

HASTINGS NATURAL HISTORY RESERVATION SLIDE COLLECTION

1

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHOR	DATE	# SLIDES	COMMENTS/CORRECTIONS
Siphonaptera	Ceratophyllidae	Diamanus	montanus		Baker	1895	221	currently Oropsylla (Diamanus) montana
Siphonaptera	Ceratophyllidae	Diamanus	spp.				1	currently Oropsylla (Diamanus) spp.
Siphonaptera	Ceratophyllidae	Foxella	ignota	acuta	Stewart	1940	402	syn. of F. ignota franciscana (Roths.)
Siphonaptera	Ceratophyllidae	Foxella	ignota		(Baker)	1895	2	
Siphonaptera	Ceratophyllidae	Foxella	spp.				15	
Siphonaptera	Ceratophyllidae	Malaraeus	spp.				1	
Siphonaptera	Ceratophyllidae	Malaraeus	telchinum		Rothschild	1905	491	M. telchinus
Siphonaptera	Ceratophyllidae	Monopsyllus	forncis		Jordan	1937	57	currently Eumolpianus forncis
Siphonaptera	Ceratophyllidae	Monopsyllus	wagneri		(Baker)	1904	131	currently Aetheca wagneri
Siphonaptera	Ceratophyllidae	Monopsyllus	wagneri	ophidius	Jordan	1929	2	syn. of Aetheca wagneri
Siphonaptera	Ceratophyllidae	Opisodasys	nesiotus		Augustson	1941	2	
Siphonaptera	Ceratophyllidae	Orchopeas	sexdentatus		(Baker)	1904	134	
Siphonaptera	Ceratophyllidae	Orchopeas	sexdentatus	nevadensis	(Jordan)	1929	15	syn. of Orchopeas agilis (Baker)
Siphonaptera	Ceratophyllidae	Orchopeas	spp.				8	
Siphonaptera	Ceratophyllidae	Orchopeas	latens		(Jordan)	1925	2	
Siphonaptera	Ceratophyllidae	Orchopeas	leucopus		(Baker)	1904	2	
Siphonaptera	Ctenophthalmidae	Anomiopsyllus	falsicalifornicus		C. Fox	1919	3	
Siphonaptera	Ctenophthalmidae	Anomiopsyllus	congruens		Stewart	1940	96	incl. 38 Paratypes; syn. of A. falsicalifornicus
Siphonaptera	Ctenophthalmidae	Anomiopsyllus	spp.				42	
Siphonaptera	Ctenophthalmidae	Carteretta	carteri		C. Fox	1927	112	
Siphonaptera	Ctenophthalmidae	Corypsylla	spp.				9	
Siphonaptera	Ctenophthalmidae	Corypsylla	ornata		C. Fox	1908	2	
Siphonaptera	Ctenophthalmidae	Epitedia	stewarti		Hubbard	1940	1	
Siphonaptera	Ctenophthalmidae	Rhadinopsylla	fraterna		(Baker)	1895	3	
Siphonaptera	Ctenophthalmidae	Trirachipsylla	digitiformis		Stewart	1940	21	Paratypes; syn. of Carteretta carteri
Siphonaptera	Hystrichopsyllidae	Atyphloceras	longipalpus		Stewart	1940	14	currently A. echis longipalpus
Siphonaptera	Hystrichopsyllidae	Atyphloceras	felix		Jordan	1933	69	incl. 12 Paratypes; syn. of A. multidentatus
Siphonaptera	Hystrichopsyllidae	Atyphloceras	multidentatus		(C. Fox)	1909	69	
Siphonaptera	Hystrichopsyllidae	Atyphloceras	spp.				39	
Siphonaptera	Hystrichopsyllidae	Hystrichopsylla	linsdalei		Holland	1957	6	currently H. occidentalis linsdalei
Siphonaptera	Hystrichopsyllidae	Hystrichopsylla	spp.				2	
Siphonaptera	Hystrichopsyllidae	Hystrichopsylla	gigas	dippiei	Rothschild	1902	20	currently H. dippiei
Siphonaptera	Leptopsyllidae	Leptopsylla	segnis		(Schonherr)	1811	248	
Siphonaptera	Leptopsyllidae	Odontopsyllus	dentatus		(Baker)	1904	77	
Siphonaptera	Leptopsyllidae	Peromyscopsylla	spp.				65	
Siphonaptera	Leptopsyllidae	Peromyscopsylla	ebrighti		(C. Fox)	1926	11	
Siphonaptera	Leptopsyllidae	Peromyscopsylla	hemisphaerium		Stewart	1940	15	Paratypes; syn. of P. hesperomys adelpha
Siphonaptera	Leptopsyllidae	Peromyscopsylla	hesperomys	adelpha	(Rothschild)	1915	11	
Siphonaptera	Pulicidae	Cediopsylla	sp.				1	
Siphonaptera	Pulicidae	Cediopsylla	inaequalis	interrupta	Jordan	1925	243	
Siphonaptera	Pulicidae	Cediopsylla	inaequalis		(Baker)	1895	12	
Siphonaptera	Pulicidae	Ctenocephalides	felis		(Bouche)	1835	50	
Siphonaptera	Pulicidae	Ctenocephalides	canis		(Curtis)	1826	17	
Siphonaptera	Pulicidae	Echidnophaga	gallinacea		(Westwood)	1875	150	
Siphonaptera	Pulicidae	Echidnophaga	sp.				1	
Siphonaptera	Pulicidae	Hoplopsyllus	spp.				118	
Siphonaptera	Pulicidae	Hoplopsyllus	foxi		Ewing	1924	62	currently Euhoplopsyllus galcialis foxi
Siphonaptera	Pulicidae	Hoplopsyllus	tenuidigitus		Stewart	1940	1	Paratype; syn. of E. galcialis foxi
Siphonaptera	Pulicidae	Hoplopsyllus	affinis		(Baker)	1904	1	currently E. galcialis affinis
Siphonaptera	Pulicidae	Hoplopsyllus	anomalus		(Baker)	1904	186	
Siphonaptera	Pulicidae	Pulex	irritans		Linnaeus	1758	249	
Siphonaptera	Pulicidae	Pulex	spp.				2	
Siphonaptera		undetermined					5	
							3519	Total Siphonaptera
Phthiraptera	Enderleinellidae	Enderleinellus	suturalis		(Osborn)	1891	5	Anoplura
Phthiraptera	Hoplopleuridae	Hoplopleura	hesperomydis		(Osborn)	1891	1822	Anoplura

