

Appendix 1
SPECIES LISTS
FAIRFIELD OSBORN PRESERVE

Vascular Plants of the Fairfield Osborn Preserve

Vascular Plants of the Fairfield Osborn Preserve & Environs						
Compiled by Peter J. Warner, Larry Serpa, Lynn Lozier, Jack Arnold, Chris Kjeldsen, & Charles Quibell						
* = Not native to Sonoma County			Keys to Habitat & Life history codes: Page 17			
Family	Botanical Name	ssp. / variety (v.)	Common name	Habitat	Ann/Per	Growth form
Phylum Sphenophyta (Horsetails)						
EQUISETACEAE -- Horsetail Family (2 taxa)						
	<i>E. telmateia</i>	<i>braunii</i>	giant horsetail	M	Per	erect herb
	<i>Equisetum hyemale</i>	<i>affine</i>	scouring rush	M	Per	erect herb
Phylum Pterophyta (Ferns & other Vascular Non-seed Producing Plants)						
AZOLLACEAE -- Mosquito Fern Family (1 taxon)						
	<i>Azolla filiculoides</i>		mosquito fern	A,M	Per	submersed/floating herb
BLECHNACEAE -- Deer Fern Family (1 taxon)						
	<i>Woodwardia fimbriata</i>		giant chain fern	S	Per	erect herb
DENNSTAEDTIACEAE -- Bracken Family (1 taxon)						
	<i>Pteridium aquilinum</i>	<i>v. pubescens</i>	bracken fern	G,W	Per	erect herb
DRYOPTERIDACEAE -- Wood Fern Family (3 taxa)						
	<i>Dryopteris arguta</i>		wood fern	W,F	Per	erect herb
	<i>Polystichum californicum</i>		sword fern	F,W,R	Per	evergreen, erect herb
	<i>P. munitum</i>		sword fern	F	Per	evergreen, erect herb
POLYPODIACEAE -- Polypody Family (1 taxon)						
	<i>Polypodium californicum</i>		California polypody	W,F,R,T	Per	erect herb
PTERIDACEAE -- Brake Family (3 taxa)						
	<i>Adiantum jordanii</i>		maidenhair fern	W,F	Per	erect herb
	<i>Pellaea andromedifolia</i>		coffee fern	W,F	Per	erect herb
	<i>Pentagramma triangularis</i>	<i>triangularis</i>	goldback fern	W,F	Per	erect low herb

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Family	Botanical Name	ssp. / variety (v.)	Common name	Habitat	Ann/Per	Growth form
Phylum Coniferophyta (Conifers)						
CUPRESSACEAE -- Cypress Family (2 taxa)						
	<i>Cupressus macrocarpa</i> *		Monterey cypress	O	Per	evergreen tree
	<i>Juniperus</i> * sp.	cultivar	juniper	O	per	evergreen shrub
PINACEAE -- Pine Family (2 taxa)						
	<i>Pinus radi ata</i> *		Monterey pine	O	Per	evergreen tree
	<i>Pseudotsuga menziesii</i>		Douglas-fir	F	Per	evergreen tree
TAXODIACEAE -- Bald Cypress Family (1 taxon)						
	<i>Sequoiadendron sempervirens</i>		coast redwood	O	Per	evergreen tree
Phylum Anthophyta (Flowering Plants)						
Class Dicotyledones						
ACERACEAE -- Maple Family (1 taxon)						
	<i>Acer macrophyllum</i>		bigleaf maple	F,S	Per	deciduous tree
ANACARDIACEAE -- Cashew or Sumac Family (1 taxon)						
	<i>Toxicodendron diversilobum</i>		poison-oak	W,F,C	Per	herb, shrub, vine
APIACEAE -- Carrot or Parsley Family (15 taxa)						
[UMBELLIFERAE]	<i>Cicuta douglasii</i>		water hemlock	A	Per	erect herb
	<i>Daucus pusillus</i>		wild carrot	R	Ann	low herb
	<i>Foeniculum vulgare</i> *		sweet fennel	D	Per	erect herb
	<i>Heracleum lanatum</i>		cow parsnip	M,S	Per	erect herb
	<i>Hydrocotyle ranunculoides</i>		marsh pennywort	A,M	Per	creeping herb
	<i>Ligusticum apiifolium</i>		celery-leafed lovage		Per	erect herb
	<i>Lomatium utriculatum</i>		lomatium	G	Per	erect herb
	<i>Oenanthe sarmentosa</i>		oenanthe	M,S	Per	erect herb
	<i>Osmorhiza chilensis</i>		sweet cicely	W,F	Per	erect herb
	<i>Perideridia kelloggii</i>		yampah	G	Per	erect herb
	<i>Sanicula bipinnatifida</i>		purple sanicle	G	Per	erect herb
	<i>S. crassicaulis</i>		Pacific snakeroot	W,F	Per	erect herb
	<i>S. laciniata</i>		sanicle	W,F	Per	erect herb
	<i>Scandix pecten-veneris</i> *		Venus's needle	G,D	Ann	low herb
	<i>Torilis arvensis</i> *		hedge parsley	W,D	Ann	erect herb

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APOCYNACEAE -- Dogbane Family (1 taxon)						
	<i>Nerium oleander</i> *		oleander	O	Per	evergreen shrub
ARALIACEAE -- Ginseng Family (1 taxon)						
	<i>Aralia californica</i>		elk-clover	S	Per	erect herb
ASCLEPIADACEAE -- Milkweed Family (1 taxon)						
	<i>Asclepias fascicularis</i>		milkweed		Per	erect herb
ASTERACEAE -- Sunflower Family (47 taxa)						
[COMPOSITAE]	<i>Achillea millefolium</i>		yarrow	G,W	Per	low to erect herb
	<i>Achyraea mollis</i>		blow-wives	G	Ann	erect herb
	<i>Adenocaulon bicolor</i>		trail plant	F	Per	low herb
	<i>Agoseris grandiflora</i>		Calif. dandelion	G	Per	erect scapose herb
	<i>A. heterophylla</i>		Calif. dandelion	G	Ann	erect scapose herb
	<i>Ambrosia psilostachya</i>		western ragweed	D,G	Per	erect herb
	<i>Artemisia californica</i>		California sagebrush	C	Per	shrub
	<i>A. douglasiana</i>		California mugwort	M	Per	herb
	<i>Baccharis douglasii</i>		marsh baccharis	M	Per	herb
	<i>B. pilularis</i>		coyote brush	E	Per	shrub
	<i>Carduus pycnocephalus</i> *		Italian thistle	G,W,D	Ann	erect herb
	<i>Centaurea solstitialis</i> *		yellow star-thistle	G,C,R	Ann	erect herb
	<i>Chamomilla suaveolens</i> *		pineapple weed	D	Ann	low herb
	<i>Cirsium occidentale</i>	v. <i>occidentale</i>	cobweb thistle	C,G,R	Per	erect herb from rosette
	<i>C. vulgare</i> *		bull thistle	G,W,D	Bien	erect herb fr. rosette
	<i>Erechtites minima</i> *		fireweed	M,W	Ann/Per	erect herb
	<i>Erigeron philadelphicus</i>		fleabane daisy	M	Per	erect herb
	<i>Eriophyllum confertiflorum</i>	v. <i>confertiflorum</i>	golden-yarrow	C	Per	erect herb
	<i>Filago gallica</i> *		herba impia	G,D	Ann	low herb
	<i>Hemizonia congesta</i>	<i>congesta</i>	hayfield tarweed	G	Ann	erect herb
	<i>H. congesta</i>	<i>luzulifolia</i>	hayfield tarweed	G	Ann	erect herb
	<i>Hesperevax sparsiflora</i>	v. <i>sparsiflora</i>			Ann	low herb
	<i>Hieracium albiflorum</i>		white hawkweed	W,F	Per	erect herb
	<i>Hypochaeris glabra</i> *		smooth cat's-ear	G,D	Ann	low herb
	<i>H. radicata</i> *		rough cat's-ear	G,D	Per	low to erect herb
	<i>Lactuca serriola</i> *		prickly lettuce	D	Ann	erect herb

