

# 2021 - Alberta Species List

Last Updated Dec. 21, 2024

Order	Family	Genus/species	Common Name	Stage	Locality	Date Range of Records		# Observed in 2021	Observer
						First	Last		
Coleoptera	Attelabidae	Merhynchites bicolor	Rose Curculio	Adult	Cremona	June 28, 2021		1	RB
Coleoptera	Carabidae	Cicindela longilabris	Long-lipped Tiger Beetle	Adult	Cobble Flats	July 8, 2021	August 13, 2021	3	RB
Coleoptera	Coccinellidae	Adalia bipunctata	Two-spotted Ladybug	Adult	Calgary	May 14, 2021		1	RB
Coleoptera	Coccinellidae	Coccinella septempunctata	Sevenspot Ladybug	Adult	Calgary, Cremona	April 3, 2021	June 28, 2021	7	RB
Coleoptera	Coccinellidae	Hippodamia parenthesis	Parenthesis Ladybug	Adult	Calgary	April 17, 2021		1	RB
Coleoptera	Coccinellidae	Mulsantina picta	Painted Lady Beetle	Adult	Baril Creek	August 22, 2021		1	RB
Coleoptera	Cerambycidae	Arhopalus foveicollis	Pitted Longhorn Beetle	Adult	Calgary (Bridlewood)	July 6, 2021		1	RB
Coleoptera	Cerambycidae	Grammoptera subargentata	Longhorn Beetle	Adult	Water Valley	June 28, 2021	July 5, 2021	2	RB
Coleoptera	Cerambycidae	Cosmosalia chrysocoma	Yellow Velvet Beetle	Adult	Powderface Trail	July 5, 2021		1	RB
Coleoptera	Curculionidae	Polydrusus impressifrons	Pale Green Weevil	Adult	Calgary (Bridlewood)	July 2, 2021		1	RB
Coleoptera	Melyridae	Malachius aeneus	Scarlett Malachite Beetle	Adult	Calgary	June 18, 2021	July 2, 2021	2	RB
Coleoptera	Orsodacnidae	Orsodacne atra	Orsodacnid Beetle	Adult	Calgary, Water Valley	June 5, 2021	June 28, 2021	4	RB
Coleoptera	Scarabaeidae	Trichiotinus assimilis	Flower Chafer	Adult	Cold Lake	August 4, 2021		1	RB
Diptera	Bibionidae		March Fly	Adult	Calgary	June 3, 2021		1	RB
Diptera	Dolichopodidae		Long-legged Fly	Adult	Calgary	June 11, 2021		1	RB
Diptera	Syrphidae	Eristalis dimidiata	White-banded Flower Fly	Adult	James River Bridge, Stauffer	July 1, 2021		2	RB
Diptera	Syrphidae	Eristalis tenax	Drone Fly	Adult	Calgary	Sept. 21, 2021		1	RB
Hemiptera	Anthcoridae		Minute Pirate Bug	Adult	Calgary	June 19, 2021		1	RB
Hemiptera	Belostomatidae	Lethocerus americanus	Giant Waterbug	Adult	Policeman's Flats, Cold Lake	January 23, 2021		2	SD, RB
Hemiptera	Cicadellidae	Cuerna striata	Leafhopper	Adult	Calgary	June 2, 2021		1	RB
Hemiptera	Corixidae		Water Boatman	Adult	Calgary	August 7, 2021		1	RB
Hemiptera	Miridae	Lygus lineolaris	Tarnished Plant Bug	Adult	Calgary	August 7, 2021	August 12, 2021	3	RB
Hemiptera	Notonectidae		Backswimmer	Adult	Cold Lake	August 5, 2021		1	RB
Hemiptera	Pentatomidae	Cosmopepla bimaculata	Wee Harlequin Bug	Adult	Calgary	July 9, 2021		1	RB
Hemiptera	Pentatomidae	Perillus bioculatus	Two-spotted Stink Bug	Adult	High River	February 8, 2021		1	JB
Hemiptera	Phymatidae	Phymata americana americana	Ambush Bug	Adult	Dalemead Lake, Cold Lake	July 4, 2021	August 6, 2021	7	RB
Hymenoptera	Apidae	Apis mellifera	Honey Bee	Adult	Calgary	April 3, 2021		2	RB
Hymenoptera	Apidae	Bombus borealis	Northern Amber Bumble Bee	Adult	Cold Lake	August 5, 2021		1	RB
Hymenoptera	Apidae	Bombus frigidus	Frigid Bumblebee	Adult	Cobble Flats	July 8, 2021		1	RB
