

Hall Canyon Plant Invertebrate List

CLASS	ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	SEX	Specimen	COMMON NAME	COLLECTOR	DATE COLLECTED	HABITAT	LOCATION	COUNTY
INSECTA	ODONATA	AESCHNIDAE	Aeschnida	umbrosa	occidentalis	M	*	Aeschnid dragonfly	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	ODONATA	AESCHNIDAE	Aeschnida	multicolor		M	*	Aeschnid dragonfly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	ODONATA		Tarnetrum	illotum		M	*	dragonfly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	ODONATA		Belonia	saturata		M	*	dragonfly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	ODONATA	LESTIDAE	Lestes	congener		M	*	spread-winged damselfly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	ODONATA	LESTIDAE	Lestes	congener		F	*	spread-winged damselfly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	ODONATA	COENAGRIONIDA	Enallagma	sp.		F	*	narrow-winged damselfly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	ODONATA	COENAGRIONIDA	Enallagma	boreale		F	*	narrow-winged damselfly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	ODONATA	COENAGRIONIDA	Enallagma	boreale		M	*	narrow-winged damselfly	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	ORTHOPTERA		Trimerotropis	fontana			*	grasshopper	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	ORTHOPTERA		Trimerotropis	sp.			*	grasshopper	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	ORTHOPTERA		Trimerotropis	sp.			*	grasshopper	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	ORTHOPTERA						*	grasshopper	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	ORTHOPTERA						*	grasshopper	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	ORTHOPTERA						*	grasshopper	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	ORTHOPTERA						*	grasshopper	D.C. Hawks	8/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	ORTHOPTERA	GRYLLACRIDIDAE	Stenopelmatus	sp.			*	Jerusalem cricket	D.C. Hawks	no date	L	Lake Fulmor	Riverside Co.
INSECTA	ORTHOPTERA	GRYLLIDAE	Oecanthus	sp.			*	tree cricket	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	ISOPTERA	HODOTERMITIDA	Zootermopsis	sp.			*	dampwood termite	D.C. Hawks	8/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	8/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						off point	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	8/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	ANTHICIDAE?	Anthaxia	sp.			*	ant-like flower beetle	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						off point	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						off point	beetle	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	MORDELLIDAE	Mordella	sp.			*	tumbling flower beetle	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	MORDELLIDAE	Mordellistena	sp.			off point	tumbling flower beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	DRYOPIDAE	Helichus	foveatus			*	long-toed water beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Cymbiodyta	dorsalis			*	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.

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INSECTA	COLEOPTERA		Agabus	sp.			*	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Saxinus	sp.			*	beetle	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Saxinus	sp.			*	beetle	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Zarhipis	integripennis			*	beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Podabrus	sp.			*	beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	CANTHARIDAE	Cantharus	sp.			*	soldier beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Xanthochroa	californica			*	beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	MELYRIDAE	Malachius	biguttulus			*	soft-winged flower beetle	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Aphorista	morosa			*	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	COCCINELLIDAE	Hippodamia	convergens			*	lady beetle	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	COCCINELLIDAE					*	lady beetle	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	CICINDELIDAE	Cicindela	o.	oregona		*	tiger beetle	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	CICINDELIDAE	Cicindela	sp.			*	tiger beetle	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	CERAMBYCIDAE	Ergates	spicalatus	spicalatus		*	long-horned beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	CERAMBYCIDAE	Ergates	sp.			*	long-horned beetle	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	CERAMBYCIDAE	Ergates	pauper		F	*	long-horned beetle	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	CERAMBYCIDAE	Prionus	californicus			*	long-horned beetle	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	CERAMBYCIDAE	Prionus	sp.			*	long-horned beetle	D.C. Hawks	9/6/82	F	Pine Cove	Riverside Co.
INSECTA	COLEOPTERA		Tragosoma	pilosicornis			*	beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	9/6/82	F	Pine Cove	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	9/6/82	F	Pine Cove	Riverside Co.
