

Table 2-1. Occurrence of Large- and Small-Patch Ecosystems by Elevation Zone

	<i>Elevation Zone</i>			
	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
<i>Large-Patch Ecosystems</i>				
<i>Aquatic</i>				
LA-Lacustrine	X	X	X	X
RI-Riverine (Rivers and Creeks)	X	X	X	X
<i>Barren and Herbaceous</i>				
AG-Annual Grassland/Irrigated Pasture	X	X		
BA-Barren (Cliffs, rock outcrops, diggings)	X	X	X	X
FW-Fresh Emergent Wetland	X	X	X	X
MM-Montane Meadow		X	X	X
<i>Shrub</i>				
FC-Foothill Chaparral	X	X		
MO-Montane Chaparral		X	X	X
DS-Subalpine Dwarf-Scrub			X	X
ES-Eastside Scrub				X
<i>Forested</i>				
FH-Foothill Hardwood	X	X		
FR-Foothill Riparian	X	X		
OP-Oak-Foothill Pine	X	X	X	
PP-Ponderosa Pine		X	X	
MH-Montane Hardwood		X	X	
MR-Montane Riparian		X	X	
MC-Mixed-Conifer		X	X	X
LP-Lodgepole Pine			X	X
RF-Red Fir			X	X
AS-Aspen			X	X
SC-Subalpine Conifer			X	X
EP-Eastside Pine				X
ER-Eastside Riparian				X
<i>Developed</i>				
CR-Croplands	X	X		
VI-Vineyards	X	X		
OR-Orchards	X	X		
UR-Urban	X	X	X	X
<i>Small-Patch Ecosystems</i>				
Caves and Mine Shafts	X	X	X	
Gabbrodiorite Soils	X	X		
Serpentine Soils	X	X	X	
Volcanic Lava Caps and Mudflows	X	X		
Springs, Seeps, and Fens	X	X	X	X
Late-Successional Conifer Forests		X	X	X
McNab Cypress Stands	X	X		
Knobcone Pine Stands		X		
Whitebark Pine Stands			X	X
Leather Oak Chaparral	X	X		

Table 2-2. A "Cross-Walk" for Comparing the Nevada County Wildlife Habitat Relationships System with Other California Vegetation Classification Systems

Nevada County Wildlife Habitat Relationships (NCWHR)	Mayer & Laudenslayer (1988) California Wildlife Habitat Relationships (CHWR)	Holland (1986) (CNDDDB Habitat Code)	Sawyer and Keeler-Wolf (1995)
Riverine (Zones I, II, III)	Riverine	Not classified	Not classified
Lacustrine (Zones I, II, III)	Lacustrine	Not classified	Not classified
Barren	Not classified	Not classified	Not classified
Annual Grassland-Irrigated Pastures	Annual Grassland, Pasture	Non-native Grassland (42200) Wildflower Field (42300)	California Annual Grassland series Introduced Perennial Grassland series
Montane Meadow	Wet Meadow	Dry Montane Meadow (45120) Dry Subalpine or Alpine meadow (45220) Wet Subalpine or Alpine meadow (45210)	Montane Meadow habitat Subalpine Meadow habitat Kentucky Bluegrass series Tufted Hairgrass series
Fresh Emergent Wetland	Fresh Emergent Wetland	Montane Freshwater Marsh (52430) Coastal and Valley Freshwater marsh (52410) Fen (51200) Darlingtonia Bog (51120) Freshwater Seep (45400) Wet Montane Meadow (45110)	Cattail series Fen habitat Bulrush series Bulrush-Cattail series Spikerush series Pondweed series Quillwort series Bur-reed series Yellow Pond lily series Sedge series Beaked Sedge series Nebraska Sedge series Baltic Rush series
Foothill Chaparral	Mixed Chaparral	Upper Sonoran Manzanita Chaparral (37B00) Northern Mixed Chaparral (37110) Mesic North Slope Chaparral (37E00) Gabbroic Northern Mixed Chaparral (37111) Shin Oak Brush (37541) Serpentine Chaparral (37600) Poison Oak Chaparral (37F00) Buck Brush Chaparral (37810) Interior Live Oak Chaparral (37A00) Mesic Serpentine Chaparral (37610) Northern North Slope Chaparral (37E10)	Whiteleaf Manzanita series Wedgeleaf Ceanothus series Brewer Oak series Interior Live Oak Shrub series Leather Oak series

Nevada County Wildlife Habitat Relationships (NCWHR)	Mayer & Laudenslayer (1988) California Wildlife Habitat Relationships (CHWR)	Holland (1986) (CNDDDB Habitat Code)	Sawyer and Keeler-Wolf (1995)
Montane Chaparral	Montane Chaparral	Montane Manzanita Chaparral (37520) Montane Ceanothus Chaparral (37530) Deer Brush Chaparral (37532) Tobacco Brush Chaparral (37533) Huckleberry Oak Chaparral (37542) Bush Chinquapin Chaparral (37550)	Greenleaf Manzanita series Deerbrush series Tobacco brush series Mountain Whitethorn series Huckleberry Oak series Bush Chinquapin series Canyon Live Oak Shrub series Birch-leaf Mountain Mahogany series
Subalpine Dwarf Scrub	Alpine Dwarf Scrub, Low Sage	Subalpine Sagebrush Scrub (35220) Montane Dwarf Scrub (38000)	Subalpine Upland Shrub habitat Alpine habitat Low Sagebrush series Big Sagebrush series
Eastside Scrub	Bitterbrush, Sagebrush	Big Sagebrush Scrub (35210) Great Basin Mixed Scrub (35100) Rabbitbrush Scrub (35400)	Big Sagebrush series Bitterbrush series Rubber Rabbitbrush series Curl-leaf Mountain Mahogany series
Foothill Hardwood	Blue Oak Woodland, Valley Oak Woodland	Blue Oak Woodland (71140) Valley Oak Woodland (71130) Interior Live Oak Woodland (71150)	Blue Oak series Valley Oak series Interior Live Oak series Mixed Oak series
Oak-Foothill Pine	Blue Oak-Digger Pine	Digger Pine-Oak Woodland (71410) Open Digger Pine Woodland (71310) Serpentine Digger Pine Chaparral-Woodland (71321) Non-Serpentine Digger Pine Chaparral-Woodland (71322) Northern Interior Cypress Forest (83220)	Foothill Pine series McNab Cypress series Leather Oak series Blue Oak series Interior Live Oak series Whiteleaf Manzanita series Buck Brush series Mixed Oak series
Montane Hardwood	Montane Hardwood	Canyon Live Oak Forest (81310) Black Oak Forest (81340) Black Oak Woodland (71120) Tan-Oak Forest (81400) Mixed North Slope Forest (81500)	Canyon Live Oak series Black Oak series Tanoak series
Foothill Riparian	Valley Foothill Riparian	Great Valley Valley Oak Riparian Forest (61430) Great Valley Cottonwood Riparian Forest (61410) Great Valley Mixed Riparian Forest (61420)	Valley Oak series Fremont Cottonwood series Mixed Willow series Red Willow series Narrowleaf Willow series Arroyo Willow series Black Willow series

Nevada County Wildlife Habitat Relationships (NCWHR)	Mayer &Laudenslayer (1988) California Wildlife Habitat Relationships (CHWR)	Holland (1986) (CNDDDB Habitat Code)	Sawyer and Keeler-Wolf (1995)
Montane Riparian	Montane Riparian	Montane Black Cottonwood Riparian Forest (61530) White Alder Riparian Forest (61510) Aspen Riparian Forest (61520) Montane Riparian Scrub (63500) Ledum Swamp (5251A) Woodwardia Thicket (63110)	White Alder series Mountain Alder series Black Cottonwood series Pacific Willow series Aspen series Subalpine Wetland Shrub habitat Montane Wetland Shrub habitat
Eastside Riparian	Montane Riparian	Montane Black Cottonwood Riparian Forest (61530) Modoc-Great Basin Cottonwood-Willow Riparian Forest (61600) Aspen Riparian Forest (61520)	Aspen series Black Cottonwood series Mountain Alder series Narrowleaf Willow series
Aspen	Aspen	Aspen Forest (81B00)	Aspen series
Ponderosa Pine	Ponderosa Pine	Westside Ponderosa Pine Forest (84210) Knobcone Pine Forest (83210)	Ponderosa Pine series Knobcone Pine series
Mixed-Conifer	Sierran Mixed Conifer, White Fir, Montane Hardwood-Conifer	Sierran Mixed Conifer Forest (84230) Sierran White Fir Forest (84240) Jeffrey Pine-Fir Forest (85210)	Mixed Conifer series Douglas Fir-Ponderosa Pine series White Fir series Incense Cedar series Mountain Juniper series
Red Fir	Red Fir	Red Fir Forest (85310)	Red Fir series
Lodgepole Pine	Lodgepole Pine	Lodgepole Pine Forest (86100)	Lodgepole Pine series
Subalpine Conifer	Subalpine Conifer	Whitebark Pine-Mountain Hemlock Forest (86210) Whitebark Pine Forest (86600)	Mountain Hemlock series Whitebark Pine series Mixed Subalpine Forest series Western White Pine series
Eastside Pine	Eastside Pine, Jeffrey Pine, Juniper	Eastside Ponderosa Pine Forest (84220)	Jeffrey Pine Series Jeffrey Pine-Ponderosa Pine Series
Urban	Urban	Not classified	Not classified
Orchards	Orchard-Vineyard	Not classified	Not classified
Vineyards	Orchard-Vineyard	Not classified	Not classified
Croplands	Croplands	Not classified	Not classified