Hymenoptera	Apidae	Bombus huntii	Hunt's Bumble Bee	Adult	Calgary	May 14, 2021	August 25, 2021	2	RB
Hymenoptera	Apidae	Bombus moderatus	White-tailed Bumble Bee	Adult	Calgary, Cold Lake	May 11, 2021	August 21, 2021	3	RB
Hymenoptera	Apidae	Bombus nevadensis	Nevada Bumble Bee	Adult	Calgary, Water Valley, McKinnon Flats	June 12, 2021	July 18, 2021	4	RB
Hymenoptera	Apidae	Bombus perplexus	Perplexing Bumblebee	Adult	Calgary	May 14, 2021		1	RB
Hymenoptera	Apidae	Bombus vagans	Half Black Bumble Bee	Adult	Cold Lake	August 2, 2021		1	RB
Hymenoptera	Formicidae	Camponotus herculeanus	Boreal Carpenter Ant	Adult	Calgary	June 6, 2021	August 3, 2021	2	RB
Hymenoptera	Pompilidae	Anoplius tenebrosus	Blue-Black Spider Wasp	Adult	Cobble Flats	May 30, 2021		1	RB
Hymenoptera	Vespidae	Dolichovespula arenaria	Common Aerial Yellowjacket	Adult	Cremona, Cold Lake, Cobble Flats, Calgary	June 28, 2021	Oct. 3, 2021	6	RB
Hymenoptera	Vespidae	Dolichovespula maculata	Bald-faced Hornet	Adult	Calgary, Cold Lake, Cobble Flats	June 23, 2021	Oct. 3, 2021	5	RB
Hymenoptera	Vespidae	Dolichovespula norvegicoides	Northern Aerial Yellowjacket	Adult	Cold Lake Provincial Park	August 5, 2021		3	RB
Hymenoptera	Vespidae	Vespula atropilosa	Prairie Yellowjacket	Queen	Calgary, McKinnon Flats	May 4, 2021	Sept. 4, 2021	3	RB

Order	Family	Genus/species	Common Name	Stage	Locality	Date Range of Records		# Observed in 2021	Observer
						First	Last		
Hymenoptera	Vespidae	Vespula consobrina	Blackjacket	Adult	Cold Lake	August 2, 2021	August 5, 2021	3	RB
Hymenoptera	Vespidae	Vespula infernalis	Cuckoo Yellowjacket	Adult	Cobble Flats	August 13, 2021		1	RB
Hymenoptera	Vespidae	Vespula pensylvanica	Western Yellowjacket	Adult	Calgary	April 3, 2021	Oct. 18, 2021	4	RB
Hymenoptera	Vespidae	Vespula vulgaris	Common Yellowjacket	Adult	Cobble Flats	August 13, 2021		1	RB
Lepidoptera	Alucitidea	Alucita montana	Six-plume Moth	Adult	Calgary	May 1, 2021	Sept. 21, 2021	2	RB
Lepidoptera	Crambidae	Anania funebris	White-spotted Sable	Adult	Powderface Trail	July 5, 2021		5	RB
Lepidoptera	Geometridae	Alsophila pometaria	Fall cankerworm	Adult	Calgary	Oct. 21, 2021		1	RB
Lepidoptera	Geometridae	Operophtera bruceata	Bruce Spanworm	Adult	Calgary	Oct. 24, 2021		1	RB
Lepidoptera	Hesperiidae	Ochlodes sylvanoides	Woodland Skipper	Adult	Calgary (Somerset Pond)	August 7, 2021		1	RB
Lepidoptera	Hesperiidae	Polites mystic	Long Dash Skipper	Adult	Bowden Lake	July 1, 2021		2	RB
Lepidoptera	Hesperiidae	Pyrgus ruralis	Two-banded Checkered Skipper	Adult	Cobble Flats	May 30, 2021		4	RB
Lepidoptera	Hesperiidae	Thymelicus lineola	European Skipper	Adult	James River Bridge, Stauffer, Dalemead Lake, McKinnon Flats, Olds	July 1, 2021	August 1, 2021	100's + 6	RB
Lepidoptera	Lycaenidae	Celastrina ladon lucia	Spring Azure	Adult	Calgary	May 15, 2021		1	RB
Lepidoptera	Lycaenidae	Cupido amyntula	Western Tailed-Blue	Adult	Cremona, Water Valley, Madden	June 28, 2021		3	RB
Lepidoptera	Lycaenidae	Glaucopsyche lygdamus	Silvery Blue	Adult	Calgary, Cobble Flats, Dalemead Lake, McKinnon Flats	May 22, 2021	July 10, 2021	14	RB
