

Ecological Archives - A2

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815 Nice et al. 2013. A Hierarchical Perspective on the Diversity of Butterfly Species'

816 Responses to Weather in the Sierra Nevada Mountains

817 Appendix B. Listing of study species and natural history categories.

Table B1: List of species from the Donner Pass site and their classification into natural history categories. For Resident Status: NR = non-resident, R = resident. For Diapause Stage: E = egg, L = larva, P = pupa, A = adult. For Number of Broods: 1 = single brood per year, 2 = two broods per year, M = multiple broods per year. For Ruderal Status: N = non-ruderal, R = ruderal. NA indicates species that we omitted from particular analyses. (See text for details.)

Species	Resident Status	Diapause Stage	Number of Broods	Ruderal Status
<i>Adelpha bredowii californica</i>	NR	L	2	N
<i>Agriades podarce</i>	R	L	1	N
<i>Amblyscirtes vialis</i>	R	L	1	N
<i>Anthocharis sara sara</i>	R	P	1	N
<i>Anthocharis stella</i>	R	P	1	N
<i>Apodemia mormo</i>	R	L	1	N
<i>Atalopedes campestris</i>	NR	L	M	R
<i>Atlides halesus</i>	NR	P	M	N
<i>Boloria epithore</i>	R	L	1	N
<i>Brephidium exile</i>	NR	NA	M	R
<i>Callophrys sheridanii lemberti</i>	R	P	1	N
<i>Celastrina ladon echo</i>	R	P	1	N
<i>Cercyonis sthenele silvestris</i>	NR	L	1	N
<i>Chlosyne hoffmanni</i>	R	L	1	N
<i>Chlosyne palla</i>	R	L	1	N
<i>Coenonympha tullia ampelos</i>	NR	L	2	N
<i>Colias eurytheme</i>	R	L	M	R
<i>Colias eriphyle</i>	NR	L	M	R
<i>Danaus plexippus</i>	NR	A	M	R
<i>Erynnis persius</i>	R	L	2	N
<i>Erynnis propertius</i>	R	L	1	N
<i>Euchloe hyantis hyantis</i>	R	P	1	N
<i>Euphilotes battoides</i>	R	P	1	N
<i>Euphilotes enoptes</i>	R	P	1	N
<i>Everes amyntula</i>	R	L	1	N
<i>Glaucopsyche lygdamus</i>	R	P	1	N
<i>Glaucopsyche piasus</i>	NR	P	1	N
<i>Habrodais grunus</i>	NR	L	1	N
<i>Heliopetes ericetorum</i>	NR	L	M	R
<i>Hesperia colorado harpalus</i>	R	L	1	N
<i>Hesperia colorado idaho</i>	NR	L	1	N

Table B1 - Continued from previous page

Species	Resident Status	Diapause Stage	Number of Broods	Ruderal Status
<i>Hesperia juba</i>	R	A	1	N
<i>Hesperia nevada</i>	NR	L	1	N
<i>Hylephila phyleus</i>	NR	L	M	R
<i>Incisalia augustinus iroides</i>	R	P	1	N
<i>Incisalia eryphon</i>	R	P	1	N
<i>Incisalia mossii</i>	R	P	1	N
<i>Junonia coenia</i>	NR	A	M	R
<i>Leptotes marina</i>	NR	NA	M	R
<i>Limenitis lorquini</i>	R	L	2	N
<i>Lycaeides idas anna</i>	R	E	1	N
<i>Lycaeides melissa melissa</i>	R	E	1	R
<i>Lycaena arota arota</i>	R	E	1	N
<i>Lycaena cupreus</i>	R	E	1	N
<i>Lycaena editha</i>	R	E	1	N
<i>Lycaena helloides</i>	R	E	M	R
<i>Lycaena heteronea</i>	R	E	1	N
<i>Lycaena mariposa</i>	R	E	1	N
<i>Lycaena nivalis</i>	R	E	1	N
<i>Lycaena rubidus</i>	R	E	1	N
<i>Mitoura gryneus nelsoni</i>	NR	P	1	N
<i>Mitoura johnsoni</i>	R	P	1	N
<i>Mitoura spinetorum</i>	R	P	2	N
<i>Neophasia menapia</i>	R	E	1	N
<i>Nymphalis antiopa</i>	R	A	1	N
<i>Nymphalis californica</i>	R	A	1	N
<i>Nymphalis milberti</i>	NR	A	M	N
<i>Ochlodes sylvanoides</i>	R	L	1	N
<i>Oeneis chryxus ivallda</i>	NR	L	NA	N
<i>Papilio eurymedon</i>	R	P	1	N
<i>Papilio indra</i>	R	P	1	N
<i>Papilio rutulus</i>	R	P	1	N
<i>Papilio zelicaon</i>	R	P	1	N
<i>Parnassius clodius</i>	R	L	1	N
<i>Parnassius phoebus behrii</i>	NR	L	1	N
<i>Phyciodes campestris montana</i>	R	L	1	N
<i>Phyciodes mylitta</i>	R	L	M	R
<i>Phyciodes orseis herlani</i>	R	L	1	N
<i>Pieris napi</i>	NR	P	1	N
<i>Pieris rapae</i>	R	P	M	R
<i>Plebejus acmon</i>	R	L	M	R
<i>Plebejus icarioides</i>	R	L	1	N
<i>Plebejus lupini</i>	R	L	1	N
<i>Plebejus saepiolus</i>	R	L	1	N
<i>Plebejus shasta</i>	R	E	1	N
<i>Polites sabuleti sabuleti</i>	NR	L	1	R

Table B1 - *Continued from previous page*

Species	Resident Status	Diapause Stage	Number of Broods	Ruderal Status
<i>Polites sabuleti ssp.</i>	NR	L	1	N
<i>Polites sabuleti tecumseh</i>	R	L	1	N
<i>Polites sonora</i>	R	L	1	N
<i>Polygonia faunus</i>	R	A	1	N
<i>Polygonia satyrus</i>	NR	A	2	N
<i>Polygonia zephyrus</i>	R	A	2	N
<i>Pontia beckerii</i>	NR	P	M	R
<i>Pontia occidentalis</i>	R	P	M	R
<i>Pontia protodice</i>	NR	P	M	R
<i>Pontia sisymbrii</i>	R	P	1	N
<i>Pyrgus communis</i>	R	L	1	R
<i>Pyrgus ruralis</i>	R	L	1	N
<i>Satyrium behrii</i>	NR	E	1	N
<i>Satyrium californica</i>	R	E	1	N
<i>Satyrium fuliginosum fuliginosum</i>	R	E	1	N
<i>Satyrium saepium</i>	R	E	1	N
<i>Satyrium sylvinus</i>	R	E	1	N
<i>Speyeria atlantis irene</i>	R	L	1	N
<i>Speyeria coronis</i>	R	L	1	N
<i>Speyeria cybele leto</i>	R	L	1	N
<i>Speyeria egleis</i>	R	L	1	N
<i>Speyeria hydaspes</i>	NR	L	1	N
<i>Speyeria mormonia</i>	R	L	1	N
<i>Speyeria zerene</i>	R	L	1	N
<i>Strymon melinus</i>	NR	P	M	R
<i>Thorybes mexicana nevada</i>	R	L	1	N
<i>Vanessa annabella</i>	R	A	M	R
<i>Vanessa atalanta</i>	NR	A	M	N
<i>Vanessa cardui</i>	NR	A	M	R
<i>Vanessa virginiensis</i>	R	A	M	N