

**Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List**

**APPENDIX H
SPECIES LIST**

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Buprestidae	Agrilus	anxius		Gory	canopy
Coleoptera	Buprestidae	Agrilus	arbuti		Fisher	open veg
Coleoptera	Buprestidae	Agrilus	burkei		Fisher	canopy
Coleoptera	Buprestidae	Agrilus	hyperici		(Creutzer)	meadow veg
Coleoptera	Buprestidae	Agrilus	politus		Say	open veg
Coleoptera	Buprestidae	Anthaxia	deleta		LeConte	open veg
Coleoptera	Buprestidae	Anthaxia	expansa		LeConte	open veg
Coleoptera	Buprestidae	Anthaxia	simiola (aenescens)		Casey	open veg
Coleoptera	Buprestidae	Buprestis	adjecta		LeConte	canopy
Coleoptera	Buprestidae	Buprestis	aurulenta		Linnaeus	canopy
Coleoptera	Buprestidae	Buprestis	intricata		Casey	canopy
Coleoptera	Buprestidae	Buprestis	langi		Mannerheim	canopy
Coleoptera	Buprestidae	Buprestis	rusticorum		Kirby	canopy
Coleoptera	Buprestidae	Chrysobothris	grandis		Chamberlin	canopy
Coleoptera	Buprestidae	Chrysobothris	mali		Horn	canopy
Coleoptera	Buprestidae	Chrysobothris	pseudotsugae		VanDyke	canopy
Coleoptera	Buprestidae	Chrysolina	hyperici		(Forster)	meadow veg
Coleoptera	Buprestidae	Chrysolina	quadrigemina		(Suffrian)	meadow veg
Coleoptera	Buprestidae	Chrysophana	placida		LeConte	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Buprestidae	Dicerca	crassicollis		LeConte	canopy
Coleoptera	Buprestidae	Dicerca	horni		Crotch	canopy
Coleoptera	Buprestidae	Melanophila	acuminata		(DeGeer)	canopy
Coleoptera	Buprestidae	Melanophila	californica		Van Dyke	canopy
Coleoptera	Buprestidae	Melanophila	drummondi		Kirby	canopy
Coleoptera	Cerambycidae	Acmaeops	sp.			?
Coleoptera	Cerambycidae	Anastrangalia	laetifica		(LeConte)	open veg
Coleoptera	Cerambycidae	Aneflomorpha	sp.			?
Coleoptera	Cerambycidae	Arhopalus	asperatus		LeConte	canopy
Coleoptera	Cerambycidae	Arhopalus	sp.			?
Coleoptera	Cerambycidae	Asemum	caseyi		Linsley	canopy
Coleoptera	Cerambycidae	Asemum	nitidum		Lec.	canopy
Coleoptera	Cerambycidae	Asemum	sp.			?
Coleoptera	Cerambycidae	Atimia	confusa	dorsalis	LeConte	canopy
Coleoptera	Cerambycidae	Atimia	helenae		Linsley	
Coleoptera	Cerambycidae	Brachyleptura	dehiscens		(LeConte)	open veg
Coleoptera	Cerambycidae	Brachyleptura	vexatrix		(Mannerheim)	open veg
Coleoptera	Cerambycidae	Brachysomida	sp.			?
Coleoptera	Cerambycidae	Brothylus	sp.			?
Coleoptera	Cerambycidae	Callidiellum	sp.			?
Coleoptera	Cerambycidae	Callidium	angustipennis		Chemsak	canopy
Coleoptera	Cerambycidae	Callidium	cicatricosum		Mannerheim	canopy
Coleoptera	Cerambycidae	Callidium	sempervirens		Linsley	canopy
Coleoptera	Cerambycidae	Callimoxys	sp.			?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Cerambycidae	Centrodera	sp.			?
Coleoptera	Cerambycidae	Clytus	canadensis		Hopping	
Coleoptera	Cerambycidae	Clytus	pacificus		VanDyke	canopy
Coleoptera	Cerambycidae	Clytus	planifrons		LeConte	canopy
Coleoptera	Cerambycidae	Cortodera	militaris	constans	LeConte	open veg
Coleoptera	Cerambycidae	Cortodera	sp.			?
Coleoptera	Cerambycidae	Cosmosalia	chrysocoma		Kirby	open veg
Coleoptera	Cerambycidae	Crossidius	mojavensis	mojavensis	Linsley	
Coleoptera	Cerambycidae	Crossidius	sp.			?
Coleoptera	Cerambycidae	Desmocerus	auripennis	lacustris	Linsley & Chemsak	open veg
Coleoptera	Cerambycidae	Desmocerus	californicus	dimorphus	Horn	
Coleoptera	Cerambycidae	Dicentrus	bidentatus		(Champion & Knull)	canopy
Coleoptera	Cerambycidae	Dicentrus	bluthneri		LeConte	canopy
Coleoptera	Cerambycidae	Dorcasina	sp.			?
Coleoptera	Cerambycidae	Elatotrypes	sp.			?
Coleoptera	Cerambycidae	Enaphalodes	sp.			?
Coleoptera	Cerambycidae	Encylops	sp.			?
Coleoptera	Cerambycidae	Ergates	spiculatus		LeConte	canopy
Coleoptera	Cerambycidae	Eucrossus	sp.			?
Coleoptera	Cerambycidae	Eumichthus	oedipus		LeConte	canopy
Coleoptera	Cerambycidae	Eupogonocherus	sp.			?
Coleoptera	Cerambycidae	Evodinus	monticola	vancouveri	Casey	open veg
Coleoptera	Cerambycidae	Gaurotes	sp.			?
Coleoptera	Cerambycidae	Ghathacmaeops	sp.			?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Cerambycidae	Grammoptera	molybdica		LeConte	open veg
Coleoptera	Cerambycidae	Hesperanoplium	sp.			?
Coleoptera	Cerambycidae	Holopleura	sp.			?
Coleoptera	Cerambycidae	Hybodera	tuberculata		LeConte	canopy
Coleoptera	Cerambycidae	Hyperplatys	montana		Casey	
Coleoptera	Cerambycidae	Judolia	instabilis		(Haldeman)	open veg
Coleoptera	Cerambycidae	Lampropteris	sp.			?
Coleoptera	Cerambycidae	Leptalia	macilenta		(Mannerheim)	open veg
Coleoptera	Cerambycidae	Leptura	kerniana		Fall	
Coleoptera	Cerambycidae	Leptura	obliterata		Haldeman	open veg
Coleoptera	Cerambycidae	Lepturopsis	dolorosa		(LeConte)	open veg
Coleoptera	Cerambycidae	Lophopogonius	sp.			?
Coleoptera	Cerambycidae	Malobidion	brunneum		Schaeffer	
Coleoptera	Cerambycidae	Megacheuma	sp.			?
Coleoptera	Cerambycidae	Meganoplium	sp.			?
Coleoptera	Cerambycidae	Megasemum	asperum		(LeConte)	canopy
Coleoptera	Cerambycidae	Meriellum	sp.			?
Coleoptera	Cerambycidae	Molorchus	longicollis		LeConte	open veg
Coleoptera	Cerambycidae	Moneilema	sp.			?
Coleoptera	Cerambycidae	Monochamus	carolinensis		Olivier	canopy
Coleoptera	Cerambycidae	Monochamus	clamator		(LeConte)	canopy
Coleoptera	Cerambycidae	Monochamus	oregonensis		LeConte	canopy
Coleoptera	Cerambycidae	Neanthophylax	tenebrosus		(LeConte)	canopy
Coleoptera	Cerambycidae	Necydalis	sp.			?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Cerambycidae	Nealosterna	rubida		(LeConte)	open veg
Coleoptera	Cerambycidae	Neobellamira	sp.			?
Coleoptera	Cerambycidae	Neoclytus	magnus		Schaeffer	
Coleoptera	Cerambycidae	Neoclytus	sp.			?
Coleoptera	Cerambycidae	Obrium	californicum		Van Dyke	canopy
Coleoptera	Cerambycidae	Obrium	sp.			?
Coleoptera	Cerambycidae	Oeme	sp.			?
Coleoptera	Cerambycidae	Opsimus	quadrilineatus		Mannerheim	canopy
Coleoptera	Cerambycidae	Ortholeptura	obscura		Swaine & Hopping	open veg
Coleoptera	Cerambycidae	Ortholeptura	valida		(LeConte)	canopy
Coleoptera	Cerambycidae	Pachyta	armata		LeConte	open veg
Coleoptera	Cerambycidae	Paratimia	sp.			?
Coleoptera	Cerambycidae	Phymatodes	aeneus		LeConte	canopy
Coleoptera	Cerambycidae	Phymatodes	nitidus		LeConte	canopy
Coleoptera	Cerambycidae	Phymatodes	oregonensis		Chemsak	canopy
Coleoptera	Cerambycidae	Phymatodes	tysoni		Chemsak & Linsley	canopy
Coleoptera	Cerambycidae	Pidonia	gnathoides		(LeConte)	open veg
Coleoptera	Cerambycidae	Pidonia	quadrata		Hopping	open veg
Coleoptera	Cerambycidae	Pidonia	scripta		LeConte	open veg
Coleoptera	Cerambycidae	Piodes	sp.			?
Coleoptera	Cerambycidae	Plectrura	sp.			?
Coleoptera	Cerambycidae	Poecilobrium	sp.			?
Coleoptera	Cerambycidae	Pogonocherus	sp.			?
Coleoptera	Cerambycidae	Poliaenus	sp.			?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Cerambycidae	Prionus	sp.			?
Coleoptera	Cerambycidae	Pronocera	sp.			?
Coleoptera	Cerambycidae	Pseudogaurotina	sp.			?
Coleoptera	Cerambycidae	Pseudopilema	sp.			?
Coleoptera	Cerambycidae	Purpuricenusa	sp.			?
Coleoptera	Cerambycidae	Pygoleptura	sp.			?
Coleoptera	Cerambycidae	Pyrotrichus	sp.			?
Coleoptera	Cerambycidae	Rhagium	inquisitor		Linnaeus	canopy
Coleoptera	Cerambycidae	Rosalia	funnebris		Motschulsky	canopy
Coleoptera	Cerambycidae	Rosalia	sp.			?
Coleoptera	Cerambycidae	Semanotus	lignea	amplus	(Casey)	canopy
Coleoptera	Cerambycidae	Semanotus	litigiosus		Casey	canopy
Coleoptera	Cerambycidae	Spondylis	sp.			?
Coleoptera	Cerambycidae	Stenocorus	flavolineatus		(LeConte)	open veg
Coleoptera	Cerambycidae	Stenocorus	vestitus		Haldeman	open veg
Coleoptera	Cerambycidae	Stenostrophia	amabilis		(LeConte)	open veg
Coleoptera	Cerambycidae	Stictoleptura	canadensis	cribripennis	(LeConte)	open veg
Coleoptera	Cerambycidae	Stropiona	sp.			?
Coleoptera	Cerambycidae	Styloxus	sp.			?
Coleoptera	Cerambycidae	Synaphaeta	sp.			?
Coleoptera	Cerambycidae	Tetropium	velutina		LeConte	canopy
Coleoptera	Cerambycidae	Trachysida	aspera		(LeConte)	open veg
Coleoptera	Cerambycidae	Tragidion	sp.			?
Coleoptera	Cerambycidae	Tragosoma	depsarius		Linnaeus	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Cerambycidae	Triodoclytus	sp.			?
Coleoptera	Cerambycidae	Typocerus	serraticornis		Linsley & Chemsak	open veg
Coleoptera	Cerambycidae	Typocerus	sp.			?
Coleoptera	Cerambycidae	Ulochaetes	leoninus		LeConte	canopy
Coleoptera	Cerambycidae	Vandykea	sp.			?
Coleoptera	Cerambycidae	Xestoleptura	behrensi		(LeConte)	open veg
Coleoptera	Cerambycidae	Xestoleptura	crassipes		(LeConte)	open veg
Coleoptera	Cerambycidae	Xestoleptura	tibialis		(LeConte)	open veg
Coleoptera	Cerambycidae	Xylocrius	sp.			?
Coleoptera	Cerambycidae	Xylosteus	sp.			?
Coleoptera	Cerambycidae	Xylotrechus	sp.			?
Coleoptera	Chrysomelidae	Altica	ambiens		LeConte	canopy
Coleoptera	Chrysomelidae	Altica	tombacina		Mannerheim	open veg
Coleoptera	Chrysomelidae	Anisostema	californica		VanDyke	?
Coleoptera	Chrysomelidae	Bromius	obscurus		Linnaeus	open veg
Coleoptera	Chrysomelidae	Chrysolina	gemellata		?	open veg
Coleoptera	Chrysomelidae	Chrysolina	hyperici		Forster	open veg
Coleoptera	Chrysomelidae	Chrysolina	quadrigemina		(Suffrian)	open veg
Coleoptera	Chrysomelidae	Chrysomela	aeneicollis		Schaeffer	riparian veg
Coleoptera	Chrysomelidae	Chrysomela	interna		Brown	canopy
Coleoptera	Chrysomelidae	Cryptocephalus	sanguinicollis		Suffrian	riparian veg
Coleoptera	Chrysomelidae	Diachus	auratus		Fabricius	riparian veg
Coleoptera	Chrysomelidae	Dibolia	sp.			?
Coleoptera	Chrysomelidae	Disonycha	pluriligata		(Leconte)	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Chrysomelidae	Galeruca	rudis		LeConte	open veg
Coleoptera	Chrysomelidae	Longitarsus	ganglbaueri		?	open veg
Coleoptera	Chrysomelidae	Longitarsus	jacobaeae		Waterhouse	open veg
Coleoptera	Chrysomelidae	Longitarsus	nigrocephalus		White	open veg
Coleoptera	Chrysomelidae	Longitarsus	sp.			open veg
Coleoptera	Chrysomelidae	Monoxia	angularis		LeConte	open veg
Coleoptera	Chrysomelidae	Orsodacne	atra		Ahrens	?
Coleoptera	Chrysomelidae	Pachybrachis	circumcinctus		Crotch	?
Coleoptera	Chrysomelidae	Pachybrachis	melanostichus		Suffrian	riparian veg
Coleoptera	Chrysomelidae	Phaedon	prasinellus		LeConte	open veg
Coleoptera	Chrysomelidae	Phyllotreta	denticornis		Horn	open veg
Coleoptera	Chrysomelidae	Phyllotreta	sp.			open veg
Coleoptera	Chrysomelidae	Pseudoluperus	longulus		LeConte	?
Coleoptera	Chrysomelidae	Psylliodes	sp.			open veg
Coleoptera	Chrysomelidae	Pyrrhalta	carbo		LeConte	riparian veg
Coleoptera	Chrysomelidae	Pyrrhalta	luteola		Muller	
Coleoptera	Chrysomelidae	Pyrrhalta	punctipennis		Mannerheim	riparian veg
Coleoptera	Chrysomelidae	Scelolyperus	hatchi		Wilcox	?
Coleoptera	Chrysomelidae	Scelolyperus	varipes		LeConte	?
Coleoptera	Chrysomelidae	Syneta	carinata		Mannerheim	canopy
Coleoptera	Chrysomelidae	Syneta	hamata		Horn	canopy
Coleoptera	Chrysomelidae	Syneta	simplex		LeConte	canopy
Coleoptera	Chrysomelidae	Timarcha	cerdo		[French]	understory
Coleoptera	Chrysomelidae	Timarcha	intricata		Haldeman	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Curculionidae	Anthonomus	cognatus		Burke	open veg
Coleoptera	Curculionidae	Anthonomus	fulvus		LeConte	open veg
Coleoptera	Curculionidae	Anthonomus	haematopus		Boheman	riparian veg
Coleoptera	Curculionidae	Anthonomus	sp.			?
Coleoptera	Curculionidae	Apion	cribricolle		LeConte	open veg
Coleoptera	Curculionidae	Apion	fuscirostre		Fabricius	open veg
Coleoptera	Curculionidae	Apion	sp.			?
Coleoptera	Curculionidae	Auleutes	cruralis		(LeConte)	?
Coleoptera	Curculionidae	Bangasternus	orientalis		(Capiomont)	open veg
Coleoptera	Curculionidae	Cimberis	comptus		LeConte	canopy
Coleoptera	Curculionidae	Cnemogonus	lecontei		Dietz	?
Coleoptera	Curculionidae	Cryptorhynchus	lapathi		Linnaeus	canopy
Coleoptera	Curculionidae	Cylindrocopturus	furnissi		Buchanan	canopy
Coleoptera	Curculionidae	Cylindrocopturus	longulus		LeConte	canopy
Coleoptera	Curculionidae	Deporaus	glastinus		LeConte	canopy
Coleoptera	Curculionidae	Dorytomus	mannerheimi		Gemminger	riparian veg
Coleoptera	Curculionidae	Dorytomus	sp.			?
Coleoptera	Curculionidae	Dyslobus	granicollis		(LeConte)	canopy
Coleoptera	Curculionidae	Dyslobus	lecontei		Casey	canopy
Coleoptera	Curculionidae	Dyslobus	productus		Hatch	canopy
Coleoptera	Curculionidae	Eustenopus	villosus		?	open veg
Coleoptera	Curculionidae	Geodercodes	latipennis		Casey	litter
Coleoptera	Curculionidae	Gymnaetron	pascuorum		Gyllenhal	open veg
Coleoptera	Curculionidae	Larinus	curtus		?	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Curculionidae	Larinus	minutus		Gyllenhal	open veg
Coleoptera	Curculionidae	Lechriops	californica		(LeConte)	canopy
Coleoptera	Curculionidae	Lobosoma	horridum		Mannerheim	litter
Coleoptera	Curculionidae	Magdalis	alutacea		LeConte	canopy
Coleoptera	Curculionidae	Mecinus	pyraster		(Herbst)	?
Coleoptera	Curculionidae	Nemocestes	incomptus		Horn	understory
Coleoptera	Curculionidae	Nemocestes	puncticollis		Casey	canopy
Coleoptera	Curculionidae	Otiorhynchus	ovatus		Linnaeus	open veg
Coleoptera	Curculionidae	Otiorhynchus	rugosostriatus		(Goeze)	open veg
Coleoptera	Curculionidae	Otiorhynchus	singularis		Linnaeus	litter
Coleoptera	Curculionidae	Otiorhynchus	sulcatus		(Fabricius)	open veg
Coleoptera	Curculionidae	Panscopus	abruptus		Casey	meadow veg
Coleoptera	Curculionidae	Panscopus	gemmatus		LeConte	canopy
Coleoptera	Curculionidae	Phyllotrox	canyonaceris		Warner	
Coleoptera	Curculionidae	Phyllotrox	rutilis		(Fall)	?
Coleoptera	Curculionidae	Pissodes	fasciatus		LeConte	canopy
Coleoptera	Curculionidae	Pissodes	piperi		Hopkins	canopy
Coleoptera	Curculionidae	Pissodes	strobi		(Peck)	canopy
Coleoptera	Curculionidae	Pissodes	utahensis		Hopkins	canopy
Coleoptera	Curculionidae	Pissodes	yosemite		Hopkins	canopy
Coleoptera	Curculionidae	Plinthodes	taeniatus		LeConte	canopy
Coleoptera	Curculionidae	Pseudopanscopus	costatus		Buchanan	canopy
Coleoptera	Curculionidae	Rhinocyllus	conicus		Froelich	open veg
Coleoptera	Curculionidae	Rhynchaenus	parvicollis		LeConte	riparian veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Curculionidae	Rhynchaenus	rufipes		LeConte	riparian veg
Coleoptera	Curculionidae	Rhynchites	bicolor		Fabricius	open veg
Coleoptera	Curculionidae	Sciopithes	obscurus		Horn	understory
Coleoptera	Curculionidae	Scythropus	elegans		(Couper)	canopy
Coleoptera	Curculionidae	Scythropus	ferrugineus		Casey	canopy
Coleoptera	Curculionidae	Sitona	californicus		Fahraeus	open veg
Coleoptera	Curculionidae	Sitona	californius (oregonensis)		Fahraeus	meadow veg
Coleoptera	Curculionidae	Sitona	hispidulus		(Fabricius)	meadow veg
Coleoptera	Curculionidae	Sitona	lepidus		Gyllenhal	?
Coleoptera	Curculionidae	Sitona	lineatus		(Linnaeus)	meadow veg
Coleoptera	Curculionidae	Sitona	scissifrons		Say	meadow veg
Coleoptera	Curculionidae	Steremnius	carinatus		Boheman	litter
Coleoptera	Curculionidae	Steremnius	tuberosus		Gyllenhal	litter
Coleoptera	Curculionidae	Tychius	lineelus		LeConte	open veg
Coleoptera	Curculionidae	Tychius	picrostris		(Fabricius)	open veg
Coleoptera	Curculionidae	Tychius	stepheni		Schönherr	open veg
Coleoptera	Dermestidae	Anthrenus	castaneae		Melsheimer	open veg
Coleoptera	Dermestidae	Anthrenus	lepidus		LeConte	open veg
Coleoptera	Dermestidae	Attagenus	piceus		Olivier	open veg
Coleoptera	Dermestidae	Dearthrus	stebbensi		Beal	open veg
Coleoptera	Dermestidae	Orphilus	niger		(Rossi)	open veg
Coleoptera	Dermestidae	Trogoderma	inclusum		LeConte	open veg
Coleoptera	Elateridae	Agriotella	occidentalis		Brown	?
Coleoptera	Elateridae	Agriotes	apicalis		LeConte	?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Elateridae	Agriotes	oregonensis		Beck	?
Coleoptera	Elateridae	Athous	imitans		Fall	open veg
Coleoptera	Elateridae	Athous	rufiventris		Eschscholtz	open veg
Coleoptera	Elateridae	Athous	scissus		LeConte	open veg
Coleoptera	Elateridae	Athous	varius		Lane	open veg
Coleoptera	Elateridae	Athous	vittiger		LeConte	open veg
Coleoptera	Elateridae	Ctenicera	bombacina		(Germar)	?
Coleoptera	Elateridae	Ctenicera	columbiana		(Brown)	?
Coleoptera	Elateridae	Ctenicera	comes		Brown	?
Coleoptera	Elateridae	Ctenicera	dolorosa		VanDyke	?
Coleoptera	Elateridae	Ctenicera	falsifica	angularis	LeConte	?
Coleoptera	Elateridae	Ctenicera	nebraskensis		(Bland)	?
Coleoptera	Elateridae	Ctenicera	nigricollis		Bland	?
Coleoptera	Elateridae	Ctenicera	opacula		(LeConte)	?
Coleoptera	Elateridae	Ctenicera	resplendens		(Eschscholtz)	?
Coleoptera	Elateridae	Ctenicera	sp.			?
Coleoptera	Elateridae	Ctenicera	suckleyi		(LeConte)	?
Coleoptera	Elateridae	Ctenicera	sylvatica		(VanDyke)	?
Coleoptera	Elateridae	Ctenicera	umbricola		Eschscholtz	?
Coleoptera	Elateridae	Ctenicera	umbripennis		(LeConte)	?
Coleoptera	Elateridae	Ctenicera	volitans		(Eschscholtz)	?
Coleoptera	Elateridae	Ctenicera	xanthonomus		Horn	?
Coleoptera	Elateridae	Dalopius	sp.			?
Coleoptera	Elateridae	Eanus	striatipennis		Brown	riparian veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Elateridae	Hemicrepidius	morio		LeConte	?
Coleoptera	Elateridae	Hemicrepidius	pallidipennis		Mannerheim	?
Coleoptera	Elateridae	Hypolithus	funnebris		(Candeze)	?
Coleoptera	Elateridae	Hypolithus	squalidus		LeConte	?
