

Proceedings of the Iowa Academy of Science

Volume 40 | Annual Issue

Article 131

1933

Comparative List of the Odonata Known to Occur in Iowa

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Recommended Citation

Loudon, Deloss (1933) "Comparative List of the Odonata Known to Occur in Iowa," *Proceedings of the Iowa Academy of Science*, 40(1), 213-215.

Available at: <https://scholarworks.uni.edu/pias/vol40/iss1/131>

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COMPARATIVE LIST OF THE ODONATA KNOWN TO OCCUR IN IOWA

DELOSS LOUDON

The writer has collected and identified Odonata in Page County, Iowa, and by comparing his collection with other Odonata collections throughout the state has compiled a list of all the now identified Odonata in Iowa.

In preparing the "List," a questionnaire was sent to all accredited colleges and junior colleges in the state, asking for a list of all classified Odonata and also for suggestions of names of persons who might have private collections which would be of aid in compiling this list. In response replies were received from fifteen junior colleges and twelve four year schools. Of these schools only Iowa State College, the State University of Iowa, and Iowa Wesleyan College had identified or recorded Odonata. Of the three suggested private collections, two were too small to be of value, but that of H. M. Wilson of Sioux City was of considerable aid. Mr. Wilson presented a report of his collection at the Iowa Academy of Science Meeting in 1932.

One interesting fact noted by the writer of this paper was that in over five hundred hours of collecting in Page County not a single species of Gomphus, Aeschna, or Lestes was taken.

In the preparation of the following list the writer wishes to acknowledge his indebtedness to Dr. James G. Needham, for his aid in checking classification, to Dr. H. E. Jaques, Dr. H. F. Wickham, Mr. Harlow B. Mills, and Mr. H. M. Wilson for their cooperation in listing their specimens and to his close friend, Charlie Schoenenberger, who aided in collecting local Odonata.

It also should be noted that the specimens of Odonata listed by the State University of Iowa are not now available, but were collected by A. D. Whedon for his master's thesis "Odonata of Iowa," 1912. The collection of H. M. Wilson of Sioux City has been destroyed by fire but is now being replaced.

A Comparative List of the Odonata Known to Occur in Iowa

ANISOPTERA (Dragonflies)	
Progomphus obscurus Ramb-----	M
Hagenius brevistylus Selys-----	A-I
Gomphus amnicola Walsh-----	A-I

A Comparative List of the Odonata Known to Occur in Iowa—Continued

descriptus Banks.....	I
exilis Selys.....	I
externus Hagen.....	A-I-M-W
fraternus Say.....	A-I
frucifer Hagen.....	A-M
graslinellus Walsh.....	A-I-M
notatus Ramb.....	A
plagiatus Selys.....	A
pallidus Ramb.....	A
submedianus Wlms.....	M
vastus Walsh.....	A-I-M
whedoni Mutt.....	I
Dromogomphus spoliatus Hagen.....	I
Boyeria vinosa Say.....	A
Anax junius Drury.....	A-I-M-P-W
Epiaeschna heros Fab.....	I
Aeschna constricta Say.....	A-I-M
clepsydra Say.....	A-I
umbrosa Walker.....	I
verticalis Hagen.....	A-I
Macromia taeniolata Ramb.....	M
Neurocordulia obsoleta Say.....	A
Epicordulia princeps Hagen.....	A-I
Tetragoneuria cynosura Say.....	A-I
spinigera Selys.....	I
Somatochlora linearis Hagen.....	A
Perithemis domitia Drury.....	A-I-M-P
Celithemis elisa Hagen.....	I-M
eponina Drury.....	A-I-M-P-W
Libellula luctuosa Burm.....	A-I-M-P-W
pulchella Drury.....	A-I-M-P-W
quadrinaculata Linne.....	A-I
Plathemis lydia Drury.....	A-I-M-P-W
Sympetrum assimilaturn Uhler.....	A-I
corruptum Hagen.....	I-M-P
*decisum.....	M
obtrusum Hagen.....	I
rubicundulum Say.....	A-I-M-P
semicinctum Say.....	I
vicinum Hagen.....	I-M
Leucorrhinia intacta Hagen.....	A-I
Pachydiplax longipennis Burm.....	A-I-M-P
Mesothemis simplicicollis Say.....	A-I-M-P-W
Pantala flavescens Fab.....	A-I
hymenea Say.....	A-I
Tramea carolina L.....	A-I
lacerata Hagen.....	A-I-M-P-W
onusta Hagen.....	I-M-P-W

ZYGOPTERA (Damselflies)

Agrion aequabile Say.....	A-I-P
maculatum Beauv.....	A-M-W-P
Hetaerina americana Fab.....	A-I-M-W
tricolor Burm.....	I
Lestes disjunctus Selys.....	I
eurinus Say.....	I
forcipatus Ramb.....	A-I-M
rectangularis Say.....	A-I
uncatus Kby.....	A-I-M
unguiculatus Hagen.....	A-I-M

A Comparative List of the Odonata Known to Occur in Iowa — Continued

vigilax Hagen.....	I
Argia apicalis (Say).....	I-M
moesta var. putrida Hagen.....	I-M
tibialis Ramb.....	I
violacea Hagen.....	I
Amphiagrion saucium Burm.....	A
Nehalennia irene Hagen.....	A-I-M-P-W
Coenagrion resolutum Hagen.....	I
Enallagma antennatum Say.....	I-M-P
carunculatum Morse.....	I-M
civile Hagen.....	A-I-M-P
ebrium Hagen.....	A-I
exsulans Hagen.....	M
geminatum Kell.....	I
hageni Walsh.....	I-M-W
*lunifera (Mutt).....	I
Ischnura posita Hagen.....	I
verticallis Say.....	A-I-M-P

* Species not listed in Needham's Dragonflies of New York.

NOTE: A — Iowa State College, Ames, Iowa.

I — State University of Iowa, Iowa City, Iowa.

M — Iowa Wesleyan College, Mt. Pleasant, Iowa.

P — Page County — Clarinda Junior College, Clarinda, Iowa.

W. — H. M. Wilson, Sioux City, Iowa.

BIOLOGY DEPARTMENT,
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CLARINDA, IOWA.