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHOR	DATE	# SLIDES	COMMENTS/CORRECTIONS
Phthiraptera	Hoplopleuridae	Hoplopleura	spp. (nymphs)				330	Anoplura
Phthiraptera	Hoplopleuridae	Hoplopleura	acanthopus		(Burmeister)	1838	12	Anoplura
Phthiraptera	Hoplopleuridae	Hoplopleura	arboricola		Kellogg & Ferris	1915	1	Anoplura
Phthiraptera	Menoponidae	Colpocephalum	grandiculum		Kellogg & Chapman	1899	1	Mallophaga; syn. Actornithophilus piceum (Denny, 1842)
Phthiraptera	Menoponidae	Colpocephalum	sp.				1	Mallophaga
Phthiraptera	Menoponidae	Menopon	stramineum		Nitzsch	1818	1	Mallophaga; syn. Menacanthus stramineus (Nitzsch)
Phthiraptera	Menoponidae	Myrsidea	incerta		(Kellogg)	1896	3	Mallophaga
Phthiraptera	Philopteridae	Columbicola	columbae		(Linnaeus)	1758	3	Mallophaga
Phthiraptera	Philopteridae	Degeeriella	vulgata		(Kellogg)	1896	7	Mallophaga; Brueelia vulgatus
Phthiraptera	Philopteridae	Esthiopterum	columbae		(Linnaeus)	1758	1	Mallophaga; Columbicola
Phthiraptera	Philopteridae	Goniocotes	compar		Nitzsch (error?)		1	Mallophaga; syn. Campanulotes bidentatus (Scopoli, 1763)?
Phthiraptera	Philopteridae	Goniodes	mammillatus		Rudow		2	Mallophaga
Phthiraptera	Philopteridae	Lagopoecus	californicus		(Kellogg & Chapman)	1899	1	Mallophaga
Phthiraptera	Philopteridae	Lagopoecus	docophorooides		(Piaget)	1880	3	Mallophaga; Colonicola
Phthiraptera	Philopteridae	Philopterus	cephalopus ?		Carriker	1902	1	Mallophaga; syn., Saemundssonsonia platygaster (Denny, 1842)
Phthiraptera	Philopteridae	Philopterus	corvi		(Osborn)	1896	3	Mallophaga; syn. P. ocellatus (Scopoli, 1763)
Phthiraptera	Philopteridae	Philopterus	subflavescens		Geoffrey		4	Mallophaga
Phthiraptera	Polyplacidae	Fahrenholzia	tribulosa		Ferris	1922	15	Anoplura
Phthiraptera	Polyplacidae	Neohaematopinus	spp.				4	Anoplura
Phthiraptera	Polyplacidae	Neohaematopinus	laeviusculus		(Grube)	1851	12	Anoplura; syn. Linognathoides laeviusculus
Phthiraptera	Polyplacidae	Neohaematopinus	neotomae		Ferris	1942	19	Anoplura / Paratypes
Phthiraptera	Polyplacidae	Neohaematopinus	pacificus		Kellogg & Ferris	1915	1	Anoplura
Phthiraptera	Polyplacidae	Polyplax	auricularis		Kellogg & Ferris	1915	323	Anoplura