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ASTERACEAE -- Sunflower Family						
[COMPOSITAE]	<i>Lagophylla ramosissima</i>		hareleaf		Ann	erect herb
	<i>Lasthenia glaberrima</i>			VP,M	Ann	sprawling to erect herb
	<i>L. glabrata</i>			VP	Ann	erect herb
	<i>Madia gracilis</i>		slender tarweed	G	Ann	erect herb
	<i>M. madioides</i>		woodland madia	W,F	Per	erect herb
	<i>Micropus californicus</i>	<i>v. subvestitus</i>	slender cottonweed	G,D	Ann	erect herb
	<i>Microseris douglasii</i>		microseris	G	Ann	scapose herb fr. rosette
	<i>Picris echioides</i> *		bristly ox-tongue	G,D	Ann/Bien	erect herb fr. rosette
	<i>Psilocarphus oregonus</i>		Oregon woolly-heads	VP	Ann	low herb
	<i>Psilocarphus tenellus</i>	<i>v. tenellus</i>	woolly marbles	G,D,VP	Ann	low herb
	<i>Senecio aronicoides</i>		butterweed	W	Per	erect herb
	<i>S. vulgaris</i> *		groundsel; ragwort	D	Ann	erect herb
	<i>Silybum marianum</i> *		milk thistle	G,D	Ann/Bien	erect herb
	<i>Soliva sessilis</i> *		soliva	D	Ann	prostrate herb
	<i>Sonchus as per</i> *		prickly sow-thistle	G,D,M	Ann	erect herb
	<i>Taraxacum officinale</i> *		dandelion	G,D,M	Ann/Bien	scapose herb fr. rosette
	<i>Tolpis barbata</i> *			G,D	Ann	low herb
	<i>Tragopogon porrifolius</i> *		salsify; oyster plant	G,D	Bien	erect herb
	<i>Wyethia angustifolia</i>		narrow-leaved mules ears	G	Per	erect herb
	<i>W. glabra</i>		mules ears	W,G	Per	erect herb
	<i>Xanthium spinosum</i>		spiny cocklebur	D	Ann	erect herb
BETULACEAE -- Birch Family (2 taxa)						
	<i>Alnus rhombifolia</i>		white alder	S	Per	deciduous tree
	<i>Corylus cornuta</i>	<i>v. californica</i>	hazelnut	W,F	Per	deciduous shrub
BORAGINACEAE -- Borage Family (5 taxa)						
	<i>Amsinckia menziesii</i>	<i>v. intermedia</i>	rancher's fireweed	G,D	Ann	erect herb
	<i>Cynoglossum grande</i>		hound's tongue	W	Per	erect herb
	<i>Plagiobothrys bracteatus</i>		popcorn flower	VP	Ann	erect herb
	<i>P. nothofulvus</i>		popcorn flower	G	Ann	erect herb
	<i>P. undulatus</i>		popcorn flower	VP	Ann	erect herb

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BRASSICACEAE -- Mustard Family (11 taxa)						
[CRUCIFERAE]	<i>Arabis glabra</i>	v. <i>glabra</i>	tower mustard	C	Bien/Per	erect herb
	<i>Athysanus pusillus</i>			G	Ann	low, erect herb
	<i>Capsella bursa-pastoris</i> *		shepherd's purse	G,D	Ann	
	<i>Cardamine californica</i>		milk maids	W,G	Per	erect herb
	<i>C. oligosperma</i>		winter cress	G,D	Ann	erect herb
	<i>Draba verna</i>		whitlow-grass	G	Ann	erect herb
	<i>Lepidium strictum</i>		pepper-grass	D	Ann	prostrate herb
	<i>Rorippa curvisiliqua</i>		western yellow cress	S,M	Ann/Bien	prostrate to erect herb
	<i>R. nasturtium-aquaticum</i>		water cress	M,A	Per	floating or erect herb
	<i>Sisymbrium officinale</i> *		hedge mustard	D	Ann	erect herb
	<i>Thysanocarpus curvipes</i>		lace pod	G	Ann	erect herb
CALLITRICHACEAE -- Water-starwort Family (1 taxon)						
	<i>Callitriche verna</i>		water-starwort	A	Ann	submersed to floating
CAPRIFOLIACEAE -- Honeysuckle Family (5 taxa)						
	<i>Lonicera hispidula</i>		honeysuckle	W,C	Per	climbing vine
	<i>Sambucus mexicana</i>		blue elderberry	S,M	Per	deciduous shrub
	<i>Sambucus</i> * sp.		elderberry	O	Per	deciduous shrub
	<i>Symphoricarpos albus</i>	v. <i>laevigatus</i>	snowberry	S,W	Per	shrub
	<i>Symphoricarpos mollis</i>		creeping snowberry	W	Per	vine-like groundcover
CARYOPHYLLACEAE -- Pink Family (7 taxa)						
	<i>Cerastium glomeratum</i> *		mouse-ear chickweed	G,D	Ann	low herb
	<i>Petrorhagia dubia</i> *		carnation	G,D	Ann	erect herb
	<i>P. nantueuilli</i> *		carnation	G,D	Ann	erect herb
	<i>Sagina apetala</i>		dwarf pearlwort	G,D	Ann	low, erect herb
	<i>Silene gallica</i> *		catchfly	G,D	Ann	erect herb
	<i>Spergularia rubra</i> *		sand-spurrey	G,D	Ann/Per	prostrate to low herb
	<i>Stellaria media</i> *		chickweed	G,D,W	Ann	low herb
CERATOPHYLLACEAE -- Hornwort Family (1 taxon)						
	<i>Ceratophyllum demersum</i>		hornwort	A	Per	submerged herb