Coleoptera	Melandryidae	Anaspis	atrata		Champion	open veg
Coleoptera	Melandryidae	Anaspis	duryi		Liljeblad	open veg
Coleoptera	Melandryidae	Anaspis	olympiae		Hatch	open veg
Coleoptera	Melandryidae	Anaspis	rufa		Say	open veg
Coleoptera	Melandryidae	Anaspis	seposita		Liljeblad	open veg
Coleoptera	Melandryidae	Anaspis	sericea		Mannerheim	open veg
Coleoptera	Melandryidae	Emmesa	testacea	leeperi	Malkin	canopy
Coleoptera	Melandryidae	Hallomenus	scapularis		Melsheimer	canopy
Coleoptera	Melandryidae	Holostrophus	impressicollis		LeConte	canopy
Coleoptera	Melandryidae	Orchesia	ornata		Horn	canopy
Coleoptera	Melandryidae	Phryganophilus	collaris		LeConte	canopy
Coleoptera	Melandryidae	Prothalpia	holmbergii		Mannerheim	canopy
Coleoptera	Melandryidae	Rushia	californica		Fall	canopy
Coleoptera	Melandryidae	Serropalpus	substriatus		Haldeman	canopy
Coleoptera	Melandryidae	Synstrophus	repandus		Horn	canopy
Coleoptera	Melandryidae	Xylita	laevigata		Hellenius	canopy
Coleoptera	Melandryidae	Xylita	livida		Sahlberg	canopy
Coleoptera	Melandryidae	Zilora	hispida		LeConte	
Coleoptera	Meloidae	Epicauta	puncticollis		Mannerheim	open veg
Coleoptera	Meloidae	Lytta	hoppingi		Wellman	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Coleoptera	Meloidae	Lytta	insperatus (insperata)		Horn	open veg
Coleoptera	Meloidae	Lytta	lugubris		Horn	open veg
Coleoptera	Meloidae	Lytta	moesta		Horn	open veg
Coleoptera	Meloidae	Lytta	molesta		Horn	open veg
Coleoptera	Meloidae	Lytta	morrisoni		Horn	open veg
Coleoptera	Meloidae	Lytta	stygica		LeConte	open veg
Coleoptera	Mordellidae	Mordella	atrata		Melsheimer	open veg
Coleoptera	Mordellidae	Mordellistena	aspersa		Melsheimer	open veg
Coleoptera	Mordellidae	Tomoxia	borealis		LeConte	open veg
Coleoptera	Scarabaeidae	Dichelonyx	backii		Kirby	canopy
Coleoptera	Scarabaeidae	Dichelonyx	vicina		Fall	canopy
Coleoptera	Scarabaeidae	Polyphylla	crinita		LeConte	canopy
Coleoptera	Scarabaeidae	Polyphylla	decemlineata		(Say)	canopy
Coleoptera	Scarabaeidae	Serica	anthracina		LeConte	meadow veg
Coleoptera	Scarabaeidae	Serica	curvata		LeConte	canopy
Diptera	Axymyiidae	Axymyia	sp.			riparian veg
Diptera	Bombyliidae	Anthrax	irroratus	irroratus	(Say)	open veg
Diptera	Bombyliidae	Anthrax	melanopogon		(Bigot)	open veg
Diptera	Bombyliidae	Bombylius	albicapillus		(Loew)	open veg
Diptera	Bombyliidae	Bombylius	lancifer		(Osten Sacken)	open veg
Diptera	Bombyliidae	Bombylius	major		(Linnaeus)	open veg
Diptera	Bombyliidae	Conophorus	nigripennis		(Loew)	open veg
Diptera	Bombyliidae	Conophorus	rufulus		(Osten Sacken)	open veg
Diptera	Bombyliidae	Hemipenthes	sp.			open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Diptera	Bombyliidae	Phthiria	sp.			open veg
Diptera	Bombyliidae	Thevenemyia	celer		(Cole)	canopy
Diptera	Bombyliidae	Thevenemyia	magna		(Osten Sacken)	canopy
Diptera	Bombyliidae	Thevenemyia	marginata		(Osten Sacken)	canopy
Diptera	Bombyliidae	Thevenemyia	muricata		(Osten Sacken)	canopy
Diptera	Bombyliidae	Villa	lateralis		(Say)	open veg
Diptera	Cecidomyiidae	Cecidomyia	piniinopis		Osten Sacken	canopy
Diptera	Cecidomyiidae	Contarinia	oregonensis		Foote	canopy
Diptera	Cecidomyiidae	Contarinia	pseudotsugae		Condrashoff	canopy
Diptera	Cecidomyiidae	Contarinia	washingtonensis		Johnson	canopy
Diptera	Cecidomyiidae	Dasineura	abiesemia		Foote	canopy
Diptera	Cecidomyiidae	Dasineura	lupinorum		Gagne	open veg
Diptera	Cecidomyiidae	Rhopalomyia	californica		Felt	open veg
Diptera	Chloropidae	Elachiptera	flaviceps		Sabrosky	?
Diptera	Chloropidae	Fiebrigella	sp.			meadow veg
Diptera	Chloropidae	Hapleginella	conicola		(Greene)	canopy
Diptera	Chloropidae	Thaumatomyia	annulata		(Walker)	meadow veg
Diptera	Conopidae	Physocephala	burgessi		(Williston)	open veg
Diptera	Conopidae	Thecophora	sp.			open veg
Diptera	Conopidae	Zodion	sp.			open veg
Diptera	Opomyzidae	Geomyza	sp.			meadow veg
Diptera	Syrphidae	Blera	nigra		Williston	open veg
Diptera	Syrphidae	Brachyopa	sp.			?
Diptera	Syrphidae	Chrysotoxum	occidentale		Curran	?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Diptera	Syrphidae	Chrysotoxum	sp.			canopy
Diptera	Syrphidae	Dasysyrphus	venustus		Meigen	canopy
Diptera	Syrphidae	Eriozona	laxa		(Osten Sacken)	canopy
Diptera	Syrphidae	Eristalis	temporalis		Thomson	?
Diptera	Syrphidae	Melangyna	sp.			?
Diptera	Syrphidae	Melanostoma	mellinum		(Linnaeus)	?
Diptera	Syrphidae	Meliscaeva	cinctella		Zetterstedt	?
Diptera	Syrphidae	Metasyrphus	fumipennis		(Thomson)	?
Diptera	Syrphidae	Metasyrphus	latifasciatus		(Macquart)	?
Diptera	Syrphidae	Platycheirus	albimanus		(Fabricius)	?
Diptera	Syrphidae	Platycheirus	nearcticus		Vockeroth	?
Diptera	Syrphidae	Platycheirus	obscurus		Say	?
Diptera	Syrphidae	Scaeva	pyrastris		(Linnaeus)	?
Diptera	Syrphidae	Sericomyia	chalcopyga		Loew	?
Diptera	Syrphidae	Sphaerophoria	sulphuripes		(Thomson)	?
Diptera	Syrphidae	Sphegina	californica		Malloch	?
Diptera	Syrphidae	Sphegina	punctata		Cole	?
Diptera	Syrphidae	Syrphus	opinator		Osten Sacken	?
Diptera	Syrphidae	Syrphus	torvus		Osten Sacken	?
Diptera	Syrphidae	Toxomerus	occidentalis		Curran	?
Diptera	Tabanidae	Atolytus	incisuralis		Marquart	riparian veg
Diptera	Tabanidae	Chrysops	asbestos		Philip	riparian veg
Diptera	Tabanidae	Chrysops	excitans		Walker	riparian veg
Diptera	Tabanidae	Chrysops	hirsuticallus		Philip	riparian veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Diptera	Tabanidae	Chrysops	noctifer	pertinax	Williston	riparian veg
Diptera	Tabanidae	Chrysops	proclivis		Osten Sacken	riparian veg
Diptera	Tabanidae	Chrysops	surdus		Osten Sacken	riparian veg
Diptera	Tabanidae	Hybomitra	atrobasis		McDunnough	riparian veg
Diptera	Tabanidae	Hybomitra	californica		(Marten)	riparian veg
Diptera	Tabanidae	Hybomitra	captionis		(Marten)	riparian veg
Diptera	Tabanidae	Hybomitra	fulvilateralis		(Marquart)	riparian veg
Diptera	Tabanidae	Hybomitra	melanorhina		(Bigot)	riparian veg
Diptera	Tabanidae	Hybomitra	procyon		(Osten Sacken)	riparian veg
Diptera	Tabanidae	Hybomitra	rhombica		(Osten Sacken)	riparian veg
Diptera	Tabanidae	Hybomitra	sequax		(Williston)	riparian veg
Diptera	Tabanidae	Hybomitra	sonomensis		(Osten Sacken)	riparian veg
Diptera	Tabanidae	Hybomitra	zygota		(Philip)	riparian veg
Diptera	Tabanidae	Pilmas	californica		(Bigot)	riparian veg
Diptera	Tabanidae	Silvius	gigantulus		(Loew)	riparian veg
Diptera	Tabanidae	Tabanus	aegrotus		Osten Sacken	riparian veg
Diptera	Tabanidae	Tabanus	fratellus		Williston	riparian veg
Diptera	Tabanidae	Tabanus	kesseli		Philip	riparian veg
Diptera	Tabanidae	Tabanus	monoesis		Hine	riparian veg
Diptera	Tabanidae	Tabanus	punctifer		Osten Sacken	riparian veg
Diptera	Tachinidae	Bombyliopsis	sp.			open veg
Diptera	Tachinidae	Ceranthia	sp.			open veg
Diptera	Tachinidae	Cylindromyia	sp.			open veg
Diptera	Tachinidae	Epalpus	sp.			open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Diptera	Tachinidae	Gonia	sp.			open veg
Diptera	Tachinidae	Gymnosoma	sp.			open veg
Diptera	Tachinidae	Hyphantrophaga	virilis		(Aldrich & Webber)	open veg
Diptera	Tachinidae	Nowickia	nitida		Townsend	open veg
Diptera	Tachinidae	Nowickia	rostrata		Tothill	open veg
Diptera	Tachinidae	Nowickia	sp.			open veg
Diptera	Tachinidae	Patelloa	fuscimacula		Aldrich & Webber	open veg
Diptera	Tachinidae	Patelloa	pachpyga		(Aldrich & Webber)	?
Diptera	Tachinidae	Patelloa	pluriseriata		Aldrich & Webber	open veg
Diptera	Tephritidae	Chaetorellia	australis		?	open veg
Diptera	Tephritidae	Chaetorellia	succinea		?	open veg
Diptera	Tephritidae	Chaetostomella	undosa		(Coquillett)	open veg
Diptera	Tephritidae	Neotephritis	finalis		(Loew)	open veg
Diptera	Tephritidae	Orellia	occidentalis		(Snow)	?
Diptera	Tephritidae	Paracantha	cultaris		(Coquillett)	open veg
Diptera	Tephritidae	Paracantha	genalis		Malloch	?
Diptera	Tephritidae	Paracantha	gentilis		Hering	open veg
Diptera	Tephritidae	Rhagoletis	pomonella		Walsh	canopy
Diptera	Tephritidae	Rhagoletis	tabellaria		(Fitch)	canopy
Diptera	Tephritidae	Rhagoletis	zephyria		Snow	
Diptera	Tephritidae	Tephritis	signatipennis		Foote	open veg
Diptera	Tephritidae	Trupanea	actinobola		(Loew)	open veg
Diptera	Tephritidae	Trupanea	bisetosa		(Coquillett)	open veg
Diptera	Tephritidae	Trupanea	californica		Malloch	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Diptera	Tephritidae	Trupanea	jonesi		Curran	open veg
Diptera	Tephritidae	Trupanea	nigricornis		(Coquillett)	open veg
Diptera	Tephritidae	Trupanea	pseudovicina		Hering	open veg
Diptera	Tephritidae	Trupanea	signata		Foote	open veg
Diptera	Tephritidae	Trupanea	wheeleri		Curran	open veg
Diptera	Tephritidae	Trypeta	angustigena		Foote	?
Diptera	Tephritidae	Urophora	affinis		Frauenfeld	open veg
Diptera	Tephritidae	Urophora	quadrifasciata		Meigen	open veg
Diptera	Tephritidae	Urophora	sirunaseva		Hering	open veg
Heteroptera	Berytidae	Acanthophysa	echinata		Uhler	meadow veg
Heteroptera	Berytidae	Jalysus	wickhami		Van Duzee	open veg
Heteroptera	Berytidae	Neides	muticus		(Say)	meadow veg
Heteroptera	Lygaeidae	Blissus	sp.			?
Heteroptera	Lygaeidae	Crophius	bohemani		Stal	?
Heteroptera	Lygaeidae	Eremocoris	cupressicola		Ashlock	
Heteroptera	Lygaeidae	Eremocoris	dimidiatus		Van Duzee	litter
Heteroptera	Lygaeidae	Eremocoris	sp.			litter
Heteroptera	Lygaeidae	Gastrodes	pacificus		(Provancher)	canopy
Heteroptera	Lygaeidae	Geocoris	pallens		Stal	ground
Heteroptera	Lygaeidae	Kleidocerys	franciscanus		(Stal)	?
Heteroptera	Lygaeidae	Kleidocerys	ovalis		Barber	canopy
Heteroptera	Lygaeidae	Kleidocerys	resedae	resedae	(Panzer)	canopy
Heteroptera	Lygaeidae	Kleidocerys	resedae	fuscomaculatus	Barber	canopy
Heteroptera	Lygaeidae	Kleidocerys	sp.			?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Heteroptera	Lygaeidae	Ligyrocoris	diffusus		(Uhler)	ground
Heteroptera	Lygaeidae	Ligyrocoris	latimarginatus		Barber	?
Heteroptera	Lygaeidae	Ligyrocoris	sylvestris		(Linnaeus)	?
Heteroptera	Lygaeidae	Lygaeospilus	brevipilus		Scudder	?
Heteroptera	Lygaeidae	Lygaeus	kalmii		Stal	open veg
Heteroptera	Lygaeidae	Malezonotus	angustatus		(Van Duzee)	?
Heteroptera	Lygaeidae	Malezonotus	grossus		(Van Duzee)	?
Heteroptera	Lygaeidae	Malezonotus	obrieni		Ashlock	?
Heteroptera	Lygaeidae	Malezonotus	sabulicolus		(Thomson)	?
Heteroptera	Lygaeidae	Malezonotus	sodalicius		(Uhler)	?
Heteroptera	Lygaeidae	Neacoryphus	bicrucis		(Say)	?
Heteroptera	Lygaeidae	Nysius	niger		Baker	?
Heteroptera	Lygaeidae	Nysius	raphanus		Howard	?
Heteroptera	Lygaeidae	Nysius	tenellus		Barber	?
Heteroptera	Lygaeidae	Ortholomus	sp.			?
Heteroptera	Lygaeidae	Ozophora	picturata		Uhler	litter
Heteroptera	Lygaeidae	Plinthisus	brevipennis		Latreille	
Heteroptera	Lygaeidae	Plinthisus	longisetosus		Barber	litter
Heteroptera	Lygaeidae	Scolopstethus	pacificus		Barber	?
Heteroptera	Lygaeidae	Scolopstethus	thomsonii		Reuter	?
Heteroptera	Lygaeidae	Sphragisticus	nebulosus		(Fallen)	ground
Heteroptera	Lygaeidae	Stygnocoris	sabulosus		(Schilling)	?
Heteroptera	Lygaeidae	Thylochromus	nitidulus		Barber	open veg
Heteroptera	Lygaeidae	Trapezonotus	sp.			?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Heteroptera	Lygaeidae	Xyonysius	californicus		(Stal)	?
Heteroptera	Miridae	Adelphocoris	superbus		(Uhler)	?
Heteroptera	Miridae	Allorhinocoris	speciosus		Bliven	canopy
Heteroptera	Miridae	Atractotomus	cooperi		Stonedahl	canopy
Heteroptera	Miridae	Atractotomus	kolenati		(Flor)	canopy
Heteroptera	Miridae	Atractotomus	reuteri		Knight	open veg
Heteroptera	Miridae	Blepharidopterus	angulatus		(Fallen)	?
Heteroptera	Miridae	Chlamydatus	sp.			open veg
Heteroptera	Miridae	Dichaetocoris	sp.			canopy
Heteroptera	Miridae	Dichrooscytus	sp.	abiesi	Bliven	canopy
Heteroptera	Miridae	Dichrooscytus	sp.	rainieri	Knight	canopy
Heteroptera	Miridae	Dicyphus	discrepans		Knight	?
Heteroptera	Miridae	Dicyphus	hesperus		Knight	?
Heteroptera	Miridae	Irbisia	inurbana		Bliven	meadow veg
Heteroptera	Miridae	Irbisia	serrata		Bliven	meadow veg
Heteroptera	Miridae	Labopidea	nigrisetosa		Knight	?
Heteroptera	Miridae	Litomiris	debilis		(Uhler)	meadow veg
Heteroptera	Miridae	Lopidea	drakei		Knight	?
Heteroptera	Miridae	Lopidea	nigridia		Uhler	?
Heteroptera	Miridae	Lopidea	sp.	johnstoni	Knight	?
Heteroptera	Miridae	Lygocoris	communis		(Knight)	open veg
Heteroptera	Miridae	Lygocoris	pabulinus		(Linnaeus)	open veg
Heteroptera	Miridae	Lygus	hesperus		Knight	
Heteroptera	Miridae	Lygus	nubilatus		Knight	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Heteroptera	Miridae	Lygus	sp.			meadow veg
Heteroptera	Miridae	Macrotylus	essigi		Van Duzee	?
Heteroptera	Miridae	Macrotylus	multipunctatus		Van Duzee	?
Heteroptera	Miridae	Megaloceroea	recticornis		(Geoffreys)	meadow veg
Heteroptera	Miridae	Neoborella	xanthenes		Herring	canopy
Heteroptera	Miridae	Neurocolpus	longirostris		Knight	?
Heteroptera	Miridae	Orectoderus	obliquus		Uhler	meadow veg
Heteroptera	Miridae	Orthops	scutellatus		(Uhler)	open veg
Heteroptera	Miridae	Orthotylus	concolor		(Kirschbaum)	?
Heteroptera	Miridae	Orthotylus	sp.			?
Heteroptera	Miridae	Parthenicus	sp.			?
Heteroptera	Miridae	Pinalitus	solivagus		(Van Duzee)	canopy
Heteroptera	Miridae	Pinalitus	sp.			canopy
Heteroptera	Miridae	Pithanus	maerkelii		(Herrich-Schaeffer)	meadow veg
Heteroptera	Miridae	Plagiognathus	chrysanthemi		(Wolff)	?
Heteroptera	Miridae	Plagiognathus	sp.			?
Heteroptera	Miridae	Platylygus	pseudotsugae		Kelton	canopy
Heteroptera	Miridae	Platylygus	rolfsi		Kelton	canopy
Heteroptera	Miridae	Polymerus	basivittis		(Reuter)	?
Heteroptera	Miridae	Polymerus	castilleja		Schwartz	?
Heteroptera	Miridae	Prepops	sp.			?
Heteroptera	Miridae	Psallus	sp.	kolenatii	(Flor)	canopy
Heteroptera	Miridae	Salignus	distinguendus		(Reuter)	?
Heteroptera	Miridae	Sixeonotus	sp.			?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Heteroptera	Miridae	Stenodema	trispinosa		Reuter	meadow veg
Heteroptera	Miridae	Stenodema	vicina		(Provancher)	meadow veg
Heteroptera	Miridae	Stenotus	binotatus		(Fabricius)	meadow veg
Heteroptera	Miridae	Teleorhinus	sp.			?
Heteroptera	Miridae	Tupiocoris	confusa		(Kelton)	?
Heteroptera	Miridae	Tupiocoris	similis		(Kelton)	?
Heteroptera	Miridae	Usingerella	bakeri		(Knight)	?
Heteroptera	Rhopalidae	Arhyssus	barberi		Harris	?
Heteroptera	Rhopalidae	Harmostes	reflexus		(Say)	?
Heteroptera	Rhopalidae	Liorhyssus	sp.			?
Heteroptera	Rhopalidae	Stictopleurus	punctiventris		(Dallas)	?
Heteroptera	Scutelleridae	Acantholomidea	porosa		(Germar)	?
Heteroptera	Scutelleridae	Eurygaster	alternatus		(Say)	meadow veg
Heteroptera	Scutelleridae	Eurygaster	sp.			?
Heteroptera	Scutelleridae	Homaemus	aenifrons		Say	meadow veg
Heteroptera	Scutelleridae	Homaemus	parvulus		(Germar)	meadow veg
Heteroptera	Scutelleridae	Vanduzeeina	borealis	californica	Van Duzee	?
Heteroptera	Thyreocoridae	Corimelaena	sp.			?
Heteroptera	Thyreocoridae	Galgupha	nitiduloides		(Wolff)	?
Heteroptera	Tingidae	Acalypta	barberi		Drake	litter
Heteroptera	Tingidae	Acalypta	lillianus		Torre-Bueno	litter
Heteroptera	Tingidae	Acalypta	saundersii		(Downes)	litter
Heteroptera	Tingidae	Corythuca	mollicula		Osborn & Drake	riparian veg
Heteroptera	Tingidae	Corythuca	padi		Drake	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Heteroptera	Tingidae	Corythuca	scitula		Drake	canopy
Heteroptera	Tingidae	Derephysia	foliacea		(Fallen)	?
Heteroptera	Tingidae	Melanorhopala	clavata		Stal	canopy
Heteroptera	Tingidae	Physatocheila	variegata		Parshley	?
Heteroptera	Tingidae	Teleonemia	sp.			open veg
Homoptera	Adelgidae	Adelges	cooleyi		(Gillette)	canopy
Homoptera	Aphididae	Acyrtosiphon	pisum		(Harris)	open veg
Homoptera	Aphididae	Amphorophora	stachyophila		Hille Ris Lambers	open veg
Homoptera	Aphididae	Aphis	ceanothi		Clark	open veg
Homoptera	Aphididae	Aphis	helianthi		Monell	
Homoptera	Aphididae	Aphis	holodisci		Robinson	
Homoptera	Aphididae	Aphis	nerii		(Boyer de Fonscolombe)	
Homoptera	Aphididae	Aphis	oenotherae		Oestlund	
Homoptera	Aphididae	Aphis	schuhi		Robinson	
Homoptera	Aphididae	Aphis	sp.			?
Homoptera	Aphididae	Aphis	varians		Patch	
Homoptera	Aphididae	Boernerina	variabilis		Richards	canopy
Homoptera	Aphididae	Capitophorus	eleagni		(del Guercio)	open veg
Homoptera	Aphididae	Cavariella	sp.			?
Homoptera	Aphididae	Cinara	curvipes		Patch	
Homoptera	Aphididae	Cinara	pseudotaxifoliae		Palmer	canopy
Homoptera	Aphididae	Cryptomyzus	ribis		(Linnaeus)	open veg
Homoptera	Aphididae	Disaphis	sp.			?
Homoptera	Aphididae	Essigella	wilsoni		Hottes	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Homoptera	Aphididae	Euceraphis	gillettei		(Davidson)	canopy
Homoptera	Aphididae	Eulachnina	sp.			
Homoptera	Aphididae	Forda	formicaria		Von Heyden	?
Homoptera	Aphididae	Forda	marginata		(Koch)	?
Homoptera	Aphididae	Illinoia	maxima		(Mason)	
Homoptera	Aphididae	Macrosiphum	creeli		Davis	
Homoptera	Aphididae	Macrosiphum	euphorbiae		Thomas	
Homoptera	Aphididae	Macrosiphum	rosae		Linnaeus	
Homoptera	Aphididae	Macrosiphum	spp.			
Homoptera	Aphididae	Metapolophium	dirrhoun		(Walker)	?
Homoptera	Aphididae	Mindarus	abietinus		Koch	
Homoptera	Aphididae	Mindarus	kinseyi		Voegtlin	
Homoptera	Aphididae	Mindarus	obliqueness		Cholodkovsky	canopy
Homoptera	Aphididae	Mindarus	sp.			?
Homoptera	Aphididae	Mindarus	victoria		Essig	
Homoptera	Aphididae	Nearctaphis	bakeri		(Cowen)	?
Homoptera	Aphididae	Nearctaphis	kachena		Hottes	
Homoptera	Aphididae	Periphyllis	californiensis		(Shinji)	canopy
Homoptera	Aphididae	Periphyllis	testudinacea		(Ferne)	canopy
Homoptera	Aphididae	Prociphilus	americanus		Walker	
Homoptera	Aphididae	Prociphilus	sp.			
