

to *fusco-undata* Staud., Donovan, in part, and *testacea* Prout., but are differently marked, being really varieties of *quinquefasciata*, as there is some doubt in my mind of the true *furcata* Thünb. being found here. This form might be confused with var. *cupidata* of *nubilofasciata*, but the marginal band of the latter will separate them. This seems to be a Californian variety, as have not seen any from other localities.

Type, ♂, Eden Valley, Monterey Co., Cal., in Swett coll. Type, ♀, Eden Valley, Monterey Co., Cal., in Broadwell coll.

Co-type, ♂, Feb. 1, '05, Santa Clara Co., Cal., in Marlhoff coll.

*Hydriomena furcata* Thünb.

(e) *periclata*, nov. var.

Expands 30 mm. Head and thorax green and black, palpi short and dark. Fore wings smoky-black, heavily powdered with green speckles; only the mesial and fifth bands showing, the rest of the wing suffused. Hind wings dusky brown, black discal joint and two smoky bands more prominent than usual, and regular fringe very short and dusky. Beneath very deep smoke brown, only two extradiscal lines showing on fore and hind wings; discal spot very plain on hind wings. This variety is close to var. *obliterata* Prout, but differs in the almost black hind wings and style of marking. This is almost an approach to melanism, perhaps due to its late emergence.

Type ♂, Land's End, San Francisco, Cal., Oct. 10, 1909, from Mr. F. X. Williams, and in Swett coll., No. 17.

This variety may be recognized by its suffused appearance and the green speckles. It is allied to *viridata* Pack., but that variety does not have the dark suffused colour.

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#### BOOK NOTICES.

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CATALOGUE OF THE ODONATA OF NORTH AMERICA: By Richard Muttkowsky (Bull. Pub. Mus., Milw., Vol. I, No. 1, Milwaukee, Wis.).

Those who have been looking forward to the appearance of this much-needed catalogue of North American Dragon-flies will, we think, have no reason to be disappointed. It gives the impression throughout of thoroughness and accuracy.

The classification adopted is based on Handlirsch's recent work, "Die Fossilen Insekten." Four families are recognized: Agrionidæ, Cœnagri-onidæ, Æshnidæ, and Libellulidæ. The genera are intended to follow,