Table 3-1. Extent, Elevation Range, and Wildlife and Plant Occurrence in Large-Patch Ecosystems of Nevada County

Large-Patch Ecosystem	Acres (except where noted)			Percent Private	Elevation (feet)			Animals By Habitat				Plants by Habitat	
	Total	Percent of County	Private		MIN	MAX	MEAN	Redlist	Yellowlist	Breeding	Total	Redlist	Yellowlist
Annual Grassland	31,910	5.12%	30,616	96%	272	4,360	1,588	2	13	32	110	0	2
Aspen	385	0.06%	285	74%	5,138	7,887	6,560	1	13	70	97	0	0
Barren	24,866	3.99%	8,650	35%	525	9,127	6,393	4	15	50	81	0	12
Cropland	374	0.06%	374	100%	1,175	2,979	1,821	2	6	7	45	0	0
Eastside Pine	29,612	4.75%	14,762	50%	5,098	7,503	6,086	1	13	75	99	0	1
Eastside Riparian	646	0.10%	295	46%	5,111	8,415	6,772	2	16	94	130	0	0
Eastside Scrub	11,735	1.88%	7,298	62%	5,092	8,907	5,919	1	13	47	90	0	2
Foothill Chaparral	9,354	1.50%	7,207	77%	272	5,029	2,473	0	12	48	109	0	3
Foothill Hardwood	37,671	6.04%	34,062	90%	253	3,291	1,220	0	14	96	145	0	3
Foothill Riparian	5,844	0.94%	5,288	90%	272	2,523	1,238	2	12	110	172	0	0
Fresh Emergent Wetland	4,552	0.73%	3,106	68%	347	7,972	5,079	4	6	31	73	1	7
Lacustrine	11,731	1.88%	4,794	41%	253	7,930	5,069	3	11	15	78	1	3
Lodgepole Pine	4,736	0.76%	2,622	55%	5,659	8,287	6,656	2	9	61	99	0	2
Mixed-Conifer	197,704	31.72%	102,079	52%	1,030	8,980	4,854	2	15	109	142	0	7
Montane Chaparral	24,988	4.01%	11,292	45%	2,838	9,045	6,554	0	10	33	88	0	3
Montane Hardwood	29,245	4.69%	21,018	72%	528	6,493	2,722	0	15	99	140	0	6
Montane Meadow	3,708	0.60%	1,737	47%	2,710	8,855	6,572	7	20	61	139	0	14
Montane Riparian	4,006	0.64%	3,241	81%	853	7,969	2,791	2	18	133	178	0	3
Oak-Foothill Pine	43,587	6.99%	39,854	91%	289	4,324	1,542	0	12	90	140	0	0
Orchards	118	0.02%	118	100%	1,634	3,012	2,553	0	1	8	42	0	0
Ponderosa Pine	65,149	10.45%	52,198	80%	522	5,161	2,437	0	16	108	145	0	7
Red Fir	35,167	5.64%	15,804	45%	5,587	9,058	7,270	1	11	79	116	0	2
Riverine	11,006	1.77%	6,657	60%	279	8,720	3,549	3	14	29	74	0	1
Riverine (miles)	1,850	n/a	1,343	73%	279	8,720	3,549	3	14	29	74	0	1
Serpentine/Gabbrodiorite *	n/a	n/a	n/a	n/a	1,020	4,495	2,341	n/a	n/a	n/a	n/a	2	9
Subalpine Conifer	2,437	0.39%	643	26%	6,588	8,802	7,882	2	9	51	83	0	0
Subalpine Dwarf Scrub	797	0.13%	45	6%	7,710	9,127	8,436	3	11	27	60	0	2
Urban **	32,917	5.28%	29,278	89%	528	7,697	3,483	0	6	36	75	0	0
Vineyards	555	0.09%	555	100%	1,165	2,523	1,632	0	0	1	19	0	0

*Serpentine and Gabbrodiorite Soils were considered Small-Patch Ecosystems, and their acreages are provided in Table 3-3.

** The Urban type occurs on public lands where special use permits exist, such as at downhill ski areas and leased cabins.

Table 3-2. Noxious Weeds and Other Invasive Non-Native Plants Known to Occur in Nevada County

Common name	Scientific name	CDFA Rank	CalEPPC Rank	Habitat	Distribution
Russian knapweed	<i>Acroptilon repens</i>	B	--	Fields, cultivated sites, roadsides, ditchbanks, waste areas	
Barbed goatgrass	<i>Aegilops triuncialis</i>	B	Annual grasses list	Serpentine habitats, grasslands	
Tree-of-heaven	<i>Ailanthus altissima</i>	--	A-2	Riparian areas, grasslands, oak woodlands	
Vineyard Onion, Wild Garlic	<i>Allium vineale</i>	B	--	Disturbed sites, vineyards, orchards, irrigated or moist areas	
Giant reed, arundo	<i>Arundo donax</i>	--	A-1	Riparian areas	
Wild oat, slender wild oat	<i>Avena spp.</i>	--	Annual grasses list	Grasslands, oak woodlands; widespread	
False brome	<i>Brachypodium distachyon</i>	--	Annual grasses list	Grasslands	
Ripgut grass	<i>Bromus diandrus</i>	--	Annual grasses list	Grasslands, oak woodlands	
Red brome	<i>Bromus madritensis ssp. rubens</i>	--	A-2	Widespread in a variety of habitats and soil types	
Cheat grass, downy brome	<i>Bromus tectorum</i>	--	A-1	Widespread; once thought only to occur east of Sierra crest	
Hoary cress, longstalk whitetop	<i>Cardaria ssp.</i>	B	A-2	Riparian areas, marshes of central coast; also ag lands and disturbed areas	
Plumeless thistle	<i>Carduus acanthoides</i>	A	--	Colonizes disturbed areas, ag lands, and waste areas, esp. in alluvial soils	
Musk thistle	<i>Carduus nutans</i>	A	--	Colonizes disturbed areas, ag lands, and waste areas, esp. in sandy fertile soils	
Italian thistle	<i>Carduus pycnocephalus</i>	C	B	Grasslands, shrub lands, oak woodlands	
Distaff thistle	<i>Carthamus lanatus</i>	B		Disturbed areas in grasslands and ag lands	
Purple star-thistle	<i>Centaurea calcitrapa</i>	B	B	Moist areas in grasslands, esp. heavy, fertile alluvial soils	
Diffuse knapweed	<i>Centaurea diffusa</i>	A	--	Light well-drained soils	
Iberian star-thistle	<i>Centaurea iberica</i>	A	--	Moist areas in grasslands, often on ditchbanks	
Spotted knapweed	<i>Centaurea maculosa</i>	A	Red Alert	Riparian areas, meadows, grasslands, forest habitats	
Tocalote	<i>Centaurea melitensis</i>	--	B	Widespread around the state, less common than yellow star-thistle locally	

Common name	Scientific name	CDFA Rank	CalEPPC Rank	Habitat	Distribution
Yellow star-thistle	<i>Centaurea solstitialis</i>	C	A-1	Widespread; now found reproducing above 7,000 ft.	
Skeleton weed	<i>Chondrilla juncea</i>	A	--	Disturbed roadsides, crop lands, rangelands, residential areas	
Canada thistle	<i>Cirsium arvense</i>	B	B	Riparian areas	
Bull thistle	<i>Cirsium vulgare</i>	--	B	Riparian areas, marshes, meadows, logged areas	
Poison hemlock	<i>Conium maculatum</i>	--	B	Riparian areas, oak woodlands; widespread	
Field bindweed	<i>Convolvulus arvensis</i>	C	Considered, but rejected	Ag lands, disturbed areas	
Artichoke thistle	<i>Cynara cardunculus</i>	B	A-1	Disturbed open areas in chaparral, grasslands, ag lands, riparian areas	
Bermuda grass	<i>Cynodon dactylon</i>	C	--	Generally moist or irrigated soils on disturbed roadsides, also in turf, gardens, and riparian areas	
Scotch broom	<i>Cytisus scoparius</i>	C	A-1	Oak woodlands, Sierra foothills	
Brazilian waterweed	<i>Egeria densa</i>	--	A-2	Streams, ponds, sloughs, lakes	
Quack grass	<i>Elytrigia repens</i>	B	--	Disturbed areas, cultivated fields, mountain meadows	
Oblong spurge	<i>Euphorbia oblongata</i>	B	--	Waste areas, disturbed sites, roadsides, fields, pastures	
Tall fescue	<i>Festuca arundinacea</i>	--	B	Grasslands, coastal scrub, meadows	
Edible fig	<i>Ficus carica</i>	--	A-2	Riparian areas	
Wild fennel	<i>Foeniculum vulgare</i>	--	A-1	Grasslands, riparian areas	
French broom	<i>Genista monspessulana</i>	C	A-1	Oak woodlands, coastal scrub	
Baby's breath	<i>Gypsophila paniculata var. paniculata</i>	B	--	Horticultural escape, invades disturbed areas on sandy soils, open grassy areas	
English ivy	<i>Hedera helix</i>	--	B	Riparian areas, coastal forests	
Velvet grass	<i>Holcus lanatus</i>	--	B	Wetlands, riparian areas, wet meadows, grasslands	
Hydrilla	<i>Hydrilla verticillata</i>	A, F	Red Alert	Aquatic habitats	
Klamathweed	<i>Hypericum perforatum</i>	C	B	Meadows, woodlands, conifer forests	
Dyer's woad	<i>Isatis tinctoria</i>	B	Need more info	Well known invader in Utah; threat to wildlands	