Lepidoptera	Lycaenidae	Lycaena dione	Great Grey Copper	Adult	Calgary	July 27, 2021	July 30, 2021	5	RB
Lepidoptera	Lycaenidae	Lycaena helloides	Purplish Copper	Adult	Calgary	September 3, 2021		1	RB
Lepidoptera	Lycaenidae	Plebejus amica	Greenish Blue	Adult	Calgary, Cremona, Bowden Lake, James River Bridge, Stauffer	June 20, 2021	July 7, 2021	7	RB
Lepidoptera	Lycaenidae	Plebejus (Agriades) rusticus	Rustic Blue	Adult	Cobble Flats	July 8, 2021		1	RB
Lepidoptera	Lycaenidae	Satyrrium titus	Coral Hairstreak	Adult	McKinnon Flats	July 10, 2021		7	RB
Lepidoptera	Noctuidae	Autographa californica	Alfalfa Looper	Adult	Calgary	Oct. 10, 2021		1	RB
Lepidoptera	Noctuidae	Nephelodes minians	Bronzed Cutworm	Caterpillar	Calgary	May 29, 2021		1	RB
Lepidoptera	Nymphalidae	Aglais milberti	Fire-rim Tortoiseshell	Adult	Calgary	April 29, 2021	May 12, 2021	2	RB
Lepidoptera	Nymphalidae	Boloria chariclea	Purple Fritillary	Adult	Cobble Flats	August 13, 2023		1	RB
Lepidoptera	Nymphalidae	Cercyonis pegala	Common Wood Nymph	Adult	Calgary, Olds, McKinnon Flats	July 24, 2021	August 12, 2021	12	RB
Lepidoptera	Nymphalidae	Coenonympha inornata	Inornate Ringlet	Adult	Calgary, Cremona, Water Valley, Madden, Bowden Lake, James River Bridge, Stauffer, McKinnon Flats	June 4, 2021	July 10, 2021	4	RB
Lepidoptera	Nymphalidae	Erebia epipsodea	Common Alpine	Adult	Calgary, Water Valley	April 29, 2021	June 28, 2021	6	RB
Lepidoptera	Nymphalidae	Euptoieta claudia	Variiegated Fritillary	Adult	Cobble Flats	August 13, 2021		1	RB
Lepidoptera	Nymphalidae	Limenitis arthemis	White Admiral	Adult	Calgary, Madden, James River Bridge, Stauffer, Cobble Flats, McKinnon Flats, Baril Creek	June 23, 2021	August 22, 2021	13	RB
Lepidoptera	Nymphalidae	Nymphalis antiopa	Mourning Cloak	Adult	Cobble Flats, Baril Creek	August 13, 2021	August 22, 2021	12	RB
Lepidoptera	Nymphalidae	Phyciodes cocyta	Northern Pearl Crescent	Adult	Stauffer	July 1, 2021		1	RB
Lepidoptera	Nymphalidae	Polygonia satyrus	Satyr Anglewing	Adult	Baril Creek	August 22, 2021		1	RB
Lepidoptera	Nymphalidae	Speyeria aphrodite manitoba	Aproditite Fritillary	Adult	McKinnon Flats	July 9, 2021		1	RB
Lepidoptera	Nymphalidae	Speyeria cybele pseudocarpenteri	Great Spangled Fritillary	Adult	McKinnon Flats	July 9, 2021		1	RB
Lepidoptera	Nymphalidae	Speyeria hesperis	Northwestern Fritillary	Adult	Baril Creek	August 22, 2021		2	RB
Lepidoptera	Nymphalidae	Vanessa atalanta	Red Admiral	Adult	Calgary, Cherry Grove	June 26, 2021	Oct. 3, 2021	5	RB

Order	Family	Genus/species	Common Name	Stage	Locality	Date Range of Records		# Observed in 2021	Observer
						First	Last		
Lepidoptera	Nymphalidae	Vanessa cardui	Painted Lady	Adult	Calgary	June 20, 2021		1	RB
Lepidoptera	Papilionidae	Papilio canadensis	Canadian Tiger Swallowtail	Adult	Calgary, Water Valley, Madden, Stauffer	June 6, 2021	July 1, 2021	8	RB
Lepidoptera	Pieridae	Colias christina	Christina's Sulphur	Adult	Cobble Flats	July 8, 2021	July 8, 2021	12	RB
Lepidoptera	Pieridae	Colias philodice	Common Sulphur	Adult	Calgary, Dalemead Lake, Cobble Flats, McKinnon Flats, Mundare, Cold Lake, Cherry Grove	May 14, 2021	Oct. 16, 2021	52	RB