Homoptera	Aphididae	Pterocallis	alni		(DeGeer)	canopy
Homoptera	Aphididae	Rhopalosiphum	padi		(Linnaeus)	open veg
Homoptera	Aphididae	Robinsonaphis	adianti		(Oestlund)	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Homoptera	Aphididae	Robinsonaphis	clydesmithi		(Robinson)	understory
Homoptera	Aphididae	Robinsonaphis	insularis		(Pergande)	riparian veg
Homoptera	Aphididae	Robinsonaphis	montiae		NEW SPECIES	riparian veg
Homoptera	Aphididae	Robinsonaphis	occidentalis		(Essig)	understory
Homoptera	Aphididae	Robinsonaphis	oregonensis		NEW SPECIES	riparian veg
Homoptera	Aphididae	Robinsonaphis	osmaroniae		(Wilson)	open veg
Homoptera	Aphididae	Robinsonaphis	parvifolii		(Richards)	understory
Homoptera	Aphididae	Robinsonaphis	pteridis		(Wilson)	understory
Homoptera	Aphididae	Robinsonaphis	rhamni		(Clarke)	understory
Homoptera	Aphididae	Robinsonaphis	tolmiea		(Essig)	riparian veg
Homoptera	Aphididae	Robinsonaphis	tuberculaceps		(Essig)	understory
Homoptera	Aphididae	Robinsonaphis	vancouveriae		NEW SPECIES	understory
Homoptera	Aphididae	Robinsonaphis	violae		NEW SPECIES	understory
Homoptera	Aphididae	Robinsonaphis	walkeri		(Robinson)	understory
Homoptera	Aphididae	Robinsonaphis	willamettensis		NEW SPECIES	understory
Homoptera	Aphididae	Robinsonaphis	wilsoni		NEW SPECIES	understory
Homoptera	Aphididae	Robinsonaphis	woodsiae		(Robinson)	understory
Homoptera	Aphididae	Schizolachnina	sp.			
Homoptera	Aphididae	Sitobion	avenae		(Fabricius)	open veg
Homoptera	Aphididae	Sitobion	alopecuri		(Takahashi)	open veg
Homoptera	Aphididae	Sitobion	fragariae		(Walker)	open veg
Homoptera	Aphididae	Uroleucon	sp.			?
Homoptera	Cercopidae	Aphrophora	maculosa		Doering	canopy
Homoptera	Cercopidae	Aphrophora	permutata		Uhler	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Homoptera	Cercopidae	Clastoptera	ovata		Doering	canopy
Homoptera	Cercopidae	Philaenus	spumarius		(Linnaeus)	meadow veg
Homoptera	Cicadellidae	Aceratagallia	californica		(Baker)	meadow veg
Homoptera	Cicadellidae	Aceratagallia	sp.			meadow veg
Homoptera	Cicadellidae	Agallia	quadripunctata		(Provancher)	meadow veg
Homoptera	Cicadellidae	Agalliopsis	abietaria		Oman	open veg
Homoptera	Cicadellidae	Alconeura	sp.			open veg
Homoptera	Cicadellidae	Aligia	sp.			open veg
Homoptera	Cicadellidae	Amblysellus	grex		(Oman)	meadow veg
Homoptera	Cicadellidae	Aphrodes	bicintus		(Schrank)	litter
Homoptera	Cicadellidae	Aphrodes	sp.			litter
Homoptera	Cicadellidae	Balclutha	confluens		(Rey)	meadow veg
Homoptera	Cicadellidae	Balclutha	punctata		(Fabricius)	meadow veg
Homoptera	Cicadellidae	Balclutha	sp.			meadow veg
Homoptera	Cicadellidae	Ballana	sp.			open veg
Homoptera	Cicadellidae	Caladonus	coquilletti		(Van Duzee)	riparian veg
Homoptera	Cicadellidae	Colladonus	geminatus		(Van Duzee)	meadow veg
Homoptera	Cicadellidae	Colladonus	montanus		(Van Duzee)	meadow veg
Homoptera	Cicadellidae	Colladonus	sp.			meadow veg
Homoptera	Cicadellidae	Cuerna	hasbroucki		Nielson	meadow veg
Homoptera	Cicadellidae	Cuerna	sp.			meadow veg
Homoptera	Cicadellidae	Deltocephalus	fuscinervosus		(Van Duzee)	meadow veg
Homoptera	Cicadellidae	Dikraneura	carneola		(Stal)	meadow veg
Homoptera	Cicadellidae	Dikrella	sp.			open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Homoptera	Cicadellidae	Draeculacephala	crassicornis		(Van Duzee)	meadow veg
Homoptera	Cicadellidae	Empoasca	elongella		Metcalf	canopy
Homoptera	Cicadellidae	Empoasca	filamenta		DeLong	open veg
Homoptera	Cicadellidae	Erythroneura	corni		Robinson	canopy
Homoptera	Cicadellidae	Euscelidius	variegatus		(Kirschbaum)	meadow veg
Homoptera	Cicadellidae	Exitianus	exitiosus		(Uhler)	meadow veg
Homoptera	Cicadellidae	Hecalus	sp.			meadow veg
Homoptera	Cicadellidae	Hordnia	circellata		(Baker)	riparian veg
Homoptera	Cicadellidae	Idiocerus	alternatus		(Fitch)	riparian veg
Homoptera	Cicadellidae	Idiocerus	provancheri		(Van Duzee)	open veg
Homoptera	Cicadellidae	Idiocerus	sp.			riparian veg
Homoptera	Cicadellidae	Japananus	hyalinus		(Osborn)	canopy
Homoptera	Cicadellidae	Laeviccephalus	sp.			meadow veg
Homoptera	Cicadellidae	Latalus	sp.			meadow veg
Homoptera	Cicadellidae	Macropsis	fuscula		(Zetterstedt)	open veg
Homoptera	Cicadellidae	Macropsis	sp.			riparian veg
Homoptera	Cicadellidae	Macrosteles	fascifrons		(Stal)	meadow veg
Homoptera	Cicadellidae	Mesamia	sp.			meadow veg
Homoptera	Cicadellidae	Oncopsis	sp.			riparian veg
Homoptera	Cicadellidae	Osbornellus	borealis		DeLong & Mohr	?
Homoptera	Cicadellidae	Psammotettix	sp.			meadow veg
Homoptera	Cicadellidae	Scaphotopius	acutus	cirrus	Musgrave	open veg
Homoptera	Cicadellidae	Scaphotopius	sp.			open veg
Homoptera	Cicadellidae	Scleroracis	sp.			open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Homoptera	Cicadellidae	Stenocoelidia	lineata		(Baker)	open veg
Homoptera	Cicadellidae	Texananus	sp.			open veg
Homoptera	Cicadellidae	Typhlocyba	sp.			litter
Homoptera	Cicadellidae	Xerophloea	peltata		(Uhler)	litter
Homoptera	Coccidae	Parthenolecanium	corni		(Bouche)	understory
Homoptera	Coccidae	Pulvinaria	floccifera		(Westwood)	understory
Homoptera	Delphacidae	Liburniella	ornata		(Stal)	meadow veg
Homoptera	Derbidae	Cedusa	sp.			riparian veg
Homoptera	Diaspididae	Aonidiella	taxus		Lenonardi	understory
Homoptera	Diaspididae	Aspidiotus	nerii		Bouche	understory
Homoptera	Diaspididae	Aspidiotus	spinosus		Comstock	understory
Homoptera	Diaspididae	Chinoaspis	pinifoliae		(Fitch)	understory
Homoptera	Diaspididae	Chrysomphalus	dictyospermi		(Morgan)	understory
Homoptera	Diaspididae	Chrysomphalus	ficus		Ashmead	understory
Homoptera	Diaspididae	Dynaspidiotus	britannicus		(Newstead)	understory
Homoptera	Diaspididae	Fiorinia	externa		Ferris	understory
Homoptera	Diaspididae	Fiorinia	fioriniae		(Targioni-Tozzetti)	understory
Homoptera	Diaspididae	Hemiberlesia	rapax		(Comstock)	understory
Homoptera	Diaspididae	Lepidosaphes	beckii		(Newman)	understory
Homoptera	Diaspididae	Lepidosaphes	maskelli		(Cockerell)	understory
Homoptera	Diaspididae	Pseudacaspis	cockerelli		(Cooley)	understory
Homoptera	Diaspididae	Quadaspidiotus	perniciosus		(Comstock)	understory
Homoptera	Diaspididae	Tsugaspidotus	tsugae		(Marlatt)	understory
Homoptera	Dictyopharidae	Scolops	sp.			open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Homoptera	Membracidae	Stictocephala	sp.			meadow veg
Homoptera	Membracidae	Telamona	sp.			canopy
Homoptera	Membracidae	Tortistilus	sp.			meadow veg
Homoptera	Pseudococcidae	Pseudococcus	affinis		(Essig)	understory
Homoptera	Pseudococcidae	Pseudococcus	fragilis		Brain	understory
Homoptera	Pseudococcidae	Pseudococcus	longispinus		(Targioni-Tozzetti)	understory
Homoptera	Pseudococcidae	Pseudococcus	maritimus		(Ehrhorn)	understory
Homoptera	Psyllidae	Aphalara	sp.			meadow veg
Homoptera	Psyllidae	Arytaina	robusta		Crawford	open veg
Homoptera	Psyllidae	Craspedolepta	sp.			meadow veg
Homoptera	Psyllidae	Euphalerus	sp.			open veg
Homoptera	Psyllidae	Psylla	minor		Crawford	?
Homoptera	Psyllidae	Trioza	frontalis		Crawford	open veg
Homoptera	Psyllidae	Trioza	minuta		Crawford	open veg
Homoptera	Psyllidae	Trioza	sp.			open veg
Hymenoptera	Andrenidae	Andrena	ablegata		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	accepta		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	aculeata		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	amphibola		(Viereck)	open veg
Hymenoptera	Andrenidae	Andrena	andrenoides		Cresson	open veg
Hymenoptera	Andrenidae	Andrena	angustella		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	anisochlora		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	arctostaphylae		Ribble	open veg
Hymenoptera	Andrenidae	Andrena	astragali		Viereck & Cockerell	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Andrenidae	Andrena	atypica		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	auricoma		Smith	open veg
Hymenoptera	Andrenidae	Andrena	baeriae		Timberlake	open veg
Hymenoptera	Andrenidae	Andrena	barbilabris		Kirby	open veg
Hymenoptera	Andrenidae	Andrena	bendensis		Donovan	open veg
Hymenoptera	Andrenidae	Andrena	berberidis		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	birtwelli		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	blennospermatis		Thorp	open veg
Hymenoptera	Andrenidae	Andrena	bocensis		Donovan	open veg
Hymenoptera	Andrenidae	Andrena	buccata		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	bucculenta		LaBerge & Ribble	open veg
Hymenoptera	Andrenidae	Andrena	buckelli		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	caerulea		Smith	open veg
Hymenoptera	Andrenidae	Andrena	californiensis		Ribble	open veg
Hymenoptera	Andrenidae	Andrena	candida (chlorinella, subcandida)		Smith	open veg
Hymenoptera	Andrenidae	Andrena	candidiformis		Viereck & Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	carlini		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	ceanothifloris	cretata	Linsley	open veg
Hymenoptera	Andrenidae	Andrena	cerasifolii		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	cercocarpi		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	chalybioides		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	chapmanae		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	cheyennorum		Viereck & Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	chlorogaster		Viereck	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Andrenidae	Andrena	chlorura		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	chylismiae		Linsley & MacSwain	open veg
Hymenoptera	Andrenidae	Andrena	citrinihirta		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	cleodora	cleodora	(Viereck)	open veg
Hymenoptera	Andrenidae	Andrena	colletina		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	columbiana		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	commoda		Smith	open veg
Hymenoptera	Andrenidae	Andrena	concinnulla		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	congrua		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	costillensis		Viereck & Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	crataegi		Robertson	open veg
Hymenoptera	Andrenidae	Andrena	cressonii	cressonii	Robertson	open veg
Hymenoptera	Andrenidae	Andrena	cressonii	infasciata	Robertson	open veg
Hymenoptera	Andrenidae	Andrena	cristata		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	cryptanthae		Timberlake	open veg
Hymenoptera	Andrenidae	Andrena	cuneilabris		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	cupreotincta		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	cyanophila		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	edwardsi		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	erythrogaster		Ashmead	open veg
Hymenoptera	Andrenidae	Andrena	evoluta		Linsley & MacSwain	open veg
Hymenoptera	Andrenidae	Andrena	flocculosa		LaBerge & Ribble	open veg
Hymenoptera	Andrenidae	Andrena	forbesii		Robertson	open veg
Hymenoptera	Andrenidae	Andrena	frigida		Smith	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Andrenidae	Andrena	fuscicauda		(Viereck)	open veg
Hymenoptera	Andrenidae	Andrena	gibberis		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	gordoni		Ribble	open veg
Hymenoptera	Andrenidae	Andrena	hallii		Dunning	open veg
Hymenoptera	Andrenidae	Andrena	hamulata		LaBerge & Ribble	open veg
Hymenoptera	Andrenidae	Andrena	helianthi		Robertson	open veg
Hymenoptera	Andrenidae	Andrena	hemileuca		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	hippotes		Robertson	open veg
Hymenoptera	Andrenidae	Andrena	hirticincta		Provancher	open veg
Hymenoptera	Andrenidae	Andrena	hypoleuca		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	illinoiensis		Robertson	open veg
Hymenoptera	Andrenidae	Andrena	ishii		Ribble	open veg
Hymenoptera	Andrenidae	Andrena	knuthiana		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	laminibucca		Viereck & Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	latifrons		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	lawrencei		Viereck & Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	layiae		Timberlake	open veg
Hymenoptera	Andrenidae	Andrena	levipes		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	lewisorum		Thorp	open veg
Hymenoptera	Andrenidae	Andrena	limnanthis		Timberlake	open veg
Hymenoptera	Andrenidae	Andrena	livida		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	lomatii		Ribble	open veg
Hymenoptera	Andrenidae	Andrena	lupinorum		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	luteihirta		Donovan	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Andrenidae	Andrena	mackieae		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	macoupinensis		Robertson	open veg
Hymenoptera	Andrenidae	Andrena	macrocephala		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	mariae		Robertson	open veg
Hymenoptera	Andrenidae	Andrena	medionitens		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	melanochroa		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	merriami		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	mesoleuca		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	microchlora		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	miranda		Smith	open veg
Hymenoptera	Andrenidae	Andrena	miserabilis		Cresson	open veg
Hymenoptera	Andrenidae	Andrena	monoensis		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	monogonoparia		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	nemophilae		Ribble	open veg
Hymenoptera	Andrenidae	Andrena	nevadensis		Cresson	open veg
Hymenoptera	Andrenidae	Andrena	nigrae		Robertson	open veg
Hymenoptera	Andrenidae	Andrena	nigrihirta		(Ashmead)	open veg
Hymenoptera	Andrenidae	Andrena	nigrocaerulea		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	nigroclypeata		Linsley	open veg
Hymenoptera	Andrenidae	Andrena	nivalis		Smith	open veg
Hymenoptera	Andrenidae	Andrena	nothocalaidis		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	nubecula		Smith	open veg
Hymenoptera	Andrenidae	Andrena	obscuripostica		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	omninigra	clarkiae	Viereck	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Andrenidae	Andrena	omninigra	omninigra	Viereck	open veg
Hymenoptera	Andrenidae	Andrena	oraria	oraria	Linsley & MacSwain	open veg
Hymenoptera	Andrenidae	Andrena	orthocarp		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	osmioides		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	pallidifovea		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	pallidiscopa		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	penemisella		LaBerge & Ribble	open veg
Hymenoptera	Andrenidae	Andrena	pensilis		Timberlake	open veg
Hymenoptera	Andrenidae	Andrena	perarmata		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	perplexa		Smith	open veg
Hymenoptera	Andrenidae	Andrena	pertristis		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	piperi		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	plana		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	plumiscopa		Timberlake	open veg
Hymenoptera	Andrenidae	Andrena	porterae		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	principalis		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	prolixa		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	prunorum		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	puthua		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	quintiliformis		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	raveni		Linsley & MacSwain	open veg
Hymenoptera	Andrenidae	Andrena	regularis		Malloch	open veg
Hymenoptera	Andrenidae	Andrena	ribblei		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	robertsonii		Dalla Torre	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Andrenidae	Andrena	rozeni		Linsley & MacSwain	open veg
Hymenoptera	Andrenidae	Andrena	rufosignata		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	saccata		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	salicifloris		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	salictaria		Robertson	open veg
Hymenoptera	Andrenidae	Andrena	santaclarae		Ribble	open veg
Hymenoptera	Andrenidae	Andrena	schuhi		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	scurra		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	scutellinitens		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	semipunctata		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	sigmundi		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	sladeni		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	sola		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	sp.			open veg
Hymenoptera	Andrenidae	Andrena	striatifrons		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	suavis		Timberlake	open veg
Hymenoptera	Andrenidae	Andrena	subaustralis		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	subchalybea		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	submaura		Linsley	open veg
Hymenoptera	Andrenidae	Andrena	submoesta		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	subtilis		Smith	open veg
Hymenoptera	Andrenidae	Andrena	subtrita		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	sulcata		Donovan	open veg
Hymenoptera	Andrenidae	Andrena	surda		Cockerell	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Andrenidae	Andrena	thaspia		Graenicher	open veg
Hymenoptera	Andrenidae	Andrena	topazana		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	torulosa		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	transnigra		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	trevoris		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	trizonata (subdistans)		(Ashmead)	open veg
Hymenoptera	Andrenidae	Andrena	vicina		Smith	open veg
Hymenoptera	Andrenidae	Andrena	vicinoides		Viereck	open veg
Hymenoptera	Andrenidae	Andrena	vierecki (fulvhirta)		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	vulpicolor		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	walleyi		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	washingtoni		Cockerell	open veg
Hymenoptera	Andrenidae	Andrena	wheeleri		Graenicher	open veg
Hymenoptera	Andrenidae	Andrena	winnemuccana		LaBerge	open veg
Hymenoptera	Andrenidae	Andrena	w-scripta		Viereck	open veg
Hymenoptera	Andrenidae	Calliopsis	coloradensis		Cresson	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	anthidius	lutea	Fowler	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	anthidius	anthidius	Fowler	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	barri		Rozen	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	boharti		Rozen	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	cinctus	cinctus	Cresson	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	edwardsii		(Cresson)	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	fracta		Rozen	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	linsleyi		Rozen	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	micheneri		Rozen	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	obscurellus		Cresson	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	personatus		Cockerell	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	puellae		Cockerell	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	scitulus	scitula	Cresson	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	scutellaris	scutellaris	Fowler	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	solitaria		Rozen	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	trifolii		Timberlake	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	xenus		Rozen	open veg
Hymenoptera	Andrenidae	Calliopsis (Nomadopsis)	zonalis	sierrae	Cresson	open veg
Hymenoptera	Andrenidae	Panurginus	atriceps		Cresson	open veg
Hymenoptera	Andrenidae	Panurginus	ineptus		Cockerell	open veg
Hymenoptera	Andrenidae	Panurginus	sp.			open veg
Hymenoptera	Andrenidae	Perdita	accepta		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	adjuncta		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	aemula	aemula	Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	albipennis	canadensis	Cresson	open veg
Hymenoptera	Andrenidae	Perdita	ambigua		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	barri		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	beatula		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	blaisdelli		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	ciliata (crassihirta)		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	claypolei	limualta	Cockerell	open veg
Hymenoptera	Andrenidae	Perdita	digna		Timberlake	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Andrenidae	Perdita	distincta		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	dubia	parilis	Cockerell	open veg
Hymenoptera	Andrenidae	Perdita	exigua		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	idahoensis		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	imberbis		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	lepidosparti	lepidosparti	Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	melanostoma	melanostoma	Swenk & Cockerell	open veg
Hymenoptera	Andrenidae	Perdita	navaretiae	powelli	Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	nevadensis	nevadensis	Cockerell	open veg
Hymenoptera	Andrenidae	Perdita	nuda		Cockerell	open veg
Hymenoptera	Andrenidae	Perdita	oregonensis	expleta	Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	oregonensis	oregonensis	Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	rectangulata		Cockerell	open veg
Hymenoptera	Andrenidae	Perdita	rivalis		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	salicis	euxantha	Cockerell	open veg
