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## Records of *Dufourea Maura* (Hymenoptera: Halictidae) From Isle Royale National Park, Michigan

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**RECORDS OF *DUFOUREA MAURA* (HYMENOPTERA: HALICTIDAE) FROM ISLE ROYALE NATIONAL PARK, MICHIGAN**Michael S. Arduser<sup>1</sup>

## ABSTRACT

*Dufourea maura* is recorded from Isle Royale National Park, Michigan. This is the first report of this western North American species east of the Great Plains states.

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Recent examinations of specimens in the Entomological Research Collection of Michigan State University and The University of Michigan Museum of Zoology, uncovered 31 specimens of *Dufourea maura* (Cresson) from Isle Royale National Park, Michigan (Keweenaw County). According to Hurd (1979) and George E. Bohart (pers. comm.), *D. maura* is primarily a species of the western United States, occurring as far east as North Dakota and Nebraska. The Isle Royale collections include 27 males and four females, taken between 2–27 July in various years. One male was collected from flowers of *Campanula rotundifolia* L.

No biological data have been published for *D. maura* other than Stevens' note (1919) that the species is a "fairly common bee at flowers of *Campanula rotundifolia*" in North Dakota. Given the oligolectic nature of other species in the genus (Bohart, pers. comm.), it seems possible that *D. maura* may restrict its pollen collecting to the flowers of *Campanula rotundifolia* and related species. *C. rotundifolia* is a widely distributed species that is relatively common on Isle Royale, found on moist, exposed, sandy or rocky substrates.

These appear to be the only records of *Dufourea maura* in the eastern United States. Despite much collecting on the mainland of the Upper Peninsula of Michigan in the past several years by the author and others, no additional collections of this species have been made.

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