

# The Great Lakes Entomologist

---

Volume 14  
Number 4 - Winter 1981 *Number 4 - Winter*  
1981

Article 9

---

December 1981

## New Records of *Pasimachus Elongatus* in Michigan (Coleoptera: Carabidae: Scaritini)

Gary A. Dunn  
*Michigan State University*

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



Part of the [Entomology Commons](#)

---

### Recommended Citation

Dunn, Gary A. 1981. "New Records of *Pasimachus Elongatus* in Michigan (Coleoptera: Carabidae: Scaritini)," *The Great Lakes Entomologist*, vol 14 (4)  
DOI: <https://doi.org/10.22543/0090-0222.1405>  
Available at: <https://scholar.valpo.edu/tgle/vol14/iss4/9>

This Entomological Note 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).

## LITERATURE CITED

- Comstock, W. P. and F. M. Brown. 1950. Geographical variation and subspeciation in *Heliconius charitonius* Linnaeus (sic) (Lepidoptera, Nymphalidae). Amer. Mus. Novitates 1467:1-21.
- Ehrlich, P. R. and A. H. Ehrlich. 1961. How to know the butterflies. W. C. Brown Co. Publ., Dubuque, Iowa.
- Howe, W. H. 1975. The butterflies of North America. Doubleday & Co., Inc., Garden City, New York.
- Irwin, R. R. and J. C. Downey. 1973. Annotated checklist of the butterflies of Illinois. Illinois Natur. Hist. Surv. Biol. Notes 81:1-60.
- Klots, A. B. 1951. A field guide to the butterflies of North America, east of the Great Plains. Houghton Mifflin Co., Boston, Mass.
- Sites, R. W. and J. E. McPherson. 1980. A key to the butterflies of Illinois (Lepidoptera: Papilionoidea). Great Lakes Entomol. 13:97-114.

R. W. Sites and J. E. McPherson  
 Department of Zoology  
 Southern Illinois University  
 Carbondale, IL 62901

NEW RECORDS OF *PASIMACHUS ELONGATUS* IN MICHIGAN  
 (COLEOPTERA: CARABIDAE: SCARITINI)

*Pasimachus elongatus* LeConte is a large (21-28 mm), flightless ground beetle which occurs from Michigan westward to Montana and south to Louisiana and Arizona. A search of major entomological collections and the literature revealed that only a few specimens have actually been collected in Michigan. Banninger (Rev. de Entomologia 21:481-511, 1950) did not specify where his Michigan specimens were taken. The United States National Museum has two specimens labelled "Mich.", one collected by C. V. Riley and one by W. Robinson, and seven specimens from St. Joseph (Berrien Co.), Michigan collected by H. G. Butler between 14 July and 19 August 1938.

In 1979 five barrier-type pitfall traps were installed in the Barry County State Game Area (T3N, R10W, Sec. 22, Barry Co.), Michigan to sample the carabid fauna. The soil in the area is sandy and covered with lichens, moss, and herbaceous vegetation. The overstory is scattered, mature black oak with an understory of "scrub" oak and black cherry.

A single *Pasimachus elongatus* was captured on 10 June 1979; three additional specimens were taken on 17 June 1979. Another specimen was taken from the same area on 28 June 1980. These captures represent new county records, and are significant because the site is 60 miles northeast of the St. Joseph locality. Also, *P. elongatus* has apparently not been taken in Michigan since 1938. However, it is possible that this species occurs in scattered localities throughout southwestern Michigan in areas of open woodland with sandy soil.

Gary A. Dunn  
 Department of Entomology  
 Michigan State University  
 East Lansing, MI 48824