INSECTA	COLEOPTERA	CERAMBYCIDAE	Asemum	striatum			*	long-horned beetle	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Ortholeptura	valida			*	beetle	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Styloxus	falleri	californicus		*	beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Phymatodes	lecontei			*	beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	SCARABAEIDAE	Polyphylla	decimlineata		M	*	scarab beetle	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	SCARABAEIDAE	Polyphylla	sp.			*	scarab beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	SCARABAEIDAE	Pleocomma	australis		M	*	scarab beetle	D.C. Hawks	10/28/81	F	Mountain Center	Riverside Co.
INSECTA	COLEOPTERA	SCARABAEIDAE	Dichelonyx	vicina		M	*	june beetle subfamily	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Diplotaxis	sp.			*	beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	SCARABAEIDAE	Aphodius	sp.			*	aphodian dung beetle	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Parathyce	fieldi		M	*	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Parathyce	fieldi		F	*	beetle	D.C. Hawks	6/28/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA		Serica	sp.			*	beetle	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA						*	beetle	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	TENEBRIONIDAE	Phloeodes	pustulosus			*	iron-clad beetle	D.C. Hawks	9/20/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	TENEBRIONIDAE	Eleodes	sp.			*	darkling beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	TENEBRIONIDAE	Eleodes?	sp.			*	darkling beetle	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	TENEBRIONIDAE?	Euschides	sp.			*	darkling beetle?	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	TENEBRIONIDAE?	Euschides	sp.		F	*	darkling beetle?	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	TENEBRIONIDAE?	Coelocnemis	californica			*	darkling beetle?	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	COLEOPTERA	TENEBRIONIDAE?	Coelocnemis	sp.			*	darkling beetle?	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	HEMIPTERA	GELASTOCORID	Gelastocoris	oculatus			*	toad bug	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.

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INSECTA	HEMIPTERA	GERRIDAE	Gerris	remigis		M	*	water strider	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	HEMIPTERA	GERRIDAE	Gerris	sp.			*	water strider	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	HEMIPTERA	NOTONECTIDAE	Notonecta	kirbyi			*	back swimmer	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	HEMIPTERA	RHOPALIDAE	Arhysus	sp.			*	scentless plant bug	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	HEMIPTERA	PHYMATIDAE	Phymata	sp.			*	ambush bug	D.C. Hawks	7/30/82	L	Lake Fulmor	Riverside Co.
INSECTA	HEMIPTERA	LYGAEIDAE	Geocoris	pallens			*	big-eyed bug	E.E. McGregor	5/26/73	L	Lake Fulmor	Riverside Co.
INSECTA	HEMIPTERA						*	bug	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	HEMIPTERA						*	bug	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	HOMOPTERA	CICADELLIDAE?					*	leafhopper?	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	HOMOPTERA	CICADELLIDAE?					*	leafhopper?	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	HOMOPTERA	CICADELLIDAE?					*	leafhopper?	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	HOMOPTERA	CICADELLIDAE?					*	leafhopper?	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	HOMOPTERA	COCCIDAE					*	scale insect	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA						*	neuropteran	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA		Brachynemurus	papago?			*	neuropteran	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA						*	neuropteran	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA	ASCALAPHIDAE?	Mekeignon	bellula			*	ascalaphid?	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA						*	neuropteran	D.C. Hawks	7/30/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA	BEROTHIDAE	Lomamyia	latipennis		F	*	beaded lacewing	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA	MANTISPIDAE	Mantispa	cincticumis		M	*	mantispid	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA	HEMEROBIIDAE	Hemerobius	ovalis		M	*	brown lacewing	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA	HEMEROBIIDAE	Hemerobius	ovalis		F	*	brown lacewing	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA	CHRYSOPIDAE	Chrysopa	sp.			*	green lacewing	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA	CHRYSOPIDAE	Chrysopa	sp.			*	green lacewing	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA	CHRYSOPIDAE	Chrysopa	sp.			*	green lacewing	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	NEUROPTERA		Protochauliodes	simplus			*	neuropteran	D.C. Hawks	8/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	8/28/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE	Synedoida	sp.			*	noctuid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE	Trichoplusia	ni			*	cabbage looper	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.

