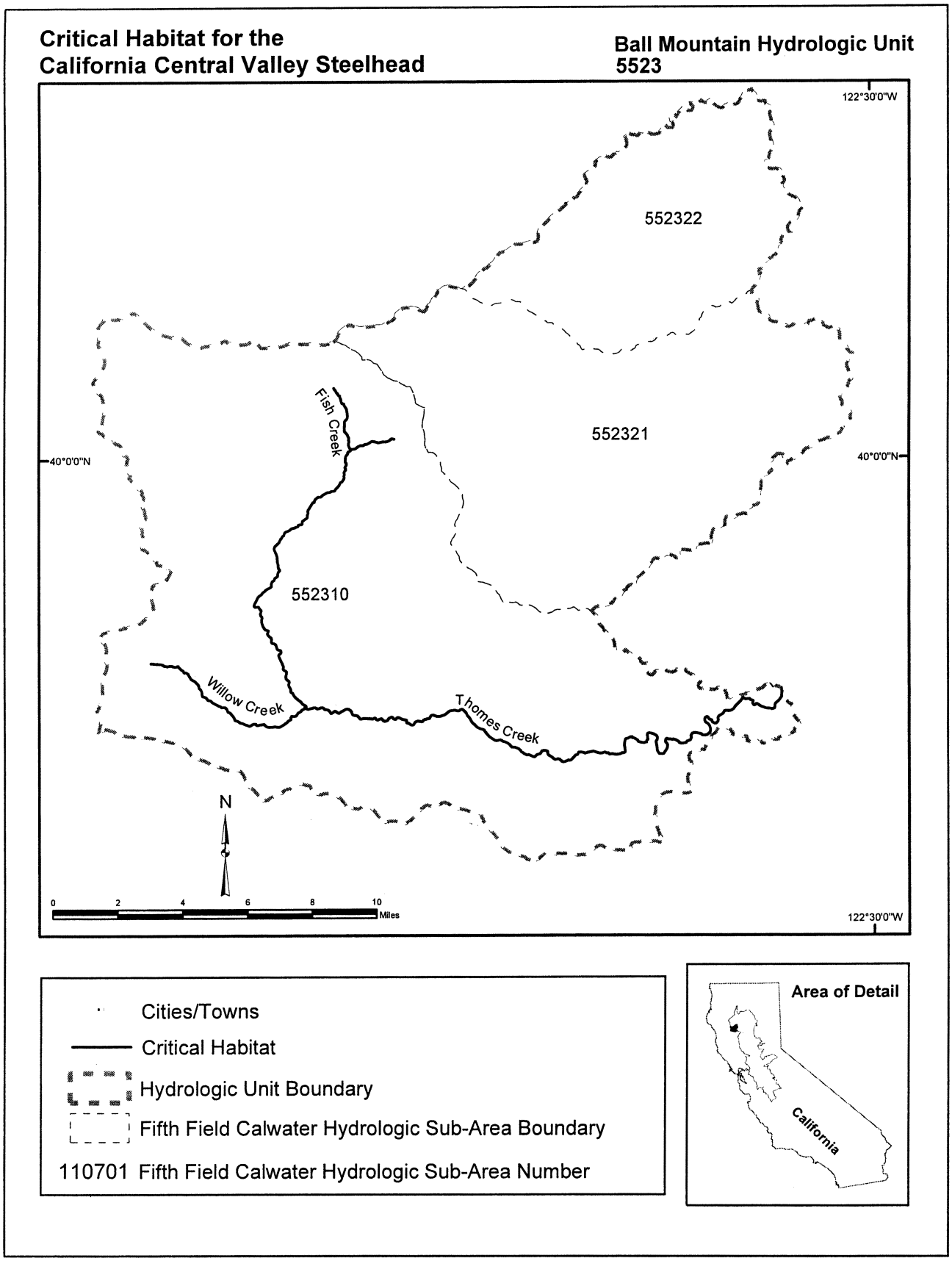

Critical Habitat for the
California Central Valley Steelhead
Marysville Hydrologic Unit
5515
121°30'0"W
39°30'0"N
39°0'0"N
Oroville
Feather River
551540
Honcut
Yuba River
551530
Marysville
551510
Wheatland
Bear River
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