Hymenoptera	Andrenidae	Perdita	salicis	imperialis	Cockerell	open veg
Hymenoptera	Andrenidae	Perdita	salicis	sublaeta	Cockerell	open veg
Hymenoptera	Andrenidae	Perdita	similis	pascoensis	Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	similis	similis	Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	stottleri		Cockerell	open veg
Hymenoptera	Andrenidae	Perdita	subfasciata		Cockerell	open veg
Hymenoptera	Andrenidae	Perdita	swezeyi		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	tacita		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	tessellata		Timberlake	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Andrenidae	Perdita	transversa		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	wyomingensis	sculleni	Cockerell	open veg
Hymenoptera	Andrenidae	Perdita	xanthochroa		Timberlake	open veg
Hymenoptera	Andrenidae	Perdita	zebrata	flavens	Cresson	open veg
Hymenoptera	Andrenidae	Perdita	zebrata	zebrata	Cresson	open veg
Hymenoptera	Andrenidae	Perdita	zonalis	aequalis	Cresson	open veg
Hymenoptera	Andrenidae	Perdita	zonalis	monticola	Cresson	open veg
Hymenoptera	Andrenidae	Protandrena (Pterosarus)	didirupa		?	open veg
Hymenoptera	Anthophoridae	Anthophora	abrupta	occidentalis	Say	open veg
Hymenoptera	Anthophoridae	Anthophora	bomboides	bomboides	Kirby	open veg
Hymenoptera	Anthophoridae	Anthophora	bomboides	sodalis	Kirby	open veg
Hymenoptera	Anthophoridae	Anthophora	bomboides	solitaria	Kirby	open veg
Hymenoptera	Anthophoridae	Anthophora	bomboides	stanfordiana	Cockerell	open veg
Hymenoptera	Anthophoridae	Anthophora	californica	californica	Cresson	open veg
Hymenoptera	Anthophoridae	Anthophora	centrifformis		Cresson	open veg
Hymenoptera	Anthophoridae	Anthophora	crotchii		Cresson	open veg
Hymenoptera	Anthophoridae	Anthophora	edwardsii		Cresson	open veg
Hymenoptera	Anthophoridae	Anthophora	exigua		Cresson	open veg
Hymenoptera	Anthophoridae	Anthophora	furcata	neofurcata	Panzer	open veg
Hymenoptera	Anthophoridae	Anthophora	furcata	terminalis	Panzer	open veg
Hymenoptera	Anthophoridae	Anthophora	furcata	syringae	(Cockerell)	open veg
Hymenoptera	Anthophoridae	Anthophora	furcata	pernigra	Cresson	open veg
Hymenoptera	Anthophoridae	Anthophora	maculifrons		Cresson	open veg
Hymenoptera	Anthophoridae	Anthophora	occidentalis		Cresson	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Anthophoridae	Anthophora	pacifica	pacifica	Cresson	open veg
Hymenoptera	Anthophoridae	Anthophora	porterae (chlorops)	chlorops	Cockerell	open veg
Hymenoptera	Anthophoridae	Anthophora	sp.			open veg
Hymenoptera	Anthophoridae	Anthophora	urbana	urbana	Cresson	open veg
Hymenoptera	Anthophoridae	Anthophora	ursina	simillima	Cresson	open veg
Hymenoptera	Anthophoridae	Ceratina	acantha		Provancher	open veg
Hymenoptera	Anthophoridae	Ceratina	dallatorreana		Friese	open veg
Hymenoptera	Anthophoridae	Ceratina	micheneri		Daly	open veg
Hymenoptera	Anthophoridae	Ceratina	nanula		Cockerell	open veg
Hymenoptera	Anthophoridae	Ceratina	neomexicana		Cockerell	open veg
Hymenoptera	Anthophoridae	Ceratina	pacifica		Smith	open veg
Hymenoptera	Anthophoridae	Ceratina	sequoiae		Michener	open veg
Hymenoptera	Anthophoridae	Ceratina	sp.			open veg
Hymenoptera	Anthophoridae	Ceratina	tejonensis		Cresson	open veg
Hymenoptera	Anthophoridae	Ceratina	timberlakei		Daly	open veg
Hymenoptera	Anthophoridae	Diadasia	angusticeps		Timberlake	open veg
Hymenoptera	Anthophoridae	Diadasia	bituberculata		Cresson	open veg
Hymenoptera	Anthophoridae	Diadasia	diminuta		Cresson	open veg
Hymenoptera	Anthophoridae	Diadasia	nigrifrons		(Cresson)	open veg
Hymenoptera	Anthophoridae	Diadasia	nitidifrons		Cockerell	open veg
Hymenoptera	Anthophoridae	Diadasia	olivacea		?	open veg
Hymenoptera	Anthophoridae	Epeolus	americanus		(Cresson)	open veg
Hymenoptera	Anthophoridae	Epeolus	minimus		(Robertson)	open veg
Hymenoptera	Anthophoridae	Exomalopsis	albicans		Provancher	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Anthophoridae	Habropoda (Emphoropsis)	cineraria		Smith	open veg
Hymenoptera	Anthophoridae	Habropoda (Emphoropsis)	interspersa		Cockerell	open veg
Hymenoptera	Anthophoridae	Habropoda (Emphoropsis)	miserabilis		Cresson	open veg
Hymenoptera	Anthophoridae	Habropoda (Emphoropsis)	murihirta		Cockerell	open veg
Hymenoptera	Anthophoridae	Habropoda (Emphoropsis)	pascoensis		Cockerell	open veg
Hymenoptera	Anthophoridae	Holcopasites	arizonicus		Linsley	open veg
Hymenoptera	Anthophoridae	Melecta	pacifica	fulvida	Cresson	open veg
Hymenoptera	Anthophoridae	Melecta	pacifica	pacifica	Cresson	open veg
Hymenoptera	Anthophoridae	Melecta	separata	separata	Cresson	open veg
Hymenoptera	Anthophoridae	Melecta	separata	callura	(Cockerell)	open veg
Hymenoptera	Anthophoridae	Melecta	thoracica		Cresson	open veg
Hymenoptera	Anthophoridae	Melissodes	agilis		Cresson	open veg
Hymenoptera	Anthophoridae	Melissodes	bicolorata		LaBerge	open veg
Hymenoptera	Anthophoridae	Melissodes	bimatrix		LaBerge	open veg
Hymenoptera	Anthophoridae	Melissodes	brevipyga		LaBerge	open veg
Hymenoptera	Anthophoridae	Melissodes	clarkiae		LaBerge	open veg
Hymenoptera	Anthophoridae	Melissodes	coloradensis		Cresson	open veg
Hymenoptera	Anthophoridae	Melissodes	communis	alopex	(Cockerell)	open veg
Hymenoptera	Anthophoridae	Melissodes	confusa		Cresson	open veg
Hymenoptera	Anthophoridae	Melissodes	dagosa		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	glenwoodensis		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	grindeliae		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	hymenoxidis		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	lupina		Cresson	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Anthophoridae	Melissodes	lustra		LaBerge	open veg
Hymenoptera	Anthophoridae	Melissodes	lutulenta		LaBerge	open veg
Hymenoptera	Anthophoridae	Melissodes	menuachus		Cresson	open veg
Hymenoptera	Anthophoridae	Melissodes	metenua		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	micheneri		LaBerge	open veg
Hymenoptera	Anthophoridae	Melissodes	microsticta		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	moorei		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	pallidesignata		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	paulula		LaBerge	open veg
Hymenoptera	Anthophoridae	Melissodes	plumosa		LaBerge	open veg
Hymenoptera	Anthophoridae	Melissodes	pullatella		LaBerge	open veg
Hymenoptera	Anthophoridae	Melissodes	rivalis		Cresson	open veg
Hymenoptera	Anthophoridae	Melissodes	robustior		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	saponellus		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	semilupina		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	sp.			open veg
Hymenoptera	Anthophoridae	Melissodes	stearnsi		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	subagilis		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	tepida	tepida	Cresson	open veg
Hymenoptera	Anthophoridae	Melissodes	tepida	timberlakei	Cresson	open veg
Hymenoptera	Anthophoridae	Melissodes	tristis		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	verbesinarum		Cockerell	open veg
Hymenoptera	Anthophoridae	Melissodes	vernalis		LaBerge	open veg
Hymenoptera	Anthophoridae	Melissodes	vernoniae		Robertson	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Anthophoridae	Neolarra	pruinosa		Ashmead	open veg
Hymenoptera	Anthophoridae	Neopasites	fulviventris		Cresson	open veg
Hymenoptera	Anthophoridae	Nomada	edwardsii		Cresson	open veg
Hymenoptera	Anthophoridae	Nomada	hemphilli		Cockerell	open veg
Hymenoptera	Anthophoridae	Nomada	hesperia		Cockerell	open veg
Hymenoptera	Anthophoridae	Nomada	mutans		Cockerell	open veg
Hymenoptera	Anthophoridae	Nomada	semisuavis		Cockerell	open veg
Hymenoptera	Anthophoridae	Nomada	sp.			open veg
Hymenoptera	Anthophoridae	Nomada	suavis		Cresson	open veg
Hymenoptera	Anthophoridae	Nomada	verecunda		Cresson	open veg
Hymenoptera	Anthophoridae	Oreopasites	vanduzeei	vanduzeei	Cockerell	open veg
Hymenoptera	Anthophoridae	Peponapis	pruinosa		Say	open veg
Hymenoptera	Anthophoridae	Svastra	obliqua	expurgata	Say	open veg
Hymenoptera	Anthophoridae	Synhalonia	acerba		(Cresson)	open veg
Hymenoptera	Anthophoridae	Synhalonia	actuosa		(Cresson)	open veg
Hymenoptera	Anthophoridae	Synhalonia	amsinckiae		Timberlake	open veg
Hymenoptera	Anthophoridae	Synhalonia	angustifrons		Timberlake	open veg
Hymenoptera	Anthophoridae	Synhalonia	chrysophila		Cockerell	open veg
Hymenoptera	Anthophoridae	Synhalonia	cordleyi		Viereck	open veg
Hymenoptera	Anthophoridae	Synhalonia	delphinii		Timberlake	open veg
Hymenoptera	Anthophoridae	Synhalonia	dorsata		Timberlake	open veg
Hymenoptera	Anthophoridae	Synhalonia	douglasiana		Cockerell	open veg
Hymenoptera	Anthophoridae	Synhalonia	edwardsii		(Cresson)	open veg
Hymenoptera	Anthophoridae	Synhalonia	frater	albopilosa	Cresson	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Anthophoridae	Synhalonia	frater	frater	Cresson	open veg
Hymenoptera	Anthophoridae	Synhalonia	frater	lata	(Provancher)	open veg
Hymenoptera	Anthophoridae	Synhalonia	fulvitaris	fulvitaris	Cresson	open veg
Hymenoptera	Anthophoridae	Synhalonia	hirsutissima		Cockerell	open veg
Hymenoptera	Anthophoridae	Synhalonia	hurdi		Timberlake	open veg
Hymenoptera	Anthophoridae	Synhalonia	lunata		Timberlake	open veg
Hymenoptera	Anthophoridae	Synhalonia	monozona		Timberlake	open veg
Hymenoptera	Anthophoridae	Synhalonia	sp.			open veg
Hymenoptera	Anthophoridae	Synhalonia	speciosa		Cresson	open veg
Hymenoptera	Anthophoridae	Synhalonia	stretchii		(Cresson)	open veg
Hymenoptera	Anthophoridae	Synhalonia	virgata		Cockerell	open veg
Hymenoptera	Anthophoridae	Synhalonia	zonata		Timberlake	open veg
Hymenoptera	Anthophoridae	Triepeolus	sp.		Triepeolus sp.	open veg
Hymenoptera	Anthophoridae	Xeromelecta	californica		(Cresson)	open veg
Hymenoptera	Anthophoridae	Xylocopa	tabaniformis		Smith	open veg
Hymenoptera	Anthophoridae	Xylocopa	californica	californica	Cresson	open veg
Hymenoptera	Anthophoridae	Zacosmia	maculata	maculata	Cresson	open veg
Hymenoptera	Apidae	Apis	mellifera		Linnaeus	open veg
Hymenoptera	Apidae	Bombus	affinis		Cresson	open veg
Hymenoptera	Apidae	Bombus	appositus		Cresson	open veg
Hymenoptera	Apidae	Bombus	balteatus		Dahlbom	open veg
Hymenoptera	Apidae	Bombus	bifarius	nearcticus	Handlirsch	open veg
Hymenoptera	Apidae	Bombus	bifarius	bifarius	Cresson	open veg
Hymenoptera	Apidae	Bombus	bimaculatus		Cresson	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Apidae	Bombus	borealis		Kirby	open veg
Hymenoptera	Apidae	Bombus	californicus	californicus	Smith	open veg
Hymenoptera	Apidae	Bombus	caliginosus		Frison	open veg
Hymenoptera	Apidae	Bombus	centralis		Cresson	open veg
Hymenoptera	Apidae	Bombus	edwardsii		Cresson	open veg
Hymenoptera	Apidae	Bombus	fervida		Fabricius	open veg
Hymenoptera	Apidae	Bombus	flavifrons	dimidiatus	Ashmead	open veg
Hymenoptera	Apidae	Bombus	flavifrons	flavifrons	Cresson	open veg
Hymenoptera	Apidae	Bombus	frigidus		Smith	open veg
Hymenoptera	Apidae	Bombus	griseocollis		De Geer	open veg
Hymenoptera	Apidae	Bombus	huntii		Greene	open veg
Hymenoptera	Apidae	Bombus	hyperboreus		Schönherr	open veg
Hymenoptera	Apidae	Bombus	impatiens		Cresson	open veg
Hymenoptera	Apidae	Bombus	lucorum	lucorum	Linnaeus	open veg
Hymenoptera	Apidae	Bombus	melanopygus		Nylander	open veg
Hymenoptera	Apidae	Bombus	mixtus		Cresson	open veg
Hymenoptera	Apidae	Bombus	morrisoni		Cresson	open veg
Hymenoptera	Apidae	Bombus	nevadensis	nevadensis	Cresson	open veg
Hymenoptera	Apidae	Bombus	occidentalis		Greene	open veg
Hymenoptera	Apidae	Bombus	pennsylvanica		De Geer	open veg
Hymenoptera	Apidae	Bombus	perplexus		Cresson	open veg
Hymenoptera	Apidae	Bombus	pleuralis		Nylander	open veg
Hymenoptera	Apidae	Bombus	polaris		Curtis	open veg
Hymenoptera	Apidae	Bombus	rufocinctus		Cresson	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Apidae	Bombus	sitkensis		Nylander	open veg
Hymenoptera	Apidae	Bombus	strenuus		Cresson	open veg
Hymenoptera	Apidae	Bombus	sylvicola		(Kirby)	open veg
Hymenoptera	Apidae	Bombus	terricola		Kirby	open veg
Hymenoptera	Apidae	Bombus	vagans		Smith	open veg
Hymenoptera	Apidae	Bombus	vandykei		(Frison)	open veg
Hymenoptera	Apidae	Bombus	vosnesenski		Radoszkowski	open veg
Hymenoptera	Apidae	Psithyrus	fernaldae		Franklin	open veg
Hymenoptera	Apidae	Psithyrus	insularis		(Smith)	open veg
Hymenoptera	Apidae	Psithyrus	suckleyi		(Greene)	open veg
Hymenoptera	Cimbicidae	Trichiosoma	triangulum		Kirby	canopy
Hymenoptera	Cimbicidae	Zaraea	americana		Cresson	canopy
Hymenoptera	Colletidae	Colletes	ciliatoides		Stephen	open veg
Hymenoptera	Colletidae	Colletes	compactus	hesperius	Swenk	open veg
Hymenoptera	Colletidae	Colletes	consors	pascoensis	Cockerell	open veg
Hymenoptera	Colletidae	Colletes	consors	consors	Cresson	open veg
Hymenoptera	Colletidae	Colletes	fulgidus	fulgidus	Swenk	open veg
Hymenoptera	Colletidae	Colletes	fulgidus	longiplumosus	Swenk	open veg
Hymenoptera	Colletidae	Colletes	gypsicolens		Cockerell	open veg
Hymenoptera	Colletidae	Colletes	hyalinus	hyalinus	Provancher	open veg
Hymenoptera	Colletidae	Colletes	inaequalis		Say	open veg
Hymenoptera	Colletidae	Colletes	kincaidii		Cockerell	open veg
Hymenoptera	Colletidae	Colletes	lutzi	interior	Timberlake	open veg
Hymenoptera	Colletidae	Colletes	lutzi	lutzi	Timberlake	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Colletidae	Colletes	lutzi	monticola	Timberlake	open veg
Hymenoptera	Colletidae	Colletes	nigrifrons		Titus	open veg
Hymenoptera	Colletidae	Colletes	paniscus	sculleni	Timberlake	open veg
Hymenoptera	Colletidae	Colletes	paniscus	mertensiae	Viereck	open veg
Hymenoptera	Colletidae	Colletes	phaceliae		Cockerell	open veg
Hymenoptera	Colletidae	Colletes	simulans	nevadensis	Swenk	open veg
Hymenoptera	Colletidae	Colletes	slevini		Cockerell	open veg
Hymenoptera	Colletidae	Hylaeus	affinis		(Smith)	open veg
Hymenoptera	Colletidae	Hylaeus	basalis		(Smith)	open veg
Hymenoptera	Colletidae	Hylaeus	bisinuatus		Forster	open veg
Hymenoptera	Colletidae	Hylaeus	calvus		Metz	open veg
Hymenoptera	Colletidae	Hylaeus	coloradensis		(Cockerell)	open veg
Hymenoptera	Colletidae	Hylaeus	conspicua		Metz	open veg
Hymenoptera	Colletidae	Hylaeus	elliptica		Kirby	open veg
Hymenoptera	Colletidae	Hylaeus	episcopalis	episcopalis	(Cockerell)	open veg
Hymenoptera	Colletidae	Hylaeus	episcopalis	coquilletti	Cockerell	open veg
Hymenoptera	Colletidae	Hylaeus	lunicraterius		Snelling	open veg
Hymenoptera	Colletidae	Hylaeus	maritimus		Bridwell	open veg
Hymenoptera	Colletidae	Hylaeus	mesillae (cressoni)	cressoni	Cockerell	open veg
Hymenoptera	Colletidae	Hylaeus	modestus	citrinifrons	(Cockerell)	open veg
Hymenoptera	Colletidae	Hylaeus	nevadensis		(Cockerell)	open veg
Hymenoptera	Colletidae	Hylaeus	nunemacheri		Bridwell	open veg
Hymenoptera	Colletidae	Hylaeus	personatellus		Cockerell	open veg
Hymenoptera	Colletidae	Hylaeus	polifolii		Cockerell	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Colletidae	Hylaeus	rudbeckiae		(Cockerell & Casad)	open veg
Hymenoptera	Colletidae	Hylaeus	sp.			open veg
Hymenoptera	Colletidae	Hylaeus	timberlakei		Snelling	open veg
Hymenoptera	Colletidae	Hylaeus	verticalis		(Cresson)	open veg
Hymenoptera	Colletidae	Hylaeus	wootoni		Cockerell	open veg
Hymenoptera	Halictidae	Agapostemon	femoratus		Crawford	open veg
Hymenoptera	Halictidae	Agapostemon	melliventris		Cresson	open veg
Hymenoptera	Halictidae	Agapostemon	texanus	texanus	Cresson	open veg
Hymenoptera	Halictidae	Agapostemon	virescens		(Fabricius)	open veg
Hymenoptera	Halictidae	Augochlorella	pomoniella		Cockerell	open veg
Hymenoptera	Halictidae	Dialictus	sp.			open veg
Hymenoptera	Halictidae	Dufourea	afasciata		Bohart	open veg
Hymenoptera	Halictidae	Dufourea	bernardina		Michener	open veg
Hymenoptera	Halictidae	Dufourea	calochorti	sculleni	(Cockerell)	open veg
Hymenoptera	Halictidae	Dufourea	campanulae		(Cockerell)	open veg
Hymenoptera	Halictidae	Dufourea	dilatipes		Bohart	open veg
Hymenoptera	Halictidae	Dufourea	fimbriata	sierrae	(Michener)	open veg
Hymenoptera	Halictidae	Dufourea	holocyanea		(Cockerell)	open veg
Hymenoptera	Halictidae	Dufourea	leachi		Timberlake	open veg
Hymenoptera	Halictidae	Dufourea	maurus		Cresson	open veg
Hymenoptera	Halictidae	Dufourea	oryx		Viereck	open veg
Hymenoptera	Halictidae	Dufourea	scabricornis		Bohart	open veg
Hymenoptera	Halictidae	Dufourea	trochantera		Bohart	open veg
Hymenoptera	Halictidae	Dufourea	versatilis		Bridwell	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Halictidae	Halictus	confusus	arapahonum	Cockerell	open veg
Hymenoptera	Halictidae	Halictus	farinosus		Smith	open veg
Hymenoptera	Halictidae	Halictus	ligatus		Say	open veg
Hymenoptera	Halictidae	Halictus	rubicundus		(Christ)	open veg
Hymenoptera	Halictidae	Halictus	sp.			open veg
Hymenoptera	Halictidae	Halictus	tripartitus		Cockerell	open veg
Hymenoptera	Halictidae	Halictus	virgatellus		Cockerell	open veg
Hymenoptera	Halictidae	Lasioglossum	forbesii		Robertson	open veg
Hymenoptera	Halictidae	Lasioglossum	olympiae		Cockerell	open veg
Hymenoptera	Halictidae	Lasioglossum	pacificus		Cockerell	open veg
Hymenoptera	Halictidae	Lasioglossum	pavonotus		Cockerell	open veg
Hymenoptera	Halictidae	Lasioglossum	sisymbrii		Cockerell	open veg
Hymenoptera	Halictidae	Lasioglossum	sp.			open veg
Hymenoptera	Halictidae	Lasioglossum	titusi		Crawford	open veg
Hymenoptera	Halictidae	Lasioglossum	trizonatus		Cresson	open veg
Hymenoptera	Halictidae	Lasioglossum (Evylaeus)	pullilabris		Vachal	open veg
Hymenoptera	Halictidae	Lasioglossum (Evylaeus)	sp.			open veg
Hymenoptera	Halictidae	Micralictoides	ruficaudus		Michener	open veg
Hymenoptera	Halictidae	Nomia	melandri		Cockerell	open veg
Hymenoptera	Halictidae	Nomia	nevadensis	angelesia	Cresson	open veg
Hymenoptera	Halictidae	Nomia	nortoni	nortoni	Cresson	open veg
Hymenoptera	Halictidae	Sphecodes	sp.			open veg
Hymenoptera	Megachilidae	Anthidiellum	notatum	robertsoni	(Cockerell)	open veg
Hymenoptera	Megachilidae	Anthidium	banningense		Cockerell	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Megachilidae	Anthidium	clypeodentatum		Swenk	open veg
Hymenoptera	Megachilidae	Anthidium	collectum	collectum	Huard	open veg
Hymenoptera	Megachilidae	Anthidium	edwardsii		Cresson	open veg
Hymenoptera	Megachilidae	Anthidium	emarginata		Say	open veg
Hymenoptera	Megachilidae	Anthidium	jocosum		Cresson	open veg
Hymenoptera	Megachilidae	Anthidium	maculosum		Cresson	open veg
Hymenoptera	Megachilidae	Anthidium	mormonum		Cresson	open veg
Hymenoptera	Megachilidae	Anthidium	palliventre		Cresson	open veg
Hymenoptera	Megachilidae	Anthidium	placitum		Cresson	open veg
Hymenoptera	Megachilidae	Anthidium	porterae		Cockerell	open veg
Hymenoptera	Megachilidae	Anthidium	sp.			open veg
Hymenoptera	Megachilidae	Anthidium	tenuiflorae		Cockerell	open veg
Hymenoptera	Megachilidae	Anthidium	utahense		Swenk	open veg
Hymenoptera	Megachilidae	Anthidium (Callanthidium)	formosum		Cresson	open veg
Hymenoptera	Megachilidae	Anthidium (Callanthidium)	illustre		Cresson	open veg
Hymenoptera	Megachilidae	Anthocopa	abjecta	abjecta	(Cresson)	open veg
Hymenoptera	Megachilidae	Anthocopa	copelandica	copelandica	(Cockerell)	open veg
Hymenoptera	Megachilidae	Anthocopa	elongata		(Michener)	open veg
Hymenoptera	Megachilidae	Anthocopa	triadonta	shastensis	(Cockerell)	open veg
Hymenoptera	Megachilidae	Ashmeadiella	aridula	astragali	Michener	open veg
Hymenoptera	Megachilidae	Ashmeadiella	aridula	aridula	Cockerell	open veg
Hymenoptera	Megachilidae	Ashmeadiella	bucconis	denticulata	(Cresson)	open veg
Hymenoptera	Megachilidae	Ashmeadiella	cactorum	cactorum	(Cockerell)	open veg
Hymenoptera	Megachilidae	Ashmeadiella	cactorum	basalis	Cockerell	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Megachilidae	Ashmeadiella	californica	californica	(Ashmead)	open veg
Hymenoptera	Megachilidae	Ashmeadiella	californica	florissantensis	Ashmead	open veg
Hymenoptera	Megachilidae	Ashmeadiella	californica	sierrensis	Ashmead	open veg
Hymenoptera	Megachilidae	Ashmeadiella	cubiceps	cubiceps	(Cresson)	open veg
Hymenoptera	Megachilidae	Ashmeadiella	difugita	emarginatula	Michener	open veg
Hymenoptera	Megachilidae	Ashmeadiella	foxiella		Michener	open veg
Hymenoptera	Megachilidae	Ashmeadiella	sculleni		Michener	open veg
Hymenoptera	Megachilidae	Ashmeadiella	timberlakei	solida	Michener	open veg
Hymenoptera	Megachilidae	Chelostoma	florisomne		?	open veg
Hymenoptera	Megachilidae	Chelostoma	minuta		Crawford	open veg
Hymenoptera	Megachilidae	Chelostoma	minuturn	minuturn	Crawford	open veg
Hymenoptera	Megachilidae	Chelostoma	phaceliae		Michener	open veg
Hymenoptera	Megachilidae	Chelostoma	sp.			open veg
Hymenoptera	Megachilidae	Chelostoma	tetramerum		Michener	open veg
Hymenoptera	Megachilidae	Chelostomoides	angellarum		(Titus)	open veg
Hymenoptera	Megachilidae	Chelostomopsis	rubifloris		(Cockerell)	open veg
Hymenoptera	Megachilidae	Coelioxys	alternata		Say	open veg
Hymenoptera	Megachilidae	Coelioxys	apacheorum		Cockerell	open veg
Hymenoptera	Megachilidae	Coelioxys	banksi		Crawford	open veg
Hymenoptera	Megachilidae	Coelioxys	edita		Cresson	open veg
Hymenoptera	Megachilidae	Coelioxys	erysimi		Cockerell	open veg
Hymenoptera	Megachilidae	Coelioxys	funeraria		Smith	open veg
Hymenoptera	Megachilidae	Coelioxys	gilensis		Cockerell	open veg
Hymenoptera	Megachilidae	Coelioxys	grindeliae		Cockerell	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Megachilidae	Coelioxys	mesae		Cockerell	open veg
Hymenoptera	Megachilidae	Coelioxys	moesta		Cresson	open veg