Common name	Scientific name	CDFR Rank	CalEPPC Rank	Habitat	Distribution
Perennial pepperweed, tall whitetop	<i>Lepidium latifolium</i>	B	A-1	Coastal and inland marshes, riparian areas, wetlands, grasslands	
Ox-eye daisy	<i>Leucanthemum vulgare</i>	--	B	Grasslands, mountain meadows	
Toadflax	<i>Linaria genistifolia</i> ssp. <i>Dalmatica</i>	A	--	Disturbed open areas, fields, pastures, degraded rangelands, roadsides, crop lands	
Italian ryegrass	<i>Lolium multiflorum</i>	--	Annual grasses list	Grasslands, wetlands, vernal pools	
Purple loosestrife	<i>Lythrum salicaria</i>	B	Red alert	Horticultural; noxious weed of wetlands, riparian areas	
Pennyroyal	<i>Mentha pulegium</i>	--	A-2	Wetlands, vernal pools	
Nimblewell	<i>Muhlenbergia schreberi</i>	B	--	Turf weed, also in pastures, orchards, forest sites, residential areas, moist woodlands	
Parrot's feather	<i>Myriophyllum aquaticum</i>	--	B	Streams, lakes, ponds	
Eurasian milfoil	<i>Myriophyllum spicatum</i>	--	A-1	Lakes, ponds, streams	
Olive	<i>Olea europaea</i>	--	B	Horticultural/agricultural escape; reported as invasive in riparian habitats	
Scotch thistle	<i>Onopordum acanthium</i> ssp. <i>acanthium</i>	A	--	Natural areas, disturbed areas, roadsides, fields, esp. fertile soils	
Taurian cottonthistle	<i>Onopordum tauricum</i>	A	--	Natural areas, disturbed areas, roadsides, fields, esp. fertile soils	
Bulbous canarygrass	<i>Phalaris aquatica</i>	--	B	Moist soils, wetland and riparian areas, meadows	
Japanese knotweed	<i>Polygonum cuspidatum</i>	B	--	Horticultural escape, invades riparian and wetland areas, esp. bare volcanics	
Giant knotweed	<i>Polygonum sachalinense</i>	B	--	Horticultural escape, invades riparian and wetland areas, esp. open, sunny sites	
Black locust	<i>Robinia pseudoacacia</i>	--	B	Riparian areas, canyons	
Himalayan blackberry	<i>Rubus discolor</i>	--	A-1	Riparian areas, marshes, oak woodlands, seeps and springs	
Russian thistle	<i>Salsola tragus</i>	C	--	Sandy soils in grasslands, desert washes, roadsides, disturbed areas, including disturbed natural areas; throughout CA	
Bouncing-bet	<i>Saponaria officinalis</i>	--	A-2	Riparian areas, meadows	

Common name	Scientific name	CDFA Rank	CalEPPC Rank	Habitat	Distribution
Peruvian pepper tree	<i>Schinus molle</i>	--	B	Horticultural species, invasive in riparian habitats	
Tansy ragwort	<i>Senecio jacobaea</i>	B	B	Grasslands, disturbed areas, waste places, roadsides	
Carolina horsenettle	<i>Solanum carolinense</i>	B	--	Disturbed areas, degraded ag lands, pastures, esp. sandy well-drained soils	
White horsenettle	<i>Solanum elaeagnifolium</i>	B	--	Disturbed areas, ag lands, roadsides, vineyards, forest openings, waste areas	
Johnsongrass	<i>Sorghum halepense</i>	C	--	Ditchbanks, moist areas in orchards and pastures, roadsides	
Medusa-head	<i>Taeniatherum caput-medusae</i>	C	A-1	Grasslands, including serpentine and gabbro habitats	
Tamarisk, salt cedar	<i>Tamarix spp.</i>	--	A-1	Riparian areas, desert washes, seeps and springs	
Puncture vine	<i>Tribulus terrestris</i>	C	--	Sandy soils in grasslands, disturbed areas, waste areas,	
Common gorse	<i>Ulex europaeus</i>	B	--	Disturbed areas, logged areas, burn sites, ag lands	
Woolly mullein	<i>Verbascum thapsus</i>	--	B	Meadows, woodlands, riparian areas, burn sites	
Periwinkle	<i>Vinca major</i>	--	B	Riparian areas, oak woodlands	

¹ California Exotic Pest Plant Council Lists: A-1 = Most Invasive Wildland Pest Plants, Widespread; A-2 = Most Invasive Wildland Pests, Regional; B = Wildland Pest Plants of Lesser Invasiveness; Need More Information = Species' status is uncertain; more information is needed; Red Alert = Pest plants with the potential to spread explosively; Annual Grass = a preliminary list of annual grasses, abundant and widespread in California, that pose significant threats to wildlands.

² California Department of Food and Agriculture Lists: F = Federal Noxious Weed, as designated by USDA; targeted for federally-funded prevention, eradication, or containment efforts; A = The agency mandates that these species be targeted for eradication or containment; B = These species are more widespread and, therefore, difficult to contain and the agency allows county Agricultural Commissioners to decide whether to target them for eradication or containment in their jurisdictions; C = These weeds are so widespread that the agency does not endorse state- or county-funded eradication or containment efforts except in nurseries or seed lots.

Table 3-3: Extent, Percent Private and Elevation Range of Small-Patch Ecosystems in Nevada County

Small Patch Ecosystem Type	Acres	Percent of County	Private Acres	Total Locations	Private Locations	Percent Private	Elevation (feet)		
							MIN	MAX	MEAN
Caves and Mine Shafts				209	168	80.4%	600	7,382	3,335
Gabbrodiorite Soils	9,903	1.59%	8,622			87.1%	1,191	3,671	2,471
Knobcone Pine Stands	74	0.01%	13			17.1%	2,457	3,602	2,822
Late-Successional and Old-growth Mixed-Conifer Stands	847	0.14%	127			15.0%	1,772	4,898	3,876
Late-Successional and Old-growth Red Fir Stands	3,203	0.51%	956			29.8%	6,348	8,573	7,519
Lava Caps and Volcanic Mudflows	73	0.01%	70			95.3%	2,369	2,982	2,640
Leather Oak Chaparral Stands	197	0.03%	170			86.3%	2,175	2,703	2,427
McNab Cypress Stands	174	0.03%	123			70.9%	2,008	3,110	2,449
Serpentine Soils	4,553	0.73%	3,199			70.3%	1,020	4,495	2,753
Springs, Seeps and Fens				85	58	68.2%	682	6,604	3,781
Valley Oak Woodland	1,804	0.29%	1,702			94.4%	338	2,300	1,456
Whitebark Pine Stands	32	0.01%	0			0.0%	8,651	9,009	8,799