Lepidoptera	Pieridae	Euchloe creusa	Northern Marble	Adult	Cobble Flats	May 30, 2021		1	RB
Lepidoptera	Pieridae	Pieris rapae	Cabbage Butterfly	Adult	Calgary, Dalemead Lake, Olds, Mundare, McKinnon Flats, Indus	April 6, 2021	Oct. 3, 2021	161	RB
Lepidoptera	Pieridae	Pontia occidentalis	Western White	Adult	Calgary, Cobble Flats, Mundare, McKinnon Flats	April 17, 2021	Sept. 19, 2021	45	RB
Lepidoptera	Tortricidae	Pseudexentera oregonana	Early Aspen Leaf Roller	Adult	Calgary	April 1, 2021	April 3, 2021	2	RB
Lepidoptera	Sphingidae	Ceratomia undulosa	Waved Sphinx	Caterpillar	Calgary	July 23, 2021		1	RB
Neuroptera	Chrysopidae		Green Lacewing	Adult	Calgary	June 11, 2021		1	RB
Odonata	Aeshnidae	Aeshna interrupta	Variable Darner	Adult	Calgary, Cold Lake	July 31, 2021	August 5, 2021	2	RB
Odonata	Coenagrionidae	Coenagrion angulatum	Prairie Bluet	Adult	Calgary, Cremona, Madden, James River Bridge	June 4, 2021	July 1, 2021	13	RB
Odonata	Coenagrionidae	Coenagrion resolutum	Taiga Bluet	Adult	Cremona, Water Valley, Madden, Bowden Lake, James River Bridge, Stauffer	June 28, 2021	July 1, 2021	44	RB
Odonata	Coenagrionidae	Enallagma boreale	Boreal Bluet	Adult	Calgary, Dalemead Lake, Stauffer, McKinnon Flats	June 4, 2021	Sept. 3, 2021	44	RB
Odonata	Coenagrionidae	Enallagma cyathigerum	Northern Bluet	Adult	Calgary, Dalemead Lake, Cremona, Water Valley, Madden, Bowden Lake, Stauffer, McKinnon Flats	June 1, 2021	August 7, 2021	57	RB
Odonata	Coenagrionidae	Enallagma ebrium	Marsh Bluet	Adult	Calgary, Cremona, Water Valley, Madden, Stauffer, McKinnon Flats	June 23, 2021	July 9, 2021	12	RB
Odonata	Coenagrionidae	Enallagma hageni	Hagen's Bluet	Adult	Rg Rd 45, 948m N. of Twp Rd 370 (Stauffer), McKinnon Flats	July 1, 2021	July 9, 2021	6	RB
Odonata	Coenagrionidae	Ischnura sp.	Forktail	Adult	Calgary	July 29, 2021	August 15, 2021	7	RB
Odonata	Gomphidae	Ophiogomphus severus	Pale Snaketail	Adult	Calgary, McKinnon Flats	July 24, 2021	Sept. 4, 2021	9	RB
Odonata	Lestidae	Lestes congener	Spotted Spreadwing	Adult	Calgary, Cold Lake	July 24, 2021	Sept. 19, 2021	11	RB
Odonata	Lestidae	Lestes disjunctus	Common Spreadwing	Adult	Madden, Stauffer, McKinnon Flats, Cold Lake, James River Bridge	June 28, 2021	August 5, 2021	12	RB
Odonata	Lestidae	Lestes dryas	Emerald Spreadwing	Adult	James River Bridge	July 1, 2026		1	RB
Odonata	Libellulidae	Leucorrhinia borealis	Boreal Whiteface	Adult	Bowden Lake	July 1, 2021		1	RB
Odonata	Libellulidae	Leucorrhinia intacta	Dot-tailed Whiteface	Adult	Bowden Lake, Stauffer	July 1, 2021		2	RB
Odonata	Libellulidae	Libellula quadrimaculata	Four-spotted Skimmer	Adult	Stauffer	July 1, 2021		1	RB
Odonata	Libellulidae	Sympetrum danae	Black Meadowhawk	Adult	Cold Lake	August 5, 2021		1	RB
Odonata	Libellulidae	Sympetrum internum	Cherry-faced Meadowhawk	Adult	Cold Lake	August 5, 2021		1	RB
Orthoptera	Acrididae	Dissosteira carolina	Carolina Grasshopper	Adult	Calgary	August 12, 2021	Oct. 12, 2021	3	RB
Orthoptera	Acrididae	Melanoplus bivittatus	Two Striped Grasshopper	Adult	Cold Lake, Cherry Grove, Cobble Flats	July 25, 2021	August 13, 2021	11	RB