Phthiraptera	Polyplacidae	Polyplax	spp. (nymphs)				226	Anoplura
Phthiraptera	Polyplacidae	Polyplax	absctica		Fahrenholz	1938	1	Anoplura; syn. P. alaskensis Ewing
Phthiraptera	Polyplacidae	Polyplax	spinulosa		(Burmeister)	1839	18	Anoplura
Phthiraptera	Trichodectidae	Trichodectes	geomydis		Osborn	1891	26	Mallophaga; Geomydoecus
Phthiraptera		undetermined					146	
							2993	Total Phthiraptera
Hemiptera	Aphididae	Amphorophora	urtica		Essig	1942	1	
Hemiptera	Aphididae	Aphis	rumicis		Linnaeus	1758	25	
Hemiptera	Aphididae	Aphis	medicaginis		Koch	1854	9	
Hemiptera	Aphididae	Aphis	gossypii		Glover	1877	5	
Hemiptera	Aphididae	Aphis	spp.				5	
Hemiptera	Aphididae	Aphis	sambucifoliae		Fitch	1857	3	jr.syn., A. sambuci Linn.
Hemiptera	Aphididae	Capitophorus	spp.				3	
Hemiptera	Aphididae	Clavigerus	bicolor		(Oestlund)	1887	4	Pterocomma
Hemiptera	Aphididae	Macrosiphum	solanifolii		Ashmead	1882	2	jr.syn., M. euphorbiae (Thomas, 1878)
Hemiptera	Aphididae	Macrosiphum	rosae		(Linnaeus)	1758	8	
Hemiptera	Aphididae	Macrosiphum	pisi		(Haris)	1776	5	Acyrtosiphon pisum (Harris, 1776)
Hemiptera	Aphididae	Macrosiphum	rhamni		(Clarke)	1903	6	Sitobion
Hemiptera	Aphididae	Macrosiphum	ludoviciana		(Oestlund)	1886	11	Macrosiphoniella
Hemiptera	Aphididae	Macrosiphum	granarium		(Kirby)	1798	6	jr.syn., Sitobion avenae (Fab., 1775)
Hemiptera	Aphididae	Macrosiphum	californicum		(Clarke)	1903	8	
Hemiptera	Aphididae	Myzocallis	robiniae		(Gillette)	1907	10	Appendiseta
Hemiptera	Aphididae	Myzus	solani		(Kaltenbach)	1843	9	Aulacorthum
Hemiptera	Aphididae	Myzus	persicae		(Sulzer)	1776	3	
Hemiptera	Aphididae	Obtusicauda	essigi		Soliman	1927	4	
Hemiptera	Aphididae	Periphyllus	populicola		(Thomas)	1878	13	Chaitophorus populicola Thomas
Hemiptera	Aphididae	Rhopalosiphum	prunifolae		(Fitch)	1855	1	jr.syn., R. padi (Linn., 1758)
Hemiptera	Aphididae	Rhopalosiphum	conii		(Davidson)	1909	9	jr.syn., Hyadaphis foeniculi (Passerini, 1860)
Hemiptera	Aphididae	Stegophylla	quercifoliae		(Gillette)	1914	8	
Hemiptera	Aphididae	Symydobius	salicorticis		Essig	1912	1	jr.syn., Chaitophorus macrostachyae (Essig, 1912)
Hemiptera	Aphididae	Thecabius	populimonilis		(Riley)	1879	10	