Table IX-I: Acreages of Large-Patch Ecosystems in Nevada County

NAME	Acres	Zone	Large-Patch Ecosystem Type (acres)																											
			Annual Grassland	Aspen	Barren	Cropland	Eastside Pine	Eastside Riparian	Eastside Scrub	Foothill Chaparral	Foothill Hardwood	Foothill Riparian	Fresh Emergent Wetland	Lacustrine	Lodgepole Pine	Mixed-Conifer	Montane Hardwood	Montane Meadow	Montane Oak	Montane Riparian	Oak-Foothill Pine	Orchards	Ponderosa Pine	Red Fir	Riverine	Subalpine Dwarf Scrub	Subalpine Conifer	Urban	Vineyards	
Bald Rock Mountain	2,976	1	535	0	5	0	0	0	0	0	716	157	1	0	0	0	182	0	0	1303	0	5	0	48	0	0	0	0	0	
Camp Far West Reservoir	2,036	1	192	0	0	0	0	0	0	8	1520	69	20	27	0	0	0	0	0	129	0	0	0	10	0	0	0	0	0	
Dempsey Creek	1,710	1	316	0	0	0	0	0	0	9	1176	44	8	0	0	0	0	0	0	170	0	0	0	2	0	0	0	0	0	
Excelsior	7,700	1	731	0	15	39	0	0	0	34	1154	203	11	23	0	0	354	0	58	2098	0	597	0	65	0	0	2041	0	0	
Indian Springs Creek	7,744	1	2273	0	0	6	0	0	0	47	1450	356	58	8	0	0	148	0	0	2964	0	127	0	48	0	0	0	251	0	
Little Dry Creek	6,652	1	648	0	0	0	0	0	0	2	4106	373	9	2	0	0	3	0	0	1405	0	9	0	55	0	0	56	0	0	
Rock Creek (Bear R)	6,688	1	1335	0	77	0	0	0	0	134	3305	267	47	4	0	0	8	0	0	1495	0	3	0	59	0	0	11	0	0	
Slacks Ravine	3,317	1	195	0	0	0	0	0	0	8	1980	134	13	0	0	0	33	0	0	805	0	16	0	24	0	0	120	0	0	
Spenceville	5,860	1	1160	0	0	0	0	0	0	0	3243	374	72	0	0	0	4	0	0	1009	0	5	0	41	0	0	0	0	0	
Squirrel Creek	6,705	1	2014	0	0	0	0	0	0	20	608	254	1	0	0	0	72	0	0	3014	0	633	0	64	0	0	87	185	0	0
Sugarloaf Mtn.	6,368	1	2242	0	0	8	0	0	0	7	669	306	58	16	0	0	166	0	0	2628	0	305	0	48	0	0	31	0	0	
Tarr Ditch	5,794	1	1201	0	0	16	0	0	0	570	410	237	14	10	0	0	156	0	0	2542	0	434	0	44	0	0	82	0	0	
Vineyard Creek	4,084	1	336	0	0	0	0	0	0	0	3264	188	105	0	0	0	0	0	0	217	0	0	0	39	0	0	0	0	0	
Wolf Creek	9,185	1	3853	0	0	40	0	0	0	21	2993	281	109	13	0	0	27	0	0	1710	0	12	0	89	0	0	8	5	0	
Woods Creek	4,597	1	979	0	0	0	0	0	0	0	1486	120	0	53	0	0	1	0	0	1456	0	201	0	28	0	0	6	0	0	
Blind Shady Creek	9,285	2	582	0	417	0	0	0	0	707	74	39	68	12	0	1005	0	1377	0	317	566	5	3931	0	96	0	0	98	3	
Campbell Creek	2,159	2	70	0	0	0	0	0	0	64	182	0	2	0	0	0	538	0	105	168	0	895	0	43	0	0	105	0	0	
Cedar Ravine	8,083	2	517	0	0	0	0	0	0	79	554	0	7	0	0	10	1331	0	271	1108	0	2706	0	86	0	0	1465	0	0	
Clear Creek	4,985	2	1201	0	13	98	0	0	0	684	205	263	9	8	0	0	246	0	0	1462	0	673	0	45	0	0	8	82	0	
Colgate Powerhouse	2,455	2	7	0	23	0	0	0	0	14	521	133	0	8	0	0	179	0	0	908	0	577	0	33	0	0	0	0	0	

NAME	Acres	Zone	Large-Patch Ecosystem Type (acres)																										
			Annual Grassland	Aspen	Barren	Cropland	Eastside Pine	Eastside Riparian	Eastside Scrub	Foothill Chaparral	Foothill Hardwood	Foothill Riparian	Fresh Emergent Wetland	Lacustrine	Lodgepole Pine	Mixed-Conifer	Montane Hardwood	Montane Meadow	Montane Oak	Montane Riparian	Oak-Foothill Pine	Orchards	Ponderosa Pine	Red Fir	Riverine	Subalpine Dwarf Scrub	SubalpineConifer	Urban	Vineyards
French Ravine	3,382	2	565	0	55	0	0	0	0	475	209	78	23	0	0	0	0	37	0	0	98	0	1351	0	28	0	0	488	0
Grass Valley	11,629	2	491	0	54	10	0	0	0	326	17	127	174	0	0	876	0	410	0	292	12	4	3202	0	77	0	0	5679	3
Grub Creek	6,098	2	657	0	121	10	0	0	0	575	689	324	31	2	0	0	0	403	0	0	1480	0	931	0	48	0	0	886	0
Kentucky Ravine	6,889	2	909	0	15	65	0	0	0	230	1229	354	19	13	0	0	0	10	0	3	2863	0	793	0	64	0	0	250	0
Lake of the Pines	6,334	2	999	0	40	0	0	0	0	44	1854	115	41	17	0	0	0	254	0	40	707	0	781	0	58	0	0	1149	0
Little Deer Creek	9,138	2	110	0	28	0	0	0	0	24	10	0	0	15	0	4652	0	224	0	178	0	0	1305	0	68	0	0	2856	0
Little Shady Creek	7,930	2	858	0	52	0	0	0	0	71	664	262	9	16	0	0	0	998	0	81	2604	0	2046	0	149	0	0	91	0
Lower Steephollow Creek	4,879	2	8	0	519	0	0	0	0	248	0	0	0	6	0	1180	0	304	0	0	11	0	2584	0	305	0	0	0	0
Meyers Ravine	7,943	2	60	0	62	0	0	0	0	405	43	0	1	0	0	1403	0	2505	0	171	1115	17	1975	0	156	0	0	107	0
Moonshine Creek	4,376	2	274	0	0	11	0	0	0	270	0	0	3	0	0	48	0	1133	0	275	2	0	2249	0	34	0	0	135	0
North Bloomfield	9,491	2	93	0	220	0	0	0	0	257	4	0	0	4	0	6438	0	1234	0	0	0	0	1376	0	67	0	0	25	0
Rattlesnake Creek	3,159	2	113	0	0	1	0	0	0	85	275	76	61	6	0	17	0	12	0	24	11	0	643	0	20	0	0	1882	13
Rock Creek (S Yuba R)	8,818	2	165	0	11	10	0	0	0	123	11	0	16	2	0	2547	0	1050	0	159	87	0	4336	0	48	0	0	406	0
Rollins Reservoir	4,704	2	318	0	12	14	0	0	0	88	0	0	0	111	0	11	0	658	0	0	63	14	2679	0	25	0	0	356	0
Rush Creek	4,873	2	264	0	16	20	0	0	0	321	145	28	3	0	0	364	0	1117	0	207	395	0	1768	0	64	0	0	173	0
Salt Creek	9,189	2	1705	0	0	4	0	0	0	5	1568	190	12	2	0	1	0	558	0	157	3064	0	1340	0	117	0	0	467	0
Shady Glen	4,063	2	896	0	0	0	0	0	0	199	69	0	0	3	0	463	0	983	0	66	311	26	886	0	45	0	0	97	0
Slate Creek	6,865	2	552	0	8	4	0	0	0	507	111	0	2	0	0	2	0	224	0	212	222	0	3635	0	45	0	0	1389	0
South Wolf Creek	8,163	2	1173	0	0	0	0	0	0	558	922	199	26	6	0	0	0	25	0	1	2790	0	1432	0	102	0	0	888	0
Spring Creek	11,431	2	251	0	403	0	0	0	0	343	0	0	0	0	0	2846	0	1091	0	89	0	0	6598	0	116	0	0	46	0
Sweetland Creek	4,542	2	171	0	18	3	0	0	0	84	265	57	0	27	0	52	0	1348	0	179	591	0	1716	0	55	0	0	27	0
Woodpecker Ravine	6,478	2	323	0	0	6	0	0	0	217	6	0	15	0	0	320	0	841	0	146	9	40	3794	0	43	0	0	918	0