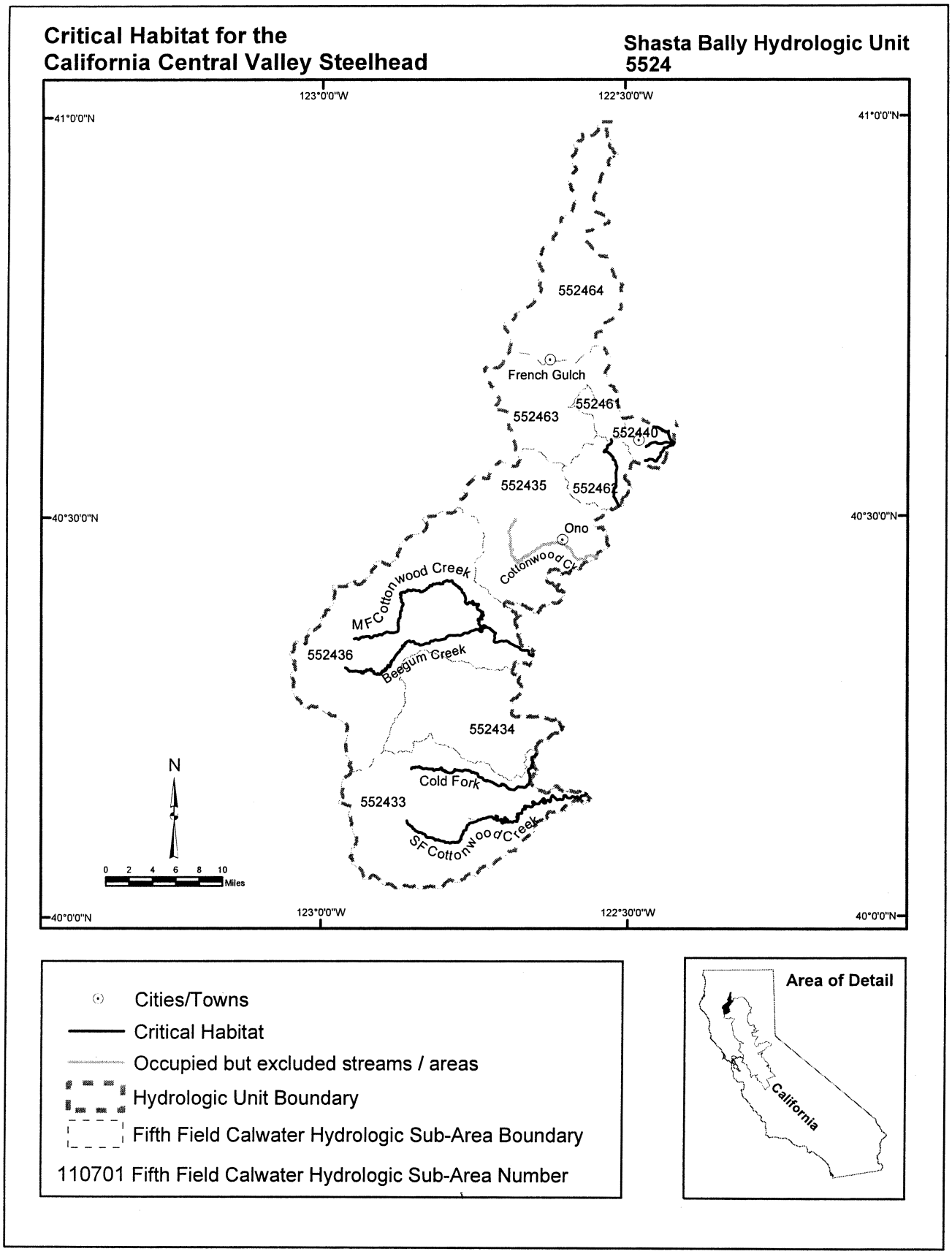

Critical Habitat for the
California Central Valley Steelhead
Yuba River Hydrologic Unit
5517
121°0'0"W
39°30'0"N
39°30'0"N
551713
551760
Dobbins
551714
Loma Rica
551712
Dry Creek
Yuba River
Deer Creek
Nevada City
551720
Smartville
N
0 2 4 6 8 10
Miles
121°30'0"W
121°0'0"W
Cities/Towns
Critical Habitat
Occupied but excluded streams / areas
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

