NEW LOCALITY RECORDS FOR ELEODES BARBATA
WICKHAM (COLEOPTERA: TENEBRIONIDAE)

CHARLES A. TRIPLEHORN
The Ohio State University, Columbus, Ohio

In September 1916, H. F. Wickham found a small, exceedingly abundant species of Eleodes in the bean-growing district near Willard, New Mexico. Numerous specimens were taken under dried dung among short brush in fine sandy soil. This species he subsequently described (Wickham 1918) as Eleodes barbata, assigning it to the subgenus Tricheleodes.

Tanner (1961) reviewed the species of Tricheleodes, describing a new species, but in his checklist mentioned only the Willard, New Mexico locality for E. barbata. I can now add 2 new locality records, considerably extending its known range: ARIZONA: Coconino County, 4.5 miles east of Moenkopi, 19-VI-1967, J. H. Davidson, J. M. Davidson, M. A. Cazier, at night (26 specimens); UTAH: Grand County, southern outskirts of Moab, 26-VII-1968, C. A. Triplehorn, on horse dung at night (4 specimens).

It seems incredible that a half century has elapsed between reports of this interesting species. About the only differences between the populations that I could detect were that the erect setae of the dorsal vestiture in those from Moenkopi and Moab are golden rather than black as stated by Wickham and that the mucro of the prosternal process is more acutely prominent in those from Moenkopi and Moab. As Wickham pointed out, the resemblance to the genus Amphidora is striking.

I thank Frank F. Hasbrouck, Arizona State University, for making the Moenkopi specimens available to me and T. J. Spilman, United States Department of Agriculture, for the loan of paratypes of E. barbata in the U. S. National Museum. The specimens upon which the new records are based are deposited in the collections of Arizona State University and The Ohio State University.

REFERENCES

TANNER, VASCO M. 1961. A checklist of the species of Eleodes and descriptions of new species (Coleoptera: Tenebrionidae). Great Basin Nat. 21(3):55-78, Fig. 4.