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHOR	DATE	# SLIDES	COMMENTS/CORRECTIONS
Hemiptera	Aphididae	undetermined					36	
							205	Total Aphididae
Hemiptera	Psyllidae						3	Total Psyllidae
Thysanoptera	Aeolothripidae	Ankothrips	notabilis		Bailey	1940	3	
Thysanoptera	Aeolothripidae	Ankothrips	robustus		Crawford	1909	2	
Thysanoptera	Aeolothripidae	Ankothrips	aequalis		Moulton	1926	5	
Thysanoptera	Aeolothripidae						2	
Thysanoptera	Phloeothripidae						14	
Thysanoptera	Thripidae	Anaphothrips	secticornis		(Trybom)	1896	2	Apterothrips
Thysanoptera	Thripidae	Frankliniella	occidentalis		(Pergande)	1895	5	
Thysanoptera	Thripidae	Frankliniella	californicus		(Moulton)	1911	5	jr.syn., F. occidentalis Pergande
Thysanoptera	Thripidae	Taeniothrips	ehrhorni		(Moulton)	1907	3	
Thysanoptera	Thripidae						21	
Thysanoptera		undetermined					9	
							71	Total Thysanoptera
Psocoptera	Atropidae						1	
Psocoptera	Psocidae						6	
Psocoptera	undetermined						5	
							12	Total Psocoptera
Collembola	undetermined						19	Total Collembola
Diplura	Campodeidae	Campodea					6	Total Diplura
Isoptera	undetermined						1	Total Isoptera
Diptera	undetermined						1	Total Diptera
Lepidoptera	undetermined						1	Total Lepidoptera
Coleoptera	Dermestidae						10	
Coleoptera	unidentified						2	
							12	Total Coleoptera
Acari: Actinedida	Eriophyidae						21	S.O. Eleutherengona, S.F. Eriophyoidea
Acari: Actinedida	Myobiidae						2	S.O. Eleutherengona, S.F. Cheyletoidea
Acari: Actinedida	Trombiculidae	"chigger"					6	S.O. Parasitengona, S.F. Trombiculoidea
Acari: Actinedida	Trombiculidae	Leptotrombidium	sp.				1	S.O. Parasitengona, S.F. Trombiculoidea
Acari: Astigmata	Glycyphagidae	Labidophorus					1	S.O. Acaridia, S.F. Glycyphagoidea
Acari: Astigmata							1	S.O. Acaridia
Acari: Gamasida	Laelapidae	Eubrachylaelaps	circularis				1	Cyclolaelaps
Acari: Gamasida	Laelapidae	Haemolaelaps	glasgowi				4	on slides w/Hirstionyssus occidentalis
Acari: Gamasida	Laelapidae	Hirstionyssus	spp.				19	S.O. Dermanyssina, S.F. Dermanyssoidea
Acari: Gamasida	Laelapidae	Hirstionyssus	isabellinus				1	
Acari: Gamasida	Laelapidae	Hirstionyssus	laticutatus				4	
Acari: Gamasida	Laelapidae	Hirstionyssus	neotomae				1	
Acari: Gamasida	Laelapidae	Hirstionyssus	breviseta				1	
Acari: Gamasida	Laelapidae	Hirstionyssus	perognathi				7	
Acari: Gamasida	Laelapidae	Hirstionyssus	occidentalis				24	4 on slides w/Haemolaelaps glasgowi
Acari: Gamasida	Laelapidae	Hirstionyssus	utahensis				1	
Acari: Gamasida	Laelapidae						2	
Acari: "Mesostigmata"							11	Gamasida
Acari		undetermined					26	plant hosts
Acari		undetermined					43	animal hosts (birds, mammals, bees)

HASTINGS NATURAL HISTORY RESERVATION SLIDE COLLECTION

ORDER	FAMILY	GENUS	SPECIES	SUBSPECIES	AUTHOR	DATE	# SLIDES	COMMENTS/CORRECTIONS
							177	Total Acari
Symphyla	Scutigera	immaculata					1	Total Symphyla
Pseudoscorpionida		Aglaochitra	rex		Chamberlin		1	Paratype
Pseudoscorpionida		Dinocheirus	sicarius		Chamberlin		2	Paratypes
Pseudoscorpionida		Microcreagris	theveneti		(Simon)		2	
Pseudoscorpionida		Parachelifer	scabriculus		(Simon)		2	
							7	Total Pseudoscorpionida
							7033	GRAND TOTAL