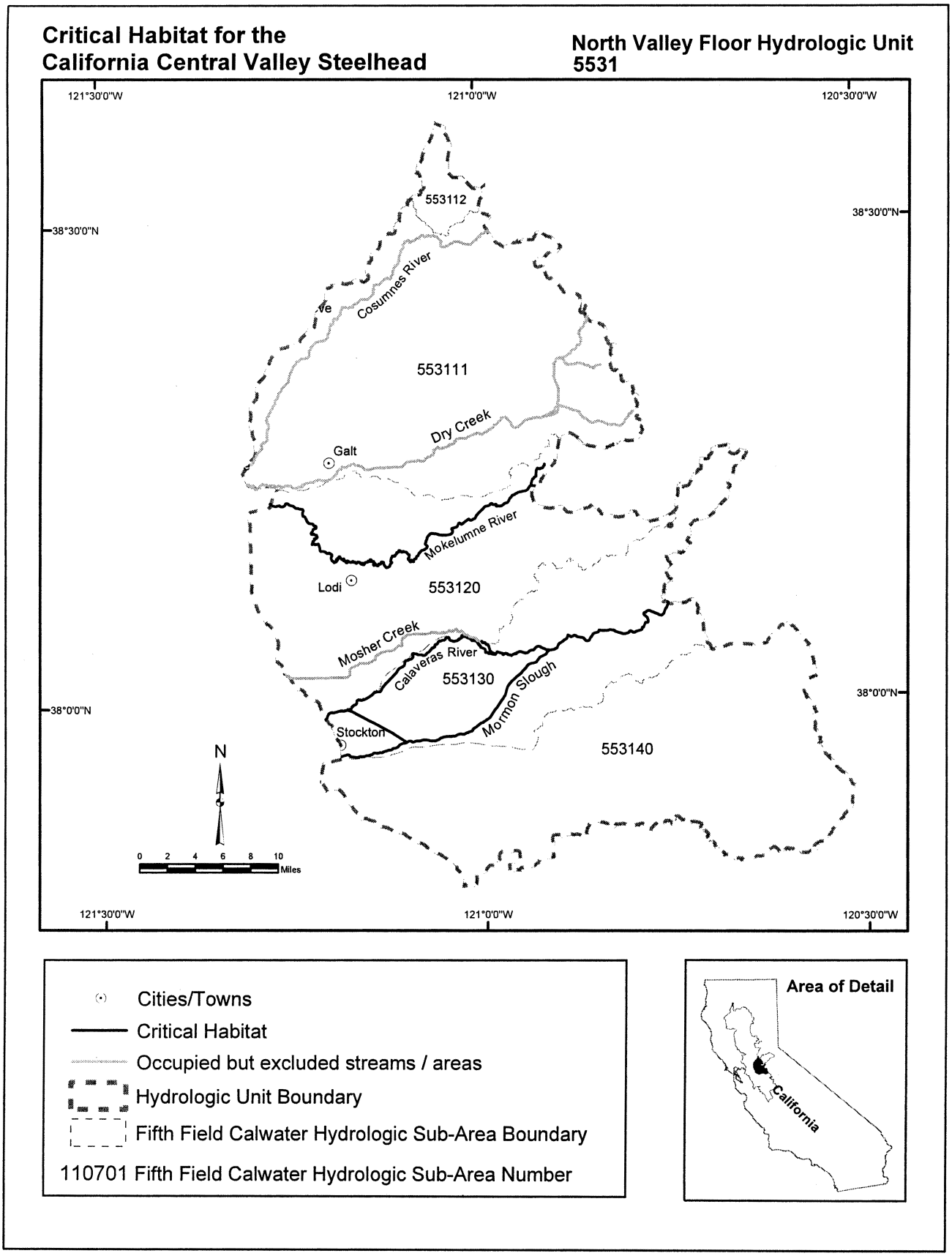

Critical Habitat for the
California Central Valley Steelhead
Valley-American Hydrologic Unit
5519
121°30'0"W
121°0'0"W
39°0'0"N
38°30'0"N
Olivehurst
Feather River
Doty Creek
551922
Coon Creek
Coon Creek
Secret Ravine
Miner's Ravine
Roseville
Dry Creek
551921
Sacramento River
Carmichael
American River
Sacramento
551912
Elk Grove
551911
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

