

Athabasca Butterfly Counts 1999-2001

Common Name	Adults			Scientific Name	Family	Subfamily	Acorn 1993	Bird et al. 1995	Lay-berry et al. 1998	AU Col- lec-tion	Comments
	26 June 1999 Count	2 July 2000 Count	15 July 2001 Count								
Canadian Tiger Swallowtail	11	3	1	<i>Papilio canadensis</i>	Papilionidae	Papilioninae	45	105	87-88	Yes	Common
Old World Swallowtail				<i>Papilio machaon</i>	Papilionidae	Papilioninae	49	99	84		Usually uncommon
Anise Swallowtail				<i>Papilio zelicaon</i>	Papilionidae	Papilioninae	---	102-103	85		
Swallowtail - unknown				<i>Papilio sp.</i>	Papilionidae	Papilioninae					
Christina's Sulphur				<i>Colias christina</i>	Pieridae	Coliadae	---	136-137	106-107		Open areas, along roadsides, where legumes grow
Orange (Alfalfa) Sulphur			9	<i>Colias eurytheme</i>	Pieridae	Coliadae	61	138	104-105		Feeds on clover and alfalfa
Giant Sulphur			9	<i>Colias gigantea</i>	Pieridae	Coliadae	59	139	111-112		Moist areas with willows
Pink-edged Sulphur				<i>Colias interior</i>	Pieridae	Coliadae	59	141	113	Yes	Feeds on blueberries
Clouded Sulphur	1		10	<i>Colias philodice</i>	Pieridae	Coliadae	58	146	103	Yes	Feeds on legumes, especially clover and alfalfa
Large Marble	2			<i>Euchleo ausonides</i>	Pieridae	Pierinae	56	129	98-99	Yes	Open forests, especially pines
Northern Marble				<i>Euchleo creusa</i>	Pieridae	Pierinae	56	131	100		Feeds on mustards (Brassicaceae)
Mustard White			3	<i>Pieris oleracea (formerly napi)</i>	Pieridae	Pierinae	54	119	96		Feeds on mustards (Brassicaceae)
Cabbage White	1		31	<i>Pieris rapae</i>	Pieridae	Pierinae	55	121	97	Yes	Feeds on mustards (Brassicaceae), especially cabbage
Western White		2		<i>Pontia occidentalis</i>	Pieridae	Pierinae	53	123	94		Feeds on mustards (Brassicaceae)
Checkered White				<i>Pontia protodice</i>	Pieridae	Pierinae	53	125	93-94	Yes	Feeds on mustards (Brassicaceae)
Pierid - unknown					Pieridae						
Dorcas Copper	1			<i>Lycaena dorcas (includes dospassosi)</i>	Lycaenidae	Lycaeninae	64-65	158	125-126		Feeds on Shrubby Cinquefoil (Potentilla fruticosa)
Purplish Copper				<i>Lycaena helloides</i>	Lycaenidae	Lycaeninae	64-65	159	127		Common
Bronze Copper				<i>Lycaena hylus (= thoe)</i>	Lycaenidae	Lycaeninae	64-65	164	122-123		Uncommon
Mariposa (Reakert's) Copper				<i>Lycaena mariposa</i>	Lycaenidae	Lycaeninae	64-65	160	128		Frequently on Shrubby Cinquefoil (Potentilla fruticosa)
Arctic (Rustic) Blue				<i>Agriades [Plebejus] glandon (includes franklinii, rusticus)</i>	Lycaenidae	Polyommatae	76	197-198	162		Feeds on Primulaceae, Fabaceae, Saxifragaceae
Spring Azure				<i>Celastrina ladon (= argiolus)</i>	Lycaenidae	Polyommatae	72	186	152-153	Yes	Feeds on Prunus, Vaccinium, Viburnum species