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CONVOLVULACEAE -- Morning-glory Family (1 taxon)						
	<i>Convolvulus arvensis</i> *		bindweed	G,D	Per	trailing herb
CORNACEAE -- Dogwood Family (1 taxon)						
	<i>Cornus sericea</i>	<i>sericea</i>	redstem dogwood	M,S	Per	shrub
CUCURBITACEAE -- Gourd Family (1 taxon)						
	<i>Marah fabaceus</i>		manroot; wild cucumber	W,C	Per	vine-like herb
EBENACEAE -- Ebony Family (1 taxon)						
	<i>Diospyros kaki</i> *		persimmon	O	Per	deciduous tree
ERICACEAE -- Heath Family (2 taxa)						
	<i>Arbutus menziesii</i>		Pacific madrone	F,W	Per	evergreen tree
	<i>Arctostaphylos manzanita</i>		woodland manzanita	W,R	Per	evergreen shrub
EUPHORBIACEAE -- Spurge Family (2 taxa)						
	<i>Eremocarpus setigerus</i>		turkey-mullein	D	Ann	low herb
	<i>Euphorbia peplus</i> *		petty spurge	G,D	Ann	erect, low herb
FABACEAE -- Legume Family (30 taxa)						
[LEGUMINOSAE]	<i>Astragalus gambelianus</i>		locoweed	G,R	Ann	low herb
	<i>Hoita macrostachya</i>			M	Per	erect herb
	<i>Lathyrus angulatus</i> *		pea	G	Ann	erect herb
	<i>L. vestitus</i>	<i>v. vestitus</i>	hillside pea	G, W	Per	trailing herb
	<i>Lotus humistratus</i>		hill lotus	G,R	Ann	prostrate, low herb
	<i>L. purshianus</i> *	<i>v. purshianus</i>	Spanish lotus	G,D	Ann	low herb
	<i>L. scoparius</i>		California broom	C,W	Per	sub-shrub
	<i>Lupinus albifrons</i>	<i>v. collinus</i>	lupine	R,G	Per	sub-shrub
	<i>L. bicolor</i>		miniature lupine	G	Ann	erect herb
	<i>L. pachylobus</i>		big pod lupine	D	Ann	erect herb
	<i>Medicago polymorpha</i> *		California burclover	G,D	Ann	prostrate to low herb
	<i>Melilotus officinalis</i> *		yellow sweetclover	D	Bien	erect herb
	<i>Robinia pseudoacacia</i> *		black locust	O	Per	deciduous tree
	<i>Trifolium albopurpureum</i>	<i>v. albopurpureum</i>	clover	G,R	Ann	low herb
	<i>T. bifidum</i>		clover	G,W	Ann	low herb
	<i>T. depauperatum</i>	<i>v. depauperatum</i>	cowbag clover	G	Ann	low herb
	<i>T. depauperatum</i>	<i>v. truncatum</i>	cowbag clover	G	Ann	low herb
	<i>T. dubium</i> *		little hop clover	G,D	Ann	low herb

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FABACEAE -- Legume Family						
[LEGUMINOSAE]	<i>T. glomeratum</i> *		clover	G,D	Ann	low herb
	<i>T. gracilentum</i>		clover	G,D	Ann	low herb
	<i>T. hirtum</i> *		rose clover	G,D	Ann	erect herb
	<i>T. microcephalum</i>		clover	G,S,D	Ann	low herb
	<i>T. microdon</i>		clover	G,D	Ann	low herb
	<i>Trifolium oliganthum</i>		clover	G,D	Ann	low herb
	<i>T. subterraneum</i> *		subterranean clover	G,D	Ann	prostrate herb
	<i>T. variegatum</i>		clover	G,D	Ann	low herb
	<i>T. willdenovii</i>		tomcat clover	G,R	Ann	erect annual
	<i>Vicia americana</i>	<i>v. americana</i>	American vetch	M,S	Per	sprawling to erect herb
	<i>V. sativa</i> *	<i>sativa</i>	spring vetch	G,D	Ann	sprawling to erect herb
	<i>V. villosa</i> *		winter vetch	G,D	Ann	sprawling to erect herb
FAGACEAE -- Beech or Oak Family (5 taxa)						
	<i>Quercus agrifolia</i>		coast live oak	W	Per	evergreen tree
	<i>Q. chrysolepis</i>		canyon live oak	C	Per	evergreen shrub
	<i>Q. garryana</i>		Oregon oak	W	Per	deciduous tree
	<i>Q. kelloggii</i>		California black oak	W	Per	deciduous tree
	<i>Q. lobata</i>		valley oak	G	Per	deciduous tree
GARRYACEAE -- Silktassel Family (1 taxon)						
	<i>Garrya elliptica</i>		coast silktassel	C	Per	shrub
GERANIACEAE -- Geranium Family (6 taxa)						
	<i>Erodium botrys</i> *		storksbill; filaree	G,D,R	Ann	low, erect herb
	<i>E. brachycarpum</i> *		storksbill	D	Ann	low to erect herb
	<i>E. cicutarium</i> *		filaree	G,D	Ann	low to erect herb

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GERANIACEAE -- Geranium Family (6 taxa)						
	<i>Geranium dissectum</i> *		geranium	G,D	Ann	low herb
	<i>G. molle</i> *		geranium	G,D	Ann	low herb
	<i>Pelargonium</i> * sp.		lemon geranium	O	Per	erect herb
GROSSULARIACEAE -- Gooseberry or Currant Family (2 taxa)						
	<i>Ribes californicum</i>	v. <i>californicum</i>	hillside gooseberry	W,S	Per	shrub
	<i>R. sanguineum</i>	v. <i>glutinosum</i>	currant	W,F	Per	shrub
HIPPOCASTANACEAE -- Buckeye Family (1 taxon)						
	<i>Aesculus californica</i>		California buckeye	W,R	Per	deciduous tree
HYDROPHYLLACEAE -- Waterleaf Family (4 taxa)						
	<i>Nemophila heterophylla</i>		hillside nemophila	W,G	Ann	low herb
	<i>N. menziesii</i>		baby blue-eyes	W,G	Ann	low herb
	<i>Phacelia distans</i>		phacelia	W,G	Ann	sprawling to erect herb
	<i>Phacelia imbricata</i>		phacelia	G,R	Per	erect herb
JUGLANDACEAE -- Walnut Family (1 taxon)						
	<i>Juglans regia</i> *		walnut	O	Per	deciduous tree
LAMIACEAE -- Mint Family (9 taxa)						
[LABIATAE]	<i>Marrubium vulgare</i> *		horehound	O	Per	erect subshrub
	<i>Mentha pulegium</i> *		pennyroyal	M	Per	low to erect herb
	<i>Monardella villosa</i>		coyote mint	W,C	Per	low herb
	<i>Nepeta cataria</i> *		catnip	G,D	Per	erect herb
	<i>Rosmarinus officinalis</i> *		rosemary	O	Per	evergreen shrub
	<i>Salvia columbariae</i>		chia	G,R	Ann	erect herb
	<i>Scutellaria californica</i>		skullcap	W,R	Per	low herb
	<i>Stachys ajugoides</i>	v. <i>rigida</i>	hedge-nettle	G,W	Per	erect herb
	<i>Teucrium fruticans</i> *		bush germander	O	Per	shrub

