

APPENDIX 3.7-B: SCIENTIFIC NOMENCLATURE

Table 1 Scientific Nomenclature of All Species Mentioned in Text

| Common Name | Scientific Name |
|-----------------------------|---|
| Plants | |
| Alkali milkvetch | <i>Astragalus tener</i> var. <i>tener</i> |
| Anderson's manzanita | <i>Arctostaphylos andersonii</i> |
| Arburua Ranch jewelflower | <i>Streptanthus insignis</i> ssp. <i>lyonii</i> |
| Arcuate bush-mallow | <i>Malacothamnus arcuatus</i> |
| Bent-flowered fiddleneck | <i>Amsinckia lunaris</i> |
| Big-scale balsamroot | <i>Balsamorhiza macrolepis</i> |
| Bristly sedge | <i>Carex comosa</i> |
| Brittlescale | <i>Atriplex depressa</i> |
| California alkali grass | <i>Puccinellia simplex</i> |
| Caper-fruited tropidocarpum | <i>Tropidocarpum capparideum</i> |
| Chaparral harebell | <i>Campanula exigua</i> |
| Chaparral ragwort | <i>Senecio aphanactis</i> |
| Colusa grass | <i>Neostapfia colusana</i> |
| Congdon's tarplant | <i>Centromadia parryi</i> ssp. <i>congdonii</i> |
| Coulter's goldfields | <i>Lasthenia glabrata</i> ssp. <i>coulteri</i> |
| Coyote ceanothus | <i>Ceanothus ferrisiae</i> |
| Delta button-celery | <i>Eryngium racemosum</i> |
| Eucalyptus | <i>Eucalyptus</i> spp. |
| Fragrant fritillary | <i>Fritillaria liliacea</i> |
| Giant reed | <i>Arundo donax</i> |
| Greene's tuctoria | <i>Tuctoria greenei</i> |
| Hairless popcornflower | <i>Plagiobothrys glaber</i> |
| Hairy Orcutt grass | <i>Orcuttia pilosa</i> |
| Hall's bush-mallow | <i>Malacothamnus hallii</i> |
| Heartscale | <i>Atriplex cordulata</i> var. <i>cordulata</i> |
| Hispid salty bird's-beak | <i>Chloropyron molle</i> ssp. <i>hispidum</i> |
| Hooker's manzanita | <i>Arctostaphylos hookeri</i> ssp. <i>hookeri</i> |
| Hoover's cryptantha | <i>Cryptantha hooveri</i> |
| Hoover's spurge | <i>Euphorbia hooveri</i> |
| Hoover's button-celery | <i>Eryngium aristulatum</i> var. <i>hooveri</i> |
| Hospital Canyon larkspur | <i>Delphinium californicum</i> ssp. <i>interius</i> |
| Indian Valley bush-mallow | <i>Malacothamnus aboriginum</i> |

| Common Name | Scientific Name |
|----------------------------------|---|
| Kings Mountain manzanita | <i>Arctostaphylos regismontana</i> |
| Legenere | <i>Legenere limosa</i> |
| Lemmon's jewelflower | <i>Caulanthus lemmonii</i> |
| Lesser saltscale | <i>Atriplex minuscula</i> |
| Lime Ridge navarretia | <i>Navarretia gowenii</i> |
| Little mousetail | <i>Myosurus minimus</i> ssp. <i>apus</i> |
| Loma Prieta hoita | <i>Hoita strobilina</i> |
| Lost Hills crownscale | <i>Atriplex coronata</i> var. <i>vallicola</i> |
| Marsh microseris | <i>Microseris paludosa</i> |
| Merced phacelia | <i>Phacelia ciliata</i> var. <i>opaca</i> |
| Metcalf Canyon jewelflower | <i>Streptanthus albidus</i> ssp. <i>albidus</i> |
| Most beautiful jewelflower | <i>Streptanthus albidus</i> ssp. <i>peramoenus</i> |
| Mount Diablo cottonweed | <i>Micropus amphibolus</i> |
| Mount Hamilton fountain thistle | <i>Cirsium fontinale</i> var. <i>campylon</i> |
| Mount Hamilton jewelflower | <i>Streptanthus callistus</i> |
| Pajaro manzanita | <i>Arctostaphylos pajaroensis</i> |
| Palmate-bracted bird's-beak | <i>Chloropyron palmatum</i> |
| Pink creamsacs | <i>Castilleja rubicundula</i> var. <i>rubicundula</i> |
| Pinnacles buckwheat | <i>Eriogonum nortonii</i> |
| Prostrate vernal pool navarretia | <i>Navarretia prostrata</i> |
| Recurved larkspur | <i>Delphinium recurvatum</i> |
| Rock sanicle | <i>Sanicula saxatilis</i> |
| Round-leaved filaree | <i>California macrophylla</i> |
| Saline clover | <i>Trifolium hydrophilum</i> |
| San Antonio Hills monardella | <i>Monardella antonina</i> ssp. <i>antonina</i> |
| San Francisco collinsia | <i>Collinsia multicolor</i> |
| San Joaquin Orcutt grass | <i>Orcuttia inaequalis</i> |
| San Joaquin spearscale | <i>Extriplex joaquinana</i> |
| Sanford's arrowhead | <i>Sagittaria sanfordii</i> |
| Santa Clara Valley dudleya | <i>Dudleya abramsii</i> ssp. <i>setchellii</i> |
| Santa Cruz clover | <i>Trifolium buckwestiorum</i> |
| Santa Cruz Mountains beardtongue | <i>Penstemon rattanii</i> var. <i>kleei</i> |
| Shining navarretia | <i>Navarretia nigelliformis</i> ssp. <i>radians</i> |
| Showy golden madia | <i>Madia radiata</i> |
| Slender-leaved pondweed | <i>Stuckenia filiformis</i> ssp. <i>alpina</i> |