NAME	Acres	Zone	Large-Patch Ecosystem Type (acres)																										
			Annual Grassland	Aspen	Barren	Cropland	Eastside Pine	Eastside Riparian	Eastside Scrub	Foothill Chaparral	Foothill Hardwood	Foothill Riparian	Fresh Emergent Wetland	Lacustrine	Lodgepole Pine	Mixed-Conifer	Montane Hardwood	Montane Meadow	Montane Oak	Montane Riparian	Oak-Foothill Pine	Orchards	Ponderosa Pine	Red Fir	Riverine	Subalpine Dwarf Scrub	SubalpineConifer	Urban	Vineyards
Wooley Creek	883	2	46	0	2	0	0	0	0	5	336	0	0	19	0	0	0	26	0	1	32	0	230	0	4	0	0	17	0
Bear Trap	6,527	3	0	0	44	0	0	0	0	0	0	0	6	0	0	5258	97	1145	0	8	0	0	29	70	0	0	0	0	0
Bloody Run	6,135	3	37	0	19	0	0	0	0	28	0	0	0	0	0	5258	0	127	0	2	0	0	670	0	61	0	0	0	0
Bowman Lake	11,770	3	0	0	2184	0	0	0	0	0	0	0	121	41	4629	1634	5	37	43	0	0	0	2734	39	41	0	0	0	0
Buck Ranch	4,890	3	59	0	110	0	0	0	0	161	0	0	0	0	0	4251	0	312	0	0	0	0	42	0	91	0	0	0	0
Buckeye Ridge	10,679	3	3	0	290	0	0	0	0	234	0	0	0	3	0	7004	0	168	0	0	0	0	2862	0	69	0	0	197	0
Burlington Ridge	8,812	3	3	0	7	0	0	0	0	8	0	0	0	2	0	8808	10	68	0	0	0	0	0	0	44	0	0	53	0
Clipper Creek	8,178	3	298	0	10	0	0	0	0	303	0	0	0	11	0	3567	0	659	0	48	0	0	2390	0	50	0	0	1146	0
Diamond Creek	7,520	3	0	0	114	0	0	0	0	0	0	0	0	0	0	6001	397	1307	0	0	0	0	0	103	0	0	0	0	0
East Fork Creek	9,634	3	0	3	271	0	0	0	0	0	0	0	48	23	0	7197	964	64	6	26	0	0	670	57	8	0	0	0	0
English Meadow	5,539	3	0	29	738	0	0	0	0	0	0	0	140	11	53	1854	327	0	52	52	0	0	2334	30	22	0	0	0	0
Fall Creek	6,321	3	0	0	86	0	0	0	0	0	0	0	0	16	0	4912	349	91	3	6	0	0	0	874	36	0	0	0	0
Fordyce Creek	12,695	3	0	0	3369	0	0	0	0	0	0	0	0	57	97	5309	2949	52	79	61	0	0	0	800	128	88	0	0	0
French Lake	7,211	3	0	0	2998	0	0	0	0	0	0	0	0	161	143	1154	706	0	12	155	0	0	0	1298	26	54	0	0	0
Grizzly Creek	7,728	3	103	0	140	0	0	0	0	55	0	0	26	3	0	6488	0	576	0	193	0	5	90	0	103	0	0	4	0
Jackson Meadow Reservoir	2,438	3	0	0	51	0	0	0	0	0	0	0	0	10	0	1623	97	0	8	8	0	0	0	329	7	0	0	1	0
Kingvale	5,463	3	0	0	216	0	0	0	2	0	0	0	4	11	1019	2570	773	0	36	3	0	0	0	473	53	16	0	450	0
Lake Spaulding	10,218	3	0	0	661	0	0	0	0	0	0	0	4	119	0	6647	1126	886	9	10	0	0	0	84	101	0	0	12	0
Lake Valley Reservoir	296	3	0	0	0	0	0	0	0	0	0	0	0	0	0	288	17	0	0	0	0	0	0	1	0	0	0	0	0
Lake Van Norden	10,650	3	0	7	1794	0	0	0	8	0	0	0	134	15	994	3989	975	0	380	27	0	0	0	1940	52	173	388	222	0
Lowell	11,624	3	0	0	1631	0	0	0	0	0	0	0	81	128	232	2003	1198	0	137	18	0	0	0	5679	56	187	0	0	0

NAME	Acres	Zone	Large-Patch Ecosystem Type (acres)																											
			Annual Grassland	Aspen	Barren	Cropland	Eastside Pine	Eastside Riparian	Eastside Scrub	Foothill Chaparral	Foothill Hardwood	Foothill Riparian	Fresh Emergent Wetland	Lacustrine	Lodgepole Pine	Mixed-Conifer	Montane Hardwood	Montane Meadow	Montane Oak	Montane Riparian	Oak-Foothill Pine	Orchards	Ponderosa Pine	Red Fir	Riverine	Subalpine Dwarf Scrub	SubalpineConifer	Urban	Vineyards	
Milton Reservoir	7,597	3	0	8	85	0	0	0	0	0	0	0	11	2	59	5694	472	0	14	16	0	0	0	1244	91	30	0	3	0	
Missouri Canyon	5,582	3	33	0	258	0	0	0	0	223	0	0	0	0	0	3060	0	757	0	0	0	0	1200	0	66	0	0	60	0	
Palmer Ridge	5,264	3	0	0	14	0	0	0	0	0	0	0	0	0	0	5108	32	14	0	0	0	0	0	0	63	0	0	36	0	
Poorman Creek	6,911	3	0	0	97	0	0	0	0	4	0	0	4	0	24	6176	172	151	0	3	0	0	4	406	95	0	0	27	0	
Red Mountain	10,473	3	0	3	475	0	0	0	0	0	0	0	41	22	673	5166	1415	19	79	34	0	0	0	2729	69	4	0	0	0	
Relief	10,081	3	28	0	73	0	0	0	0	110	0	0	0	0	0	8672	0	892	0	0	42	0	408	0	114	0	0	0	0	
Scotts Flat Reservoir	4,128	3	0	0	18	0	0	0	0	2	0	0	0	53	0	3200	0	125	0	0	0	0	7	0	8	0	0	145	0	
South Poorman Creek	7,938	3	0	0	23	0	0	0	0	191	0	0	44	0	9	6674	306	328	0	0	481	0	19	35	67	0	0	0	0	
Spaulding Point	2,338	3	8	0	79	0	0	0	0	93	0	0	0	13	0	1720	121	331	0	0	0	0	41	0	23	0	0	0	0	
Steephollow Creek	11,830	3	5	0	11	0	0	0	0	34	0	0	0	3	0	11158	180	540	0	0	0	0	10	0	124	0	0	0	0	
Texas Creek	7,480	3	0	1	391	0	0	0	0	0	0	0	100	56	22	4798	1067	52	58	70	0	0	0	1013	75	0	0	0	0	
Upper Beardman Creek	2,935	3	0	0	42	0	0	0	0	0	0	0	242	0	0	2086	139	364	10	0	0	0	162	0	9	0	0	19	0	
Washington	7,292	3	0	0	244	0	0	0	0	78	0	0	0	0	0	6725	102	201	3	0	48	0	84	0	71	0	0	85	0	
White Rock Creek	8,575	3	0	4	1482	0	0	0	0	0	0	0	59	35	113	809	381	0	184	32	0	0	0	5242	42	459	36	0	0	
Alder Creek	4,941	4	0	111	171	0	352	3	68	0	0	0	86	0	131	1684	575	0	19	0	0	0	0	92	15	0	0	1785	0	
Boca Reservoir	9,015	4	0	0	155	0	4706	8	1731	0	0	0	0	128	2	432	640	0	265	0	0	0	0	0	54	0	0	0	0	
Cox Delaney Flat	7,739	4	0	0	405	0	2408	37	2608	0	0	0	36	5	0	1079	856	0	2	0	0	0	0	60	208	4	0	16	0	
Donner Lake	7,070	4	0	20	517	0	250	85	51	0	0	0	72	56	480	1583	1339	0	91	0	0	0	0	409	15	2	7	1423	0	
East Martis Creek	6,478	4	0	0	337	0	2276	26	2043	0	0	0	56	47	5	862	60	0	348	0	0	0	0	0	94	0	0	367	0	
Emigrant Canyon	150	4	0	0	24	0	12	0	0	0	0	0	42	7	2	12	22	0	16	0	0	0	0	0	2	0	0	1	0	
Frog Lake	5,498	4	0	40	334	0	3	70	0	0	0	0	331	17	46	2513	476	0	156	0	0	0	0	727	48	78	24	632	0	
Hobart Hills	6,754	4	0	8	17	0	2875	28	61	0	0	0	88	0	153	3035	358	0	69	0	0	0	0	34	77	0	0	0	0	
Independence Lake	4,303	4	0	10	701	0	0	58	0	0	0	0	53	503	0	965	291	0	115	0	0	0	0	1347	27	254	4	0	0	
Lower Sagehen Creek	3,355	4	0	5	0	0	2585	20	65	0	0	0	165	0	93	243	179	0	8	0	0	0	0	0	0	25	0	0	0	0