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LAURACEAE -- Laurel Family (1 taxon)						
	<i>Umbellularia californica</i>		California bay	W,F	Per	evergreen tree
LYTHRACEAE -- Loosestrife Family (1 taxon)						
	<i>Lythrum hyssopifolium</i> *			M,D	Ann/Bien	low herb
MORACEAE -- Mulberry Family (1 taxon)						
	<i>Ficus carica</i> *		edible fig	O	Per	deciduous tree
MYRTACEAE -- Myrtle Family (1 taxon)						
	<i>Eucalyptus globulus</i> *		blue gum	O	Per	evergreen tree
OLEACEAE -- Olive Family (2 taxa)						
	<i>Fraxinus</i> * sp.	cultivar	ash	O	Per	deciduous tree
	<i>Olea europaea</i> *		olive	O	Per	evergray-green tree
ONAGRACEAE -- Evening Primrose Family (8 taxa)						
	<i>Camissonia ovata</i>		sun cup	G	Per	low herb
	<i>Clarkia concinna</i>		red ribbons	W	Ann	erect herb
	<i>C. gracilis</i>		slender clarkia	G	Ann	erect herb
	<i>C. purpurea</i>	<i>quadrivulnera</i>	winecup clarkia	G	Ann	erect herb
	<i>Epilobium canum</i>	<i>canum</i>	California fuchsia	W,R	Per	low herb
	<i>E. ciliatum</i>	<i>watsonii</i>	willow-herb	M,R	Per	erect herb
	<i>E. densiflorum</i>		willow-herb	M	Ann	erect herb
	<i>E. torreyi</i>		willow-herb	R	Ann	erect herb
PAPAVERACEAE -- Poppy Family (1 taxon)						
	<i>Eschscholzia californica</i>		California poppy	G	Ann/Per	low to erect herb

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PLANTAGINACEAE -- Plantain Family (3 taxa)						
	<i>Plantago erecta</i>		dwarf plantain	G,D	Ann	low, erect herb
	<i>P. lanceolata</i> *		English plantain	G,D	Per	low herb fr. rosette
	<i>P. major</i> *		common plantain	G,D	Per	low herb fr. rosette
POLEMONIACEAE -- Phlox Family (7 taxa)						
	<i>Gilia clivorum</i>		gilia	G,R	Ann	erect herb
	<i>G. tricolor</i>		bird's-eye gilia	G,R	Ann	erect herb
	<i>Linanthus androsaceus</i>		baby stars	G	Ann	erect herb
	<i>L. bicolor</i>		baby stars	G	Ann	erect herb
	<i>Navarretia intertexta</i>		needle navarretia	G,VP	Ann	erect herb
	<i>N. squarrosa</i>		skunkweed	G,D	Ann	erect herb
	<i>Phlox gracilis</i>		slender phlox	G	Ann	erect herb
POLYGALACEAE -- Milkwort Family (1 taxon)						
	<i>Polygala californica</i>		milkwort	W	Per	low, trailing herb
POLYGONACEAE -- Knotweed or Buckwheat Family (4 taxa)						
	<i>Eriogonum nudum</i>		naked buckwheat	G,R	Per	erect herb
	<i>Polygonum arenastrum</i> *		common knotweed	D	Ann	prostrate herb
	<i>Rumex acetosella</i> *		sheep sorrel	D,G	Per	prostrate to low herb
	<i>R. crispus</i> *		curly dock	D,M,G	Per	erect herb
PORTULACACEAE -- Purslane Family (4 taxa)						
	<i>Calandrinia ciliata</i>		red maids	G	Ann	low herb
	<i>Claytonia gypsophiloides</i>		spring beauty	W,R	Ann	erect herb
	<i>C. perfoliata</i>		miners-lettuce	G,W	Ann	low herb
	<i>Montia fontana</i>		water chickweed	G,M	Ann	low herb

Vascular Plants of the Fairfield Osborn Preserve

* = Not native to Sonoma County		Keys to Habitat & Life history codes: Page 17				
Family	Botanical Name	ssp. / variety (v.)	Common name	Habitat	Ann/Per	Growth form
PRIMULACEAE -- Primrose Family (3 taxa)						
	<i>Anagallis arvensis</i> *		scarlet pimpernel	G,D	Ann	trailing herb
	<i>Dodecatheon hendersonii</i>		shooting star	W	Per	erect herb
	<i>Trientalis latifolia</i>		starflower	F,W	Per	low herb
PUNICACEAE -- Pomegranate Family (1 taxon)						
	<i>Punica granatum</i> *		pomegranate	O	Per	deciduous shrub
RANUNCULACEAE -- Buttercup Family (7 taxa)						
	<i>Aquilegia formosa</i>		crimson columbine	F	Per	erect herb
	<i>Delphinium nudicaule</i>		red larkspur	W	Per	erect herb
	<i>Delphinium</i> sp.		larkspur		Per	erect herb
	<i>Ranunculus californicus</i>		buttercup	G,W	Per	erect herb
	<i>R. lobbii</i>		Lobb's aquatic buttercup	A	Ann	submersed/floating herb
	<i>R. muricatus</i> *		stickseed buttercup	VP,M,D	Ann/Bien	low herb
	<i>R. pusillus</i>			M	Per	erect herb
RHAMNACEAE -- Buckthorn Family (1 taxon)						
	<i>Rhamnus californica</i>		coffeeberry	W,C	Per	shrub
ROSACEAE -- Rose Family (14 taxa)						
	<i>Adenostoma fasciculatum</i>		chamise	C	Per	shrub
	<i>Aphanes occidentalis</i>			G	Ann	low herb
	<i>Cercocarpus betuloides</i>	v. <i>betuloides</i>	mountain-mahogany	W	Per	shrub
	<i>Chaenomeles</i> *	cultivar	flowering quince	O	Per	deciduous shrub
	<i>Fragaria vesca</i>		wood strawberry	F	Per	prostrate, trailing herb
	<i>Heteromeles arbutifolia</i>		toyon	W,C	Per	shrub
	<i>Holodiscus discolor</i>		oceanspray	W,F	Per	shrub
	<i>Malus sylvestris</i> *	cultivars	apple	O	Per	deciduous tree