| Common Name | Scientific Name |
|--|---|
| Smooth lessingia | <i>Lessingia micradenia</i> var. <i>glabrata</i> |
| Spiny-sepaled button-celery | <i>Eryngium spinosepalum</i> |
| Subtle orache | <i>Atriplex subtilis</i> |
| Succulent owl's-clover | <i>Castilleja campestris</i> var. <i>succulenta</i> |
| Tamarisk | <i>Tamarisk</i> sp. |
| Tiburon paintbrush | <i>Castilleja affinis</i> var. <i>neglecta</i> |
| Vernal barley | <i>Hordeum intercedens</i> |
| Vernal pool smallscale | <i>Atriplex persistens</i> |
| Western Heermann's buckwheat | <i>Eriogonum heermannii</i> var. <i>occidentale</i> |
| Woodland woollythreads | <i>Monolopia gracilens</i> |
| Woolly-headed lessingia | <i>Lessingia hololeuca</i> |
| Wright's trichocoronis | <i>Trichocoronis wrightii</i> var. <i>wrightii</i> |
| Invertebrates | |
| Bay checkerspot butterfly | <i>Euphydryas editha bayensis</i> |
| Conservancy fairy shrimp | <i>Branchinecta conservatio</i> |
| Longhorn fairy shrimp | <i>Branchinecta longiantenna</i> |
| Monarch butterfly | <i>Danaus plexippus</i> |
| Vernal pool fairy shrimp | <i>Branchinecta lynchi</i> |
| Vernal pool tadpole shrimp | <i>Lepidurus packardii</i> |
| Valley elderberry longhorn beetle | <i>Desmocerus californicus dimorphus</i> |
| Fish | |
| Pacific lamprey | <i>Entosphenus tridentatus</i> |
| Steelhead – Central California Coast and South-Central California Coast DPSs | <i>Oncorhynchus mykiss</i> |
| Chinook salmon – Central Valley Fall-Run ESU ⁴ | <i>Oncorhynchus tshawytscha</i> |
| Amphibians | |
| Arboreal salamander | <i>Aneides lugubris</i> |
| California newt | <i>Taricha torosa</i> |
| California slender salamander | <i>Batrachoseps attenuatus</i> |
| Ensatina | <i>Ensatina eschscholtzii</i> |
| California tiger salamander | <i>Ambystoma californiense</i> |
| Sierran treefrog | <i>Pseudacris sierra</i> |
| California red-legged frog | <i>Rana draytonii</i> |
| Foothill yellow-legged frog | <i>Rana boylei</i> |
| Western toad | <i>Bufo boreas</i> |