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INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	9/6/82	F	Pine Cove	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	9/6/82	F	Pine Cove	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	9/6/82	F	Pine Cove	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NOCTUIDAE					*	noctuid moth	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	SPHINGIDAE	Hemaris	diffinis		M	*	bumblebee sphinx moth	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	ARCTIIDAE	Lycomorpha	sp.			*	lichen moth	D.C. Hawks	9/13/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA		Hemihyalea	edwardsii		M	*	Edward's Glassy-wing	D.C. Hawks	9/13/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA		Hemihyalea	edwardsii		F	*	Edward's Glassy-wing	D.C. Hawks	9/13/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	SPHINGIDAE	Hyles	lineata			*	white-lined sphinx moth	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	SPHINGIDAE	Sphinx	perelegans		M	*	elegant sphinx moth	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Hesperophylax	sp.			*	skipper	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Hesperophylax?	sp.			*	skipper	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HYDROPSYCHIDA	Hydropsyche?	sp.			*	caddisfly or moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HYDROPSYCHIDA	Hydropsyche?	sp.			*	caddisfly or moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	GRACILLARIIDAE?					*	leaf blotch miner	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	GRACILLARIIDAE?					*	leaf blotch miner	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	OECOPHORIDAE?					*	moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	OECOPHORIDAE?					*	moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	COSMOPTERIGI					*	cosmopterigid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	COSMOPTERIGI					*	cosmopterigid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	GELECHIIDAE					*	gelechid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	GELECHIIDAE					*	gelechid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	GELECHIIDAE					*	gelechid moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	TORTRICIDAE					*	tortricid moth	D.C. Hawks	9/13/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PTEROPHORIDAE					*	plume moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PTEROPHORIDAE					*	plume moth	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PTEROPHORIDAE					*	plume moth	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PTEROPHORIDAE					*	plume moth	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PTEROPHORIDAE					*	plume moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PTEROPHORIDAE					*	plume moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	9/13/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	9/12/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.

Hall Canyon Plant Invertebrate List

CLASS	ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	SEX	Specimen Label	COMMON NAME	COLLECTOR	DATE COLLECTED	HABITAT	LOCATION	COUNTY
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PYRALIDAE					*	snout moth or grass moth	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Thorybes	pylades			missing	northern duskywing					
INSECTA	LEPIDOPTERA	HESPERIIDAE	Systasea	zampa			*	powdered skipper	D.C. Hawks	3/5/77		Sentenac Cyn.	San Diego Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Erynnis	brizo	lacustra		*	lacustra skipper	D.C. Hawks	5/15/77		Monument Park	San Diego Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Erynnis	propertius		M	*	propertius duskywing	D.C. Hawks	5/22/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Erynnis	propertius		F	*	propertius duskywing	D.C. Hawks	5/22/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Erynnis	tristis			*	mournful duskywing	D.C. Hawks	3/15/75		Cowles Mt.	San Diego Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Erynnis	pacuvius			missing	artful duskywing	D.C. Hawks				
INSECTA	LEPIDOPTERA	HESPERIIDAE	Erynnis	funeralis			*	funeral duskywing	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Erynnis	afranius		M	*	afranius duskywing	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Erynnis	afranius		F	*	afranius duskywing	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Pyrgus	scriptura			missing	small checkered skipper					
INSECTA	LEPIDOPTERA	HESPERIIDAE	Pyrgus	albescens			*	western checkered skipper	I. Lawless	5/15/74		Riverside	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Pyrgus	albescens			*	western checkered skipper		10/23/80		Cowles Mt.	San Diego Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Heliopetes	ericetorum			*	large white skipper	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Heliopetes	ericetorum			*	large white skipper	D.C. Hawks	6/27/82		Frazier Park	Ventura Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Pholisora	catullus			*	sootywing	D.C. Hawks	3/27/83		Harford Springs	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Pholisora	libya			*	Mojave sootywing	F.T. Thorne	10/13/56		Borego Valley	San Diego Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Copaeodes	aurantiaca			*	golden skipperling		10/2/80		Riverside	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Hylephila	phyleus			*	fiery skipper	D.C. Hawks	10/11/80		San Diego	San Diego Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Hesperia	juba			*	juba skipper	D.C. Hawks	9/18/76		Scissors Crossing	San Diego Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Hesperia	comma	leussleri		*	Leussler's skipper	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Atalopedes	campestris			*	field skipper	D.C. Hawks	4/16/79		UCR campus	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Ochlodes	sylvanoides	sylvanoides	M	*	woodland skipper	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Ochlodes	sylvanoides	sylvanoides	F	*	woodland skipper	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Ochlodes	agricola			missing	rural skipper					
INSECTA	LEPIDOPTERA	HESPERIIDAE	Paratrytone	melane			*	umber skipper		10/23/80		Riverside	Riverside Co.