Athabasca Butterfly Counts 1999-2001

Common Name	Adults			Scientific Name	Family	Subfamily	Acorn 1993	Bird et al. 1995	Lay-berry et al. 1998	AU Col- lec-tion	Comments
	26 June 1999 Count	2 July 2000 Count	15 July 2001 Count								
Western Tailed-Blue	14	25	7	<i>Everes amyntula</i>	Lycaenidae	Polyommatae	73	189	151-152	Yes	Forest edges, clearings, shrubby areas
Silvery Blue	12	4	16	<i>Glaucopsyche lygdamus</i>	Lycaenidae	Polyommatae	74	191	156	Yes	Feeds on Fabaeae (vetchs, clover, alfalfa)
Northern Blue		3		<i>Lycaeides idas (= argyrignomon)</i>	Lycaenidae	Polyommatae	78	194	157		Feeds on Fabaeae (vetchs, clover, alfalfa)
Greenish Blue	19		3	<i>Plebejus saepiolus</i>	Lycaenidae	Polyommatae	75	203	158-159	Yes	Roadside clover
Cranberry Blue				<i>Vacciniina optilete</i>	Lycaenidae	Polyommatae	---	204	161		Larvae feed on Ericaceae, especially blueberry and cranberry
Brown Elfin				<i>Callophrys (Incisalia) augustinus (=augustus)</i>	Lycaenidae	Theclinae	68-69	172	141-142	Yes	Found near bogs and edges of dry woods, adults feed on bearberry flowers.
Western Pine Elfin				<i>Callophrys (Incisalia) eryphon</i>	Lycaenidae	Theclinae	68-69	175	146-147		Around pine trees.
Eastern Pine Elfin				<i>Callophrys (Incisalia) niphon</i>	Lycaenidae	Theclinae	68-69	176	145-146		Around pine trees.
Hoary Elfin				<i>Callophrys (Incisalia) polios</i>	Lycaenidae	Theclinae	68-69	174	143		Not in NABA checklist?
Striped Hairstreak				<i>Satyrium liparops</i>	Lycaenidae	Theclinae	70	181-182	134-135		Not usually common
Coral Hairstreak				<i>Satyrium (Harkenclenus) titus</i>	Lycaenidae	Theclinae	71	170-171	132		Feeds on wild plums and cherries (Prunus spp.), also Saskatoon
Blue - unknown		6	3		Lycaenidae						
Lycaenthid - unknown					Lycaenidae						
Meadow Fritillary	2		3	<i>Boloria bellona (= toddi)</i>	Nymphalidae	Arynninae	90-91	234	177	Yes	Slow, zig-zag flight
Arctic (formerly with Purple or Titania) Fritillary				<i>Boloria chariclea (formerly with titania)</i>	Nymphalidae	Arynninae	90-93	235	183		Feeds on willows
Bog Fritillary		1		<i>Boloria eunomia</i>	Nymphalidae	Arynninae	89	237-238	176		In bogs
Freija Fritillary				<i>Boloria freija</i>	Nymphalidae	Arynninae	92-93	239	180	Yes	Feeds on blueberry and bearberry
Frigga Fritillary				<i>Boloria frigga</i>	Nymphalidae	Arynninae	90-91	240	178		Willow swamps and sphagnum bogs
Silver-bordered Fritillary	5		5	<i>Boloria selene</i>	Nymphalidae	Arynninae	89	244	176-177	Yes	Meadows and bog margins at asters and daisies
Boloria species		1		<i>Boloria species</i>							
Variagated Fritillary				<i>Euptoieta claudia</i>	Nymphalidae	Arynninae	84	245-246	166-167		Cultivated fields, especially flax
Aphrodite Fritillary			1	<i>Speyeria aphrodite</i>	Nymphalidae	Arynninae	86	247-248	168-169		Open meadows