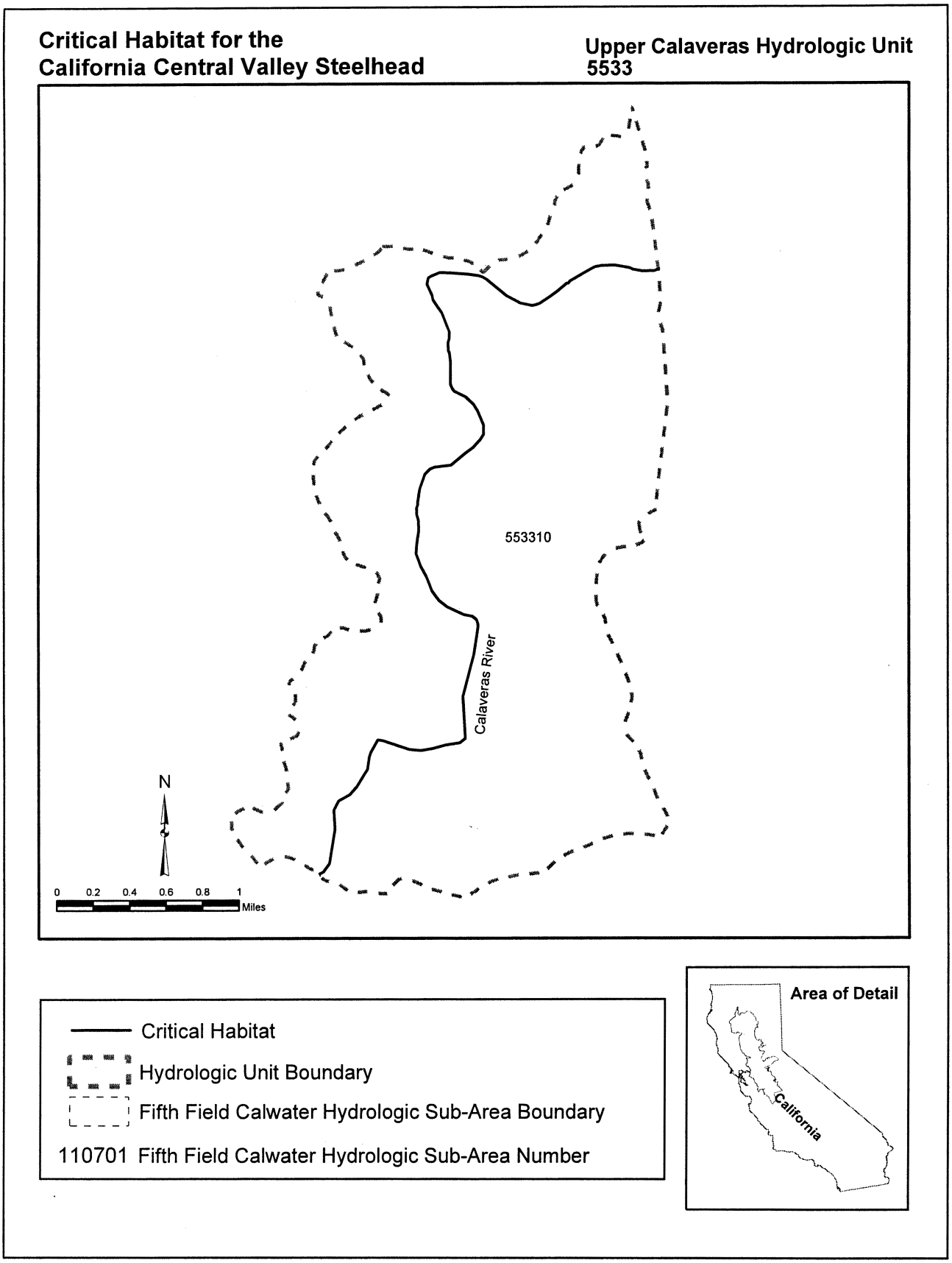

Critical Habitat for the
California Central Valley Steelhead
Colusa Basin Hydrologic Unit
5520
122°30'0"W
122°0'0"W
121°30'0"W
39°30'0"N
39°0'0"N
Orland
552022
Little Chico Creek
Little Dry Creek
Willows
552040
Gridley
Butte Creek
552021
552030
Colusa
Yuba City
Williams
Sutter Bypass
Tisdale
Bypass
552010
Sacramento River
Knights Landing
Yolo
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