INSECTA	LEPIDOPTERA	HESPERIIDAE	Lerodea	eufala			*	eufala skipper	D.C. Hawks	11/8/80		Fairmont Park	Riverside Co.
INSECTA	LEPIDOPTERA	MEGATHYMIDAE	Megathymus	coloradensis			*	Martin's giant skipper	Ballmer & Pratt	1/27/83		Cajon Pass	San Bernardino Co.
INSECTA	LEPIDOPTERA	MEGATHYMIDAE	Agathymus	stephensi			*	Stephan's giant skipper	G.R. Ballmer	1/?/72		Horsethief Creek	Riverside Co.
INSECTA	LEPIDOPTERA	PAPILIONIDAE	Papilio	indra	pergamus		*	Edward's swallowtail	D.C. Hawks	7/2/76		Monument Park	San Diego Co.
INSECTA	LEPIDOPTERA	PAPILIONIDAE	Papilio	zelecaon			*	anise swallowtail	D.C. Hawks	10/2/80			San Diego Co.
INSECTA	LEPIDOPTERA	PAPILIONIDAE	Papilio	polyzenes	rudkini		*	Rudkin's swallowtail	D.C. Hawks	5/4/78		Bonanza King Mine	San Bernardino Co.
INSECTA	LEPIDOPTERA	PAPILIONIDAE	Pterourus	rutulus			*	Western tiger swallowtail	D.C. Hawks	7/6/78		Riverside	Riverside Co.
INSECTA	LEPIDOPTERA	PAPILIONIDAE	Pterourus	eurymedon			*	pale swallowtail					
INSECTA	LEPIDOPTERA	PIERIDAE	Pontia	beckerii			*	Becker's white	D.C. Hawks	11/13/76		Scissors Crossing	San Diego Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Abaeis	nicippe			*	sleepy sulfur	D.C. Hawks	10/10/76		Mason Valley	San Diego Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Nathalis	iole			*	dwarf yellow	D.C. Hawks	10/3/76		Mason Valley	San Diego Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Anthocharis	cethura			*	Felder's orange-tip	G. Pratt	10/21/81		Hiway 173?	San Bernardino Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Anthocharis	sara			*	Sara orange-tip	D.C. Hawks	2/24/74		Grossmont Canyon	San Diego Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Artogeia	rapae			*	cabbage white	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Euclioe	hyantis			*	hyantis marble	D.C. Hawks	4/7/77		Jucumba	San Diego Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Pontia	sisymbrii			*	California white	D.C. Hawks	4/8/83		Bonanza King Canyon	San Bernardino Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Falcapica	lanceolata			*	Grinnell's marble	D.C. Hawks	4/9/83		Rook Corral	San Bernardino Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Zerene	eurydice			*	California dogface	D.C. Hawks	7/15/22		San Bernardino Mts.	San Bernardino Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Zerene	eurydice			*	California dogface	D.C. Hawks	10/3/82		UCR campus	Riverside Co.