Vascular Plants of the Fairfield Osborn Preserve

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Family	Botanical Name	ssp. / variety (v.)	Common name	Habitat	Ann/Per	Growth form
ROSACEAE -- Rose Family						
	<i>Prunus cerasifera</i> *		cherry plum	O,M	Per	deciduous tree
	<i>Rosa gymnocarpa</i>		wood rose	W,F	Per	shrub
	<i>Rosa</i> * spp.	cultivars	rose	O	per	deciduous shrub
	<i>Rubus discolor</i> *		Himalayan blackberry	S,M,D	Per	vine-like shrub
	<i>R. parviflorus</i>		thimbleberry	S	Per	deciduous shrub
	<i>R. ursinus</i>		California blackberry	S,M	Per	vine-like shrub
RUBIACEAE -- Madder Family (5 taxa)						
	<i>Galium aparine</i>		goose-grass	W	Ann	trailing herb
	<i>G. californicum</i>		California bedstraw	W	Per	trailing herb
	<i>G. murale</i> *		tiny bedstraw	G,W	Ann	low herb
	<i>G. parisiense</i> *		wall bedstraw	R	Ann	erect herb
	<i>Sherardia arvensis</i> *		field madder	G,D	Ann	low herb
SALICACEAE -- Poplar or Willow Family (5 taxa)						
	<i>Populus fremontii</i>		western cottonwood	O	Per	deciduous tree
	<i>P. nigra</i> 'Italica'*		Normandy poplar	O	Per	deciduous tree
	<i>Salix babylonica</i> *		weeping willow	O	Per	deciduous tree
	<i>S. laevigata</i>		red willow	S	Per	deciduous shrub, tree
	<i>S. lasiolepis</i>		arroyo willow	S,M	Per	deciduous shrub, tree
SAXIFRAGACEAE -- Saxifrage Family (4 taxa)						
	<i>Lithophragma affine</i>		woodland star	F,W	Per	erect herb
	<i>L. heterophyllum</i>		woodland star	F,W	Per	erect herb
	<i>Saxifraga californica</i>		saxifrage	G,R	Per	erect herb
	<i>S. integrifolia</i>		saxifrage	G	Per	erect herb

Vascular Plants of the Fairfield Osborn Preserve

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Family	Botanical Name	ssp. / variety (v.)	Common name	Habitat	Ann/Per	Growth form
SCROPHULARIACEAE -- Figwort Family (10 taxa)						
	<i>Castilleja attenuata</i>		valley tassels	G	Ann	erect herb
	<i>C. foliolosa</i>		woolly Indian paintbrush	C	Per	erect herb
	<i>Collinsia heterophylla</i>		Chinese houses	W	Ann	erect herb
	<i>C. sparsiflora</i>	<i>v. arvensis</i>	blue-eyed Mary	W	Ann	erect herb
	<i>Mimulus aurantiacus</i>		sticky monkeyflower	C,W	Per	subshrub to shrub
	<i>M. guttatus</i>		seep monkeyflower	M,S	Per	erect herb
	<i>Scrophularia californica</i>		bee plant; Calif. figwort	M,S	Per	erect herb
	<i>Triphysaria pusilla</i>		dwarf monkeyflower	G,D	Ann	low erect herb
	<i>Veronica americana</i>		brooklime	M,S	Per	
	<i>V. persica</i>		Persian speedwell	G,D	Ann	low herb
SOLANACEAE -- Nightshade Family (1 taxon)						
	<i>Solanum americanum</i>		nightshade	D	Ann/Per	herb to subshrub
URTICACEAE -- Nettle Family (1 taxon)						
	<i>Urtica dioica</i>	<i>holosericea</i>	hoary nettle	M,S	Per	erect herb
VISCACEAE -- Mistletoe Family (1 taxon)						
	<i>Phoradendron macrophyllum</i>		bigleaf mistletoe	T	Per	erect, pendant
VITACEAE -- Grape Family (1 taxon)						
	<i>Vitis vinifera</i> *		grape	O	Per	woody deciduous vine
Class Monocotyledones						
CYPERACEAE -- Sedge Family (6 taxa)						
	<i>Carex dudleyi</i>		sedge	M	Per	erect herb
	<i>C. gracilior</i>		sedge		Per	erect herb
	<i>C. nudata</i>		sedge	S	Per	erect herb

Vascular Plants of the Fairfield Osborn Preserve

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Family	Botanical Name	ssp. / variety (v.)	Common name	Habitat	Ann/Per	Growth form
CYPERACEAE -- Sedge Family						
	<i>Cyperus eragrostis</i>		nutsedge	M,VP	Per	erect herb
	<i>Eleocharis macrostachya</i>		spike-rush	M	Per	erect herb
	<i>Scirpus acutus</i>	v. <i>occidentalis</i>	tule	M	Per	erect herb
HYDROCHARITACEAE -- Waterweed Family (1 taxon)						
	<i>Egeria densa</i> *		waterweed	A	Per	emersed herb
IRIDACEAE -- Iris Family (3 taxa)						
	<i>Iris fernaldii</i>		iris	W	Per	erect herb
	<i>I. pseudacorus</i> * (?)		yellow flag	O	Per	erect herb
	<i>Sisyrinchium bellum</i>		blue-eyed-grass	G	Per	erect herb
JUNCACEAE -- Rush Family (8 taxa)						
	<i>Juncus bolanderi</i>		rush	M	Per	erect herb
	<i>J. bufonius</i>		toad rush	E	Ann	low erect herb
	<i>J. effusus</i>		rush	M	Per	erect herb
	<i>J. occidentalis</i>		rush	M,W	Per	erect herb
	<i>J. patens</i>		gray rush	M,G	Per	erect herb
	<i>J. phaeocephalus</i>		rush	M	Per	erect herb
	<i>J. tenuis</i>		rush	W	Per	erect herb
	<i>J. xiphioides</i>		rush	M	Per	erect herb
LEMNACEAE -- Duckweed Family (2 taxa)						
	<i>Lemna gibba</i>		duckweed	A	Per	floating herb
	<i>L. minuscula</i>		duckweed	A	Per	floating herb

