

Checklist of Dragonflies and Damselflies Found in the Saskatoon Birding Area

A draft checklist of 43 dragonflies and damselflies found in the Saskatoon Birding Area (SBA, see *Saskatoon Area Birds - A Seasonal Checklist* map for boundaries) has been prepared with the goal of encouraging local naturalists to add the study and enjoyment of the insect order Odonata to the scope of their wildlife interests. The availability of comprehensive field guides which include the SBA now makes this pursuit easier. Alberta naturalist John Acorn's *Damselflies of Alberta* (2004) and the Princeton Field Guide *Dragonflies and Damselflies of the West* (Dennis Paulson, 2009) cover all dragonflies and damselflies found in our area. Nature Saskatchewan's recent publication *Dragonflies & Damselflies in the Hand* (Gord Hutchings and Dave Halstead, 2011) covers the boreal forest region of Saskatchewan. Because most dragonflies and damselflies in the SBA can be identified from one or two photographs, a good quality digital camera can replace the capture net. There are, however, a few species that can only be differentiated in hand.

The checklist was compiled using field guides, internet records, and the field notes of several local naturalists. The list is almost certainly incomplete. Approximately 70 species of dragonflies and damselflies are found in Saskatchewan, and records exist for some of them just outside of the SBA. It will be just a matter of time before they are found inside the SBA. As more local records are added the checklist should become as reliable as the bird and butterfly checklists produced by the Saskatoon Nature Society.

Both common and scientific names have been used in the checklist as there have been recent name changes that will not be reflected in older field guides. A quick internet search using the names provided in the list should bring up alternate names. For those who use banding codes to record bird and butterfly sightings a similar coding system for odonates is provided on the checklist.

The University of Texas is home to Odonata Central, which hosts the official website of the Dragonfly Society of the Americas (<http://www.odonatacentral.org/>). The site includes regional checklists, identification information, and a large image library. This group also reviews and accepts or rejects records submitted by members (usually photographs),

which in turn are used to develop range maps and regional checklists. It would be most useful to the development of our local checklist if you would send your pictures and descriptions to them (registration and membership is free). The verified records will then be used to update the SBA checklist.

The second page of this document lists the SBA dragonflies and damselflies and the pages on which they are found in the recommended field guides. The third page of this document is the checklist, which can be printed separately.

Special thanks to Lorne Duczek for sharing records, photos and general odonate wisdom.

Recommended Field Guides:

Acorn, J. *Damselflies of Alberta* (2004) The University of Alberta Press, Edmonton, AB
Dunkle, S. *Dragonflies Through Binoculars* (2000) Oxford University Press, New York, NY
Hutchings, G. & Halstead, D. *Dragonflies and Damselflies in the Hand* (2011) Nature Saskatchewan, Regina, SK
Paulson, D. *Dragonflies and Damselflies of the West* (2009) Princeton University Press, Princeton, NJ

More information regarding dragonflies and damselflies of Saskatchewan can be found at:

<http://www.aquatax.ca/invertsdb/index.php/order/Odonata>

Craig Salisbury
April, 2012

Field Guide Reference for Dragonfly and Damselfly Checklist - Saskatoon Birding Area

Common Name	Scientific Name	Code	Field Guides (page)		
			Acorn	H & H	Paulson

Dragonflies (*Anisoptera*)

Darners (*Aeshnidae*)

Common Name	Scientific Name	Code	Acorn	H & H	Paulson
Sedge Damer	<i>Aeshna juncea</i>	SEDAR		71	210
Subarctic Darner	<i>Aeshna subarctica</i>	SUDAR		74	211
Canada Darner	<i>Aeshna canadensis</i>	CADAR		68	213
Lake Darner	<i>Aeshna eremita</i>	LADAR		69	214
Variable Darner	<i>Aeshna interrupta</i>	VADAR		70	215
Zigzag Darner	<i>Aeshna sitchensis</i>	ZIDAR		73	217
Lance-tipped Darner	<i>Aeshna constricta</i>	LTDAR			219
Shadow Darner	<i>Aeshna umbrosa</i>	SHDAR		76	222
Common Green Darner	<i>Anax junius</i>	CGDAR			235

Emeralds (*Corduliidae*)

Common Name	Scientific Name	Code	Acorn	H & H	Paulson
American Emerald	<i>Cordulia shurtleffi</i>	AMEME		92	324
Ringed Emerald	<i>Somatochlora albicincta</i>	RIEME		95	330
Hudsonian Emerald	<i>Somatochlora hudsonica</i>	HUEME		99	332
Delicate Emerald	<i>Somatochlora franklini</i>	DEEME		98	340
Ocellated Emerald	<i>Somatochlora minor</i>	OCEME		101	343
Beaverpond Baskettail	<i>Epitheca canis</i>	BEBAS		93	366