Hall Canyon Plant Invertebrate List

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INSECTA	LEPIDOPTERA	PIERIDAE	Zerene	oesonia			*	Southern dogface	W.J. Gertsch	10/13/74		Portal, Arizona	
INSECTA	LEPIDOPTERA	PIERIDAE	Coilas	eurytheme			*	alfalfa sulfur	D.C. Hawks	10/4/80		Wild Horse Meadow	San Bernardino Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Coilas	eurytheme			*	alfalfa sulfur	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Coilas	harfordii		M	*	Harford's sulfur	D.C. Hawks	7/30/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Coilas	harfordii			*	Harford's sulfur	D.C. Hawks	7/30/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Phoebis	sennae	marcellina		*	cloudless sulfur		7/5/81		San Diego	San Diego Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Pontia	protodice			*	checkered white	G.R. Ballmer	10/8/52		El Centro	Riverside Co.
INSECTA	LEPIDOPTERA	PIERIDAE	Pontia	protodice			*	checkered white		10/6/32		Riverside	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Tharsalea	arota			*	arota copper	D.C. Hawks	6/26/82		NW side of Greenhorn	Kern Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Gaeides	xanthoides			*	great copper	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Gaeides	xanthoides			*	great copper	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Gaeides	gorgon			*	gorgon copper	G.R. Ballmer	5/17/72		5.4 mi. E Sta. Margarita	San Luis Obispo Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Epidemia	helioides			*	purplish copper	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Epidemia	helioides			*	purplish copper	D.C. Hawks	8/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Habrodais	grunus	grunus	M	*	Boisduval's hairstreak	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Atlides	halesus	estesi		*	great blue hairstreak	D.C. Hawks	1/15/78	L	Mission Dam	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Satyrium	californica			*	California hairstreak	D.C. Hawks	6/26/82		3 mi. E. Glennville	Kern Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Satyrium	sylvinus			*	sylvan hairstreak	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Satyrium	sylvinus			*	sylvan hairstreak	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Satyrium	auretorum		M	*	nut-brown hairstreak	G.R. Ballmer	6/19/65	L	4 mi. W. Lake Henshaw	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Satyrium	tetra			*	gray hairstreak	G.R. Ballmer	7/18/65	L	Lake Henshaw	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Satyrium	saepium			*	hedge-row hairstreak	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Mitoura	loki		M	*	Skinner's hairstreak	G.R. Ballmer	6/26/65		Mockingbird Canyon	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Callophrys	dumetorum			*	bramble hairstreak	G.R. Ballmer	3/31/72		Pinon Hills	San Bernardino Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Mitoura	spinetorum			*	thicket hairstreak	Gercoft?	7/4/49?		Mill Creek	San Bernardino Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Mitoura	nelsoni	nelsoni		*	Nelson's hairstreak	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Strymon	melinus	pu dica	M	*	common hairstreak	D.C. Hawks	7/30/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Strymon	melinus	pu dica		*	common hairstreak	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Incisalia	augustinus			*	Western elfin	D.C. Hawks	3/30/75		Wanuer's Hot Springs?	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Brephidium	exilis			*	pigmy blue	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Leptotes	marina			*	marine blue	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Leptotes	marina			*	marine blue	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Hemiargus	ceraunus		M	*	Edward's blue	C.M. Dammers	8/26/30		Blythe	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Hemiargus	ceraunus		F	*	Edward's blue	C.M. Dammers	8/26/30		Blythe	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Hemiargus	isola			*	isola blue	D.C. Hawks	7/24/75		Cave Creek, Arizona	
INSECTA	LEPIDOPTERA	LYCAENIDAE	Hemiargus	isola			*	isola blue	Saul Fvommov?	8/17/72		.75 mi. NE Galeyville,	
INSECTA	LEPIDOPTERA	LYCAENIDAE	Everes	amyntula			*	Western tailed blue	D.C. Hawks	5/2/76		Dictionary Hill	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Everes	amyntula			*	Western tailed blue	D.C. Hawks	4/21/74		San Diego	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Celastrina	argiolus			*	echo blue	D.C. Hawks	2/22/76		Cowles Mt.	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Celastrina	argiolus			*	echo blue	D.C. Hawks	5/20/80		Palomar State Park	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Euphilotes	battoides			*	Bernardino blue	D.C. Hawks	5/24/75	L	Lake Murray	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Euphilotes	battoides			*	Bernardino blue	D.C. Hawks	5/26/74		Canyon at N. end 68th St.	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Philotes	sonorensis			*	Sonora blue	D.C. Hawks	3/2/75		Sentenac Canyon	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Philotes	sonorensis			*	Sonora blue	D.C. Hawks	3/24/78		Sentenac Canyon	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Euphilotes	enoptes			missing	Dammer's blue					
INSECTA	LEPIDOPTERA	LYCAENIDAE	Glaucopsyche	piasus			*	arrowhead blue	D.C. Hawks	5/15/76		Nr. Guatay?	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Glaucopsyche	lygdamus		M	*	Southern blue	D.C. Hawks	3/28/75		San Diego	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Glaucopsyche	lygdamus			*	Southern blue	D.C. Hawks	3/27/77		Otay Mt.	San Diego Co.