Athabasca Butterfly Counts 1999-2001

Common Name	Adults			Scientific Name	Family	Subfamily	Acorn 1993	Bird et al. 1995	Lay-berry et al. 1998	AU Col- lec-tion	Comments
	26 June 1999 Count	2 July 2000 Count	15 July 2001 Count								
Atlantis Fritillary			7	<i>Speyeria atlantis (includes electra, but not hesperis)</i>	Nymphalidae	Arynninae	86	249	172	Yes	Visits flowers. See also S. electra.
Great Spangled Fritillary			36	<i>Speyeria cybele</i>	Nymphalidae	Arynninae	85	253	168		Open fields and ditches
Northwestern? Fritillary			1	<i>Speyeria electra</i>	Nymphalidae	Arynninae		249-250			See Atlantis Fritillary. Identified by Felix Sperling
Northwestern Fritillary	1		3	<i>Speyeria hesperis</i>	Nymphalidae	Arynninae	---	---	173		See Atlantis Fritillary
Unknown Fritillary			24		Nymphalidae	Arynninae					
Mormon Fritillary				<i>Speyeria mormonia</i>	Nymphalidae	Arynninae	88	257	174-175	Yes	Dry open forests of aspen and spruce
Monarch				<i>Danaus plexippus</i>	Nymphalidae	Danainae	112	311-313	237-238		Rare in northern Alberta
Viceroy				<i>Limenitis archippus</i>	Nymphalidae	Limenitidinae	111	275	209-210		Wet areas with willows
White Admiral	3		26	<i>Limenitis arthemis</i>	Nymphalidae	Limenitidinae	109	276	208-209	Yes	Willows, Populus
Gorgone Checkerspot				<i>Chlosyne gorgone</i>	Nymphalidae	Melitaeinae	96-97	263	184-185		Dry areas, feeds on sunflowers and asters
Tawny Crescent				<i>Phyciodes batesii</i>	Nymphalidae	Melitaenae	96-97	270	190-191		Damp areas with sparse vegetation
Northern Crescent (Pearl Crescent now another species)	60	37	70	<i>Phyciodes selenis (= cocyta, morpheus, pascoensis)</i>	Nymphalidae	Melitaenae	94	271	190	Yes	Feeds on asters; orange rather than black on ventral tips of antennae
Mourning Cloak				<i>Nymphalis antiopa</i>	Nymphalidae	Nymphalinae	105	215	203-204	Yes	Parks and gardens
Milbert's Tortoiseshell		1	13	<i>Nymphalis milberti</i>	Nymphalidae	Nymphalinae	104	214	204	Yes	Adults feed on sap, rotting fruit, dung and nectar
Compton's Tortoiseshell	1		1	<i>Nymphalis vaualbum</i>	Nymphalidae	Nymphalinae	106	218	202	Yes	Willow, birch, poplar
Green Comma			1	<i>Polygonia faunus</i>	Nymphalidae	Nymphalinae	102-103	219	199		Birch, willow, alder, blueberries
Hoary Comma				<i>Polygonia gracilis (includes zephyrus)</i>	Nymphalidae	Nymphalinae	102-103	221	200		Currents, elm
Gray Comma				<i>Polygonia progne</i>	Nymphalidae	Nymphalinae	102-103	224	201-202		Adults feed on sap, carrion and dung
Satyr Comma (Anglewing)			1	<i>Polygonia satyrus</i>	Nymphalidae	Nymphalinae	101	225	198-199		Nettles
Red Admiral			1	<i>Vanessa atalanta</i>	Nymphalidae	Nymphalinae	108	228	206-207		At flowers in all habitats
Painted Lady			3	<i>Vanessa cardui</i>	Nymphalidae	Nymphalinae	107	229	205-206	Yes	Feeds on Asteraceae and composites (e.g. thistles, knapweed, sunflower, burdock)
American Lady				<i>Vanessa virginiensis</i>	Nymphalidae	Nymphalinae	107	230	205		Rare in west
Small (Dark) Wood-Nymph				<i>Cercyonis oetus</i>	Nymphalidae	Satyrinae	---	285-286	219		Rare in north, in prairie habitats
Common Wood-Nymph			20	<i>Cercyonis pegala</i>	Nymphalidae	Satyrinae	114	287	217-218		Grasses