Skimmers (*Libellulidae*)

Common Name	Scientific Name	Code	Acorn	H & H	Paulson
Four-spotted Skimmer	<i>Libellula quadrimaculata</i>	FSSKI		120	379
Twelve-spotted Skimmer	<i>Libellula pulchella</i>	TSSKI			388

Whitefaces (*Leucorrhinia*)

Common Name	Scientific Name	Code	Acorn	H & H	Paulson
Belted Whiteface	<i>Leucorrhinia proxima</i>	BEWHI		119	424
Dot-tailed Whiteface	<i>Leucorrhinia intacta</i>	DTWHI			425
Hudsonian Whiteface	<i>Leucorrhinia hudsonica</i>	HUWHI		117	429
Boreal Whiteface	<i>Leucorrhinia borealis</i>	BOWHI		115	432

Common Name	Scientific Name	Code	Field Guides (page)		
			Acorn	H & H	Paulson

Meadowhawks (*Sympetrum*)

Common Name	Scientific Name	Code	Acorn	H & H	Paulson
Variiegated Meadowhawk	<i>Sympetrum corruptum</i>	VAMEA			457
Red-veined Meadowhawk	<i>Sympetrum madidum</i>	RVMEA			460
White-faced Meadowhawk	<i>Sympetrum obstrusum</i>	WFMEA		124	464
Striped Meadowhawk	<i>Sympetrum pallipes</i>	STMEA			467
Cherry-faced Meadowhawk	<i>Sympetrum internum</i>	CFMEA		123	469
Saffron-winged Meadowhawk	<i>Sympetrum costiferum</i>	SWMEA		121	470
Black Meadowhawk	<i>Sympetrum danae</i>	BLMEA		122	474

Damselflies (*Zygoptera*)

Spreadwings (*Lestidae*)

Common Name	Scientific Name	Code	Acorn	H & H	Paulson
Spotted Spreadwing	<i>Lestes congener</i>	SPSPR	69	42	57
Northern Spreadwing	<i>Lestes disjunctus</i>	NOSPR	63	43	58
Lyre-tipped Spreadwing	<i>Lestes unguiculatus</i>	LTSPR	66		62
Emerald Spreadwing	<i>Lestes dryas</i>	EMSPR	60	44	65

Pond Damsels (*Coenagrionidae*)

Common Name	Scientific Name	Code	Acorn	H & H	Paulson
Prairie Bluet	<i>Coenagrion angulatum</i>	PRBLU	75	52	73
Subartic Bluet	<i>Coenagrion interrogatum</i>	SUBLU	81	53	74
Taiga Bluet	<i>Coenagrion resolutum</i>	TABLU	78	54	75
Tule Bluet	<i>Enallagma carunculatum</i>	TUBLU	103		82
Alkali Bluet	<i>Enallagma clausum</i>	ALBLU	98		86
Northern Bluet	<i>Enallagma annexum</i>	NOBLU	89	56	87
Boreal Bluet	<i>Enallagma boreale</i>	BOBLU	86	57	88
Marsh Bluet	<i>Enallagma ebrium</i>	MABLU	95	58	90
Hagen's Bluet	<i>Enallagma hageni</i>	HABLU	92	59	91
Plains Forktail	<i>Ischnura damula</i>	PLFOR	109	60	115
Sedge Sprite	<i>Nehalennia irene</i>	SESPR	125	61	139

Acorn, J. *Damselflies of Alberta* (2004) The University of Alberta Press, Edmonton, AB

Hutchings, G. & Halstead, D. *Dragonflies & Damselflies in the Hand* (2011), Nature Saskatchewan, Regina, SK

Paulson, D. *Dragonflies and Damselflies of the West* (2009) Princeton University Press, Princeton, NJ

Saskatoon Area Dragonflies and Damselflies

A Draft Checklist

Version 2

This checklist contains 43 species of dragonflies and damselflies known or thought to be present in the Saskatoon Birding Area (see *Saskatoon Area Birds - A Seasonal Checklist* map for area boundaries). Common and scientific names are provided for each species, along with a 'banding' code and flight periods for some species. Addition of abundance and habitat information is planned as more records are obtained. A list of suggested field guides and related web sites can be found on the accompanying document on the Saskatoon Nature Society web site (www.saskatoonnaturesociety.sk.ca).