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INSECTA	LEPIDOPTERA	LYCAENIDAE	Lycaeides	melissa			*	Melissa blue	D.C. Hawks	9/18/77		Kitchen Creek	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Lycaeides	melissa			*	Melissa blue	D.C. Hawks	6/25/76		Palomar Mt.	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Plebejus	saepiolus	hilda		*	Hilda blue	D.C. Hawks	6/16/82		Wild Horse Meadows	San Bernardino Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Icaricia	icarioides	evius		*	evius blue	D.C. Hawks	6/20/75		Wild Horse Meadows	San Bernardino Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Icaricia	icarioides	evius		*	evius blue	D.C. Hawks	6/8/75		Monument Park	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Icaricia	acmon			*	acmon blue	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Icaricia	acmon			*	acmon blue	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Icaricia	lupini			*	lupine blue	D.C. Hawks	5/25/75	F	Pine Valley	San Diego Co.
INSECTA	LEPIDOPTERA	LYCAENIDAE	Icaricia	lupini			*	lupine blue	D.C. Hawks	5/25/75	F	Pine Valley	San Diego Co.
INSECTA	LEPIDOPTERA	RIODINIDAE	Calephelis	wrighti		F	*	Wright's metalmark	D.C. Hawks	5/22/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	RIODINIDAE	Apodemia	mormo	virgulti	M	*	Behr's metalmark	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	RIODINIDAE	Apodemia	mormo	virgulti	F	*	Behr's metalmark	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	HELICONIIDAE	Agraulis	vanillae			*	gulf fritillary		10/2/80			Riverside Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Speyeria	coronis	semiramis		*	semiramis fritillary	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Speyeria	coronis	semiramis		*	semiramis fritillary	D.C. Hawks	7/30/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Thessalia	leanira	wrighti	M	*	Wright's checkerspot	G.R. Ballmer	4/25/64		Gavilan Hills	Riverside Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Chlosyne	californica			*	California patch	D.C. Hawks	4/10/76		Palm Canyon	San Diego Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Charidryas	neumoegeni			*	Neumoegen's checkerspot	D.C. Hawks	4/26/83		Rock Corral	San Bernardino Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Charidryas	gabbii			*	Gabb's checkerspot	D.C. Hawks	4/8/74		Mission Dam	San Diego Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Dymasia	dymas	imperialis		*	imperial checkerspot	D.C. Hawks	4/10/76		Palm Canyon	San Diego Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Phyciodes	pratensis		F	*	field crescent	C.M. Dammers	11/2/30			San Bernardino Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Phyciodes	mylitta			*	mylitta crescent	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Phyciodes	mylitta			*	mylitta crescent	D.C. Hawks	9/13/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Occidryas	chalcadona			*	chalcadon checkerspot	D.C. Hawks	4/22/74		San Diego	San Diego Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Occidryas	chalcadona	hennei		*	Henne's checkerspot	D.C. Hawks	3/2/75		Sentenac Canyon	San Diego Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Polygonia	satyrus			*	satyr anglewing	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Polygonia	zephyrus			*	zephyr anglewing	D.C. Hawks	8/30/75		Sugarloaf Mountain	San Bernardino Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Nymphalis	californica			*	California tortoise-shell	M.G. Douglas	6/30/72		near Mt. Shasta	Shasta Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Nymphalis	antiopa			*	mourning cloak	D.C. Hawks	4/16/74		San Diego	San Diego Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Vanessa	virginiensis		M	*	Virginia lady	D.C. Hawks	7/30/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Vanessa	annabella			*	West coast lady	D.C. Hawks	8/30/75		Sugarloaf Mountain	San Bernardino Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Vanessa	cardui			*	painted lady	E.M.?	10/20/82		Macedonia Canyon,	San Bernardino Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Vanessa	atalanta			*	red admiral		9/21/?		White Mountains	
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Junonia	coenia		M	*	buckeye	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Limenitis	lorquini			*	Lorquin's admiral	D.C. Hawks	4/17/83		San Pasqual Valley	San Diego Co.