Athabasca Butterfly Counts 1999-2001

Common Name	Adults			Scientific Name	Family	Subfamily	Acorn 1993	Bird et al. 1995	Lay-berry et al. 1998	AU Col- lec-tion	Comments
	26 June 1999 Count	2 July 2000 Count	15 July 2001 Count								
Common Ringlet	1	9	37	<i>Coenonympha tullia (includes inornata, ochracea, ampelos, californica)</i>	Nymphalidae	Satyrinae	113	288	215-216	Yes	Grassy habitats including ditches and bogs; may have a spot on front wing
Northern Pearly-eye				<i>Enodia anthedon</i>	Nymphalidae	Satyrinae	---	283	213		Unlikely to be collected; mixed wooded areas later in day
Red-disked Alpine				<i>Erebia discoidalis</i>	Nymphalidae	Satyrinae	118	293	224	Yes	Moist grassy prairies and bogs, also Jack-Pine forest
Common Alpine	10	3	3	<i>Erebia epipsodea</i>	Nymphalidae	Satyrinae	117	294	227	Yes	Grassy meadows
Taiga (Boreal) Alpine				<i>Erebia (Disa) mancinus</i>	Nymphalidae	Satyrinae	117	291	221-222		Bogs on tree trunks; formerly subspecies of <i>E. disa</i> ; flies slowly compared with <i>Jutta</i>
Chryxus Arctic				<i>Oeneis chryxus</i>	Nymphalidae	Satyrinae	123	301	230		Grassy meadows
Jutta Arctic				<i>Oeneis jutta</i>	Nymphalidae	Satyrinae	121	303	233	Yes	Dry grassy areas and pine woods; strong flier
Macoun's Arctic				<i>Oeneis macounii</i>	Nymphalidae	Satyrinae	121	305	229-230		Sedges and grasses
Uhler's Arctic				<i>Oeneis uhleri</i>	Nymphalidae	Satyrinae	119	309	231		Hilltops with bunch grasses, clearings in woods
Common Roadside Skipper	1		4	<i>Amblyscirtes vialis</i>	Hesperiidae	Hesperiinae	42	59	75		Roadside margins in wooded areas
Plains Skipper				<i>Hesperia assiniboia</i>	Hesperiidae	Hesperiinae	---	63-64	54		See <i>H. comma</i> (below)
Common Branded Skipper				<i>Hesperia comma</i>	Hesperiidae	Hesperiinae	35-36	63-64	52-53		Grassy roadsides and clearings
Garita Skipperling				<i>Oarisma garita</i>	Hesperiidae	Hesperiinae	32-33	69	48-49		Native grasses
Hobomok Skipper				<i>Poanes hobomok</i>	Hesperiidae	Hesperiinae	---	71	67-68		Raspberries, old fields, AB-SK border
Long Dash Skipper	5	2	9	<i>Polites mystic</i>	Hesperiidae	Hesperiinae	38-39	73	61	Yes	Moist meadows and roadsides on flowers
Peck's Skipper	9		5	<i>Polites peckius (=coras)</i>	Hesperiidae	Hesperiinae	38-39	74	58-59	Yes	Pea family plants and grassy areas
Tawny-edged Skipper				<i>Polites themistocles</i>	Hesperiidae	Hesperiinae	40	76	60		Uncommon in west, grasses
European Skipper				<i>Thymelicus lineola</i>	Hesperiidae	Hesperiinae	41	77	49-50		Introduced; Timothy grass, city parks
Arctic Skipper	2	1		<i>Carterocephalus palaemon</i>	Hesperiidae	Pyrgine	34	78-79	46	Yes	Forest clearings, flowers of pea family
Silver-spotted Skipper				<i>Epargyreus clarus</i>	Hesperiidae	Pyrgine	26	80-81	31-32		Unlikely to be collected, Fabaceae

Athabasca Butterfly Counts 1999-2001

Common Name	Adults			Scientific Name	Family	Subfamily	Acorn 1993	Bird et al. 1995	Lay-berry et al. 1998	AU Col- lec-tion	Comments
	26 June 1999 Count	2 July 2000 Count	15 July 2001 Count								
Dreamy Duskywing				<i>Erynnis icelus</i>	Hesperiidae	Pyrgine	28-29	83	36	Yes	Moist willows
Persius Duskywing				<i>Erynnis persius</i>	Hesperiidae	Pyrgine	28-29	84	42-43		Fabaceae and Salicaceae, open forests
Grizzled Checkered-Skipper				<i>Pyrgus centaureae</i>	Hesperiidae	Pyrgine	30-31	87-88	43-44		Meadows, bogs, clearings
Common Checkered-Skipper				<i>Pyrgus communis</i>	Hesperiidae	Pyrgine	30-31	89	45		Malvaceae in dry habitats, pine woods
Northern Cloudywing	7	1		<i>Thorybes pylades</i>	Hesperiidae	Pyrgine	27	92	34	Yes	On Fabaceae flowers in partially wooded areas
Skipper - unknown					Hesperiidae						
Total adults counted	168	99	366							31	
Total species observed this year	21	13	31								
New species to area this year	21	4	12								
Total species found in area	21	25	37								