| Common Name | Scientific Name |
|--------------------------------------|--|
| Western spadefoot | <i>Spea (=Scaphiopus) hammondii</i> |
| Reptiles | |
| Western pond turtle | <i>Emys (= Clemmys /Actinemys) marmorata</i> |
| Western fence lizard | <i>Sceloporus occidentalis</i> |
| Blunt-nosed leopard lizard | <i>Gambelia sila</i> |
| Northern California legless lizard | <i>Anniella pulchra</i> |
| Coast (= Blainville's) horned lizard | <i>Phrynosoma blainvillii</i> |
| Southern alligator lizard | <i>Elgaria multicarinata</i> |
| Northern rubber boa | <i>Charina bottae</i> |
| Common sharp-tailed snake | <i>Contia tenuis</i> |
| Ring-necked snake | <i>Diadophis punctatus</i> |
| San Joaquin whipsnake | <i>Masticophis flagellum ruddocki</i> |
| Striped racer | <i>Coluber lateralis</i> |
| Common garter snake | <i>Thamnophis sirtalis</i> |
| Giant garter snake | <i>Thamnophis gigas</i> |
| California kingsnake | <i>Lampropeltis californiae</i> |
| Gopher snake | <i>Pituophis catenifer</i> |
| Western rattlesnake | <i>Crotalus oreganus</i> |
| Birds | |
| Greater white-fronted goose | <i>Anser albifrons</i> |
| Snow goose | <i>Anser caerulescens</i> |
| Ross's goose | <i>Anser rossii</i> |
| Cackling goose | <i>Branta hutchinsii</i> |
| Canada goose | <i>Branta canadensis</i> |
| Tundra swan | <i>Cygnus columbianus</i> |
| Gadwall | <i>Mareca strepera</i> |
| Cinnamon teal | <i>Spatula cyanoptera</i> |
| Northern shoveler | <i>Spatula clypeata</i> |
| Green-winged teal | <i>Anas crecca</i> |
| Mallard | <i>Anas platyrhynchos</i> |
| Northern pintail | <i>Anas acuta</i> |
| Redhead | <i>Aythya americana</i> |
| Canvasback | <i>Aythya valisineria</i> |
| Ring-necked duck | <i>Aythya collaris</i> |
| Greater scaup | <i>Aythya marila</i> |

| Common Name | Scientific Name |
|--|--|
| Bufflehead | <i>Bucephala albeola</i> |
| Ruddy duck | <i>Oxyura jamaicensis</i> |
| Western grebe | <i>Aechmophorus occidentalis</i> |
| Western yellow-billed cuckoo | <i>Coccyzus americanus</i> |
| White-throated swift | <i>Aeronautes saxatalis</i> |
| Anna's hummingbird | <i>Calypte anna</i> |
| Black rail | <i>Laterallus jamaicensis</i> |
| Virginia rail | <i>Rallus limicola</i> |
| Sora | <i>Porzana carolina</i> |
| Greater sandhill crane | <i>Antigone canadensis tabida</i> |
| Lesser sandhill crane | <i>Antigone canadensis canadensis</i> |
| American avocet | <i>Recurvirostra americana</i> |
| Western snowy plover (interior population) | <i>Charadrius alexandrinus nivosus</i> |
| Killdeer | <i>Charadrius vociferus</i> |
| Mountain plover | <i>Charadrius montanus</i> |
| Whimbrel | <i>Numenius phaeopus</i> |
| Dunlin | <i>Calidris alpina</i> |
| Least sandpiper | <i>Calidris minutilla</i> |
| Western sandpiper | <i>Calidris mauri</i> |
| Long-billed dowitcher | <i>Limnodromus scolopaceus</i> |
| Spotted sandpiper | <i>Actitis macularia</i> |
| Greater yellowlegs | <i>Tringa melanoleuca</i> |
| California gull | <i>Larus californicus</i> |
| Black tern | <i>Chlidonias niger</i> |
| Forster's tern | <i>Sterna forsteri</i> |
| Great blue heron | <i>Ardea herodias</i> |
| Great egret | <i>Ardea alba</i> |
| Snowy egret | <i>Egretta thula</i> |
| Little blue heron | <i>Egretta caerulea</i> |
| Cattle egret | <i>Bubulcus ibis</i> |
| Black-crowned night-heron | <i>Nycticorax nycticorax</i> |
| White-faced ibis | <i>Plegadis chihi</i> |
| California condor | <i>Gymnogyps californianus</i> |
| White-tailed kite | <i>Elanus leucurus</i> |
| Bald eagle | <i>Haliaeetus leucocephalus</i> |