Hymenoptera	Megachilidae	Coelioxys	novomexicana		Cockerell	open veg
Hymenoptera	Megachilidae	Coelioxys	octodentata		Say	open veg
Hymenoptera	Megachilidae	Coelioxys	porterae		Cockerell	open veg
Hymenoptera	Megachilidae	Coelioxys	rufitarsis		Smith	open veg
Hymenoptera	Megachilidae	Coelioxys	serricauda		Baker	open veg
Hymenoptera	Megachilidae	Coelioxys	sodalis		Cresson	open veg
Hymenoptera	Megachilidae	Coelioxys	sp.			open veg
Hymenoptera	Megachilidae	Dianthidium	curvatum	sayi	Smith	open veg
Hymenoptera	Megachilidae	Dianthidium	dubium	dubium	Schwarz	open veg
Hymenoptera	Megachilidae	Dianthidium	heterulkei	heterulkei	Schwarz	open veg
Hymenoptera	Megachilidae	Dianthidium	parvum	parvum	Cresson	open veg
Hymenoptera	Megachilidae	Dianthidium	plenum		Timberlake	open veg
Hymenoptera	Megachilidae	Dianthidium	pudicum	pudicum	Cresson	open veg
Hymenoptera	Megachilidae	Dianthidium	singulare		(Cresson)	open veg
Hymenoptera	Megachilidae	Dianthidium	subparvum		Swenk	open veg
Hymenoptera	Megachilidae	Dianthidium	ulkei	ulkei	Cresson	open veg
Hymenoptera	Megachilidae	Dioxys	aurifuscus		Titus	open veg
Hymenoptera	Megachilidae	Dioxys	pacificus	pacificus	Cockerell	open veg
Hymenoptera	Megachilidae	Dioxys	pacificus	pomona	Cockerell	open veg
Hymenoptera	Megachilidae	Dioxys	productus	productus	Cresson	open veg
Hymenoptera	Megachilidae	Heriades	carinata		Cresson	open veg
Hymenoptera	Megachilidae	Heriades	cressoni		Michener	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Megachilidae	Heriades	variolosa	variolosa	(Cresson)	open veg
Hymenoptera	Megachilidae	Heriades	occidentalis		Michener	open veg
Hymenoptera	Megachilidae	Heteranthidium	timberlakei		Schwarz	open veg
Hymenoptera	Megachilidae	Hoplitis	albifrons	argentifrons	Cresson	open veg
Hymenoptera	Megachilidae	Hoplitis	biscutellae		(Cockerell)	open veg
Hymenoptera	Megachilidae	Hoplitis	fulgida	fulgida	(Cresson)	open veg
Hymenoptera	Megachilidae	Hoplitis	grinnelli	septentrionalis	Michener	open veg
Hymenoptera	Megachilidae	Hoplitis	hypocrita		Cockerell	open veg
Hymenoptera	Megachilidae	Hoplitis	louisae		Cockerell	open veg
Hymenoptera	Megachilidae	Hoplitis	producta	subgracilis	Michener	open veg
Hymenoptera	Megachilidae	Hoplitis	sambuci		Titus	open veg
Hymenoptera	Megachilidae	Hoplitis	sp.			open veg
Hymenoptera	Megachilidae	Hoplitis	albifrons	albifrons	Kirby	open veg
Hymenoptera	Megachilidae	Hoplitis	albifrons	maura	Kirby	open veg
Hymenoptera	Megachilidae	Hoplitis	cylindricus		Cresson	open veg
Hymenoptera	Megachilidae	Hoplitis	fulgida	platyura	Cresson	open veg
Hymenoptera	Megachilidae	Hoplitis	producta	gracilis	Cresson	open veg
Hymenoptera	Megachilidae	Hoplitis	robusta (=clypeata)		Nylander	open veg
Hymenoptera	Megachilidae	Hoplitis	uvulalis		Cockerell	open veg
Hymenoptera	Megachilidae	Hoplitis	viridimicans		Cockerell	open veg
Hymenoptera	Megachilidae	Hoplitis (Anthocopa)	abjecta	alta	Cresson	open veg
Hymenoptera	Megachilidae	Hoplitis (Anthocopa)	anthodyta	anthodyta	Michener	open veg
Hymenoptera	Megachilidae	Hoplitis (Anthocopa)	copelandica	albomarginata	Cockerell	open veg
Hymenoptera	Megachilidae	Hoplitis (Anthocopa)	hebitis		Michener	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Megachilidae	Hoplitis (Anthocopa)	oregona		Michener	open veg
Hymenoptera	Megachilidae	Hoplitis (Anthocopa)	triodonta	triodonta	Cockerell	open veg
Hymenoptera	Megachilidae	Hoplitis (Proteriades)	boharti		Timberlake & Michener	open veg
Hymenoptera	Megachilidae	Hoplitis (Proteriades)	evansi		Michener	open veg
Hymenoptera	Megachilidae	Hoplitis (Proteriades)	jacintanum		Cockerell	open veg
Hymenoptera	Megachilidae	Hoplitis (Proteriades)	laevibullata		Michener	open veg
Hymenoptera	Megachilidae	Hoplitis (Proteriades)	linsdalei (rufina)		Michener	open veg
Hymenoptera	Megachilidae	Hoplitis (Proteriades)	plagiostoma		Michener	open veg
Hymenoptera	Megachilidae	Megachile	alamosana		Mitchell	open veg
Hymenoptera	Megachilidae	Megachile	angellarum		Cockerell	open veg
Hymenoptera	Megachilidae	Megachile	anograe		Cockerell	open veg
Hymenoptera	Megachilidae	Megachile	apicalis		Spinola	open veg
Hymenoptera	Megachilidae	Megachile	brevis	onobrychidis	Cockerell	open veg
Hymenoptera	Megachilidae	Megachile	brevis	brevis	Say	open veg
Hymenoptera	Megachilidae	Megachile	centuncularis		(Linnaeus)	open veg
Hymenoptera	Megachilidae	Megachile	cleomis		Cockerell	open veg
Hymenoptera	Megachilidae	Megachile	concinna		Smith	open veg
Hymenoptera	Megachilidae	Megachile	coquilletti		Cockerell	open veg
Hymenoptera	Megachilidae	Megachile	dentitarsis		Sladen	open veg
Hymenoptera	Megachilidae	Megachile	fidelis		Cresson	open veg
Hymenoptera	Megachilidae	Megachile	frigida	frigida	Smith	open veg
Hymenoptera	Megachilidae	Megachile	frugalis	frugalis	Cresson	open veg
Hymenoptera	Megachilidae	Megachile	frugalis	pseudofrugalis	Cresson	open veg
Hymenoptera	Megachilidae	Megachile	gemula	cressonii	Dal. Torre	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Megachilidae	Megachile	gentilis		Cresson	open veg
Hymenoptera	Megachilidae	Megachile	giliae		Cockerell	open veg
Hymenoptera	Megachilidae	Megachile	gravita		Mitchell	open veg
Hymenoptera	Megachilidae	Megachile	inermis		Provancher	open veg
Hymenoptera	Megachilidae	Megachile	inimica	sayi	Cresson	open veg
Hymenoptera	Megachilidae	Megachile	latimanus		Say	open veg
Hymenoptera	Megachilidae	Megachile	laurita		Mitchell	open veg
Hymenoptera	Megachilidae	Megachile	legalis		Cresson	open veg
Hymenoptera	Megachilidae	Megachile	manifesta		Cresson	open veg
Hymenoptera	Megachilidae	Megachile	melanophaea	calogaster	Cockerell	open veg
Hymenoptera	Megachilidae	Megachile	melanophaea	melanophaea	Smith	open veg
Hymenoptera	Megachilidae	Megachile	mellitarsis		Cresson	open veg
Hymenoptera	Megachilidae	Megachile	montivaga		Cresson	open veg
Hymenoptera	Megachilidae	Megachile	nevadensis		Cresson	open veg
Hymenoptera	Megachilidae	Megachile	nivalis		Friese	open veg
Hymenoptera	Megachilidae	Megachile	parallela		Smith	open veg
Hymenoptera	Megachilidae	Megachile	pascoensis		Mitchell	open veg
Hymenoptera	Megachilidae	Megachile	perihirta		Cockerell	open veg
Hymenoptera	Megachilidae	Megachile	pseudonigra		Mitchell	open veg
Hymenoptera	Megachilidae	Megachile	pugnata		Say	open veg
Hymenoptera	Megachilidae	Megachile	pugnatus	pomonae	Say	open veg
Hymenoptera	Megachilidae	Megachile	relativa		Cresson	open veg
Hymenoptera	Megachilidae	Megachile	rotundata		(Fabricius)	open veg
Hymenoptera	Megachilidae	Megachile	subnigra	subnigra	Cresson	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Megachilidae	Megachile	subnigra	angelica	Mitchell	open veg
Hymenoptera	Megachilidae	Megachile	texana		Cresson	open veg
Hymenoptera	Megachilidae	Megachile	umatillensis		Mitchell	open veg
Hymenoptera	Megachilidae	Megachile	wheeleri		Mitchell	open veg
Hymenoptera	Megachilidae	Megachile (Chalicodoma)	angularum		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	albolateralis	albolateralis	Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	albolateralis	visenda	Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	ashmeadii		Titus	open veg
Hymenoptera	Megachilidae	Osmia	atrocyanea	atrocyanea	Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	brevis	brevis	Cresson	open veg
Hymenoptera	Megachilidae	Osmia	bruneri		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	bucephala		Cresson	open veg
Hymenoptera	Megachilidae	Osmia	calcarata		White	open veg
Hymenoptera	Megachilidae	Osmia	californica (pascoensis ?)		Cresson	open veg
Hymenoptera	Megachilidae	Osmia	calla		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	cara		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	claremontensis		Michener	open veg
Hymenoptera	Megachilidae	Osmia	cobaltina		Cresson	open veg
Hymenoptera	Megachilidae	Osmia	coloradensis		Cresson	open veg
Hymenoptera	Megachilidae	Osmia	cyanella		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	cyaneonitens		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	cyanopoda		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	densa	densa	Cresson	open veg
Hymenoptera	Megachilidae	Osmia	dolorosa		Sandhouse	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Megachilidae	Osmia	exigua		Cresson	open veg
Hymenoptera	Megachilidae	Osmia	gabrielis		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	gaudiosa		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	giffardi		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	giliarum		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	glaucum (exilis)		Fowler	open veg
Hymenoptera	Megachilidae	Osmia	grindeliae		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	grinnelli		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	hendersoni		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	hesperos		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	hurdi		White	open veg
Hymenoptera	Megachilidae	Osmia	indepressa		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	inermis		(Zetterstedt)	open veg
Hymenoptera	Megachilidae	Osmia	integra		Cresson	open veg
Hymenoptera	Megachilidae	Osmia	inurbana		Cresson	open veg
Hymenoptera	Megachilidae	Osmia	juxta	subpurpurea	Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	juxta	juxta	Cresson	open veg
Hymenoptera	Megachilidae	Osmia	kenoyeri		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	kincaidii		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	lacus		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	laeta		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	lanei		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	lignaria	propinqua	Cresson	open veg
Hymenoptera	Megachilidae	Osmia	longula		Cresson	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Megachilidae	Osmia	malina		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	marginipennis		Cresson	open veg
Hymenoptera	Megachilidae	Osmia	melanopleura		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	mertensiae		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	montana	montana	Cresson	open veg
Hymenoptera	Megachilidae	Osmia	montana	quadriceps	Cresson	open veg
Hymenoptera	Megachilidae	Osmia	nanula		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	nemoris		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	nifoata		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	nigrifrons		Cresson	open veg
Hymenoptera	Megachilidae	Osmia	nigriventris		Zetterstedt	open veg
Hymenoptera	Megachilidae	Osmia	obliqua		White	open veg
Hymenoptera	Megachilidae	Osmia	odontogaster		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	pagosa		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	paradisica		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	pellax (?)		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	penstemonis		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	physariae		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	pikei (integrella ?)		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	proxima		Cresson	open veg
Hymenoptera	Megachilidae	Osmia	pulsatillae		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	pusilla		Cresson	open veg
Hymenoptera	Megachilidae	Osmia	raritarsis		Michener	open veg
Hymenoptera	Megachilidae	Osmia	regulina		Cockerell	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Megachilidae	Osmia	ribifloris	biedermanni	Michener	open veg
Hymenoptera	Megachilidae	Osmia	sculleni		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	seclusa		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	sedula		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	simillima		Smith	open veg
Hymenoptera	Megachilidae	Osmia	sladeni		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	sp.			open veg
Hymenoptera	Megachilidae	Osmia	subaustralis (mendocinensis ?)		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	tersula		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	texana		Cresson	open veg
Hymenoptera	Megachilidae	Osmia	thysanica		Michener	open veg
Hymenoptera	Megachilidae	Osmia	trevoris		Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	trifoliama		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	tristella	tristella	Cockerell	open veg
Hymenoptera	Megachilidae	Osmia	unca		Michener	open veg
Hymenoptera	Megachilidae	Osmia	vandykei		Sandhouse	open veg
Hymenoptera	Megachilidae	Osmia	zephyros		Sandhouse	open veg
Hymenoptera	Megachilidae	Stelis	sp.			open veg
Hymenoptera	Melittidae	Hesperapis	carinata	carinata	Stevens	open veg
Hymenoptera	Melittidae	Hesperapis	pellucidus		Cockerell	open veg
Hymenoptera	Tenthredinidae	Aglaostigma	rubens		(Cresson)	?
Hymenoptera	Tenthredinidae	Allantus	cinctus		(Linnaeus)	open veg
Hymenoptera	Tenthredinidae	Ametastegia	pallipes		Spinola	?
Hymenoptera	Tenthredinidae	Ametastegia	tener		(Fallen)	?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Tenthredinidae	Aneugmenus	padi		(Linnaeus)	meadow veg
Hymenoptera	Tenthredinidae	Dolerus	aeneiceps		Goulet	?
Hymenoptera	Tenthredinidae	Empria	ignota		(Norton)	riparian veg
Hymenoptera	Tenthredinidae	Empria	maculata		(Norton)	open veg
Hymenoptera	Tenthredinidae	Empria	multicolor		(Norton)	canopy
Hymenoptera	Tenthredinidae	Empria	obscurata		(Cresson)	open veg
Hymenoptera	Tenthredinidae	Euura	exiguae		Smith	open veg
Hymenoptera	Tenthredinidae	Euura	sp.			riparian veg
Hymenoptera	Tenthredinidae	Loderus	genucinctus	niger	Rohwer	riparian veg
Hymenoptera	Tenthredinidae	Macrophya	fumator		Norton	?
Hymenoptera	Tenthredinidae	Monophadnoides	assaracus		MacGillivray	open veg
Hymenoptera	Tenthredinidae	Monophadnoides	atratus		(MacGillivray)	open veg
Hymenoptera	Tenthredinidae	Monophadnoides	geniculatus		(Hartig)	open veg
Hymenoptera	Tenthredinidae	Monophadnoides	typicus		(Rohwer)	open veg
Hymenoptera	Tenthredinidae	Nematus	iridescent		Cresson	riparian veg
Hymenoptera	Tenthredinidae	Nematus	oligospilus		Forester	riparian veg
Hymenoptera	Tenthredinidae	Nematus	sp.			?
Hymenoptera	Tenthredinidae	Nematus	unicolor		(Marlatt)	?
Hymenoptera	Tenthredinidae	Nematus	vancouverensis		(Marlatt)	riparian veg
Hymenoptera	Tenthredinidae	Pachynematus	sp.			?
Hymenoptera	Tenthredinidae	Pachyproctaxis	rapae		(Linnaeus)	?
Hymenoptera	Tenthredinidae	Paracharactus	montivagus		(Cresson)	?
Hymenoptera	Tenthredinidae	Phyllocolpa	sp.			riparian veg
Hymenoptera	Tenthredinidae	Phymatocera	offensa		(MacGillivray)	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Hymenoptera	Tenthredinidae	Phymatocera	similata		(MacGillivray)	canopy
Hymenoptera	Tenthredinidae	Pristiphora	pallidiventris		(Fallen)	open veg
Hymenoptera	Tenthredinidae	Pristiphora	serrula		Wong & Ross	?
Hymenoptera	Tenthredinidae	Pristiphora	sycophanta		Walsh	riparian veg
Hymenoptera	Tenthredinidae	Pristola	macnabi		Ross	canopy
Hymenoptera	Tenthredinidae	Rhogogaster	addenda		(Cresson)	?
Hymenoptera	Tenthredinidae	Strongylogaster	distans		Norton	meadow veg
Hymenoptera	Tenthredinidae	Strongylogaster	tibialis		Cresson	meadow veg
Hymenoptera	Tenthredinidae	Tenthredo	ferrugineipes		Cresson	?
Hymenoptera	Tenthredinidae	Tenthredo	maxima		(Norton)	?
Hymenoptera	Tenthredinidae	Tenthredo	pectoralis		Norton	?
Hymenoptera	Tenthredinidae	Tenthredo	repleta		MacGillivray	?
Hymenoptera	Tenthredinidae	Tenthredo	rhammisia		MacGillivray	?
Hymenoptera	Tenthredinidae	Tenthredo	sp.			?
Hymenoptera	Tenthredinidae	Tenthredo	subcoerulea		Eschscholtz	?
Hymenoptera	Tenthredinidae	Tenthredo	varipicta		Norton	?
Lepidoptera	Arctiidae	Arachnis	picta		Packard	
Lepidoptera	Arctiidae	Arctia	caja		Linnaeus	open veg
Lepidoptera	Arctiidae	Cisseps	fulvicollis		Hubner	open veg
Lepidoptera	Arctiidae	Cisthene	faustinula		Boisduval	?
Lepidoptera	Arctiidae	Cisthene	liberomaculata		Dyar	?
Lepidoptera	Arctiidae	Cisthene	nexa		Boisduval	?
Lepidoptera	Arctiidae	Clemensia	albata		Packard	understory
Lepidoptera	Arctiidae	Ctenucha	brunnea		Stretch	?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Arctiidae	Ctenucha	multifaria		Walker	?
Lepidoptera	Arctiidae	Ctenucha	rubroscapus		Menetries	?
Lepidoptera	Arctiidae	Cycnia	oregonensis		Stretch	?
Lepidoptera	Arctiidae	Cycnia	tenera		Hubner	?
Lepidoptera	Arctiidae	Ectypia	clio		Packard	?
Lepidoptera	Arctiidae	Estigmene	acrea		Drury	?
Lepidoptera	Arctiidae	Gnophaela	latipennis		Boisduval	open veg
Lepidoptera	Arctiidae	Gnophaela	vermiculata		Grote	open veg
Lepidoptera	Arctiidae	Grammia	nevadensis (behrii)		Grote & Robinson	?
Lepidoptera	Arctiidae	Grammia	ornata		(Packard)	open veg
Lepidoptera	Arctiidae	Grammia	williamsii		Dodge	?
Lepidoptera	Arctiidae	Hemihyalea	edwardsii		(Packard)	canopy
Lepidoptera	Arctiidae	Hyphantria	cunea		Drury	understory
Lepidoptera	Arctiidae	Kodiosoma	fulva		Stretch	?
Lepidoptera	Arctiidae	Leptarctia	californiae		Walker	open veg
Lepidoptera	Arctiidae	Lophocampa	argentata		(Packard)	canopy
Lepidoptera	Arctiidae	Lophocampa	ingens		Edwards	?
Lepidoptera	Arctiidae	Lophocampa	maculata	agassizii	(Packard)	canopy
Lepidoptera	Arctiidae	Lophocampa	sobrina		Stretch	?
Lepidoptera	Arctiidae	Notarctia	proxima		Guerin-Meneville	?
Lepidoptera	Arctiidae	Phragmatobia	fuliginosa		Linnaeus	?
Lepidoptera	Arctiidae	Platyprepia	virginialis		Boisduval	open veg
Lepidoptera	Arctiidae	Pyrrharctia	isabella		(J.E.Smith)	open veg
Lepidoptera	Arctiidae	Spilosoma	pteridis		Hy. Edwards	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Arctiidae	Spilosoma	vagans		Boisduval	open veg
Lepidoptera	Arctiidae	Spilosoma	vestalis		Packard	open veg
Lepidoptera	Arctiidae	Spilosoma	virginica		(Fabricius)	open veg
Lepidoptera	Arctiidae	Tyria	jacobaeae		(Linnaeus)	open veg
Lepidoptera	Cosmopterigidae	Walshia	miscecolorella		(Chambers)	open veg
Lepidoptera	Danaidae	Danaus	plexippus	plexippus	Linnaeus	open veg
Lepidoptera	Drepanidae	Drepana	arcuata		Walker	understory
Lepidoptera	Drepanidae	Drepana	bilineata		Packard	canopy
Lepidoptera	Gelechiidae	Telphusa	sedulitella		Busck	understory
Lepidoptera	Geometridae	Aethaloida	packardaria		Hulst	open veg
Lepidoptera	Geometridae	Anagoga	occiduaria		(Walker)	understory
Lepidoptera	Geometridae	Anavitrinella	pampinaria		(Guenée)	understory
Lepidoptera	Geometridae	Anticlea	multiferata		(Walker)	?
Lepidoptera	Geometridae	Anticlea	vasiliata		(Guenée)	open veg
Lepidoptera	Geometridae	Apodrepanuletrix	litaria		Hulst	?
Lepidoptera	Geometridae	Besma	quercivoraria		Guenée	canopy
Lepidoptera	Geometridae	Biston	betularia		(Guenée)	canopy
Lepidoptera	Geometridae	Cabera	erythemaria		Guenée	riparian veg
Lepidoptera	Geometridae	Campaea	perlata		Guenée	understory
Lepidoptera	Geometridae	Caripeta	aequalaria		Grote	canopy
Lepidoptera	Geometridae	Caripeta	divisata		Walker	canopy
Lepidoptera	Geometridae	Ceratodalia	gueneata		Packard	?
Lepidoptera	Geometridae	Chlorosea	banksaria		Sperry	open veg
Lepidoptera	Geometridae	Cladaria	limitaria		(Walker)	understory

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Geometridae	Cochisea	sinuaria		Barnes & McDunnough	understory
Lepidoptera	Geometridae	Cochisea	sonomensis		McDunnough	canopy
Lepidoptera	Geometridae	Coryphista	meadii		(Packard)	understory
Lepidoptera	Geometridae	Cyclophora	dataria		(Hulst)	canopy
Lepidoptera	Geometridae	Cyclophora	pendulinaria		(Guenée)	canopy
Lepidoptera	Geometridae	Dasyfidonia	avuncularia		(Guenée)	?
Lepidoptera	Geometridae	Dichorda	illustraria		Hulst	understory
Lepidoptera	Geometridae	Drepanulatrix	monicaria		(Guenée)	open veg
Lepidoptera	Geometridae	Drepanulatrix	pulveraria		(Hulst)	open veg
Lepidoptera	Geometridae	Drepanulatrix	quadraria		(Grote)	open veg
Lepidoptera	Geometridae	Drepanulatrix	secundaria		Barnes & McDunnough	open veg
Lepidoptera	Geometridae	Drepanulatrix	unicarcaria		(Guenée)	open veg
Lepidoptera	Geometridae	Drepanulatrix	baueraria		Sperry	open veg
Lepidoptera	Geometridae	Drepanulatrix	bifilata		Hulst	open veg
Lepidoptera	Geometridae	Drepanulatrix	carnearia		(Hulst)	open veg
Lepidoptera	Geometridae	Drepanulatrix	falcataria		(Packard)	open veg
Lepidoptera	Geometridae	Drepanulatrix	foeminaria		(Guenée)	open veg
Lepidoptera	Geometridae	Drepanulatrix	hulstii		(Dyar)	open veg
Lepidoptera	Geometridae	Dysstroma	brunneata		Packard	understory
Lepidoptera	Geometridae	Dysstroma	citrata		(Linnaeus)	understory
Lepidoptera	Geometridae	Dysstroma	citrata		(Linnaeus)	open veg
Lepidoptera	Geometridae	Dysstroma	formosa		Hulst	understory
Lepidoptera	Geometridae	Dysstroma	hersiliata		Guenée	?
Lepidoptera	Geometridae	Dysstroma	mancipata		(Taylor)	?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Geometridae	Dysstroma	ochrofuscaria		Ferguson	understory
Lepidoptera	Geometridae	Dysstroma	sobria		Blackmore	understory
Lepidoptera	Geometridae	Dysstroma	sp.			?
Lepidoptera	Geometridae	Dysstroma	truncata		(Hufnagel)	canopy
Lepidoptera	Geometridae	Dysstroma	walkerata		Pearsall	?
Lepidoptera	Geometridae	Ecliptoptera	silacea		(Denis & Schiffermuller)	open veg
Lepidoptera	Geometridae	Ectropis	crepuscularia		(Denis & Schiffermuller)	understory
Lepidoptera	Geometridae	Elpiste	lorquinaria		(Guenée)	understory
Lepidoptera	Geometridae	Elpiste	metanemaria		Hulst	understory
Lepidoptera	Geometridae	Ennomos	magnaria		(Guenée)	riparian veg
Lepidoptera	Geometridae	Enypia	packardata		Taylor	canopy
Lepidoptera	Geometridae	Enypia	venata		(Grote)	?
Lepidoptera	Geometridae	Epirranthis	substriataria		Hulst	?
Lepidoptera	Geometridae	Epirrhoe	alternata		(Muller)	open veg
Lepidoptera	Geometridae	Epirrita	autumnata		Harris	canopy
Lepidoptera	Geometridae	Erannis	tiliaria		Hulst	understory
Lepidoptera	Geometridae	Euchlaena	johnsonaria		Fitch	understory
Lepidoptera	Geometridae	Euchlaena	madusaria		Walker	?