NAME	Acres	Zone	Large-Patch Ecosystem Type (acres)																										
			Annual Grassland	Aspen	Barren	Cropland	Eastside Pine	Eastside Riparian	Eastside Scrub	Foothill Chaparral	Foothill Hardwood	Foothill Riparian	Fresh Emergent Wetland	Lacustrine	Lodgepole Pine	Mixed-Conifer	Montane Hardwood	Montane Meadow	Montane Oak	Montane Riparian	Oak-Foothill Pine	Orchards	Ponderosa Pine	Red Fir	Riverine	Subalpine Dwarf Scrub	SubalpineConifer	Urban	Vineyards
Lower Truckee River	2,821	4	0	0	24	0	833	43	738	0	0	0	0	2	0	202	908	0	7	0	0	0	0	77	0	0	0	0	0
Perazzo	3,285	4	0	9	429	0	0	30	0	0	0	0	54	0	0	487	215	0	103	0	0	0	1383	21	495	81	0	0	
Prosser Creek Reservoir	8,623	4	0	2	90	0	4188	15	1870	0	0	0	159	93	7	705	16	0	342	0	0	0	0	38	0	0	631	0	
Russel Valley	4,970	4	4	0	17	0	3342	0	696	0	0	0	197	0	0	271	21	0	463	0	0	0	0	66	0	0	1	0	
Stampede Reservoir	317	4	0	0	0	0	252	0	59	0	0	0	0	0	0	1	24	0	0	0	0	0	0	1	0	0	0	0	
Truckee	4,837	4	0	5	103	0	688	12	93	0	0	0	174	21	50	1005	146	0	66	0	0	0	0	0	56	0	2746	0	
Union Mills	10,052	4	0	9	147	0	3506	10	1294	0	0	0	212	1	0	2811	182	0	209	0	0	0	616	202	33	0	976	0	
Upper Sagehen Creek	5,759	4	0	0	18	0	922	10	0	0	0	0	80	0	97	2529	468	0	16	0	0	0	1650	31	1	0	0	0	
Warren Lake	8,478	4	0	80	948	0	35	113	62	0	0	0	362	12	164	2615	1649	0	218	0	0	0	1555	51	420	281	0	0	
Webber Lake	1,863	4	0	0	312	0	0	38	0	0	0	0	0	0	32	373	34	0	7	0	0	0	1028	7	70	0	0	0	
West Fork Gray Creek	2,235	4	0	0	179	0	4	23	222	0	0	0	0	0	0	599	900	0	20	0	0	0	321	9	11	0	0	0	
West Martis Creek	928	4	0	0	75	0	82	0	214	0	0	0	0	0	0	13	8	0	1	0	0	0	0	1	0	0	542	0	
Worn Mill Canyon	1,300	4	0	0	39	0	1020	11	74	0	0	0	75	0	0	0	2	0	61	0	0	0	0	46	0	0	0	0	

Table IX-2: Acreages of Small-Patch Ecosystems in Nevada County Watersheds

NAME	Zone	Caves and Mine Shafts (number)	Gabbroiorite Soils (acres)	Knobcone Pine Stands (acres)	Late-Successional Mixed-Conifer Forest (acres)	Late-Successional Red Fir Forest (acres)	Leather Oak Chaparral Stands (acres)	McNab Cypress Woodlands (acres)	Serpentine Soils (acres)	Springs, Seeps and Fens (number)	Valley Oak Woodlands (acres)	Volcanic Lava Caps and Mudflows (acres)	Whitebark Pine Stands (acres)	Nevada County Wildlife Habitat Relationships Habitat Types (number of types)
Bald Rock Mountain	1	0	0	0	0	0	0	0	0	0	0	0	0	9
Camp Far West Reservoir	1	0	0	0	0	0	0	0	0	0	0	0	0	8
Dempsey Creek	1	1	0	0	0	0	0	0	0	0	12	0	0	7
Excelsior	1	3	162	0	0	0	0	0	3	0	65	0	0	12
Indian Springs Creek	1	0	0	0	0	0	0	0	0	1	167	0	0	12
Little Dry Creek	1	3	0	0	0	0	0	0	0	1	18	0	0	11
Rock Creek (Bear R)	1	1	0	0	0	0	0	0	0	1	8	0	0	12
Slacks Ravine	1	1	0	0	0	0	0	0	0	0	11	0	0	10
Spenceville	1	0	0	0	0	0	0	0	0	1	4	0	0	8
Squirrel Creek	1	1	0	0	0	0	0	0	0	0	295	0	0	11
Sugarloaf Mtn.	1	3	162	0	0	0	0	0	15	0	148	0	0	12
Tarr Ditch	1	0	749	0	0	0	0	0	84	0	85	0	0	12
Vineyard Creek	1	0	0	0	0	0	0	0	0	0	0	0	0	6
Wolf Creek	1	2	0	0	0	0	0	0	0	4	4	0	0	13
Woods Creek	1	0	0	0	0	0	0	0	0	0	46	0	0	9
Blind Shady Creek	2	0	94	0	0	0	0	0	7	2	0	0	0	14
Campbell Creek	2	0	0	0	0	0	0	0	0	0	98	0	0	11
Cedar Ravine	2	0	49	0	0	0	0	0	0	0	99	0	0	11
Clear Creek	2	2	1,449	0	0	0	0	2	0	0	152	0	0	14
Colgate Powerhouse	2	0	0	0	0	0	0	0	0	0	0	0	0	10
French Ravine	2	4	1,085	0	0	0	0	37	42	0	0	0	0	11
Grass Valley	2	35	186	0	0	0	47	20	218	0	0	13	0	15
Grub Creek	2	5	1,695	0	0	0	0	3	39	0	95	44	0	13
Kentucky Ravine	2	0	287	0	0	0	0	0	0	0	219	0	0	13
Lake of the Pines	2	2	0	0	0	0	0	0	0	2	43	0	0	12

NAME	Zone	Caves and Mine Shafts (number)	Gabbroiorite Soils (acres)	Knobcone Pine Stands (acres)	Late-Successional Mixed-Conifer Forest (acres)	Late-Successional Red Fir Forest (acres)	Leather Oak Chaparral Stands (acres)	McNab Cypress Woodlands (acres)	Serpentine Soils (acres)	Springs, Seeps and Fens (number)	Valley Oak Woodlands (acres)	Volcanic Lava Caps and Mudflows (acres)	Whitebark Pine Stands (acres)	Nevada County Wildlife Habitat Relationships Habitat Types (number of types)
Little Deer Creek	2	8	0	0	0	0	0	0	0	0	0	0	0	11
Little Shady Creek	2	2	202	0	0	0	0	13	57	0	19	0	0	13
Lower Steephollow Creek	2	1	0	4	0	0	0	0	0	0	0	0	0	9
Meyers Ravine	2	2	257	0	79	0	0	33	0	7	0	0	0	12
Moonshine Creek	2	0	0	0	0	0	0	0	0	0	0	0	0	11
North Bloomfield	2	1	0	0	0	0	0	0	0	3	0	0	0	10
Rattlesnake Creek	2	3	6	0	0	0	0	0	0	0	12	0	0	14
Rock Creek (S Yuba R)	2	1	0	0	0	0	0	0	0	2	0	0	0	13
Rollins Reservoir	2	2	0	0	0	0	35	0	180	1	0	0	0	12
Rush Creek	2	4	934	0	0	0	0	48	65	2	0	0	0	12
Salt Creek	2	7	0	0	0	0	0	0	435	0	103	0	0	13
Shady Glen	2	1	429	0	0	0	0	0	0	0	0	0	0	12
Slate Creek	2	23	448	0	0	0	115	18	723	0	0	9	0	13
South Wolf Creek	2	3	1,501	0	0	0	0	0	514	0	101	0	0	11
Spring Creek	2	2	73	59	299	0	0	0	0	3	0	0	0	10
Sweetland Creek	2	4	0	0	0	0	0	0	0	0	0	0	0	13
Woodpecker Ravine	2	0	135	0	0	0	0	0	42	0	0	0	0	12
Wooley Creek	2	0	0	0	0	0	0	0	0	0	0	0	0	11
Bear Trap	3	6	0	0	0	0	0	0	0	2	0	0	0	8
Bloody Run	3	0	0	0	0	0	0	0	0	1	0	0	0	8
Bowman Lake	3	3	0	0	0	229	0	0	0	0	0	0	0	11
Buck Ranch	3	8	0	0	0	0	0	0	26	2	0	0	0	7
Buckeye Ridge	3	3	0	2	0	0	0	0	0	5	0	0	0	9
Burlington Ridge	3	0	0	0	0	0	0	0	0	1	0	0	0	9
Clipper Creek	3	1	0	0	0	0	0	0	0	0	0	7	0	11