Vascular Plants of the Fairfield Osborn Preserve

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Family	Botanical Name	ssp. / variety (v.)	Common name	Habitat	Ann/Per	Growth form
LILIACEAE -- Lily Family (16 taxa)						
	<i>Agave</i> sp.*		century plant	O	Per	erect succulent
	<i>Aloe saponaria</i> x <i>A. striata</i> *		aloe	O	Per	erect succulent
	<i>Amaryllis belladonna</i> *		naked ladies	O	Per	erect scapose herb
	<i>Brodiaea elegans</i>		harvest brodiaea	G	Per	erect scapose herb
	<i>Calochortus luteus</i>		Mariposa lily	G	Per	erect herb
	<i>Chlorogalum pomeridianum</i>		soap plant	G,W,F	Per	erect herb
	<i>Dichelostemma capitatum</i>		blue dicks	G	Per	erect scapose herb
	<i>D. congestum</i>		ookow	G	Per	erect scapose herb
	<i>Disporum hookeri</i>		fairy bells	W,F	Per	erect herb
	<i>Fritillaria affine</i>	v. <i>affine</i>	checker lily	W	Per	erect herb
	<i>Narcissus</i> * sp.	cultivars	daffodil, narcissus	O	Per	erect scapose herb
	<i>Smilacina racemosa</i>		false Solomon's seal	F	Per	erect herb
	<i>S. stellata</i>		false Solomon's seal	F	Per	erect herb
	<i>Trillium chloropetalum</i>		giant trillium	F,W	Per	erect herb
	<i>Triteleia hyacinthina</i>		white hyacinth	G,M	Per	erect scapose herb
	<i>T. laxa</i>		Ithuriel's spear	W,G	Per	erect scapose herb
ORCHIDACEAE -- Orchid Family (3 taxa)						
	<i>Corallorhiza striata</i>		coralroot	F	Per	erect, non-green herb
	<i>Piperia elegans</i>		piperia	C,F	Per	erect herb
	<i>Spiranthes romanzoffiana</i>		ladies tresses	G	Per	erect herb
POACEAE -- Grass Family (45 taxa)						
[GRAMINAE]	<i>Aira caryophyllea</i> *		silver hairgrass	G,D	Ann	low herb
	<i>Alopecurus saccatus</i>		Pacific foxtail	G	Ann	low herb
	<i>Avena barbata</i> *		slender oat	G,D	Ann	tall herb
	<i>A. fatua</i> *		wild oat	G,D	Ann	tall herb

Vascular Plants of the Fairfield Osborn Preserve

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Family	Botanical Name	ssp. / variety (v.)	Common name	Habitat	Ann/Per	Growth form
POACEAE -- Grass Family						
	<i>Briza minor</i> *		little quaking grass	G,D	Ann	low herb
	<i>Bromus carinatus</i>	v. <i>carinatus</i>	California brome	G,W	Per	tall herb
	<i>B. diandrus</i> *		ripgut grass	G,D	Ann	herb
	<i>B. hordeaceus</i> *		soft chess	G,D	Ann	herb
	<i>B. laevipes</i>		woodland brome	W	Per	herb
	<i>B. madritensis</i> *	<i>madritensis</i>	foxtail chess	G,D	Ann	herb
	<i>B. madritensis</i> *	<i>rubens</i>	red brome	G,D	Ann	herb
	<i>B. sterilis</i> *		poverty brome	G,D	Ann	herb
	<i>B. tectorum</i> *		cheat grass	G,D	Ann	herb
	<i>Cynosurus echinatus</i> *		dogtail grass	G,D	Ann	herb
	<i>Dactylis glomerata</i> *		orchard grass	G,D	Per	tall herb
	<i>Danthonia californica</i>		California oatgrass	G	Per	herb
	<i>Deschampsia cespitosa</i>		tufted hairgrass	G	Per	tall herb
	<i>D. danthonoides</i>		annual hairgrass	G	Ann	low herb
	<i>D. elongata</i>		slender hairgrass	G,W	Per	herb
	<i>Elymus glaucus</i>		blue wildrye	W	Per	tall herb
	<i>E. multisetus</i>		big squirreldtail	G	Per	erect herb
	<i>Festuca californica</i>		California fescue	W	Per	tall, clumping herb
	<i>F. idahoensis</i>		Idaho fescue	W	Per	clumping herb
	<i>Glyceria leptostachya</i>		mannagrass	M	Per	tall herb
	<i>Holcus lanatus</i> *		velvet grass	M,G	Per	tall clumping herb
	<i>Hordeum brachyantherum</i>		meadow barley	G,VP	Per	herb
	<i>H. marinum</i> *	<i>gussoneanum</i>	Mediterranean barley	G,D	Ann	erect herb
	<i>H. murinum</i> *	<i>leporinum</i>	barley	G,D	Ann	erect herb
	<i>Koeleria macrantha</i>		junegrass	W	Per	erect herb
	<i>Leymus triticoides</i>		creeping wildrye	G	Per	erect herb
	<i>Lolium multiflorum</i> *		Italian ryegrass	G,D	Ann	erect herb
	<i>Melica geyeri</i>		onion grass	G,W	Per	erect herb

Vascular Plants of the Fairfield Osborn Preserve

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Family	Botanical Name	ssp. / variety (v.)	Common name	Habitat	Ann/Per	Growth form
POACEAE -- Grass Family						
	<i>Melica torreyana</i>		onion grass	G,C	Per	erect herb
	<i>Nassella lepida</i>		foothill needlegrass	G,W	Per	erect herb
	<i>N. pulchra</i>		purple needlegrass	G,W	Per	clumping herb
	<i>Phalaris aquatica</i> *		Harding grass	M,G,D	Per	tall, clumping herb
	<i>Pleuropogon californica</i>		semaphore grass	G,M	Per	low herb
	<i>Poa annua</i> *		annual bluegrass	G,D	Ann	low herb
	<i>P. secunda</i>	<i>secunda</i>	one-sided bluegrass	G	Per	low herb
	<i>P. trivialis</i> *		rough bluegrass	D	Per	erect herb
	<i>Polypogon interruptus</i> *		ditch beard grass	D	Per	erect herb
	<i>P. monspeliensis</i> *		annual beard grass	M,D	Ann	erect herb
	<i>Taeniatherum caput-medusae</i> *		Medusa-head	G	Ann	erect herb
	<i>Trisetum canescens</i>		trisetum	W	Per	erect herb
	<i>Vulpia myuros</i> *	<i>v. hirsuta</i>	rattail fescue	G	Ann	low herb
TYPHACEAE -- Cattail Family (2 taxa)						
	<i>Typha domingensis</i>		southern cattail	A,M	Per	tall herb
	<i>T. latifolia</i>		broad-leaved cattail	A,M	Per	tall herb
Total: 357 taxa identified through 4/24/2000						
Key to Habitat Types:				Key to Life Histories:		
A = Aquatic				Ann = annual		
C = Chaparral				Bien = biennial		
D = Disturbed areas				Per = perennial		
E = Everywhere (not literally, but certainly a species that is adapted to many habitats)						
F = Forests						
G = Grassland						
M = Marsh						
O = Ornamental planting						
R = Rocky sites						
S = Streamside, seeps				VP = Vernal pools, sag ponds		
T = in, on trees				W = Woodlands		
						Edited 4/2000 PJW