Lepidoptera	Geometridae	Euchlaena	mollisaria		(Hulst)	canopy
Lepidoptera	Geometridae	Euchlaena	tigrinaria		(Guenée)	understory
Lepidoptera	Geometridae	Eudrepanulatrix	rectifascia		(Hulst)	open veg
Lepidoptera	Geometridae	Eulithis	propulsata		(Walker)	riparian veg
Lepidoptera	Geometridae	Eulithis	xylina		(Hulst)	understory
Lepidoptera	Geometridae	Eulithis	destinata		(Taylor)	understory

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Geometridae	Eulithis	destinata (harveyata)		Moschler	understory
Lepidoptera	Geometridae	Euphyia	unangulata		(Guenée)	open veg
Lepidoptera	Geometridae	Eupithecia	gilvipennata		Cassino & Swett	canopy
Lepidoptera	Geometridae	Eupithecia	graeffii		(Hulst)	understory
Lepidoptera	Geometridae	Eupithecia	miserulata		Swett & Cassino	open veg
Lepidoptera	Geometridae	Eupithecia	georgii		McDunnough	?
Lepidoptera	Geometridae	Eupithecia	misturata		(Hulst)	open veg
Lepidoptera	Geometridae	Eupithecia	nevadata		Packard	open veg
Lepidoptera	Geometridae	Eupithecia	ravocostaliata		Packard	open veg
Lepidoptera	Geometridae	Eupithecia	sabulosata		McDunnough	canopy
Lepidoptera	Geometridae	Eupithecia	spermaphaga		Dyar	?
Lepidoptera	Geometridae	Eupithecia	subcolorata		(Hulst)	open veg
Lepidoptera	Geometridae	Eustroma	fasciata		Barnes & McDunnough	open veg
Lepidoptera	Geometridae	Eustroma	semitrata		(Hulst)	open veg
Lepidoptera	Geometridae	Gabriola	dyari		Taylor	canopy
Lepidoptera	Geometridae	Gabriola	sierrae		McDunnough	?
Lepidoptera	Geometridae	Hesperumia	latipennis		(Hulst)	understory
Lepidoptera	Geometridae	Hesperumia	sulphuraria		Packard	understory
Lepidoptera	Geometridae	Hydria	undulata		(Linnaeus)	canopy
Lepidoptera	Geometridae	Hydriomena	edenata		Swett	?
Lepidoptera	Geometridae	Hydriomena	irata		Swett	canopy
Lepidoptera	Geometridae	Hydriomena	nubilofasciata		(Packard)	canopy
Lepidoptera	Geometridae	Hydriomena	perfracta		Swett	open veg
Lepidoptera	Geometridae	Hydriomena	renunciata		(Walker)	riparian veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Geometridae	Hydriomena	speciosata		(Packard)	canopy
Lepidoptera	Geometridae	Hydriomena	furcata		(Thunberg)	riparian veg
Lepidoptera	Geometridae	Hydriomena	manzanita		Taylor	understory
Lepidoptera	Geometridae	Hydriomena	marinata		(Barnes & McDunnough)	canopy
Lepidoptera	Geometridae	Iridopsis	emasculata		(Dyar)	understory
Lepidoptera	Geometridae	Itame	bitactata		Walker	understory
Lepidoptera	Geometridae	Itame	brunneata		Thunberg	understory
Lepidoptera	Geometridae	Itame	colata		(Grote)	understory
Lepidoptera	Geometridae	Itame	confederata		Barnes & McDunnough	understory
Lepidoptera	Geometridae	Itame	decorata		(Hulst)	understory
Lepidoptera	Geometridae	Itame	exauspicata		(Walker)	?
Lepidoptera	Geometridae	Itame	plumosata		Barnes & McDunnough	canopy
Lepidoptera	Geometridae	Itame	quadrilineararia		(Packard)	open veg
Lepidoptera	Geometridae	Lambdina	fiscellaria		(Hulst)	canopy
Lepidoptera	Geometridae	Lobophora	simsata		Swett	?
Lepidoptera	Geometridae	Marmopteryx	marmorata		Packard	?
Lepidoptera	Geometridae	Melanolophia	imitata		(Walker)	canopy
Lepidoptera	Geometridae	Mesoleuca	gratulata		(Walker)	understory
Lepidoptera	Geometridae	Mesoleuca	ruficillata		Guenee	understory
Lepidoptera	Geometridae	Metarranthia	duaria		Guenee	?
Lepidoptera	Geometridae	Nacophora	mexicanaria		Grote	canopy
Lepidoptera	Geometridae	Nematocampa	limbata		(Haworth)	canopy
Lepidoptera	Geometridae	Nematocampa	resistaria		?	understory
Lepidoptera	Geometridae	Nemoria	darwiniata	punctularia	Barnes & McDunnough	riparian veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Geometridae	Nemoria	glaucomarginaria		(Barnes & McDunnough)	canopy
Lepidoptera	Geometridae	Nemoria	pulcherrima		(Barnes & McDunnough)	canopy
Lepidoptera	Geometridae	Neoalcis	californiaria		(Packard)	understory
Lepidoptera	Geometridae	Neoterpes	trianguliferata		(Packard)	open veg
Lepidoptera	Geometridae	Nepytia	phantasmaria		(Strecker)	canopy
Lepidoptera	Geometridae	Nepytia	umbrosaria	nigrovenaria	Packard	canopy
Lepidoptera	Geometridae	Operophtera	bruceata		Hulst	understory
Lepidoptera	Geometridae	Operophtera	danbyi		Hulst	canopy
Lepidoptera	Geometridae	Orthonama	centrostrigaria		(Wollaston)	open veg
Lepidoptera	Geometridae	Orthonama	obstipata		Fabricius	?
Lepidoptera	Geometridae	Perizoma	costiguttata		(Hulst)	open veg
Lepidoptera	Geometridae	Perizoma	curvilinea		(Hulst)	open veg
Lepidoptera	Geometridae	Perizoma	grandis		(Hulst)	?
Lepidoptera	Geometridae	Pero	behrensaria		(Packard)	canopy
Lepidoptera	Geometridae	Pero	mizon		(Rindge)	understory
Lepidoptera	Geometridae	Pero	morrisonaria		(Hy. Edwards)	canopy
Lepidoptera	Geometridae	Pero	occidentalis		(Hulst)	canopy
Lepidoptera	Geometridae	Phigalia	plumogeraria		(Hulst)	canopy
Lepidoptera	Geometridae	Philedia	punctomacularia		Hulst	?
Lepidoptera	Geometridae	Plagodis	phlogosaria		(Guenée)	canopy
Lepidoptera	Geometridae	Plemyria	georgii		Hulst	?
Lepidoptera	Geometridae	Probole	alienaria		Herrich-Schaeffer	understory
Lepidoptera	Geometridae	Probole	amicaria		(Herrich-Schaeffer)	understory
Lepidoptera	Geometridae	Prochoerodes	forficaria		(Guenée)	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Geometridae	Protitame	matilda		(Dyar)	riparian veg
Lepidoptera	Geometridae	Protitame	subalbaria		(Packard)	?
Lepidoptera	Geometridae	Protoboarmia	porcelaria		Guenée	canopy
Lepidoptera	Geometridae	Rheumaptera	hastata		Linnaeus	?
Lepidoptera	Geometridae	Rheumaptera	subhastata		(Nolcken)	understory
Lepidoptera	Geometridae	Sabulodes	aegrotata		Guenée	understory
Lepidoptera	Geometridae	Sabulodes	edwardsata		(Hulst)	canopy
Lepidoptera	Geometridae	Scopula	junctaria	quinquilinearia	(Packard)	?
Lepidoptera	Geometridae	Scopula	sideraria		(Guenée)	?
Lepidoptera	Geometridae	Selenia	alciphearia		Walker	canopy
Lepidoptera	Geometridae	Semiothisa	adonis		Barnes & McDunnough	canopy
Lepidoptera	Geometridae	Semiothisa	arubrescens		McDunnough	?
Lepidoptera	Geometridae	Semiothisa	burneyata		McDunnough	canopy
Lepidoptera	Geometridae	Semiothisa	californiaria		(Packard)	canopy
Lepidoptera	Geometridae	Semiothisa	denticulata		Grote	open veg
Lepidoptera	Geometridae	Semiothisa	neptaria		Guenée	canopy
Lepidoptera	Geometridae	Semiothisa	respersata		Hulst	canopy
Lepidoptera	Geometridae	Semiothisa	setonana		McDunnough	open veg
Lepidoptera	Geometridae	Semiothisa	sexmaculata		Packard	canopy
Lepidoptera	Geometridae	Semiothisa	signaria	signaria	(Walker)	canopy
Lepidoptera	Geometridae	Semiothisa	sp.			open veg
Lepidoptera	Geometridae	Semiothisa	ulsterata		Pearsall	canopy
Lepidoptera	Geometridae	Semiothisa	unipunctaria		Wright	canopy
Lepidoptera	Geometridae	Sericosema	juturnaria		Guenée	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Geometridae	Sicya	crocearia		Packard	open veg
Lepidoptera	Geometridae	Sicya	morsicaria		Hulst	canopy
Lepidoptera	Geometridae	Spargania	magnoliata	quadripunctata	(Packard)	open veg
Lepidoptera	Geometridae	Stamnoctenis	pearsalli		(Swett)	?
Lepidoptera	Geometridae	Stamnodes	blackmorei		Swett	?
Lepidoptera	Geometridae	Stenoporpia	excelsaria		Strecker	?
Lepidoptera	Geometridae	Stenoporpia	pulmonaria	albescens	(Hulst)	canopy
Lepidoptera	Geometridae	Stenoporpia	pulmonaria	dejecta	Grote	canopy
Lepidoptera	Geometridae	Stenoporpia	separataria		Grote	?
Lepidoptera	Geometridae	Synaxis	cervinaria		(Packard)	open veg
Lepidoptera	Geometridae	Synaxis	fuscata		Hulst	?
Lepidoptera	Geometridae	Synaxis	jubararia		(Hulst)	understory
Lepidoptera	Geometridae	Synaxis	pallulata		(Hulst)	canopy
Lepidoptera	Geometridae	Synchlora	aerata		(Fabricius)	open veg
Lepidoptera	Geometridae	Thallophaga	nigroseriata		(Packard)	?
Lepidoptera	Geometridae	Thallophaga	taylorata		Hulst	understory
Lepidoptera	Geometridae	Trichodezia	californiata		(Packard)	?
Lepidoptera	Geometridae	Triphosa	californiata		(Packard)	open veg
Lepidoptera	Geometridae	Triphosa	haesitata		(Guenée)	open veg
Lepidoptera	Geometridae	Venusia	cambrica		Curtis	?
Lepidoptera	Geometridae	Venusia	duodecemlineata		Packard	?
Lepidoptera	Geometridae	Venusia	pearsalli		(Dyar)	canopy
Lepidoptera	Geometridae	Xanthorhoë	defensaria		(Guenée)	open veg
Lepidoptera	Geometridae	Xanthorhoë	fossaria		Taylor	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Geometridae	Xanthorhoë	sp.			?
Lepidoptera	Geometridae	Zenophleps	lignicolorata		(Packard)	?
Lepidoptera	Hesperiidae	Amblyscirtes	vialis		(Edwards)	meadow veg
Lepidoptera	Hesperiidae	Atalopedes	campestris	campestris	(Boisduval)	open veg
Lepidoptera	Hesperiidae	Carterocephalus	palaemon	mandan	(Edwards)	meadow veg
Lepidoptera	Hesperiidae	Epargyreus	clarus	californicus	(Cramer)	open veg
Lepidoptera	Hesperiidae	Erynnis	brizo	lacustra	Boisduval & Leconte	
Lepidoptera	Hesperiidae	Erynnis	funeralis		(Scudder & Burgess)	open veg
Lepidoptera	Hesperiidae	Erynnis	icelus		(Scudder & Burgess)	riparian veg
Lepidoptera	Hesperiidae	Erynnis	pacuvius	lilius	Lintner	open veg
Lepidoptera	Hesperiidae	Erynnis	persius		(Scudder)	riparian veg
Lepidoptera	Hesperiidae	Erynnis	propertius		(Scudder & Burgess)	canopy
Lepidoptera	Hesperiidae	Erynnis	tristis		(Boisduval)	canopy
Lepidoptera	Hesperiidae	Euphyes	vestris	vestris	(Boisduval)	meadow veg
Lepidoptera	Hesperiidae	Heliopetes	ericetorum		(Boisduval)	meadow veg
Lepidoptera	Hesperiidae	Hesperia	colorado		(Scudder)	meadow veg
Lepidoptera	Hesperiidae	Hesperia	columbia		(Scudder)	meadow veg
Lepidoptera	Hesperiidae	Hesperia	comma	oregonia	(Edwards)	rocky
Lepidoptera	Hesperiidae	Hesperia	juba		(Scudder)	meadow veg
Lepidoptera	Hesperiidae	Hesperia	lindseyi		(Holland)	meadow veg
Lepidoptera	Hesperiidae	Hylephila	phyleus		(Drury)	open veg
Lepidoptera	Hesperiidae	Lerodea	eufala		(Edwards)	open veg
Lepidoptera	Hesperiidae	Ochlodes	agricola	agricola	(Boisduval)	understory
Lepidoptera	Hesperiidae	Ochlodes	sylvanoides	sylvanoides	(Boisduval)	meadow veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Hesperiidae	Ochlodes	sylvanoides	orecoastus	Boisduval	meadow veg
Lepidoptera	Hesperiidae	Ochlodes	yuma		(Edwards)	open veg
Lepidoptera	Hesperiidae	Pholisora	catullus		(Fabricius)	open veg
Lepidoptera	Hesperiidae	Poanes	melane		(Edwards)	meadow veg
Lepidoptera	Hesperiidae	Polites	mardon		(Edwards)	meadow veg
Lepidoptera	Hesperiidae	Polites	sabuleti		(Boisduval)	open veg
Lepidoptera	Hesperiidae	Polites	sonora	sonora	(Scudder)	meadow veg
Lepidoptera	Hesperiidae	Polites	themistocles		(Latreille)	open veg
Lepidoptera	Hesperiidae	Pyrgus	communis		(Grote)	open veg
Lepidoptera	Hesperiidae	Pyrgus	ruralis	ruralis	(Boisduval)	open veg
Lepidoptera	Hesperiidae	Pyrgus	scriptura		(Boisduval)	meadow veg
Lepidoptera	Hesperiidae	Thorybes	diversus		Bell	understory
Lepidoptera	Hesperiidae	Thorybes	mexicana		(Herrich & Schaffer)	meadow veg
Lepidoptera	Hesperiidae	Thorybes	pylades		(Scudder)	open veg
Lepidoptera	Hesperiidae	Urbanus	dorantes		(Stoll)	meadow veg
Lepidoptera	Lasiocampidae	Malacosoma	californica		Packard	understory
Lepidoptera	Lasiocampidae	Malacosoma	constricta		Edwards	canopy
Lepidoptera	Lasiocampidae	Malacosoma	disstria		Hubner	canopy
Lepidoptera	Lasiocampidae	Phyllodesma	americana		Harris	understory
Lepidoptera	Lasiocampidae	Tolype	distincta		French	canopy
Lepidoptera	Lycaenidae	(Callophrys) Incisalia	augustinus		(Kirby)	open veg
Lepidoptera	Lycaenidae	(Callophrys) Incisalia	eryphon	eryphon	(Boisduval)	canopy
Lepidoptera	Lycaenidae	(Callophrys) Incisalia	eryphon	sheltonensis	Boisduval	canopy
Lepidoptera	Lycaenidae	(Callophrys) Incisalia	mossii	windi	(Hy. Edwards)	rocky

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Lycaenidae	(Callophrys) Incisalia	polios		(Cook & Watson)	understory
Lepidoptera	Lycaenidae	(Callophrys) Mitoura	gryneus	barryi	(Hubner)	open veg
Lepidoptera	Lycaenidae	(Callophrys) Mitoura	gryneus	nelsoni	(Hubner)	open veg
Lepidoptera	Lycaenidae	(Callophrys) Mitoura	johnsoni		(Skinner)	canopy
Lepidoptera	Lycaenidae	(Callophrys) Mitoura	muiri		(Hy. Edwards)	canopy
Lepidoptera	Lycaenidae	(Callophrys) Mitoura	nelsoni		(Boisduval)	canopy
Lepidoptera	Lycaenidae	(Callophrys) Mitoura	spinetorum	spinetorum	(Hewitson)	canopy
Lepidoptera	Lycaenidae	Agriades	cassiope		(Emmel & Emmel)	meadow veg
Lepidoptera	Lycaenidae	Agriades	rustica (podarce)		Edwards	meadow veg
Lepidoptera	Lycaenidae	Atlides	halesus	estesi	Cramer	canopy
Lepidoptera	Lycaenidae	Brephidium	exile		(Boisduval)	open veg
Lepidoptera	Lycaenidae	Callophrys	affinis		(Edwards)	open veg
Lepidoptera	Lycaenidae	Callophrys	dumetorum	dumetorum	Boisduval	open veg
Lepidoptera	Lycaenidae	Callophrys	sheridanii	lemberti	Carpenter	rocky
Lepidoptera	Lycaenidae	Callophrys	viridis	ssp.	Edwards	rocky
Lepidoptera	Lycaenidae	Celastrina	argiolus	echo	(Edwards)	open veg
Lepidoptera	Lycaenidae	Celastrina	ladon		(Cramer)	meadow veg
Lepidoptera	Lycaenidae	Euphilotes	ancilla		(Barnes & McDun.)	rocky
Lepidoptera	Lycaenidae	Euphilotes	battoides		Behr	rocky
Lepidoptera	Lycaenidae	Euphilotes	enoptes	enoptes	Mattoni	rocky
Lepidoptera	Lycaenidae	Everes	amyntula	amyntula	(Boisduval)	open veg
Lepidoptera	Lycaenidae	Everes	comyntas	comyntas	(Godart)	open veg
Lepidoptera	Lycaenidae	Glaucopsyche	lygdamus	columbia	Skinner	open veg
Lepidoptera	Lycaenidae	Glaucopsyche	piasus	piasus	Boisduval	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Lycaenidae	Habrodais	grunus	lorquini	(Boisduval)	canopy
Lepidoptera	Lycaenidae	Lycaeides	idas		(Cross)	meadow veg
Lepidoptera	Lycaenidae	Lycaeides	melissa		(Edwards)	open veg
Lepidoptera	Lycaenidae	Lycaena	arota	arota	Boisduval	open veg
Lepidoptera	Lycaenidae	Lycaena	editha	editha	Mead	meadow veg
Lepidoptera	Lycaenidae	Lycaena	gorgon		Boisduval	open veg
Lepidoptera	Lycaenidae	Lycaena	helloides	helloides	(Boisduval)	open veg
Lepidoptera	Lycaenidae	Lycaena	heteronea	heteronea	(Boisduval)	rocky
Lepidoptera	Lycaenidae	Lycaena	mariposa	mariposa	Reakirt	understory
Lepidoptera	Lycaenidae	Lycaena	nivalis	nivalis	Boisduval	meadow veg
Lepidoptera	Lycaenidae	Lycaena	nivalis	browni	dos Passos	meadow veg
Lepidoptera	Lycaenidae	Lycaena	rubidus		(Behr)	open veg
Lepidoptera	Lycaenidae	Lycaena	xanthoides	xanthoides	Boisduval	open veg
Lepidoptera	Lycaenidae	Philotes	sonorensis		(Felder & Felder)	rocky
Lepidoptera	Lycaenidae	Plebejus	idas	ricei	?	meadow veg
Lepidoptera	Lycaenidae	Plebejus	melissa	melissa	?	open veg
Lepidoptera	Lycaenidae	Plebejus	saepiolus	saepiolus	(Boisduval)	meadow veg
Lepidoptera	Lycaenidae	Plebejus (Icaricia)	acmon	acmon	(Westwood & Hewitson)	meadow veg
Lepidoptera	Lycaenidae	Plebejus (Icaricia)	icarioides	icarioides	(Boisduval)	open veg
Lepidoptera	Lycaenidae	Plebejus (Icaricia)	lupini	lupini	Boisduval	understory
Lepidoptera	Lycaenidae	Plebejus (Icaricia)	shasta		(Edwards)	meadow veg
Lepidoptera	Lycaenidae	Satyrium	auretorum		(Boisduval)	canopy
Lepidoptera	Lycaenidae	Satyrium	behrii	columbia	Edwards	understory
Lepidoptera	Lycaenidae	Satyrium	californica		Edwards	understory

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Lycaenidae	Satyrium	fuliginosa	fuliginosum	Edwards	meadow veg
Lepidoptera	Lycaenidae	Satyrium	saepium	saepium	(Boisduval)	understory
Lepidoptera	Lycaenidae	Satyrium	sylvinum		(Boisduval)	riparian veg
Lepidoptera	Lycaenidae	Satyrium	tetra		Edwards	understory
Lepidoptera	Lycaenidae	Satyrium (Harkenklenu)	titus		(Fabricius)	understory
Lepidoptera	Lycaenidae	Strymon	melinus	atrofasciatus	Hubner	open veg
Lepidoptera	Lymantriidae	Dasychira	griseifacta		Dyar	canopy
Lepidoptera	Lymantriidae	Dasychira	vagans		Barnes & McDunnough	canopy
Lepidoptera	Lymantriidae	Leucoma	salicis		Linnaeus	understory
Lepidoptera	Lymantriidae	Orgyia	antiqua		Linnaeus	understory
Lepidoptera	Lymantriidae	Orgyia	cana		Edwards	understory
Lepidoptera	Lymantriidae	Orgyia	pseudotsugata		McDunnough	canopy
Lepidoptera	Lymantriidae	Orgyia	vetusta		Boisduval	understory
Lepidoptera	Noctuidae	Abagrotis	duanca		Smith	open veg
Lepidoptera	Noctuidae	Abagrotis	errarica		(Smith)	open veg
Lepidoptera	Noctuidae	Abagrotis	glenni		Buckett	open veg
Lepidoptera	Noctuidae	Abagrotis	mirabilis		Grote	canopy
Lepidoptera	Noctuidae	Abagrotis	nefascia		(Smith)	?
Lepidoptera	Noctuidae	Abagrotis	pulchrata		Blackmore	canopy
Lepidoptera	Noctuidae	Abagrotis	rubicundis		Buckett	?
Lepidoptera	Noctuidae	Abagrotis	scopeops		Dyar	?
Lepidoptera	Noctuidae	Abagrotis	trigona		(Smith)	understory
Lepidoptera	Noctuidae	Abagrotis	variata		Grote	riparian veg
Lepidoptera	Noctuidae	Acerra	normalis		Grote	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Achytonix	epipaschia		(Grote)	canopy
Lepidoptera	Noctuidae	Achytonix	praeacuta		Smith	?
Lepidoptera	Noctuidae	Acronicta	fragilis		Guenée	understory
Lepidoptera	Noctuidae	Acronicta	funeralis		Grote & Robinson	understory
Lepidoptera	Noctuidae	Acronicta	grisea		Walker	understory
Lepidoptera	Noctuidae	Acronicta	hesperida		Smith	understory
Lepidoptera	Noctuidae	Acronicta	impleta		Walker	canopy
Lepidoptera	Noctuidae	Acronicta	impressa		Walker	understory
Lepidoptera	Noctuidae	Acronicta	innotata		Guenée	?
Lepidoptera	Noctuidae	Acronicta	leporina (vulpina)		Linnaeus	?
Lepidoptera	Noctuidae	Acronicta	lepusculina (cyanescens)		Guenée	riparian veg
Lepidoptera	Noctuidae	Acronicta	mansueta		Smith	?
Lepidoptera	Noctuidae	Acronicta	marmorata		Smith	canopy
Lepidoptera	Noctuidae	Acronicta	perdita		Grote	understory
Lepidoptera	Noctuidae	Acronicta	radcliffei		Harvey	?
Lepidoptera	Noctuidae	Adelphagrotis	indeterminata		(Walker)	canopy
Lepidoptera	Noctuidae	Adelphagrotis	stellaris		Grote	understory
Lepidoptera	Noctuidae	Agrochola	pulchella		(Smith)	?