NAME	Zone	Caves and Mine Shafts (number)	Gabbrodiorite Soils (acres)	Knobcone Pine Stands (acres)	Late-Successional Mixed-Conifer Forest (acres)	Late-Successional Red Fir Forest (acres)	Leather Oak Chaparral Stands (acres)	McNab Cypress Woodlands (acres)	Serpentine Soils (acres)	Springs, Seeps and Fens (number)	Valley Oak Woodlands (acres)	Volcanic Lava Caps and Mudflows (acres)	Whitebark Pine Stands (acres)	Nevada County Wildlife Habitat Relationships Habitat Types (number of types)
Diamond Creek	3	4	0	0	0	0	0	0	0	0	0	0	0	5
East Fork Creek	3	0	0	0	0	0	0	0	0	0	0	0	0	12
English Meadow	3	0	0	0	0	14	0	0	0	0	0	0	0	12
Fall Creek	3	2	0	0	0	0	0	0	0	0	0	0	0	9
Fordyce Creek	3	4	0	0	0	60	0	0	0	0	0	0	0	11
French Lake	3	3	0	0	0	59	0	0	0	0	0	0	0	10
Grizzly Creek	3	2	0	0	76	0	0	0	0	1	0	0	0	12
Jackson Meadow Reservoir	3	0	0	0	0	0	0	0	0	1	0	0	0	9
Kingvale	3	0	0	0	0	0	0	0	0	1	0	0	0	13
Lake Spaulding	3	1	0	0	0	0	0	0	0	1	0	0	0	12
Lake Valley Reservoir	3	0	0	0	0	0	0	0	0	0	0	0	0	3
Lake Van Norden	3	0	0	0	0	133	0	0	0	0	0	0	6	15
Lowell	3	4	0	0	0	0	0	0	0	2	0	0	0	11
Milton Reservoir	3	0	0	0	0	0	0	0	0	0	0	0	0	13
Missouri Canyon	3	2	0	7	0	0	0	0	0	0	0	0	0	8
Palmer Ridge	3	8	0	0	0	0	0	0	32	0	0	0	0	6
Poorman Creek	3	6	0	0	0	0	0	0	0	1	0	0	0	12
Red Mountain	3	4	0	0	0	0	0	0	0	0	0	0	0	14
Relief	3	3	0	0	0	0	0	0	10	4	0	0	0	8
Scotts Flat Reservoir	3	1	0	0	0	0	0	0	0	0	0	0	0	8
South Poorman Creek	3	8	0	0	393	0	0	0	1298	4	0	0	0	11
Spaulding Point	3	2	0	0	0	0	0	0	181	3	0	0	0	9
Steepollow Creek	3	1	0	0	0	0	0	0	83	3	0	0	0	9
Texas Creek	3	0	0	0	0	0	0	0	0	7	0	0	0	12

NAME	Zone	Caves and Mine Shafts (number)	Gabbro-diorite Soils (acres)	Knobcone Pine Stands (acres)	Late-Successional Mixed-Conifer Forest (acres)	Late-Successional Red Fir Forest (acres)	Leather Oak Chaparral Stands (acres)	McNab Cypress Woodlands (acres)	Serpentine Soils (acres)	Springs, Seeps and Fens (number)	Valley Oak Woodlands (acres)	Volcanic Lava Caps and Mudflows (acres)	Whitebark Pine Stands (acres)	Nevada County Wildlife Habitat Relationships Habitat Types (number of types)
Upper Beardman Creek	3	0	0	0	0	0	0	0	0	0	0	0	0	9
Washington	3	5	0	2	0	0	0	0	499	1	0	0	0	10
White Rock Creek	3	0	0	0	0	1215	0	0	0	0	0	0	2	13
Alder Creek	4	0	0	0	0	0	0	0	0	0	0	0	0	13
Boca Reservoir	4	0	0	0	0	0	0	0	0	6	0	0	0	10
Cox Delaney Flat	4	1	0	0	0	0	0	0	0	0	0	0	0	14
Donner Lake	4	0	0	0	0	0	0	0	0	0	0	0	0	16
East Martis Creek	4	0	0	0	0	0	0	0	0	2	0	0	0	13
Emigrant Canyon	4	0	0	0	0	0	0	0	0	0	0	0	0	10
Frog Lake	4	0	0	0	0	0	0	0	0	0	0	0	0	15
Hobart Hills	4	0	0	0	0	0	0	0	0	1	0	0	0	12
Independence Lake	4	0	0	0	0	692	0	0	0	0	0	0	0	13
Lower Sagehen Creek	4	0	0	0	0	0	0	0	0	1	0	0	0	11
Lower Truckee River	4	0	0	0	0	0	0	0	0	0	0	0	0	9
Perazzo	4	0	0	0	0	9	0	0	0	0	0	0	0	11
Prosser Creek Reservoir	4	0	0	0	0	0	0	0	0	0	0	0	0	14
Russel Valley	4	0	0	0	0	0	0	0	0	0	0	0	0	10
Stampede Reservoir	4	0	0	0	0	0	0	0	0	0	0	0	0	5
Truckee	4	0	0	0	0	0	0	0	0	0	0	0	0	13
Union Mills	4	0	0	0	0	0	0	0	0	4	0	0	0	15
Upper Sagehen Creek	4	0	0	0	0	0	0	0	0	1	0	0	0	11
Warren Lake	4	0	0	0	0	575	0	0	0	0	0	0	24	15
Webber Lake	4	0	0	0	0	217	0	0	0	0	0	0	0	10
West Fork Gray Creek	4	0	0	0	0	0	0	0	0	0	0	0	0	10
West Martis Creek	4	0	0	0	0	0	0	0	0	0	0	0	0	9
Worn Mill Canyon	4	0	0	0	0	0	0	0	0	0	0	0	0	8

Table IX-3: Non-habitat Theme Summary Statistics for Nevada County Watersheds

Name	Zone	Statistics by Watershed											
		Canals (total miles)	Contiguous Unimproved Tracts Greater Than 80 Acres (total acres)	Elevation (mean, in feet)	Arable Lands from NIID (total acres)	Irrigated Lands from NIID (total acres)	Parcel size in streamside zone (mean, in acres)	Private Lands (total acres)	Public Lands (total acres)	Slope Steepness (percentise, mean)	Dams (total number)	Roads in the Streamside Zone (total miles)	Redlist and Yellowlist Plants and Animals (species/watershed)
Bald Rock Mountain	1	1.8	1,984	1,023	241	56	190	2,763	201	23	0	1.0	0
Camp Far West Reservoir	1	0.0	1,245	509	205	68	174	1,765	179	15	0	0.8	0
Dempsey Creek	1	0.0	836	897	595	4	359	1,652	57	16	0	0.1	0
Excelsior	1	9.2	1,967	1,531	1,329	218	29	7,071	65	17	10	5.8	0
Indian Springs Creek	1	9.9	2,838	1,491	3,615	425	274	7,619	108	13	15	3.8	1
Little Dry Creek	1	1.4	5,197	1,091	782	18	318	5,813	842	19	1	5.6	0
Rock Creek (Bear R)	1	2.5	4,336	902	918	337	119	6,411	265	16	13	7.1	2
Slacks Ravine	1	3.3	1,486	1,232	444	21	19	3,264	5	15	1	5.4	0
Spenceville	1	0.0	4,770	953	1,937	45	305	4,987	862	14	0	5.5	1
Squirrel Creek	1	14.3	2,332	1,367	2,203	377	52	6,487	13	15	2	5.5	0
Sugarloaf Mtn.	1	1.7	2,443	1,410	2,579	740	56	6,305	11	15	6	5.8	0
Tarr Ditch	1	11.3	1,941	1,867	1,941	220	72	5,670	55	14	5	5.0	2
Vineyard Creek	1	0.9	2,161	702	600	195	228	2,686	1,382	13	4	4.7	1
Wolf Creek	1	16.4	4,173	1,120	2,245	923	175	9,110	18	13	3	14.2	1
Woods Creek	1	0.0	2,311	1,111	420	16	228	4,061	251	23	9	1.9	0
Blind Shady Creek	2	0.0	3,690	2,366	0	0	128	8,070	1,065	17	27	10.0	3
Campbell Creek	2	0.0	209	1,955	226	0	155	1,435	671	21	2	3.0	0
Cedar Ravine	2	1.8	1,941	1,949	492	71	21	7,758	6	22	1	12.3	0
Clear Creek	2	1.8	1,415	1,842	1,152	104	110	4,335	610	13	3	5.2	1
Colgate Powerhouse	2	0.0	1,865	1,363	0	0	141	2,064	336	38	0	1.7	0
French Ravine	2	6.9	992	2,225	660	101	30	3,236	73	11	3	3.8	4
Grass Valley	2	17.9	2,939	2,603	725	171	24	9,772	1,200	12	20	12.8	9

