

## Redetermination of select dragonfly specimens (Insecta: Odonata).

Jim T. Johnson

3003 Unander Avenue, Vancouver, WA 98660; [gomphusjim@gmail.com](mailto: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](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](http://odonata.bogfoot.net/docs/NA_Odonata_Checklist_2018.pdf)

**Outgoing loans: November, 2018****2018-11-28-001-01**

Loaned: Alyssa L. Suzumura c/o Dr. Masahiro Ohara

Address: Japan, Hokkaido University

Loan Period: 3 years. Transport: hand carried

Permissions:  genitalic dissection  DNA extraction  disarticulation  stable isotope  
 sputter coat  retention (provide details below)  
 other:

Contents: Insecta: Coleoptera: Hydrophilidae: Megasterninae: *Cercyon* spp.

Specimens: 6 dry, pinned / pointed

[OSAC\\_0000206565](#) [OSAC\\_0001084561](#) [OSAC\\_0001084562](#) [OSAC\\_0001064563](#) [OSAC\\_0001084564](#)  
[OSAC\\_0001064565](#)

Publications and other disseminated information produced from the specimens listed above, including images based on the specimens and genetic sequence data, should cite this loan record in those works as:

OSAC. 2018. *Outgoing Loans: 2018-11-28-001-01*. *Catalog: Oregon State Arthropod Collection*. 2 (3) p. 2.  
 DOI: [http://dx.doi.org/10.5399/osu/cat\\_osac.2.3.4545](http://dx.doi.org/10.5399/osu/cat_osac.2.3.4545).

**Loan 2018-11-28-002-01**

Loaned: Nose Haruna c/o Dr. Masahiro Ohara

Address: Japan, Hokkaido University

Loan Period: 3 years. Transport: hand carried

Permissions:  genitalic dissection  DNA extraction  disarticulation  stable isotope  
 sputter coat  retention (provide details below)  
 other:

Contents: Insecta: Coleoptera: Salpingidae: Aegialitinae: *Aegialites* spp.

Specimens: 8 dry, pinned / pointed

[OSAC\\_0000008198](#) [OSAC\\_0001084566](#) [OSAC\\_0001084567](#) [OSAC\\_0001084568](#)  
[OSAC\\_0001084540](#) [OSAC\\_0001084541](#) [OSAC\\_0001084542](#) [OSAC\\_0001084543](#)

Publications and other disseminated information produced from the specimens listed above, including images based on the specimens and genetic sequence data, should cite this loan record in those works as:

OSAC. 2018. *Outgoing Loans: 2018-11-28-002-01*. *Catalog: Oregon State Arthropod Collection*. 2 (3) p. 2.  
 DOI: [http://dx.doi.org/10.5399/osu/cat\\_osac.2.3.4545](http://dx.doi.org/10.5399/osu/cat_osac.2.3.4545).

**Loan 2018-11-28-003-01**

Loaned: Alyssa Suzumura c/o Dr. Masahiro Ohara

Address: Japan, Hokkaido University

Loan Period: 3 years. Transport: hand carried

Permissions:  genitalic dissection  DNA extraction  disarticulation  stable isotope  
 sputter coat  retention (provide details below)  
 other:

Contents: Insecta: Coleoptera: Tenebrionidae: Diaperinae: Phaleriini *Phaleromela picta*.

Specimens: 38 dry, pinned/pointed

<a href="#">OSAC_0000295691</a>	<a href="#">OSAC_0000295693</a>	<a href="#">OSAC_0000314018</a>	<a href="#">OSAC_0001084529</a>
<a href="#">OSAC_0001084530</a>	<a href="#">OSAC_0001084531</a>	<a href="#">OSAC_0001084532</a>	<a href="#">OSAC_0001084533</a>
<a href="#">OSAC_0001084534</a>	<a href="#">OSAC_0001084535</a>	<a href="#">OSAC_0001084536</a>	<a href="#">OSAC_0001084537</a>
<a href="#">OSAC_0001084538</a>	<a href="#">OSAC_0001084539</a>	<a href="#">OSAC_0001084569</a>	<a href="#">OSAC_0001084570</a>
<a href="#">OSAC_0001084571</a>	<a href="#">OSAC_0001084572</a>	<a href="#">OSAC_0001084573</a>	<a href="#">OSAC_0001084574</a>
<a href="#">OSAC_0001084575</a>	<a href="#">OSAC_0001084576</a>	<a href="#">OSAC_0001084577</a>	<a href="#">OSAC_0001084578</a>
<a href="#">OSAC_0001084579</a>	<a href="#">OSAC_0001084580</a>	<a href="#">OSAC_0001084581</a>	<a href="#">OSAC_0001084582</a>
<a href="#">OSAC_0001084583</a>	<a href="#">OSAC_0001084584</a>	<a href="#">OSAC_0001084585</a>	<a href="#">OSAC_0001084586</a>
<a href="#">OSAC_0001084587</a>	<a href="#">OSAC_0001084588</a>	<a href="#">OSAC_0001084589</a>	<a href="#">OSAC_0001084590</a>
<a href="#">OSAC_0001084591</a>	<a href="#">OSAC_0001084592</a>		

Publications and other disseminated information produced from the specimens listed above, including images based on the specimens and genetic sequence data, should cite this loan record in those works as:

OSAC. 2018. *Outgoing Loans: 2018-11-28-003-01*. Catalog: Oregon State Arthropod Collection. 2 (3) p. 3.

DOI: [http://dx.doi.org/10.5399/osu/cat\\_osac.2.3.4545](http://dx.doi.org/10.5399/osu/cat_osac.2.3.4545).