

October 1993

## A Record of *Nomada* (*Nomada*) *Colorata* From Illinois With a Suggested Host Species (Hymenoptera: Apoidea)

John K. Bouseman

*Illinois Natural History Survey*

Follow this and additional works at: <http://scholar.valpo.edu/tgle>

 Part of the [Entomology Commons](#)

---

### Recommended Citation

Bouseman, John K. (1993) "A Record of *Nomada* (*Nomada*) *Colorata* From Illinois With a Suggested Host Species (Hymenoptera: Apoidea)," *The Great Lakes Entomologist*: Vol. 26 : No. 3 , Article 9.

Available at: <http://scholar.valpo.edu/tgle/vol26/iss3/9>

This Peer-Review Article is brought to you for free and open access by the Department of Biology at ValpoScholar. It has been accepted for inclusion in The Great Lakes Entomologist by an authorized administrator of ValpoScholar. For more information, please contact a ValpoScholar staff member at [scholar@valpo.edu](mailto:scholar@valpo.edu).

A RECORD OF *NOMADA (NOMADA) COLORATA* FROM ILLINOIS WITH  
A SUGGESTED HOST SPECIES (HYMENOPTERA: APOIDEA)John K. Bouseman<sup>1</sup>

*Nomada colorata* (Anthophoridae) was described by Mitchell (1962) on the basis of the holotype female from Michigan and two female paratypes from Michigan and New York. The species has received little subsequent notice. Mitchell placed *N. colorata* in the subgenus *Heminomada* Cockerell and Atkins. Snelling (1986) synonymized that subgenus with the nominate subgenus and placed *N. colorata* therein. The purpose of this note is to record *N. colorata* from Illinois and to suggest a host-association for the species.

On 13 May 1992, while collecting at Mississippi Palisades State Park in Carroll County, Illinois, I noticed a few *Nomada* sp. females sitting on leaves of a *Viola* sp. that was in bloom. I took one specimen and later determined it to be *N. colorata*. Numerous females of *Andrena (Iomelissa) violae* Robertson (Andrenidae) were collecting pollen from the violets at the time of observation (1200–1215 hr; 20–22°C). Two females of *A. violae* were taken as vouchers.

The association of these two rare species of bees at this particular juncture suggests a host-parasite relationship might exist between them. Both species are also recorded from Ithaca, New York, and while LaBerge (1986) did not record *A. violae* from any locality in Michigan, Mitchell (1960) did include Michigan in his statement of range for the species.

## ACKNOWLEDGMENTS

Thanks are due to W. E. LaBerge for his confirmation of my determination of *Nomada colorata*.

## LITERATURE CITED

- LaBerge, W. E. 1986. A revision of the bees of the genus *Andrena* of the Western Hemisphere. Part XI. Minor subgenera and subgeneric key. Trans. American Entomol. Soc. 111:441–567.
- Mitchell, T. B. 1960. Bees of the eastern United States. Vol. I. North Carolina Agr. Exp. Sta. Tech. Bull. 141, 538 p.
- \_\_\_\_\_. 1962. Bees of the eastern United States. Vol. II. North Carolina Agr. Exp. Sta. Tech. Bull. 152, 557 p.
- Snelling, R. R. 1986. Contributions toward a revision of the New World nomadine bees. A partitioning of the genus *Nomada* (Hymenoptera: Anthophoridae). Contrib. Sci. (Nat. Hist. Mus. of Los Angeles Co.) 376:1–32.

<sup>1</sup>Center for Economic Entomology, Illinois Natural History Survey, 607 East Peabody Drive, Champaign, IL 61820.