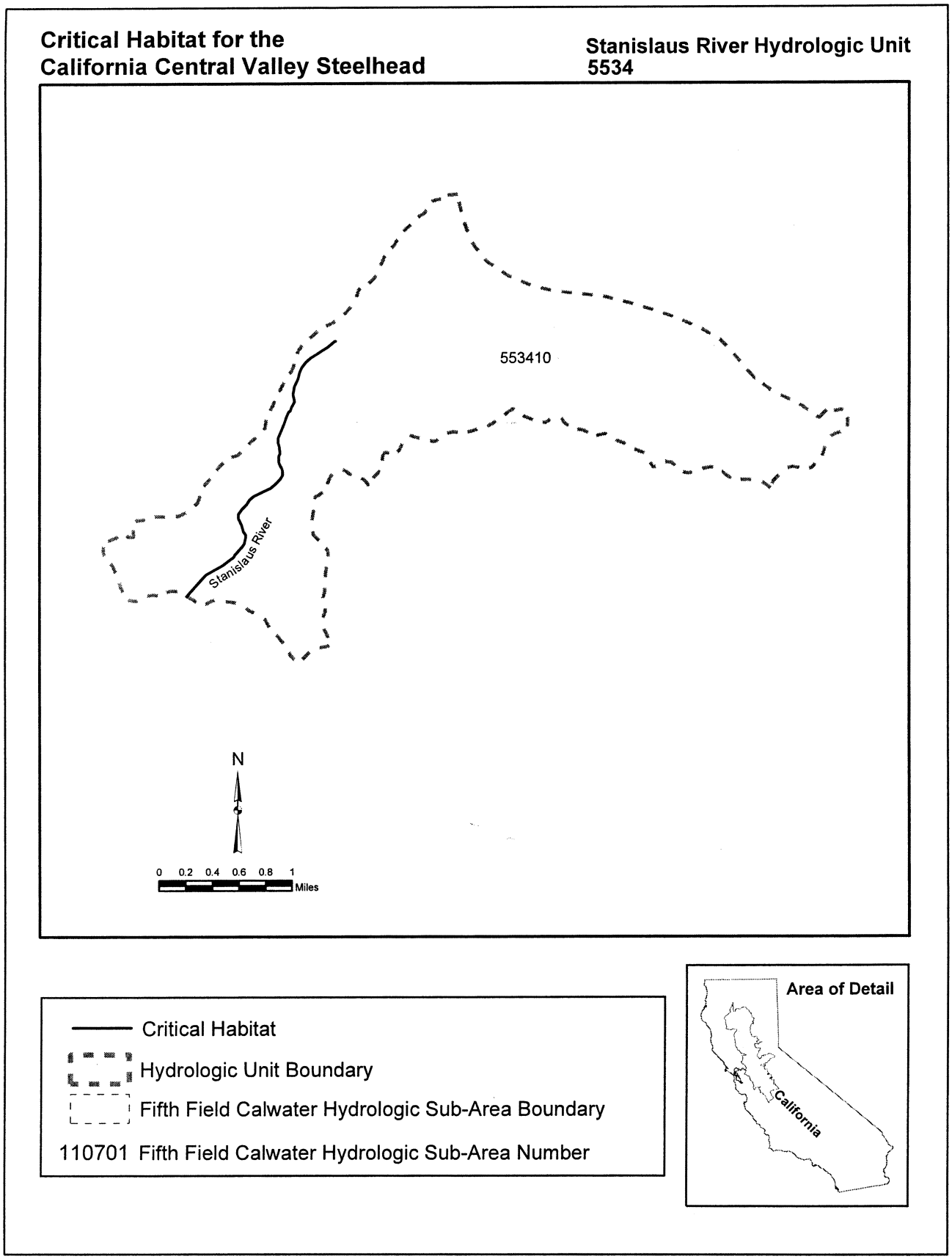

Critical Habitat for the
California Central Valley Steelhead
Butte Creek Hydrologic Unit
5521
121°30'0"W
40°0'0"N
40°0'0"N
552130
552120
Little Chico Creek
Little Butte Creek
Butte Creek
Paradise
552110
Little Dry Creek
N
0 2 4 6 8 10
Miles
121°30'0"W
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

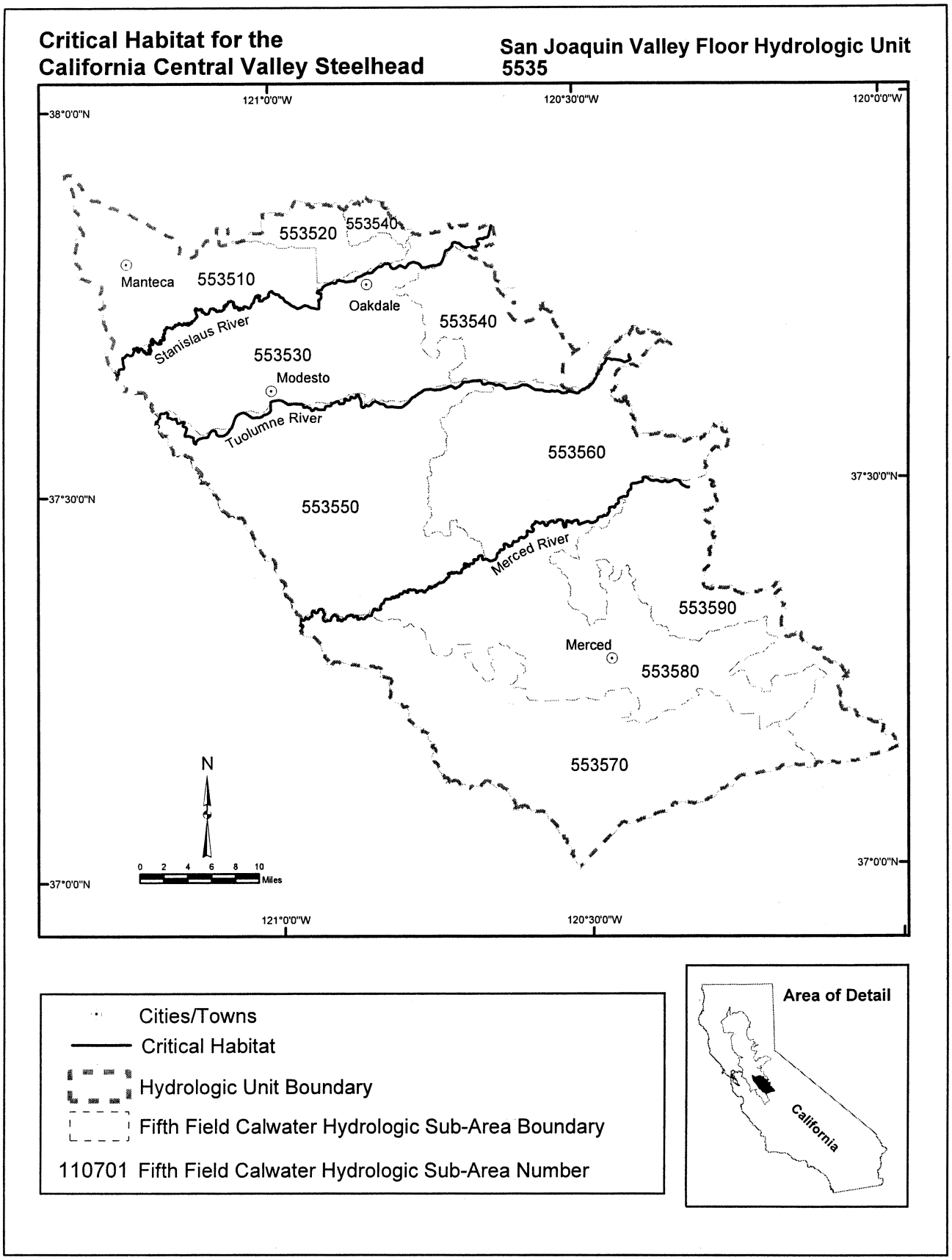

Critical Habitat for the
California Central Valley Steelhead
Ball Mountain Hydrologic Unit
5523
122°30'0"W
552322
552321
Fish Creek
40°0'0"N
40°0'0"N
552310
Willow Creek
Thomes Creek
N
0 2 4 6 8 10
Miles
122°30'0"W
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