INSECTA	LEPIDOPTERA	NYMPHALIDAE	Adelpha	bredowii	californica	M	*	California sister	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	SATYRIDAE	Coenonympha	californica			*	California ringlet	D.C. Hawks	4/3/76		Dictionary Hill	San Diego Co.
INSECTA	LEPIDOPTERA	SATYRIDAE	Cercyonis	sthenele			*	Behr's satyr	D.C. Hawks	7/18/74		Barton Flats, San	San Bernardino Co.
INSECTA	LEPIDOPTERA	DANAIDAE	Danaus	plexippus			*	monarch	D.C. Hawks	8/18/78		Siskiyou Summit, Oregon	
INSECTA	LEPIDOPTERA	DANAIDAE	Danaus	gillippus	strigosus		*	striated queen	D.C. Hawks	8/23/74		Pena Blanca, Arizona	
INSECTA	LEPIDOPTERA	GEOMETRIDAE					*	geometer	D.C. Hawks	9/13/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	GEOMETRIDAE					*	geometer	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	GEOMETRIDAE					*	geometer	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	GEOMETRIDAE					*	geometer	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	GEOMETRIDAE					*	geometer	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	GEOMETRIDAE					*	geometer	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	GEOMETRIDAE					*	geometer	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	LEPIDOPTERA	GEOMETRIDAE					*	geometer	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.

Hall Canyon Plant Invertebrate List

CLASS	ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	SEX	LAB Specimen	COMMON NAME	COLLECTOR	DATE COLLECTED	HABITAT	LOCATION	COUNTY
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA		Callinicus	pictitarsis			*	fly	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA		Callinicus?	pictitarsis?			*	fly	D.C. Hawks	7/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA		Stenopogon	nigritulus			*	fly	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA		Cyrtopogon	vandykei			*	fly	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA		Cyrtopogon?	vandykei?			*	fly	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA		Cyrtopogon?	vandykei?			*	fly	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	7/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA	SYRPHIDAE	Spilomyia	interrupta			*	flower fly	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly (wasp mimic)	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly (wasp mimic)	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly (wasp mimic)	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly (wasp mimic)	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA	TABANIDAE	Volucella	mexicana			*	horse fly	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA	TABANIDAE	Volucella?	mexicana?			*	horse fly	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA	TABANIDAE	Volucella?	mexicana?			*	horse fly	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA		Thevenemyia	lotus	lotus		*	fly	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA		Thevenemyia	accedens			*	fly	D.C. Hawks	7/2/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						off point	fly	D.C. Hawks	7/15/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/4/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	DIPTERA						*	fly	D.C. Hawks	9/11/82	L	Lake Fulmor	Riverside Co.
INSECTA	HYMENOPTERA	POMPILIDAE	Pepsis	c.	chrysothemis	M	*	spider wasp	D.C. Hawks	8/10/82	L	Lake Fulmor	Riverside Co.
INSECTA	HYMENOPTERA	POMPILIDAE	Pepsis	c.	chrysothemis	F	*	spider wasp	D.C. Hawks	8/29/82	L	Lake Fulmor	Riverside Co.