Name	Zone	Statistics by Watershed											
		Canals (total miles)	Contiguous Unimproved Tracts Greater Than 80 Acres (total acres)	Elevation (mean, in feet)	Arable Lands from NID (total acres)	Irrigated Lands from NID (total acres)	Parcel size in streamside zone (mean, in acres)	Private Lands (total acres)	Public Lands (total acres)	Slope Steepness (percentrise, mean)	Dams (total number)	Roads in the Streamside Zone (total miles)	Redlist and Yellowlist Plants and Animals (species/watershed)
Grub Creek	2	10.2	1,555	2,066	783	79	67	5,007	911	13	4	7.7	3
Kentucky Ravine	2	3.7	2,162	1,436	1,435	307	53	5,874	816	20	12	7.2	1
Lake of the Pines	2	4.2	1,760	1,575	1,476	227	97	5,810	61	13	18	7.3	0
Little Deer Creek	2	20.3	1,915	3,016	211	47	28	8,150	554	17	22	9.8	1
Little Shady Creek	2	8.3	4,207	1,694	299	114	108	6,156	1,680	26	21	10.6	0
Lower Steephollow Creek	2	0.0	2,557	2,776	0	0	162	3,220	1,639	28	0	6.4	0
Meyers Ravine	2	2.6	2,429	2,352	219	6	139	5,226	2,704	33	3	3.0	1
Moonshine Creek	2	0.0	1,088	2,124	0	0	53	3,748	510	22	28	3.6	0
North Bloomfield	2	0.0	2,730	3,576	0	0	264	3,220	6,257	27	6	3.5	8
Rattlesnake Creek	2	6.0	251	2,232	167	160	15	2,942	12	13	9	3.2	0
Rock Creek (S Yuba R)	2	0.0	1,900	3,007	814	13	81	6,595	2,175	18	22	7.7	2
Rollins Reservoir	2	0.5	1,786	2,444	640	102	30	3,969	209	18	1	5.0	0
Rush Creek	2	2.9	1,106	2,125	524	26	51	4,174	633	21	2	6.1	4
Salt Creek	2	1.6	2,619	1,586	1,472	356	69	8,948	114	16	13	15.5	1
Shady Glen	2	1.2	925	2,201	613	64	48	3,510	499	18	2	5.8	0
Slate Creek	2	14.5	2,801	2,389	753	17	22	6,265	383	15	5	6.1	2
South Wolf Creek	2	15.6	2,227	1,781	1,145	302	45	7,728	275	17	6	12.1	0
Spring Creek	2	0.0	3,404	3,036	31	0	161	6,308	5,028	25	14	5.9	10
Sweetland Creek	2	0.0	2,318	1,945	0	0	57	4,068	416	22	4	4.5	0
Woodpecker Ravine	2	4.1	2,006	2,387	598	76	34	6,344	11	19	18	8.0	0
Wooley Creek	2	0.0	279	1,719	101	0	493	624	88	16	0	0.0	0
Bear Trap	3	1.5	2,385	4,978	0	0	447	2,484	4,059	40	1	5.9	1
Bloody Run	3	0.0	2,851	4,010	0	0	265	3,412	2,718	27	3	6.5	5
Bowman Lake	3	0.0	2,611	6,414	0	0	380	2,802	8,294	23	17	2.9	4
Buck Ranch	3	0.0	1,738	3,919	0	0	191	2,029	2,836	40	8	2.5	5
Buckeye Ridge	3	0.0	6,123	3,545	0	0	195	6,988	3,641	24	3	6.1	3

Name	Zone	Statistics by Watershed											
		Canals (total miles)	Contiguous Unimproved Tracts Greater Than 80 Acres (total acres)	Elevation (mean, in feet)	Arable Lands from NID (total acres)	Irrigated Lands from NID (total acres)	Parcel size in streamside zone (mean, in acres)	Private Lands (total acres)	Public Lands (total acres)	Slope Steepness (percentrise, mean)	Dams (total number)	Roads in the Streamside Zone (total miles)	Redlist and Yellowlist Plants and Animals (species/watershed)
Burlington Ridge	3	10.5	2,130	4,160	0	0	351	3,061	5,682	24	6	5.6	2
Clipper Creek	3	3.5	2,134	2,888	382	57	24	8,011	58	17	11	13.3	1
Diamond Creek	3	0.0	3,839	4,104	0	0	210	4,060	3,441	38	2	8.6	6
East Fork Creek	3	0.0	5,433	6,017	0	0	584	5,477	3,670	30	5	4.2	5
English Meadow	3	0.0	2,708	6,939	0	0	393	2,818	2,710	25	0	2.1	1
Fall Creek	3	2.8	2,628	6,002	0	0	492	2,671	3,605	23	25	5.4	3
Fordyce Creek	3	0.0	1,213	6,472	0	0	621	1,288	11,329	29	2	3.3	1
French Lake	3	0.0	350	7,039	0	0	528	568	5,913	22	8	1.2	1
Grizzly Creek	3	0.0	3,670	2,901	0	0	172	4,982	2,702	30	9	5.5	2
Jackson Meadow Reservoir	3	0.0	879	6,436	0	0	277	924	1,055	23	6	1.1	3
Kingvale	3	0.0	4,070	6,636	0	0	35	4,624	777	21	5	1.6	1
Lake Spaulding	3	11.7	5,616	5,167	0	0	391	6,140	2,802	28	21	1.3	3
Lake Valley Reservoir	3	0.0	215	5,983	0	0	n/a	253	31	16	0	0.0	0
Lake Van Norden	3	0.0	3,575	7,404	0	0	348	4,678	5,681	20	8	4.6	5
Lowell	3	0.0	5,167	7,073	0	0	493	5,230	5,513	19	8	4.0	4
Milton Reservoir	3	0.0	3,272	6,221	0	0	504	3,367	4,160	31	7	3.8	3
Missouri Canyon	3	0.0	3,588	2,781	27	13	44	5,158	411	22	2	9.6	1
Palmer Ridge	3	0.0	1,957	4,571	0	0	325	2,153	3,086	39	0	2.3	3
Poorman Creek	3	0.0	4,008	4,989	0	0	411	4,188	2,723	29	5	5.6	5
Red Mountain	3	0.0	4,258	6,465	0	0	430	4,683	5,473	22	2	4.3	3
Relief	3	0.0	3,665	3,653	0	0	420	4,720	5,335	38	6	5.8	4
Scotts Flat Reservoir	3	8.1	800	3,428	37	0	209	1,788	1,623	19	5	1.5	1
South Poorman Creek	3	0.0	3,227	4,524	0	0	345	3,309	4,637	34	1	3.5	4
Spaulding Point	3	0.0	1,013	3,533	0	0	239	1,198	1,108	33	2	2.3	0
Steephollow Creek	3	6.6	4,986	4,207	0	0	348	5,199	6,641	29	5	4.2	4
Texas Creek	3	3.3	3,351	5,948	0	0	514	3,457	3,888	27	17	4.6	3

Name	Zone	Statistics by Watershed											
		Canals (total miles)	Contiguous Unimproved Tracts Greater Than 80 Acres (total acres)	Elevation (mean, in feet)	Arable Lands from NIID (total acres)	Irrigated Lands from NIID (total acres)	Parcel size in streamside zone (mean, in acres)	Private Lands (total acres)	Public Lands (total acres)	Slope Steepness (percentise, mean)	Dams (total number)	Roads in the Streamside Zone (total miles)	Redlist and Yellowlist Plants and Animals (species/watershed)
Upper Beardman Creek	3	6.1	1,616	4,640	0	0	190	1,772	1,115	29	0	0.9	0
Washington	3	0.0	1,861	3,728	0	0	285	2,789	4,495	38	15	4.1	7
White Rock Creek	3	0.0	2,608	7,570	0	0	523	3,071	5,382	21	3	1.5	3
Alder Creek	4	0.0	1,411	6,569	0	0	319	2,928	1,325	17	0	2.9	1
Boca Reservoir	4	0.0	4,915	5,959	0	0	417	4,949	3,098	12	4	8.4	4
Cox Delaney Flat	4	0.0	4,386	6,131	0	0	373	4,695	2,961	35	0	5.2	0
Donner Lake	4	0.0	2,552	6,648	0	0	128	3,603	1,874	22	26	3.5	5
East Martis Creek	4	0.0	3,723	6,005	0	0	239	5,138	1,192	10	6	1.6	2
Emigrant Canyon	4	0.0	0	5,941	0	0	59	119	18	3	0	0.7	0
Frog Lake	4	0.0	2,934	7,083	0	0	376	4,107	1,298	25	3	4.0	3
Hobart Hills	4	0.0	111	6,320	0	0	392	297	6,357	17	1	4.9	4
Independence Lake	4	0.0	2,076	7,646	0	0	418	2,076	2,227	31	0	0.3	4
Lower Sagehen Creek	4	0.0	365	6,484	0	0	319	365	2,977	15	0	2.9	10
Lower Truckee River	4	0.0	2,078	5,928	0	0	237	2,113	597	41	0	2.5	1
Perazzo	4	0.0	1,130	7,934	0	0	498	1,130	2,165	28	0	1.0	2
Prosser Creek Reservoir	4	0.0	2,006	5,913	0	0	240	3,486	4,207	9	6	3.8	3
Russel Valley	4	0.0	2,172	5,903	0	0	330	2,593	2,365	11	1	12.0	1
Stampede Reservoir	4	0.0	249	6,451	0	0	288	249	70	9	0	0.3	0
Truckee	4	0.0	1,140	6,288	0	0	46	4,084	357	13	6	5.6	1
Union Mills	4	0.0	6,485	6,335	0	0	319	9,647	364	18	5	9.3	1
Upper Sagehen Creek	4	0.0	941	7,128	0	0	503	941	4,813	17	1	2.4	9
Warren Lake	4	0.0	2,753	7,268	0	0	430	3,570	4,870	35	0	0.5	5
Webber Lake	4	0.0	693	7,535	0	0	576	693	1,191	27	0	1.0	2
West Fork Gray Creek	4	0.0	1,266	6,766	0	0	436	1,397	829	48	0	0.0	0
West Martis Creek	4	0.0	247	5,934	0	0	62	755	161	5	0	0.2	1
Worn Mill Canyon	4	0.0	489	6,043	0	0	170	497	792	20	0	1.8	2