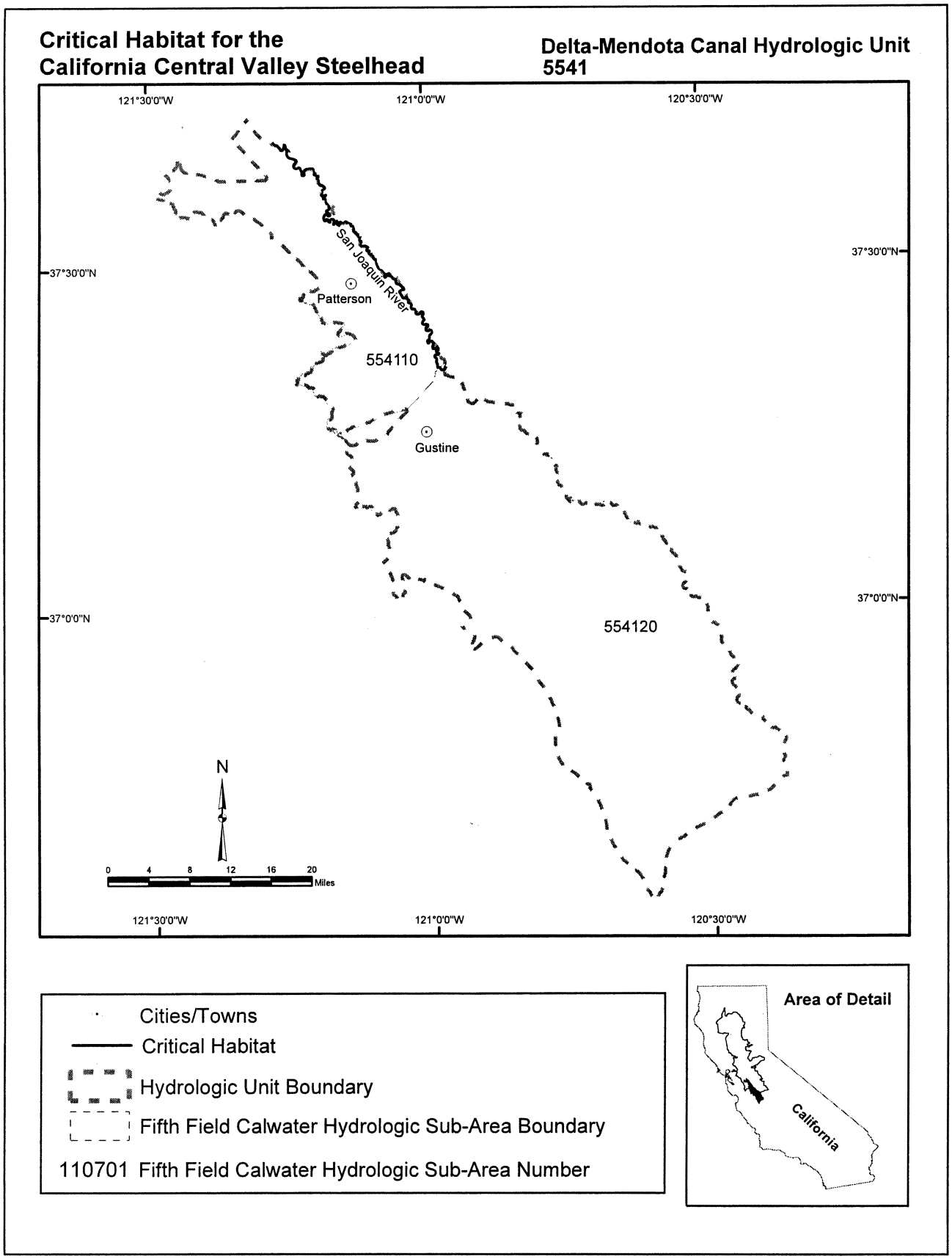

Critical Habitat for the
California Central Valley Steelhead
Shasta Bally Hydrologic Unit
5524
123°0'0"W
122°30'0"W
41°0'0"N
40°30'0"N
40°0'0"N
552464
French Gulch
552461
552463
552440
552435
552462
Ono
Cottonwood Cr
MF Cottonwood Creek
552436
Beegum Creek
552434
Cold Fork
552433
SF Cottonwood Creek
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Occupied but excluded streams / areas
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