Lepidoptera	Noctuidae	Agrochola	purpurea		Grote	open veg
Lepidoptera	Noctuidae	Agroperina	dubitans		(Walker)	open veg
Lepidoptera	Noctuidae	Agrotis	aeneipennis		Grote	open veg
Lepidoptera	Noctuidae	Agrotis	ipsilon		(Hufnagel)	open veg
Lepidoptera	Noctuidae	Agrotis	obliqua		Smith	?
Lepidoptera	Noctuidae	Agrotis	vancouverensis		Grote	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Agrotis	venerabilis		Walker	open veg
Lepidoptera	Noctuidae	Agrotis	volubilis		Harvey	open veg
Lepidoptera	Noctuidae	Aletia	oxygala		(Grote)	meadow veg
Lepidoptera	Noctuidae	Alypia	langtoni		Couper	open veg
Lepidoptera	Noctuidae	Alypia	ridingsii		Grote	?
Lepidoptera	Noctuidae	Amphipoea	americana		(Speyer)	open veg
Lepidoptera	Noctuidae	Amphipoea	keiferi		Benjamin	?
Lepidoptera	Noctuidae	Amphipoea	lunata		Smith	?
Lepidoptera	Noctuidae	Amphipoea	senilis		Smith	?
Lepidoptera	Noctuidae	Amphipyra	pyramidoides		Guenée	understory
Lepidoptera	Noctuidae	Amphipyra	tragopoginis		Clerck	open veg
Lepidoptera	Noctuidae	Anaplectoides	condita		Guenee	canopy
Lepidoptera	Noctuidae	Anaplectoides	prasina		Denis & Schiffermuller	open veg
Lepidoptera	Noctuidae	Anaplectoides	pressus		(Grote)	open veg
Lepidoptera	Noctuidae	Anathix	puta		Grote & Robinson	?
Lepidoptera	Noctuidae	Androloma	maccullochi		(Kirby)	open veg
Lepidoptera	Noctuidae	Andropolia	aedon		(Grote)	canopy
Lepidoptera	Noctuidae	Andropolia	diversilineata		Grote	understory
Lepidoptera	Noctuidae	Andropolia	theodori		(Grote)	understory
Lepidoptera	Noctuidae	Anepia	ectrapela		(Smith)	?
Lepidoptera	Noctuidae	Anhimella	contrahens		(Walker)	?
Lepidoptera	Noctuidae	Anomogyna	infimatus		(Grote)	canopy
Lepidoptera	Noctuidae	Anomogyna	mustelina		(Smith)	understory
Lepidoptera	Noctuidae	Anomogyna	vernilis		(Grote)	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Apamea	acera		Smith	?
Lepidoptera	Noctuidae	Apamea	alia		(Guenée)	?
Lepidoptera	Noctuidae	Apamea	amputatrix		(Fitch)	canopy
Lepidoptera	Noctuidae	Apamea	antennata		(Smith)	open veg
Lepidoptera	Noctuidae	Apamea	auranticolor		Grote	?
Lepidoptera	Noctuidae	Apamea	castanea		(Grote)	open veg
Lepidoptera	Noctuidae	Apamea	centralis		Smith	?
Lepidoptera	Noctuidae	Apamea	devastator		Brace	open veg
Lepidoptera	Noctuidae	Apamea	dubitans		Walker	?
Lepidoptera	Noctuidae	Apamea	lignicolora (atriclava)		Guenée	?
Lepidoptera	Noctuidae	Apamea	occidens		(Grote)	open veg
Lepidoptera	Noctuidae	Apamea	plutonia		Grote	open veg
Lepidoptera	Noctuidae	Apamea	vultuosa		Grote	?
Lepidoptera	Noctuidae	Aseptis	adnixa		(Grote)	canopy
Lepidoptera	Noctuidae	Aseptis	binotata		(Walker)	understory
Lepidoptera	Noctuidae	Aseptis	ethnica		(Smith)	understory
Lepidoptera	Noctuidae	Aseptis	fumosa		(Grote)	understory
Lepidoptera	Noctuidae	Aseptis	paviae		Strecker	?
Lepidoptera	Noctuidae	Asticta	victoria		(Grote)	open veg
Lepidoptera	Noctuidae	Autographa	ampla		Walker	canopy
Lepidoptera	Noctuidae	Autographa	californica		(Speyer)	open veg
Lepidoptera	Noctuidae	Autographa	corusca		(Strecker)	canopy
Lepidoptera	Noctuidae	Autographa	mappa		Grote & Robinson	?
Lepidoptera	Noctuidae	Autographa	metallica		Grote	?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Autographa	sansoni		Dod	?
Lepidoptera	Noctuidae	Autographa	speciosa		Ottolengui	?
Lepidoptera	Noctuidae	Autographa	v-alba		Ottolengui	?
Lepidoptera	Noctuidae	Behrensia	conchiformis		Grote	?
Lepidoptera	Noctuidae	Bleptina	caradrinalis		Guenée	litter
Lepidoptera	Noctuidae	Bomolocha	abalienalis		(Walker)	canopy
Lepidoptera	Noctuidae	Bomolocha	bijugalis		(Walker)	canopy
Lepidoptera	Noctuidae	Brachylomia	rectifascia		Smith	canopy
Lepidoptera	Noctuidae	Caenurgina	caerulea		(Grote)	meadow veg
Lepidoptera	Noctuidae	Caenurgina	erectea		(Cramer)	meadow veg
Lepidoptera	Noctuidae	Callierges	tropicalis		Shaus	?
Lepidoptera	Noctuidae	Caradrina	morpheus		Hufnagel	?
Lepidoptera	Noctuidae	Catocola	aholibah		Strecker	canopy
Lepidoptera	Noctuidae	Catocola	briseis		Edwards	understory
Lepidoptera	Noctuidae	Catocola	ilia		Cramer	canopy
Lepidoptera	Noctuidae	Catocola	ophelia		Edwards	canopy
Lepidoptera	Noctuidae	Catocola	relicta		Walker	canopy
Lepidoptera	Noctuidae	Catocola	verrilliana		Grote	canopy
Lepidoptera	Noctuidae	Cerastis	enigmatica		?	understory
Lepidoptera	Noctuidae	Cerastis	gloriosa		?	?
Lepidoptera	Noctuidae	Cissusa	indiscreta		(Hy. Edwards)	canopy
Lepidoptera	Noctuidae	Cosmia	calami		Harvey	canopy
Lepidoptera	Noctuidae	Crassivesica	bochus		Morrison	?
Lepidoptera	Noctuidae	Crymodes	devastator		(Brace)	meadow veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Cryphia	cuerva		Barnes	?
Lepidoptera	Noctuidae	Cucullia	florea		Guenee	?
Lepidoptera	Noctuidae	Cucullia	intermedia		Speyer	open veg
Lepidoptera	Noctuidae	Cucullia	postera		Guenee	?
Lepidoptera	Noctuidae	Cucullia	similaris		Smith	?
Lepidoptera	Noctuidae	Cucullia	speyeri		Lintner	?
Lepidoptera	Noctuidae	Dargida	procincta		(Grote)	meadow veg
Lepidoptera	Noctuidae	Diarsia	esurialis		(Grote)	understory
Lepidoptera	Noctuidae	Diarsia	rosaria		(Grote)	meadow veg
Lepidoptera	Noctuidae	Diarsia	rubifera		(Grote)	?
Lepidoptera	Noctuidae	Dolichocucullia	dentilinea		Smith	?
Lepidoptera	Noctuidae	Dryotype	opina		(Grote)	?
Lepidoptera	Noctuidae	Egira	cognata		Smith	canopy
Lepidoptera	Noctuidae	Egira	crucialis		(Harvey)	understory
Lepidoptera	Noctuidae	Egira	curialis		Grote	canopy
Lepidoptera	Noctuidae	Egira	februalis		Barnes & McDunnough	canopy
Lepidoptera	Noctuidae	Egira	hiemalis		(Grote)	canopy
Lepidoptera	Noctuidae	Egira	perlubens		(Grote)	?
Lepidoptera	Noctuidae	Egira	rubrica		(Harvey)	understory
Lepidoptera	Noctuidae	Egira	simplex		(Walker)	understory
Lepidoptera	Noctuidae	Egira	variabilis		Smith	canopy
Lepidoptera	Noctuidae	Eosphoropteryx	thyatyroides		(Guenée)	open veg
Lepidoptera	Noctuidae	Epidemas	cinerea		Smith	?
Lepidoptera	Noctuidae	Euplexia	benesimilis		McDunnough	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Eupsilia	tristigmata		Grote	?
Lepidoptera	Noctuidae	Eurois	astricta		Morrison	canopy
Lepidoptera	Noctuidae	Eurois	nigra		Smith	?
Lepidoptera	Noctuidae	Eurois	occulta		Linnaeus	canopy
Lepidoptera	Noctuidae	Euxoa	auripennis		Lafontaine	open veg
Lepidoptera	Noctuidae	Euxoa	auxiliaris		(Grote)	?
Lepidoptera	Noctuidae	Euxoa	comosa		(Morrison)	?
Lepidoptera	Noctuidae	Euxoa	costata		Grote	?
Lepidoptera	Noctuidae	Euxoa	declarata		Walker	?
Lepidoptera	Noctuidae	Euxoa	divergens		(Walker)	open veg
Lepidoptera	Noctuidae	Euxoa	infausta		(Walker)	?
Lepidoptera	Noctuidae	Euxoa	plagigera		(Morrison)	?
Lepidoptera	Noctuidae	Euxoa	satis		(Harvey)	open veg
Lepidoptera	Noctuidae	Euxoa	sp.			?
Lepidoptera	Noctuidae	Euxoa	tessellata		(Harris)	open veg
Lepidoptera	Noctuidae	Euxoa	vetusta		(Walker)	open veg
Lepidoptera	Noctuidae	Feltia	herilis		(Grote)	open veg
Lepidoptera	Noctuidae	Feralia	comstocki		(Grote)	canopy
Lepidoptera	Noctuidae	Feralia	deceptiva		McDunnough	canopy
Lepidoptera	Noctuidae	Feralia	februalis		Grote	canopy
Lepidoptera	Noctuidae	Fishia	evelina		(French)	understory
Lepidoptera	Noctuidae	Galgula	partita		Guenée	canopy
Lepidoptera	Noctuidae	Graphiphora	augur		Fabricius	riparian veg
Lepidoptera	Noctuidae	Hecatera	sutrina		?	?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Heliothis	phloxiphaga		Grote & Robinson	meadow veg
Lepidoptera	Noctuidae	Heliothis	zea		(Boddie)	open veg
Lepidoptera	Noctuidae	Hemeroplanis	finitima		Smith	?
Lepidoptera	Noctuidae	Homerhodes	communis		(Dyar)	riparian veg
Lepidoptera	Noctuidae	Homerhodes	hanhami		(Barnes & McDunnough)	?
Lepidoptera	Noctuidae	Homoglaea	californica		(Smith)	?
Lepidoptera	Noctuidae	Homoglaea	carbonaria		Harvey	riparian veg
Lepidoptera	Noctuidae	Homoglaea	dives		Smith	riparian veg
Lepidoptera	Noctuidae	Hydraecia	medialis		Smith	open veg
Lepidoptera	Noctuidae	Hypena	humuli		Harris	open veg
Lepidoptera	Noctuidae	Hyppa	brunneicrista		Smith	open veg
Lepidoptera	Noctuidae	Hyppa	indistincta		Smith	?
Lepidoptera	Noctuidae	Hyppa	xylinoides		Guenée	understory
Lepidoptera	Noctuidae	Idia	aemula		Hubner	litter
Lepidoptera	Noctuidae	Idia	americanalis		(Guenée)	canopy
Lepidoptera	Noctuidae	Lacanobia	dodii		(Smith)	?
Lepidoptera	Noctuidae	Lacanobia	grandis		?	?
Lepidoptera	Noctuidae	Lacanobia	lilacina		?	?
Lepidoptera	Noctuidae	Lacanobia	liquida		(Grote)	meadow veg
Lepidoptera	Noctuidae	Lacanobia	lutra		(Guenée)	canopy
Lepidoptera	Noctuidae	Lacanobia	nevadae		Grote	?
Lepidoptera	Noctuidae	Lacanobia	radix		Walker	?
Lepidoptera	Noctuidae	Lacanobia	subjuncta	eleanora	Barnes & McDunnough	canopy
Lepidoptera	Noctuidae	Lacanobia	tacoma		Strecker	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Lacinipolia	circumcincta		(Smith)	?
Lepidoptera	Noctuidae	Lacinipolia	cuneata		(Grote)	canopy
Lepidoptera	Noctuidae	Lacinipolia	davena		Smith	?
Lepidoptera	Noctuidae	Lacinipolia	illaudabilis		(Grote)	?
Lepidoptera	Noctuidae	Lacinipolia	olivacea		(Morrison)	open veg
Lepidoptera	Noctuidae	Lacinipolia	patalis		(Grote)	open veg
Lepidoptera	Noctuidae	Lacinipolia	pensilis		Grote	?
Lepidoptera	Noctuidae	Lacinipolia	rectilinea		Smith	open veg
Lepidoptera	Noctuidae	Lacinipolia	sp.	pensilis	(Grote)	?
Lepidoptera	Noctuidae	Lacinipolia	stricta		(Walker)	open veg
Lepidoptera	Noctuidae	Lacinipolia	strigicollis		(Wallengren)	?
Lepidoptera	Noctuidae	Lacinipolia	vicina		(Grote)	?
Lepidoptera	Noctuidae	Lasionycta	mutilata		Smith	?
Lepidoptera	Noctuidae	Lasionycta	perplexa		Smith	understory
Lepidoptera	Noctuidae	Lasionycta	wyatti		Barnes & Benjamin	open veg
Lepidoptera	Noctuidae	Leucania	anteoclara		Smith	?
Lepidoptera	Noctuidae	Leucania	commoides		Guenée	?
Lepidoptera	Noctuidae	Leucania	farcta		Grote	meadow veg
Lepidoptera	Noctuidae	Leucania	insueta		Guenée	meadow veg
Lepidoptera	Noctuidae	Lithacodia	albidula		(Guenée)	?
Lepidoptera	Noctuidae	Lithomoia	solidaginis		Hubner	understory
Lepidoptera	Noctuidae	Lithophane	amanda		Smith	understory
Lepidoptera	Noctuidae	Lithophane	atara		Smith	canopy
Lepidoptera	Noctuidae	Lithophane	baileyi		Grote	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Lithophane	contenta		Grote	canopy
Lepidoptera	Noctuidae	Lithophane	dilatocula		Smith	canopy
Lepidoptera	Noctuidae	Lithophane	gausapata		Grote	canopy
Lepidoptera	Noctuidae	Lithophane	georgii		Grote	understory
Lepidoptera	Noctuidae	Lithophane	innominata		(Smith)	canopy
Lepidoptera	Noctuidae	Lithophane	longior		Smith	understory
Lepidoptera	Noctuidae	Lithophane	pertorrida		McDunnough	understory
Lepidoptera	Noctuidae	Lithophane	petulca		Grote	canopy
Lepidoptera	Noctuidae	Lithophane	thaxteri		Grote	canopy
Lepidoptera	Noctuidae	Litocala	sexsignata		(Harvey)	canopy
Lepidoptera	Noctuidae	Meganola	minuscula		Zeller	canopy
Lepidoptera	Noctuidae	Melanchra	adjuncta		(Guenée)	canopy
Lepidoptera	Noctuidae	Melanchra	pulverulenta		Smith	?
Lepidoptera	Noctuidae	Melipotis	jucunda		Hubner	riparian veg
Lepidoptera	Noctuidae	Mesogona	olivata		?	understory
Lepidoptera	Noctuidae	Mesogona	rubra		?	understory
Lepidoptera	Noctuidae	Mesogona	subcuprea		?	canopy
Lepidoptera	Noctuidae	Metalepsis	cornuta		(Grote)	?
Lepidoptera	Noctuidae	Miselia	variolata		(Smith)	?
Lepidoptera	Noctuidae	Mniotype	versuta		(Smith)	?
Lepidoptera	Noctuidae	Nola	minna		Butler	open veg
Lepidoptera	Noctuidae	Nycteola	columbiana		(Hy. Edwards)	?
Lepidoptera	Noctuidae	Nycteola	frigidana		(Walker)	riparian veg
Lepidoptera	Noctuidae	Ochropleura	pecta (implecta?)		Linnaeus	riparian veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Oligia	illocata		(Guenée)	canopy
Lepidoptera	Noctuidae	Oligia	indirecta		(Grote)	meadow veg
Lepidoptera	Noctuidae	Oligia	marina		Grote	?
Lepidoptera	Noctuidae	Oligia	tonsa		(Grote)	?
Lepidoptera	Noctuidae	Oligia	violacea		Grote	?
Lepidoptera	Noctuidae	Oncocnemis	albifasciata		Hampson	?
Lepidoptera	Noctuidae	Oncocnemis	chandleri		Grote	?
Lepidoptera	Noctuidae	Oncocnemis	chorda		(Grote)	?
Lepidoptera	Noctuidae	Oncocnemis	chorda (extremis)		Grote	?
Lepidoptera	Noctuidae	Oncocnemis	columbia		McDunnough	understory
Lepidoptera	Noctuidae	Oncocnemis	dunbari		(Harvey)	open veg
Lepidoptera	Noctuidae	Oncocnemis	figurata		Harvey	?
Lepidoptera	Noctuidae	Oncocnemis	greyi		?	understory
Lepidoptera	Noctuidae	Oncocnemis	piffardi		Walker	understory
Lepidoptera	Noctuidae	Oncocnemis	ragani		Barnes	?
Lepidoptera	Noctuidae	Oncocnemis	sandaraca		Buckett & Bauer	?
Lepidoptera	Noctuidae	Oncocnemis	semicollaris		Smith	?
Lepidoptera	Noctuidae	Oncocnemis	youngi		McDunnough	understory
Lepidoptera	Noctuidae	Orthosia	arthrolita		Harvey	?
Lepidoptera	Noctuidae	Orthosia	behrensiana		Grote	?
Lepidoptera	Noctuidae	Orthosia	ferrigera		(Smith)	canopy
Lepidoptera	Noctuidae	Orthosia	hibisci		(Guenée)	understory
Lepidoptera	Noctuidae	Orthosia	mys		(Dyar)	understory
Lepidoptera	Noctuidae	Orthosia	pacifica		(Harvey)	understory

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidiae	Orthosia	praeses		(Grote)	understory
Lepidoptera	Noctuidiae	Orthosia	pulchella		(Harvey)	understory
Lepidoptera	Noctuidiae	Orthosia	revicta		(Morrison)	canopy
Lepidoptera	Noctuidiae	Orthosia	terminata		Smith	?
Lepidoptera	Noctuidiae	Orthosia	transparens		(Grote)	understory
Lepidoptera	Noctuidiae	Panthea	portlandia		(Grote)	canopy
Lepidoptera	Noctuidiae	Panthea	virginaria		(Grote)	canopy
Lepidoptera	Noctuidiae	Papaipema	insulidens		Bird	open veg
Lepidoptera	Noctuidiae	Papestra	brenda		(Barnes & McDunnough)	?
Lepidoptera	Noctuidiae	Papestra	cristifera		Walker	?
Lepidoptera	Noctuidiae	Papestra	invalida		Smith	understory
Lepidoptera	Noctuidiae	Parabagrotis	exertistigma		?	open veg
Lepidoptera	Noctuidiae	Parabagrotis	formalis		?	?
Lepidoptera	Noctuidiae	Parabagrotis	insularis		?	?
Lepidoptera	Noctuidiae	Parabagrotis	sulinaris		?	?
Lepidoptera	Noctuidiae	Peridroma	saucia		(Hubner)	open veg
Lepidoptera	Noctuidiae	Perigonica	angulata		Smith	understory
Lepidoptera	Noctuidiae	Perigonica	pectinata		Smith	canopy
Lepidoptera	Noctuidiae	Perigonica	tertia		Dyar	canopy
Lepidoptera	Noctuidiae	Phlogophora	periculosa		Guenée	understory
Lepidoptera	Noctuidiae	Phobolosia	anfracta		(Hy. Edwards)	?
Lepidoptera	Noctuidiae	Platyperigea	extima		(Walker)	?
Lepidoptera	Noctuidiae	Platyperigea	montana		Bremer	open veg
Lepidoptera	Noctuidiae	Platypolia	contadina		(Smith)	understory

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Platypolia	loda		Strecker	canopy
Lepidoptera	Noctuidae	Pleromella	opter		Dyar	understory
Lepidoptera	Noctuidae	Pleromelloida	cinerea		Smith	understory
Lepidoptera	Noctuidae	Pleromelloida	conserta		(Grote)	canopy
Lepidoptera	Noctuidae	Pleromelloida	obliquata		(Smith)	understory
Lepidoptera	Noctuidae	Polia	discalis		(Grote)	canopy
Lepidoptera	Noctuidae	Polia	nimbosa		(Guenée)	open veg
Lepidoptera	Noctuidae	Polia	nugatis (nugata)		Smith	?
Lepidoptera	Noctuidae	Polia	piniae		Buckett & Bauer	canopy
Lepidoptera	Noctuidae	Polia	purpurissata		(Grote)	understory
Lepidoptera	Noctuidae	Properigea	niveirena		(Harvey)	?
Lepidoptera	Noctuidae	Protolampra	rufipectus		Morrison	canopy
Lepidoptera	Noctuidae	Protorthodes	curtica		(Smith)	?
Lepidoptera	Noctuidae	Proxenus	miranda		?	open veg
Lepidoptera	Noctuidae	Pseudoglaea	olivata		(Harvey)	?
Lepidoptera	Noctuidae	Pseudoglaea	sp.			open veg
Lepidoptera	Noctuidae	Pseudohermonassa	flavotincta		Smith	open veg
Lepidoptera	Noctuidae	Pseudorthodes	irrorata		(Smith)	understory
Lepidoptera	Noctuidae	Pseudorthodes	virgula		(Grote)	open veg
Lepidoptera	Noctuidae	Pseudorthosia	variabilis		Grote	open veg
Lepidoptera	Noctuidae	Raphia	frater		Grote	?
Lepidoptera	Noctuidae	Rhizagrotis	cloanthoides		(Grote)	?
Lepidoptera	Noctuidae	Rhyacia	clemens		Smith	?
Lepidoptera	Noctuidae	Rhyacia	quadrangula		(Zetterstedt)	?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Rhynchagrotis	exsertistigma		(Morrison)	open veg
Lepidoptera	Noctuidae	Rhynchagrotis	insularis		(Grote)	?
Lepidoptera	Noctuidae	Schinia	acutilinea		Grote	?
Lepidoptera	Noctuidae	Schinia	amaryllis		Smith	?
Lepidoptera	Noctuidae	Schinia	aurantianca	aurantianca	Edwards	?
Lepidoptera	Noctuidae	Schinia	erosa		Smith	?
Lepidoptera	Noctuidae	Schinia	graefiana		Tepper	?
Lepidoptera	Noctuidae	Schinia	honesta		Grote	?
Lepidoptera	Noctuidae	Schinia	jaguarina		Guenee	?
Lepidoptera	Noctuidae	Schinia	mortua		Grote	?
Lepidoptera	Noctuidae	Schinia	obliqua		Smith	?
Lepidoptera	Noctuidae	Schinia	oleagina		Morrison	?
Lepidoptera	Noctuidae	Schinia	perminuta		Edwards	?
Lepidoptera	Noctuidae	Schinia	persimilis		Grote	?
Lepidoptera	Noctuidae	Schinia	pulchripennis		Grote	?
Lepidoptera	Noctuidae	Schinia	rivulosa		Guenee	?
Lepidoptera	Noctuidae	Schinia	suetus	californica	Grote	?
Lepidoptera	Noctuidae	Schinia	suetus	sierra	Grote	?
Lepidoptera	Noctuidae	Schinia	tertia		Grote	?
Lepidoptera	Noctuidae	Schinia	vacciniae		Edwards	?
Lepidoptera	Noctuidae	Schinia	walsinghami		Edwards	?
Lepidoptera	Noctuidae	Scoliopteryx	libatrix		(Linnaeus)	riparian veg
Lepidoptera	Noctuidae	Setagrotis	atrifrons		(Grote)	?
