

Redetermination of select dragonfly specimens (Insecta: Odonata).

Jim T. Johnson

3003 Unander Avenue, Vancouver, WA 98660; gomphusjim@gmail.com

Cite this work as:

Johnson, J. T. 2018. Redetermination of select dragonfly specimens (Insecta: Odonata). Catalog: Oregon State Arthropod Collection. 2 (3) p. 1. DOI: http://dx.doi.org/10.5399/osu/cat_osac.2.3.4544.

Sixteen historical specimens in the Oregon State Arthropod Collection were redetermined by Mr. Johnson during a visit to the collection on November 16, 2018. The redetermined material include specimens now identified as: *Sympetrum* sp., *Plathemis lydia* (Drury, 1773), *Libellula forensis* Hagen, 1861, *Ophiogomphus occidentis* (Hagen, 1885), *Aeshna interrupta* (Walker, 1904), *Aeshna umbrosa* Walker, 1908, *Rhionaeschna californica* (Calvert, 1895), *Aeshna constricta* Say, 1839, and *Aeshna tuberculifera* Walker, 1908.

Determinations were based on Johnson's expertise with reference to Needham, Westfall & May (2014). Nomenclature follows that of Paulson and Dunkle (2018).

Specimens examined and redetermined:

[OSAC_0000095970](#) *Aeshna palmata* ⇒ *A. interrupta*
[OSAC_0000096037](#) *A. palmata* ⇒ *A. umbrosa*
[OSAC_0000096108](#) *A. (Rhionaeschna) multicolor* ⇒ *A. interrupta*
[OSAC_0000122075](#) *Ophiogomphus bison* ⇒ *O. occidentis*
[OSAC_0000191134](#) *Rhionaeschna multicolor* (female) ⇒ *R. californica* (male)
[OSAC_0000191171](#) *R. multicolor* ⇒ *A. umbrosa*
[OSAC_0000191172](#) *A. palmata* ⇒ *A. umbrosa*
[OSAC_0000191217](#) *A. juncea* ⇒ *A. tuberculifera*
[OSAC_0000191235](#) *A. palmata* ⇒ *A. constricta*
[OSAC_0000191274](#) *A. palmata* ⇒ *A. interrupta*
[OSAC_0000191275](#) *A. palmata* ⇒ *A. interrupta*
[OSAC_0000191680](#) *Sympetrum madidum* ⇒ *Sympetrum* sp.
[OSAC_0000191870](#) *Libellula nodisticta* ⇒ *L. forensis*
[OSAC_0000191871](#) *L. pulchella* ⇒ *Plathemis lydia*
[OSAC_0000191875](#) *L. pulchella* ⇒ *P. lydia*
[OSAC_0001082219](#) *A. walkeri* ⇒ *A. umbrosa*

References

Needham, J. G., Westfall, M. J. & May, M. L. (2014) Dragonflies of North America (3rd ed.). Gainesville, FL: Scientific Publishers.

Paulson, D. R. & Dunkle, S. W. (2018) A Checklist of North American Odonata: including English name, etymology, type locality, and distribution. Originally published: Occasional Paper No. 56, Slater Museum of Natural History, University of Puget Sound, June 1999; Available from: http://odonata.bogfoot.net/docs/NA_Odonata_Checklist_2018.pdf