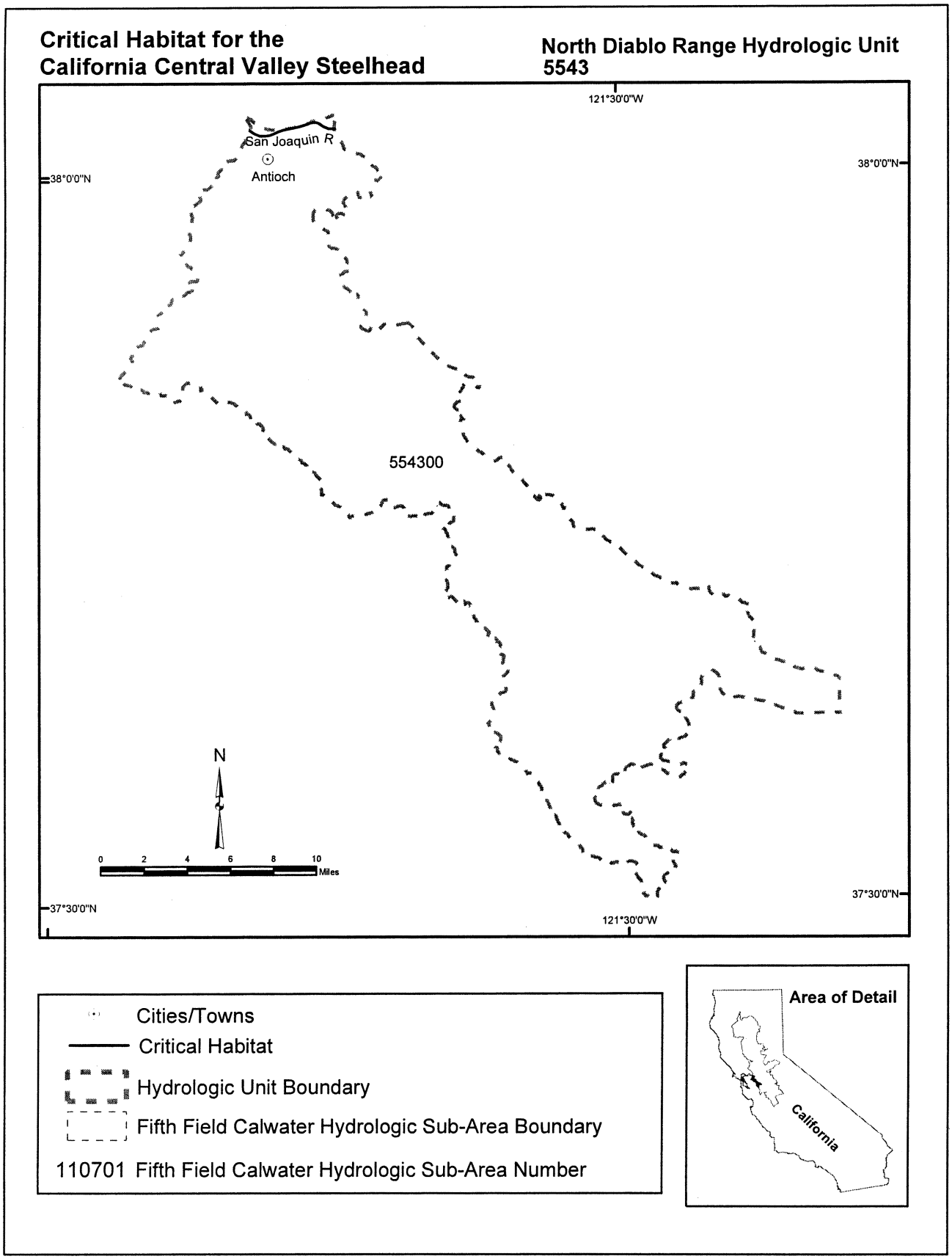

Critical Habitat for the
California Central Valley Steelhead
North Valley Floor Hydrologic Unit
5531
121°30'0"W
121°0'0"W
120°30'0"W
38°30'0"N
38°0'0"N
553112
Cosumnes River
553111
Dry Creek
Galt
Mokelumne River
Lodi
553120
Mosher Creek
Calaveras River
553130
Mormon Slough
Stockton
553140
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Occupied but excluded streams / areas
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California