Fairfield Osborn Preserve

AMPHIBIANS		
Family	Species	L.
Salamanders	Pacific Giant Salamander	<i>Dicamptodon ensatus</i>
Newts & Relatives	Rough-skinned Newt	<i>Taricha granulosa</i>
	California Newt	<i>T. torosa</i>
	Ensatina	<i>Ensatina eschscholtzi</i>
	California Slender Salamander	<i>Batrachoseps attenuatus</i>
	Arboreal Salamander	<i>Aneides lugubris</i>
True Toads	Western Toad	<i>Bufo boreas</i>
Treefrogs & Relatives	Pacific Treefrog	<i>Hyla regilla</i>
True Frogs	Red-legged Frog	<i>Rana aurora</i>
	Foothill Yellow-legged Frog	<i>R. boyllii</i>
	Bullfrog	<i>R. catesbeiana</i>
REPTILES		
Family	Species	L.
Spiny Lizards	Western Fence Lizard	<i>Sceloporus occidentalis</i>
Skinks	Western Skink	<i>Eumeces skiltonianus</i>
Alligator Lizards	Northern Alligator Lizard	<i>Gerrhonotus coeruleus</i>
	Southern Alligator Lizard	<i>G. multicarinatus</i>
Boas	Rubber Boa	<i>Charina bottae</i>
	Sharp-tailed Snake	<i>Contia tenuis</i>
Colubrids	Ringneck Snake	<i>Diadophis punctatus</i>
	Racer	<i>Coluber constrictor</i>
	Striped Racer	<i>Masticophis lateralis</i>
	Gopher Snake	<i>Pituophis melanoleucus</i>
	Common Kingsnake	<i>Lampropeltis getulus</i>
	Common Garter Snake	<i>Thamnophis sirtalis</i>
	Terrestrial Garter Snake	<i>T. elegans</i>
	Western Aquatic Garter Snake	<i>T. couchi</i>
Rattlesnakes	Western Rattlesnake	<i>Crotalus viridis</i>
Turtles	Western Pond Turtle	<i>Clemmys marmorata</i>
		<i>updated 03/13/03</i>

**Fairfield Osborn Preserve
Bird Species List**

Family		Species	
<i>Pelecanidae</i>	Pelicans	American White Pelican	<i>Pelecanus erythrorhynchos</i>
<i>Ardeidae</i>	Hérons	Great Blue Heron	<i>Ardea herodias</i>
<i>Anatidae</i>	Geese	Canada Goose	<i>Branta canadensis</i>
	Ducks	Mallard	<i>Anas platyrhynchos</i>
		Ruddy Duck	<i>Oxyura jamaicensis</i>
		Wood Duck	<i>Aix sponsa</i>
		Ring-necked Duck	<i>Aythya collaris</i>
		Bufflehead	<i>Bucephala albeola</i>
		Common Merganser	<i>Mergus merganser</i>
<i>Rallidae</i>	Rails	Virginia Rail	<i>Rallus limicola</i>
		Sora	<i>Porzana carolina</i>
	Coots	American Coot	<i>Fulica americana</i>
<i>Charadriidae</i>	Plovers	Killdeer	<i>Charadrius vociferus</i>
<i>Scolopacidae</i>	Sandpipers	Common Snipe	<i>Gallinago gallinago</i>
<i>Cathartidae</i>	American Vultures	Turkey Vulture	<i>Cathartes aura</i>
<i>Accipitridae</i>	Eagles	Golden Eagle	<i>Aquila chrysaetos</i>
	Kites	White-tailed Kite	<i>Elanus leucurus</i>
		Northern Harrier	<i>Circus ayaneus</i>
	Accipiters	Sharp-shinned Hawk	<i>Accipiter striatus</i>
		Cooper's Hawk	<i>Accipiter cooperii</i>
	Buteos	Red-shouldered Hawk	<i>Buteo lineatus</i>
		Red-tailed Hawk	<i>Buteo jamaicensis</i>
		Ferruginous Hawk	<i>Buteo regalis</i>
<i>Falconidae</i>	Falcons	American Kestrel	<i>Falco sparverius</i>
		Peregrine Falcon	<i>Falco peregrinus</i>
<i>Phasianidae</i>	Quail	California Quail	<i>Callipepla californica</i>
	Turkey	Wild Turkey	<i>Meleagris gallopavo</i>
<i>Columbidae</i>	Pigeons	Band-tailed Pigeon	<i>Columba fasciata</i>
	Doves	Mourning Dove	<i>Zenaida macroura</i>
<i>Tytonidae</i>	Owls	Common Barn Owl	<i>Tyto alba</i>
<i>Strigidae</i>		Northern Saw-whet Owl	<i>Aegolius acadicus</i>
		Great Horned Owl	<i>Bubo virginianus</i>
		Northern Pygmy Owl	<i>Glaucidium gnoma</i>
		Western Screech Owl	<i>Otus kennicottii</i>
<i>Apodidae</i>	Swifts	Vaux's Swift	<i>Chaetura vauxi</i>
<i>Trochilidae</i>	Hummingbirds	Anna's Hummingbird	<i>Calypte anna</i>
		Allen's Hummingbird	<i>Selasphorus sasin</i>
<i>Alcedinidae</i>	Kingfishers	Belted Kingfisher	<i>Ceryle alcyon</i>

**Fairfield Osborn Preserve
Bird Species List**

Family		Species	
Picidae	Woodpeckers	Northern Flicker	<i>Colaptes auratus</i>
		Acorn Woodpecker	<i>Melanerpes formicivorus</i>
		Red-breasted Sapsucker	<i>Sphyrapicus ruber</i>
		Yellow-bellied Sapsucker	<i>S. varius</i>
		Nuttall's Woodpecker	<i>Picoides nuttallii</i>
		Downy Woodpecker	<i>P. pubescens</i>
		Hairy Woodpecker	<i>P. villosus</i>
		Pileated Woodpecker	<i>Dryocopus pileatus</i>
Tyrannidae	Flycatchers	Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>
		Western Wood-Pewee	<i>Contopus sordidulus</i>
		Black Phoebe	<i>Sayornis nigricans</i>
		Pacific-slope (Western) Flycatcher	<i>Empidonax difficilis</i>
		Willow Flycatcher	<i>E. traillii</i>
Hirundinidae	Swallows	Violet-green Swallow	<i>Tachycineta thalassina</i>
		Northern Rough-winged Swallow	<i>Stelgidoptryx serripennis</i>
		Cliff Swallow	<i>Hirundo pyrrhonota</i>
		Barn Swallow	<i>H. rustica</i>
Corvidae	Jays	Scrub Jay	<i>Aphelocoma coerulescens</i>
		Steller's Jay	<i>Cyanocitta stelleri</i>
	Crows	American Crow	<i>Corvus brachyrhynchos</i>
	Ravens	Common Raven	<i>C. corax</i>
Paridae	Titmice	Oak (Plain) Titmouse	<i>Parus inornatus</i>
	Chickadees	Chestnut-backed Chickadee	<i>P. rufescens</i>
Aegithalidae	Bushtits	Bushtit	<i>Psaltriparus minimus</i>
Certhiidae	Creepers	Brown Creeper	<i>Certhia americana</i>
Sittidae	Nuthatches	Red-breasted Nuthatch	<i>Sitta canadensis</i>
		White-breasted Nuthatch	<i>S. carolinensis</i>
Troglodytidae	Wrens	House Wren	<i>Troglodytes aedon</i>
		Winter Wren	<i>T. troglodytes</i>
		Bewick's Wren	<i>Thryomanes bewickii</i>
		Marsh Wren	<i>Cistothorus plustris</i>
Miscicapidae	Thrushes	Ruby-crowned Kinglet	<i>Regulus calendula</i>
		Golden-crowned Kinglet	<i>R. satrapa</i>
		Western Bluebird	<i>Sialia mexicana</i>
		Swainson's Thrush	<i>Catharus ustulatus</i>
		Hermit Thrush	<i>C. guttatus</i>
		Varied Thrush	<i>Ixoreus naevius</i>
Laniidae	Shrikes	American Robin	<i>Turdus migratorius</i>
		Loggerhead Shrike	<i>Lanius ludovicianus</i>
Bombycillidae	Waxwings	Cedar Waxwing	<i>Bombycilla cedrorum</i>