Craig Salisbury - April 2012

Dragonflies (*Anisoptera*)

Darners (*Aeshnidae*)

Sedge Darner	<i>Aeshna juncea</i>
SEDAR	
Subarctic Darner	<i>Aeshna subarctica</i>
SUDAR	
Canada Darner	<i>Aeshna canadensis</i>
CADAR	
Lake Darner	<i>Aeshna eremita</i>
LADAR	19 Jul
Variable Darner	<i>Aeshna interrupta</i>
VADAR	19 Jun - 6 Oct
Zigzag Darner	<i>Aeshna sitchensis</i>
ZIDAR	
Lance-tipped Darner	<i>Aeshna constricta</i>
LTDAR	24 Aug
Shadow Darner	<i>Aeshna umbrosa</i>
SHDAR	
Common Green Darner	<i>Anax junius</i>
CGDAR	20 Aug - 11 Sep

Emeralds (*Corduliidae*)

American Emerald	<i>Cordulia shurtleffii</i>
AMEME	
Ringed Emerald	<i>Somatochlora albicincta</i>
RIEME	

Emeralds (*Corduliidae*) cont'd

Hudsonian Emerald	<i>Somatochlora hudsonica</i>
HUEME	
Delicate Emerald	<i>Somatochlora franklini</i>
DEEME	
Ocellated Emerald	<i>Somatochlora minor</i>
OCEME	
Beaverpond Baskettail	<i>Epitheca canis</i>
BEBAS	

Skimmers (*Libellulidae*)

Four-spotted Skimmer	<i>Libellula quadrimaculata</i>
FSSKI	24 May - 24 Jul
Twelve-spotted Skimmer	<i>Libellula pulchella</i>
TSSKI	11 Jul - 5 Aug

Whitefaces (*Leucorrhinia*)

Belted Whiteface	<i>Leucorrhinia proxima</i>
BEWHI	
Dot-tailed Whiteface	<i>Leucorrhinia intacta</i>
DTWHI	27 Jun - 17 Jul
Hudsonian Whiteface	<i>Leucorrhinia hudsonica</i>
HUWHI	
Boreal Whiteface	<i>Leucorrhinia borealis</i>
BOWHI	

Meadowhawks (*Sympetrum*)

Variiegated Meadowhawk	<i>Sympetrum corruptum</i>
VAMEA	20 Jun - 14 Oct
Red-veined Meadowhawk	<i>Sympetrum madidum</i>
RVMEA	28 Jun - 31 Jul
White-faced Meadowhawk	<i>Sympetrum obstrusum</i>
WFMEA	26 Jul - 15 Sep
Striped Meadowhawk	<i>Sympetrum pallipes</i>
STMEA	29 Jun
Cherry-faced Meadowhawk	<i>Sympetrum internum</i>
CFMEA	29 Jun - 13 Sep
Saffron-winged Meadowhawk	<i>Sympetrum costiferum</i>
SWMEA	18 Jul - 6 Oct
Black Meadowhawk	<i>Sympetrum danae</i>
BLMEA	4 Jul - 29 Sep

Damselflies (*Zygoptera*)

Spreadwings (*Lestidae*)

Spotted Spreadwing	<i>Lestes congener</i>
SPSPR	19 Jul - 23 Sep
Northern Spreadwing	<i>Lestes disjunctus</i>
NOSPR	
Lyre-tipped Spreadwing	<i>Lestes unguiculatus</i>
LTSPR	2 Jul - 12 Sep
Emerald Spreadwing	<i>Lestes dryas</i>
EMSPR	

Pond Damsels (*Coenagrionidae*)

Prairie Bluet	<i>Coenagrion angulatum</i>
PRBLU	21 May - 25 Jun
Subartic Bluet	<i>Coenagrion interrogatum</i>
SUBLU	
Taiga Bluet	<i>Coenagrion resolutum</i>
TABLU	26 May - 26 Jun
Tule Bluet	<i>Enallagma carunculatum</i>
TUBLU	
Alkali Bluet	<i>Enallagma clausum</i>
ALBLU	
Northern Bluet	<i>Enallagma annexum</i>
NOBLU	24 Jun
Boreal Bluet	<i>Enallagma boreale</i>
BOBLU	25 May - 13 Aug
Marsh Bluet	<i>Enallagma ebrium</i>
MABLU	23 Jun - 4 Jul
Hagen's Bluet	<i>Enallagma hageni</i>
HABLU	
Plains Forktail	<i>Ischnura damula</i>
PLFOR	
Sedge Sprite	<i>Nehalennia irene</i>
SESPR	