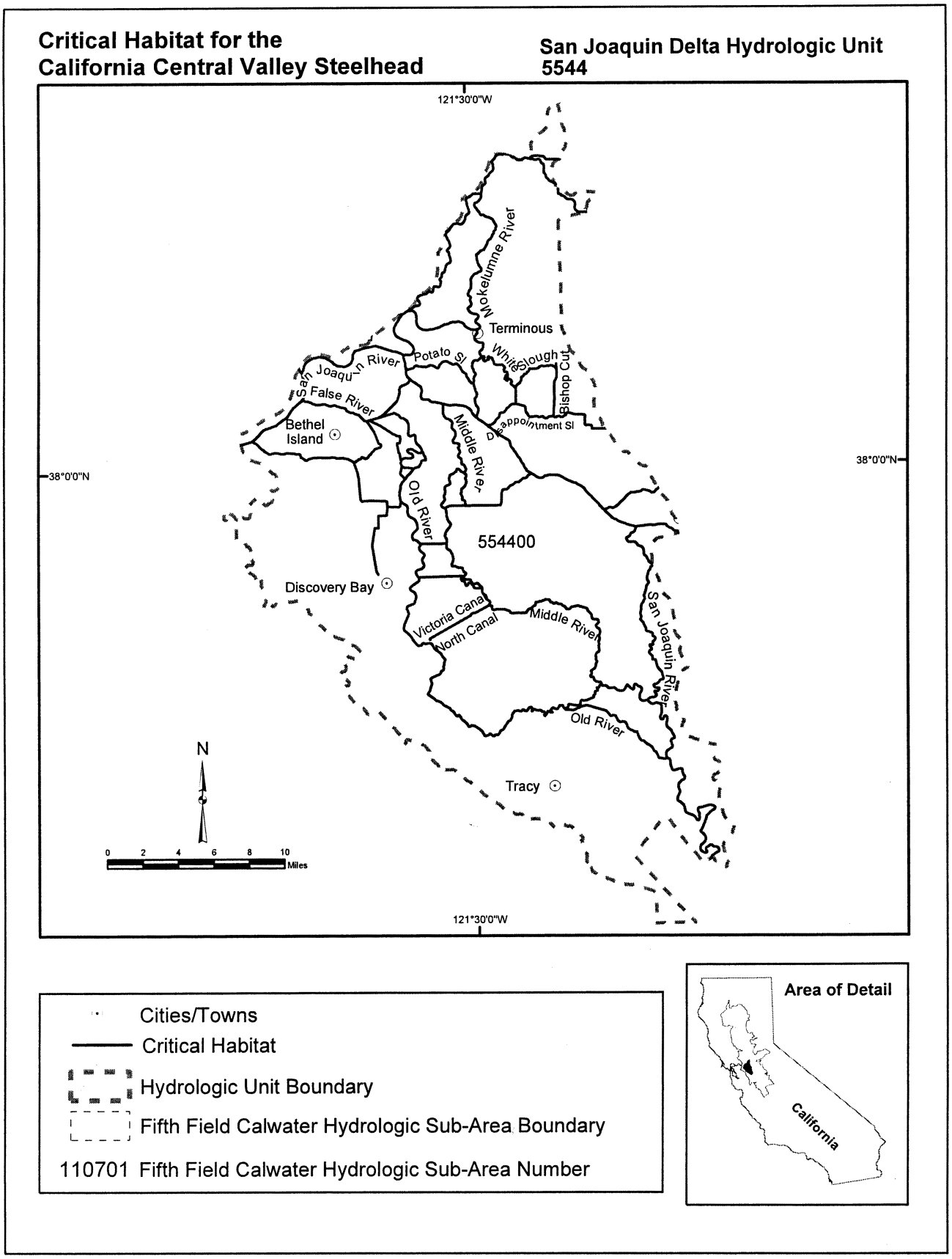

Critical Habitat for the
California Central Valley Steelhead
Upper Calaveras Hydrologic Unit
5533
553310
Calaveras River
N
0 0.2 0.4 0.6 0.8 1
Miles
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California


Critical Habitat for the
California Central Valley Steelhead
Stanislaus River Hydrologic Unit
5534
553410
Stanislaus River
N
0 0.2 0.4 0.6 0.8 1
Miles
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California


Critical Habitat for the California Central Valley Steelhead
San Joaquin Valley Floor Hydrologic Unit 5535
121°0'0"W
120°30'0"W
120°0'0"W
38°0'0"N
37°30'0"N
37°0'0"N
553520
553540
553510
Manteca
Oakdale
553540
Stanislaus River
553530
Modesto
Tuolumne River
553560
553550
Merced River
553590
Merced
553580
553570
N
0 2 4 6 8 10
Miles
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California


Critical Habitat for the
California Central Valley Steelhead
Delta-Mendota Canal Hydrologic Unit
5541
121°30'0"W
121°0'0"W
120°30'0"W
37°30'0"N
37°0'0"N
San Joaquin River
Patterson
554110
Gustine
554120
N
0 4 8 12 16 20
Miles
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California


Critical Habitat for the
California Central Valley Steelhead
North Diablo Range Hydrologic Unit
5543
121°30'0"W
38°0'0"N
San Joaquin R
Antioch
554300
N
0 2 4 6 8 10
Miles
37°30'0"N
Cities/Towns
Critical Habitat
Hydrologic Unit Boundary
Fifth Field Calwater Hydrologic Sub-Area Boundary
110701 Fifth Field Calwater Hydrologic Sub-Area Number
Area of Detail
California



[FR Doc. 05–16389 Filed 9–1–05; 8:45 am]

BILLING CODE 3510–22–C