| Common Name | Scientific Name |
|---------------------------|---------------------------------|
| Northern harrier | <i>Circus cyaneus</i> |
| Cooper's hawk | <i>Accipiter cooperi</i> |
| Red-shouldered hawk | <i>Buteo lineatus</i> |
| Red-tailed hawk | <i>Buteo jamaicensis</i> |
| Swainson's hawk | <i>Buteo swainsoni</i> |
| Golden eagle | <i>Aquila chrysaetos</i> |
| Great horned owl | <i>Bubo virginianus</i> |
| Western burrowing owl | <i>Athene cunicularia</i> |
| Short-eared owl | <i>Asio flammeus</i> |
| Nuttall's woodpecker | <i>Picoirides nuttallii</i> |
| Downy woodpecker | <i>Picoides pubescens</i> |
| American peregrine falcon | <i>Falco peregrinus anatum</i> |
| Olive-sided flycatcher | <i>Contopus cooperi</i> |
| Pacific-slope flycatcher | <i>Empidonax difficilis</i> |
| Black phoebe | <i>Sayornis nigricans</i> |
| Loggerhead shrike | <i>Lanius ludovicianus</i> |
| Least Bell's vireo | <i>Vireo bellii pusillus</i> |
| Hutton's vireo | <i>Vireo huttoni</i> |
| Warbling vireo | <i>Vireo gilvus</i> |
| California scrub-jay | <i>Aphelocoma californica</i> |
| American crow | <i>Corvus brachyrhynchos</i> |
| Purple martin | <i>Progne subis</i> |
| Cliff swallow | <i>Petrochelidon pyrrhonota</i> |
| Barn swallow | <i>Hirundo rustica</i> |
| Oak titmouse | <i>Baeolophus inornatus</i> |
| Bushtit | <i>Psaltriparus minimus</i> |
| White-breasted nuthatch | <i>Sitta carolinensis</i> |
| Marsh wren | <i>Cistothorus palustris</i> |
| Northern mockingbird | <i>Mimus polyglottos</i> |
| House finch | <i>Haemorhous mexicanus</i> |
| Spotted towhee | <i>Pipilo maculatus</i> |
| California towhee | <i>Melospiza crissalis</i> |
| Grasshopper sparrow | <i>Ammodramus savannarum</i> |
| Song sparrow | <i>Melospiza melodia</i> |
| Yellow-breasted chat | <i>Icteria virens</i> |

| Common Name | Scientific Name |
|------------------------------------|--------------------------------------|
| Yellow-headed blackbird | <i>Xanthocephalus xanthocephalus</i> |
| Western meadowlark | <i>Sturnella neglecta</i> |
| Red-winged blackbird | <i>Agelaius phoeniceus</i> |
| Tricolored blackbird | <i>Agelaius tricolor</i> |
| Orange-crowned warbler | <i>Oreothlypis celata</i> |
| Common yellowthroat | <i>Geothlypis trichas</i> |
| Yellow warbler | <i>Setophaga petechia</i> |
| Black-headed grosbeak | <i>Pheucticus melanocephalus</i> |
| Mammals | |
| Virginia opossum | <i>Didelphis virginiana</i> |
| Big brown bat | <i>Eptesicus fuscus</i> |
| Townsend's big-eared bat | <i>Corynorhinus townsendii</i> |
| Hoary bat | <i>Lasiurus cinereus</i> |
| Western red bat | <i>Lasiurus blossevillii</i> |
| California myotis | <i>Myotis californicus</i> |
| Pallid bat | <i>Antrozous pallidus</i> |
| Western mastiff bat | <i>Eumops perotis californicus</i> |
| Mexican free-tailed bat | <i>Tadarida brasiliensis</i> |
| Western gray squirrel | <i>Sciurus griseus</i> |
| California ground squirrel | <i>Spermophilus beecheyi</i> |
| Merriam's chipmunk | <i>Tamias merriami</i> |
| Botta's pocket gopher | <i>Thomomys bottae</i> |
| Fresno kangaroo rat | <i>Dipodomys nitratooides exilis</i> |
| House mouse | <i>Mus musculus</i> |
| California vole | <i>Microtus californicus</i> |
| California deer mouse | <i>Peromyscus californicus</i> |
| Western harvest mouse | <i>Reithrodontomys megalotis</i> |
| San Francisco dusky-footed woodrat | <i>Neotoma fuscipes annectens</i> |
| Gray fox | <i>Urocyon cinereoargenteus</i> |
| San Joaquin kit fox | <i>Vulpes macrotis mutica</i> |
| Coyote | <i>Canis latrans</i> |
| Northern raccoon | <i>Procyon lotor</i> |
| Ringtail | <i>Bassariscus astutus</i> |
| American badger | <i>Taxidea taxus</i> |
| Striped skunk | <i>Mephitis mephitis</i> |

| Common Name | Scientific Name |
|---------------|----------------------------|
| Bobcat | <i>Lynx rufus</i> |
| Mountain lion | <i>Puma concolor</i> |
| Mule deer | <i>Odocoileus hemionus</i> |