Lepidoptera	Noctuidae	Setagrotis	cinereicollis		(Grote)	?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Setagrotis	vocalis (pallidicollis)		Grote	canopy
Lepidoptera	Noctuidae	Sideridis	maryx		Guenee	?
Lepidoptera	Noctuidae	Sideridis	rosea		(Harvey)	open veg
Lepidoptera	Noctuidae	Spaelotis	bicava		?	open veg
Lepidoptera	Noctuidae	Spaelotis	havilae		Grote	open veg
Lepidoptera	Noctuidae	Spargaloma	sexpunctata		Grote	open veg
Lepidoptera	Noctuidae	Stretchia	muricana		(Grote)	open veg
Lepidoptera	Noctuidae	Stretchia	pictipennis		McDunnough	?
Lepidoptera	Noctuidae	Stretchia	plusiiformis		Edwards	understory
Lepidoptera	Noctuidae	Stretchia	sp.			?
Lepidoptera	Noctuidae	Sunira	decipiens		(Grote)	?
Lepidoptera	Noctuidae	Synedoida	adumbrata		(Behr)	open veg
Lepidoptera	Noctuidae	Synedoida	divergens		(Behr)	?
Lepidoptera	Noctuidae	Synedoida	edwardsi		Behr	open veg
Lepidoptera	Noctuidae	Synedoida	nichollae		(Hampson)	?
Lepidoptera	Noctuidae	Synedoida	ochracea		(Behr)	open veg
Lepidoptera	Noctuidae	Synedoida	sabulosa		Hy. Edwards	?
Lepidoptera	Noctuidae	Synedoida (Drasteria)	howlandi		Grote	?
Lepidoptera	Noctuidae	Synedoida (Drasteria)	hudsonica		Grote and Robinson	?
Lepidoptera	Noctuidae	Syngrapha	alias		Ottolengui	canopy
Lepidoptera	Noctuidae	Syngrapha	angulidens		Smith	canopy
Lepidoptera	Noctuidae	Syngrapha	celsa		(Hy. Edwards)	canopy
Lepidoptera	Noctuidae	Syngrapha	epigaea		(Grote)	open veg
Lepidoptera	Noctuidae	Syngrapha	ignea		Grote	?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Syngrapha	orophila		Hampson	open veg
Lepidoptera	Noctuidae	Syngrapha	rectangula		(W. Kirby)	canopy
Lepidoptera	Noctuidae	Syngrapha	selecta		(Walker)	?
Lepidoptera	Noctuidae	Syngrapha	viridisigma		(Grote)	canopy
Lepidoptera	Noctuidae	Tesagrotis	atrifrons		Grote	understory
Lepidoptera	Noctuidae	Tesagrotis	corrodera		Smith	?
Lepidoptera	Noctuidae	Tesagrotis	piscipellis		Grote	?
Lepidoptera	Noctuidae	Xanthia	togata		Esper	?
Lepidoptera	Noctuidae	Xestia	dolosa		Franclemont	open veg
Lepidoptera	Noctuidae	Xestia	finatimis		?	?
Lepidoptera	Noctuidae	Xestia	infimatis		Grote	?
Lepidoptera	Noctuidae	Xestia	mustelina		Smith	canopy
Lepidoptera	Noctuidae	Xestia	oblata	streckeri	(Barnes & Benjamin)	?
Lepidoptera	Noctuidae	Xestia	smithii		(Snellen)	open veg
Lepidoptera	Noctuidae	Xylena	brucei		Smith	?
Lepidoptera	Noctuidae	Xylena	cineritia		Grote	understory
Lepidoptera	Noctuidae	Xylena	curvimacula		(Morrison)	riparian veg
Lepidoptera	Noctuidae	Xylena	nupera		Lintner	open veg
Lepidoptera	Noctuidae	Xylena	thoracica		Putnam-Cramer	?
Lepidoptera	Noctuidae	Xylotype	arcadia		Barnes & Benjamin	canopy
Lepidoptera	Noctuidae	Zale	duplicata		Bethune	canopy
Lepidoptera	Noctuidae	Zale	lunata	salicis	(Behr)	open veg
Lepidoptera	Noctuidae	Zale	minerea		(Guenée)	canopy
Lepidoptera	Noctuidae	Zale	termina		(Grote)	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Noctuidae	Zosteropoda	hirtipes		Grote	open veg
Lepidoptera	Noctuidae	Zotheca	tranquilla		Grote	understory
Lepidoptera	Notodontidae	Clostera	albosigma		Fitch	riparian veg
Lepidoptera	Notodontidae	Clostera	apicalis		(Walker)	riparian veg
Lepidoptera	Notodontidae	Datana	ministra		Drury	canopy
Lepidoptera	Notodontidae	Furcula	cinerea		Walker	understory
Lepidoptera	Notodontidae	Furcula	modesta		Hudson	?
Lepidoptera	Notodontidae	Furcula	scolopendrina		(Boisduval)	riparian veg
Lepidoptera	Notodontidae	Gluphisia	lintneri		(Grote)	canopy
Lepidoptera	Notodontidae	Gluphisia	septentrionis		Walker	canopy
Lepidoptera	Notodontidae	Gluphisia	severa		Hy. Edwards	canopy
Lepidoptera	Notodontidae	Nadata	gibbosa		(J.E.Smith)	canopy
Lepidoptera	Notodontidae	Nadata	oregonensis		Butler	canopy
Lepidoptera	Notodontidae	Notodonta	pacifica		Behr	?
Lepidoptera	Notodontidae	Notodonta	scitipennis		Walker	canopy
Lepidoptera	Notodontidae	Oligocentria	pallida		(Strecker)	canopy
Lepidoptera	Notodontidae	Oligocentria	semirufescens		(Walker)	canopy
Lepidoptera	Notodontidae	Peridea	ferruginea		Packard	?
Lepidoptera	Notodontidae	Pheosia	portlandia		Hy. Edwards	canopy
Lepidoptera	Notodontidae	Pheosia	rimosa		Packard	canopy
Lepidoptera	Notodontidae	Phryganidia	californica		Packard	canopy
Lepidoptera	Notodontidae	Schizura	apicalis		Grote & Robinson	understory
Lepidoptera	Notodontidae	Schizura	concinna		Smith	understory
Lepidoptera	Notodontidae	Schizura	ipomoeae		Doubleday	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Notodontidae	Schizura	unicornis	conspecta	(Hy. Edwards)	understory
Lepidoptera	Nymphalidae	Adelpha	bredowii	californica	Butler	canopy
Lepidoptera	Nymphalidae	Agraulis (Dione)	vanillae		(Linnaeus)	open veg
Lepidoptera	Nymphalidae	Bolaria	epithore	chermocki	(Edwards)	open veg
Lepidoptera	Nymphalidae	Chlosyne	hoffmani	segregata	(Barnes & McDunnough)	meadow veg
Lepidoptera	Nymphalidae	Chlosyne	palla	palla	(Boisduval)	meadow veg
Lepidoptera	Nymphalidae	Euphydryas	chalcedona	colon	(Edwards)	open veg
Lepidoptera	Nymphalidae	Euphydryas	chalcedona	chalcedona	Doubleday	open veg
Lepidoptera	Nymphalidae	Euphydryas	chalcedona	macglashanii	Doubleday	open veg
Lepidoptera	Nymphalidae	Euphydryas	chalcedona		Doubleday & Hewitson	open veg
Lepidoptera	Nymphalidae	Euphydryas	editha		(Wright)	
Lepidoptera	Nymphalidae	Euphydryas	editha	rubicunda	(Wright)	rocky
Lepidoptera	Nymphalidae	Junonia	coenia		Hubner	open veg
Lepidoptera	Nymphalidae	Limenitis	lorquini	lorquini	Boisduval	riparian veg
Lepidoptera	Nymphalidae	Limenitis	lorquini	burrisonii	Maynard	riparian veg
Lepidoptera	Nymphalidae	Nymphalis	antiopa	antiopa	(Linnaeus)	riparian veg
Lepidoptera	Nymphalidae	Nymphalis	californica		(Boisduval)	open veg
Lepidoptera	Nymphalidae	Nymphalis	milberti	milberti	(Say)	meadow veg
Lepidoptera	Nymphalidae	Phyciodes	campestris (pratensis)		(Behr)	meadow veg
Lepidoptera	Nymphalidae	Phyciodes	cocyta		(Cramer)	meadow veg
Lepidoptera	Nymphalidae	Phyciodes	mylitta	mylitta	(Edwards)	open veg
Lepidoptera	Nymphalidae	Phyciodes	orseis	orseis	(Edwards)	riparian veg
Lepidoptera	Nymphalidae	Polygonia	faunus	rusticus	(Edwards)	riparian veg
Lepidoptera	Nymphalidae	Polygonia	gracilis	zephyrus	Grote & Robinson	understory

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Nymphalidae	Polygonia	oreas		(Edwards)	meadow veg
Lepidoptera	Nymphalidae	Polygonia	progne	oreas	Cramer	understory
Lepidoptera	Nymphalidae	Polygonia	satyrus	neomarsyas	dos Passos	riparian veg
Lepidoptera	Nymphalidae	Polygonia	zephyrus		(Edwards)	canopy
Lepidoptera	Nymphalidae	Speyeria	adiaste		(Edwards)	meadow veg
Lepidoptera	Nymphalidae	Speyeria	atlantis	dodgei	(Gunder)	meadow veg
Lepidoptera	Nymphalidae	Speyeria	callippe	elaine	dos Passes & Grey	open veg
Lepidoptera	Nymphalidae	Speyeria	coronis	coronis	(Behr)	open veg
Lepidoptera	Nymphalidae	Speyeria	cybele	pugetensis	Chermock & Frechin	riparian veg
Lepidoptera	Nymphalidae	Speyeria	egleis	egleis	Behr	rocky
Lepidoptera	Nymphalidae	Speyeria	hesperis		(Edwards)	meadow veg
Lepidoptera	Nymphalidae	Speyeria	hydaspe	rhodope	(Edwards)	open veg
Lepidoptera	Nymphalidae	Speyeria	mormonia		(Boisduval)	meadow veg
Lepidoptera	Nymphalidae	Speyeria	zerene	conchyllatus	Boisduval	meadow veg
Lepidoptera	Nymphalidae	Speyeria	zerene	gloriosa	Boisduval	meadow veg
Lepidoptera	Nymphalidae	Thessalia	leanira	oregonensis	Felder & Felder	open veg
Lepidoptera	Nymphalidae	Vanessa	annabella	carye	(Field)	open veg
Lepidoptera	Nymphalidae	Vanessa	atalanta	rubria	(Fruhstorfer)	riparian veg
Lepidoptera	Nymphalidae	Vanessa	virginiensis		(Drury)	open veg
Lepidoptera	Nymphalidae	Vanessa (Cynthia)	cardui		(Linnaeus)	open veg
Lepidoptera	Papilionidae	Battus	philenor	hirsuta	Linnaeus	riparian veg
Lepidoptera	Papilionidae	Papilio	eurymedon		Lucas	canopy
Lepidoptera	Papilionidae	Papilio	indra	indra	Reakirt	rocky
Lepidoptera	Papilionidae	Papilio	multicaudatus		Kirby	riparian veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Papilionidae	Papilio	rutulus	rutulus	Lucas	riparian veg
Lepidoptera	Papilionidae	Papilio	zelicaon	zelicaon	Lucas	meadow veg
Lepidoptera	Papilionidae	Parnassius	clodius		Menetries	open veg
Lepidoptera	Papilionidae	Parnassius	phoebus (smintheus)		Fabricius	meadow veg
Lepidoptera	Pieridae	Anthocharis	lanceolata		Lucas	rocky
Lepidoptera	Pieridae	Anthocharis	sara	flora	(Wright)	meadow veg
Lepidoptera	Pieridae	Anthocharis	sara	sara	Lucas	meadow veg
Lepidoptera	Pieridae	Anthocharis	stella		Lucas	open veg
Lepidoptera	Pieridae	Colias	alexandra		Edwards	meadow veg
Lepidoptera	Pieridae	Colias	eurytheme		Boisduval	meadow veg
Lepidoptera	Pieridae	Colias	occidentalis	chrysomelas	Scudder	understory
Lepidoptera	Pieridae	Colias	occidentalis	occidentalis	Scudder	understory
Lepidoptera	Pieridae	Colias	philodice	eriphyle	Godart	open veg
Lepidoptera	Pieridae	Euchloe	ausonides	ausonides	Lucas	meadow veg
Lepidoptera	Pieridae	Euchloe	hyantis	hyantis	Edwards	rocky
Lepidoptera	Pieridae	Euchloe	lotta		Beutenmueller	open veg
Lepidoptera	Pieridae	Eurema	mexicana		(Boisduval)	open veg
Lepidoptera	Pieridae	Neophasia	menapia	tau	(Scudder)	canopy
Lepidoptera	Pieridae	Neophasia	menapia	menapia	Felder & Felder	canopy
Lepidoptera	Pieridae	Phoebis	sennae		(Linnaeus)	open veg
Lepidoptera	Pieridae	Pieris	napi	castoria	Linnaeus	open veg
Lepidoptera	Pieridae	Pieris	napi	marginalis	Scudder	open veg
Lepidoptera	Pieridae	Pieris	rapae		(Linnaeus)	open veg
Lepidoptera	Pieridae	Pontia (Pieris)	beckerii		Edwards	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Pieridae	Pontia (Pieris)	occidentalis	occidentalis	Reakirt	open veg
Lepidoptera	Pieridae	Pontia (Pieris)	protodice		Boisduval & Leconte	open veg
Lepidoptera	Pieridae	Pontia (Pieris)	sisymbrii	sisymbrii	Boisduval	rocky
Lepidoptera	Pieridae	Zerene (Colias)	eurydice		(Boisduval)	open veg
Lepidoptera	Plutellidae	Plutella	xylostella		(Linnaeus)	open veg
Lepidoptera	Plutellidae	Ypsolopha	cervella		Walsingham	canopy
Lepidoptera	Pyalidae	Crambus	leachellus		(Zincken)	?
Lepidoptera	Pyalidae	Dasypyga	alternosquamella		Ragonot	canopy
Lepidoptera	Pyalidae	Dioryctria	abietivorella		(Grote)	canopy
Lepidoptera	Pyalidae	Dioryctria	albovittella		Hulst	canopy
Lepidoptera	Pyalidae	Dioryctria	auranticella		Grote	canopy
Lepidoptera	Pyalidae	Dioryctria	reniculelloides		Mutuura and Munroe	canopy
Lepidoptera	Pyalidae	Dioryctria	rossi		Munroe	canopy
Lepidoptera	Pyalidae	Ephesiodes	gilvescentella		Ragonot	?
Lepidoptera	Pyalidae	Evergestis	funalis		(Grote)	?
Lepidoptera	Pyalidae	Herpetogramma	pertextalis		(Lederer)	?
Lepidoptera	Pyalidae	Myelopsis	alatella		(Hulst)	?
Lepidoptera	Pyalidae	Myelopsis	coniella		(Ragonot)	canopy
Lepidoptera	Pyalidae	Phobus	curvatellus		(Ragonot)	?
Lepidoptera	Pyalidae	Phycitodes	albatella	mucidella	(Ragonot)	?
Lepidoptera	Pyalidae	Pima	sp.			?
Lepidoptera	Pyalidae	Pyla	fusca		(Haworth)	?
Lepidoptera	Pyalidae	Pyrausta	insequalis (subsequalis)		Guenee	open veg
Lepidoptera	Pyalidae	Pyrausta	perrubralis		(Packard)	?

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Pyralidae	Saucrobotys	fumoferalis		(Hulst)	?
Lepidoptera	Pyralidae	Scoparia	biplagialis	fernaldalis	Dyar	?
Lepidoptera	Pyralidae	Udea	itysalis		(Walker)	?
Lepidoptera	Pyralidae	Udea	profundalis		(Packard)	?
Lepidoptera	Pyralidae	Uresiphita	reversalis		(Guenee)	understory
Lepidoptera	Pyralidae	Vitula	edmandsi		(Packard)	?
Lepidoptera	Pyralidae	Vitula	sp.	lugubrella	Ragonot	?
Lepidoptera	Riodinidae	Apodemia	mormo	mormo	Felder & Felder	open veg
Lepidoptera	Saturnidae	Antheraea	polyphemus		(Cramer)	canopy
Lepidoptera	Saturnidae	Coloradia	pandora		Blake	canopy
Lepidoptera	Saturnidae	Hemileuca	eglanterina		(Boisduval)	open veg
Lepidoptera	Saturnidae	Hemileuca	hera		Harris	open veg
Lepidoptera	Saturnidae	Hemileuca	nevadensis		Stretch	canopy
Lepidoptera	Saturnidae	Hemileuca	nutalli		Strecker	open veg
Lepidoptera	Saturnidae	Hyalophora	euryalus		Boisduval	open veg
Lepidoptera	Saturnidae	Saturnia	albofasciata		Johnson	open veg
Lepidoptera	Saturnidae	Saturnia	mendocino		Behrens	open veg
Lepidoptera	Satyridae	Cercyonis	oetus	oetus	(Boisduval)	rocky
Lepidoptera	Satyridae	Cercyonis	pegala	ariane	(Eehr)	open veg
Lepidoptera	Satyridae	Cercyonis	sthenele	silvestris	(Edwards)	litter
Lepidoptera	Satyridae	Coenonympha	tullia	eryngii	Dornfeld	open veg
Lepidoptera	Satyridae	Oeneis	nevadensis	nevadensis	(Felder & Felder)	litter
Lepidoptera	Sphingidae	Agrius	cingulata		Fabricius	open veg
Lepidoptera	Sphingidae	Arctonotus	lucidus		Boisduval	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Sphingidae	Ceratomia	undulosa		Walker	canopy
Lepidoptera	Sphingidae	Erinnyis	ello		Linnaeus	open veg
Lepidoptera	Sphingidae	Eumorpha	achemon		Drury	open veg
Lepidoptera	Sphingidae	Hemaris	diffinis		(Boisduval)	open veg
Lepidoptera	Sphingidae	Hyles	lineata		(Fabricius)	open veg
Lepidoptera	Sphingidae	Manduca	quinquemaculata		Haworth	open veg
Lepidoptera	Sphingidae	Manduca	sexta		Linnaeus	open veg
Lepidoptera	Sphingidae	Pachysphinx	modesta		Harris	canopy
Lepidoptera	Sphingidae	Pachysphinx	occidentalis		Edwards	riparian veg
Lepidoptera	Sphingidae	Paonias	excaecata		Smith	understory
Lepidoptera	Sphingidae	Paonias	myops		Smith	understory
Lepidoptera	Sphingidae	Proserpinus	clarkiae		(Boisduval)	open veg
Lepidoptera	Sphingidae	Proserpinus	flavofasciata		(Walker)	open veg
Lepidoptera	Sphingidae	Smerinthus	cerisyi		Kirby	riparian veg
Lepidoptera	Sphingidae	Sphinx	chersis		(Hübner)	canopy
Lepidoptera	Sphingidae	Sphinx	drupiferarum		Smith	canopy
Lepidoptera	Sphingidae	Sphinx	perelegans		Hy. Edwards	open veg
Lepidoptera	Sphingidae	Sphinx	sequoiae		Boisduval	canopy
Lepidoptera	Sphingidae	Sphinx	vashti		Strecker	open veg
Lepidoptera	Thyatiridae	Ceranemota	crumbi		Benjamin	?
Lepidoptera	Thyatiridae	Ceranemota	fasciata		Barnes & McDunnough	?
Lepidoptera	Thyatiridae	Ceranemota	improvisa		(Hy. Edwards)	canopy
Lepidoptera	Thyatiridae	Ceranemota	semifasciata		Benjamin	?
Lepidoptera	Thyatiridae	Ceranemota	tearlei		(Hy. Edwards)	canopy

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Lepidoptera	Thyatiridae	Euthyatira	lorata		(Grote)	understory
Lepidoptera	Thyatiridae	Euthyatira	semicircularis		(Grote)	?
Lepidoptera	Thyatiridae	Habrosyne	scripta		Gosse	open veg
Lepidoptera	Thyatiridae	Pseudothyatira	cymatophoroides		Guenee	understory
Lepidoptera	Tortricidae	Choristoneura	occidentalis		Freeman	canopy
Lepidoptera	Tortricidae	Choristoneura	rosaceana		Harris	understory
Lepidoptera	Tortricidae	Ditula	angustiorana		(Haworth)	understory
Mecoptera	Boreidae	Caurinus	dectes		Russell	?
Orthoptera	Acrididae	Arphia	conspersa	conspersa	Scudder	ground
Orthoptera	Acrididae	Boonacris	alticola		Rehn & Randall	meadow veg
Orthoptera	Acrididae	Chorthippus	curtipennis		(Harris)	meadow veg
Orthoptera	Acrididae	Circotettix	shastanus		Brunner	rocky areas
Orthoptera	Acrididae	Melanoplus	devastator		Scudder	
Orthoptera	Acrididae	Melanoplus	femurrubrum		(DeGeer)	open veg
Orthoptera	Acrididae	Melanoplus	lepidus		Scudder	?
Orthoptera	Acrididae	Melanoplus	sanguinipes		(Fabricius)	meadow veg
Orthoptera	Acrididae	Melanoplus	validus		Scudder	meadow veg
Orthoptera	Acrididae	Podisma	hesparus		(Hebard)	meadow veg
Orthoptera	Acrididae	Prumnacris	rainerensis		(Caudell)	meadow veg
Orthoptera	Acrididae	Trimerotropis	fontana		Thomas	ground
Orthoptera	Acrididae	Trimerotropis	suffusa		Scudder	ground
Orthoptera	Gryllidae	Eunemobius	carolinus	neomexicanus	Scudder	open veg
Orthoptera	Gryllidae	Gryllus	veletis		(Alexander & Bigelow)	ground
Orthoptera	Gryllidae	Oecanthus	californicus		Sanssüre	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Orthoptera	Gryllidae	Oecanthus	fultoni		Walker	canopy
Orthoptera	Gryllidae	Oecanthus	rileana		Walker	?
Orthoptera	Tettigoniidae	Conocephalus	fasciatus	vicinus	(Morse)	open veg
Orthoptera	Tettigoniidae	Neduba	convexa		Caudell	canopy
Orthoptera	Tettigoniidae	Scudderia	furcata		Brunner	open veg
Orthoptera	Tettigoniidae	Steiroxys	strepens		Fulton	meadow veg
Thysanoptera	Phlaeothripidae	Adraneothrips	saturatus		Cott	litter
Thysanoptera	Phlaeothripidae	Bolothrips	sp.			canopy
Thysanoptera	Phlaeothripidae	Haplothrips	fasciculatus		(Crawford)	open veg
Thysanoptera	Phlaeothripidae	Haplothrips	niger		(Osborn)	open veg
Thysanoptera	Phlaeothripidae	Leptothrips	mali		(Fitch)	canopy
Thysanoptera	Phlaeothripidae	Leptothrips	oribates		Hood	canopy
Thysanoptera	Thripidae	Aptinothrips	rufus		(Gmelin)	litter
Thysanoptera	Thripidae	Chirothrips	aculeatus		Bagnall	meadow veg
Thysanoptera	Thripidae	Chirothrips	mexicanus		Crawford	meadow veg
Thysanoptera	Thripidae	Chirothrips	pini		Hood	?
Thysanoptera	Thripidae	Frankliniella	conspicua		Moulton	litter
Thysanoptera	Thripidae	Frankliniella	insignis		Moulton	litter
Thysanoptera	Thripidae	Frankliniella	occidentalis		(Pergande)	litter
Thysanoptera	Thripidae	Limothrips	cerealium		Haliday	meadow veg
Thysanoptera	Thripidae	Oxythrips	quercicola		Bagnall	canopy
Thysanoptera	Thripidae	Scirtothrips	sp.			canopy
Thysanoptera	Thripidae	Sericothrips	sp.			?
Thysanoptera	Thripidae	Sericothrips	variabilis		(Beach)	open veg

Forest Understory and Canopy Gap Herbivores:
Appendix H. Species List

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHORITY	HABITAT
Thysanoptera	Thripidae	Stomatothrips	brunneus		Crawford	?
Thysanoptera	Thripidae	Taeniothrips	ehrhornii		(Moulton)	open veg
Thysanoptera	Thripidae	Taeniothrips	orionis		Treherne	open veg