**Fairfield Osborn Preserve
Bird Species List**

Family		Species	
<i>Sturnidae</i>	Starlings	European Starling	<i>Sturnus vulgaris</i>
<i>Vireonidae</i>	Vireos	Cassin's (Solitary) Vireo	<i>Vireo cassinii</i>
		Hutton's Vireo	<i>V. huttoni</i>
		Warbling Vireo	<i>V. gilvus</i>
<i>Emberizidae</i>	Warblers	Orange-crowned Warbler	<i>Vermivora celata</i>
		Yellow-rumped Warbler	<i>Dendroica coronata</i>
		Black-throated Gray Warbler	<i>D. nigrescens</i>
		Hermit Warbler	<i>D. occidentalis</i>
		Yellow Warbler	<i>D. petechia</i>
		Townsend's Warbler	<i>D. townsendi</i>
		Wilson's Warbler	<i>Wilsonia pusilla</i>
		Common Yellowthroat	<i>Geothlypis trichas</i>
	Grosbeaks	Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>
	Buntings	Lazuli Bunting	<i>Passerina amoena</i>
	Towhees	California (Brown) Towhee	<i>Pipilo crissalis</i>
		Spotted (Rufous-sided) Towhee	<i>P. maculatus</i>
<i>Emberizidae</i>	Sparrows	Lincoln's Sparrow	<i>Melospiza lincolni</i>
		Song Sparrow	<i>M. melodia</i>
		Fox Sparrow	<i>Passerella iliaca</i>
		Chipping Sparrow	<i>Spizella passerina</i>
		Dark-eyed Junco	<i>Junco hyemalis</i>
		Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>
		White-crowned Sparrow	<i>Z. leucophrys</i>
	Meadowlarks	Western Meadowlark	<i>Sturnella neglecta</i>
	Blackbirds	Red-winged Blackbird	<i>Agelaius phoeniceus</i>
		Brewer's Blackbird	<i>Euphagus cyanocephalus</i>
	Cowbirds	Brown-headed Cowbird	<i>Molothrus ater</i>
	Orioles	Bullock's (Northern) Oriole	<i>Icterus bullockii</i>
	Tanagers	Western Tanager	<i>Piranga ludoviciana</i>
<i>Passeridae</i>	Weavers	House Sparrow	<i>Passer domesticus</i>
<i>Fringillidae</i>	Finches	Pine Siskin	<i>Carduelis pinus</i>
		American Goldfinch	<i>C. tristis</i>
		Lesser Goldfinch	<i>C. psaltria</i>
		House Finch	<i>Carpodacus mexicanus</i>
		Purple Finch	<i>C. purpureus</i>
			updated 03/2003

Fairfield Osborn Preserve
Mammals

Order	Family		Species	
Marsupialia	Opossum	<i>Didelphidae</i>	Virginia Opossum	<i>Didelphis virginiana</i>
Insectivora	Shrew	<i>Soricidae</i>	Trowbridge's Shrew	<i>Sorex trowbridgii</i>
			Vagrant Shrew	<i>S. vagrans</i>
	Mole	<i>Talpidae</i>	Shrew-mole	<i>Neurotrichus gibbsii</i>
			Broad-footed mole	<i>Scapanus latimanus</i>
Chiroptera	Vesper Bats	<i>Vespertilionidae</i>	Pallid Bat	<i>Antrozous pallidus</i>
			Big Brown Bat	<i>Eptesicus fuscus</i>
			Silver-haired Bat	<i>Lasionycteris noctivagans</i>
			Red Bat	<i>Lasiurus borealis</i>
			Hoary Bat	<i>L. cinereus</i>
			Townsend's Long-eared Bat	<i>Plecotus townsendii</i>
Carnivora	Dogs	<i>Canidae</i>	Coyote	<i>Canis latrans</i>
	Foxes		Gray Fox	<i>Urocyon cinereoargenteus</i>
	Raccoons	<i>Procyonidae</i>	Raccoon	<i>Procyon lotor</i>
	Ringtails		Ringtail	<i>Brassariscus astutus</i>
	Skunks & Allies	<i>Mustelidae</i>	Striped Skunk	<i>Mephitis mephitis</i>
			Spotted Skunk	<i>Spilogale putorius</i>
	Weasels		Long-tailed Weasel	<i>Mustela frenata</i>
	Badgers		Badger	<i>Taxidea taxus</i>
	Cats	<i>Felidae</i>	Bobcat	<i>Lynx rufus</i>
			Mountain Lion	<i>Felis concolor</i>
Artiodactyla	Deer	<i>Cervidae</i>	Black-tailed Deer	<i>Odocoileus hemionus</i>
Rodentia	Squirrels	<i>Sciuridae</i>	California Ground Squirrel	<i>Spermophilus beecheyi</i>
			Western Gray Squirrel	<i>Sciurus griseus</i>
	Pocket Gophers	<i>Geomyidae</i>	Botta's Pocket Gopher	<i>Thomomys bottae</i>
	Kangaroo Rats	<i>Heteromyidae</i>	Heerman's Kangaroo Rat	<i>Dipodomys heermanni</i>
	Wood Rats & Allies	<i>Cricetidae</i>	Dusky-Footed Wood Rat	<i>Neotoma fuscipes</i>
	Mice		Brush Mouse	<i>Peromyscus boylii</i>
			Deer Mouse	<i>P. maniculatus</i>
			Harvest Mouse	<i>Reithrodontomys megalotis</i>
	Voles	<i>Arvicolidae</i>	Red Tree Vole	<i>Arborimus longicaudus</i>
			California Meadow Vole	<i>Microtus californicus</i>
Lagomorpha	Rabbits	<i>Leporidae</i>	Black-tailed Jackrabbit	<i>Lepus californicus</i>
			Brush Rabbit	<i>Sylvilagus bachmani</i>
				updated 03/13/03