

CRAWFORD

Two new parasitic Hymenoptera  
from Arizona

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TWO NEW PARASITIC HYMENOPTERA FROM ARIZONA.

BY J. C. CRAWFORD, U. S. National Museum.

*Rileya piercei* n. sp.

*Male.* Length about 2 mm. Black, with the femora except tips black and a broad annulus on hind tibiae, brown; sculpture about as in *R. cecidomyia* but the second abdominal segment occupying most of abdomen. In *cecidomyia* the first and second are short and the third and fourth are almost subequal in length.

Described from one specimen collected on *Thurberia thespesioides*, August 19, 1913, at Fish Creek, Arizona, by Mr. W. D. Pierce, after whom the species is named.

*Type:* Cat. No. 16701, U. S. N. M.

*Chalcura arizonensis* n. sp.

*Female.* Length about 3 mm. Black, with the sculpture about as in *C. gibbosa* Prov. but the dentation on the second joint of the funicle as long as on the first; pedicel concolorous with the funicle instead of light; the transverse rugæ at the inner edge of the lateral lobes of mesoscutum extending on to the shiny disks and these rugæ not so greatly elevated as in *gibbosa*.

Described from one specimen collected by Mr. W. D. Pierce in Stone Cabin Canyon, Santa Rita Mountains, Arizona, August 25, 1913, and with the additional record "ovipositing in bud of *Thurberia thespesioides*."

*Type:* Cat. No. 16702 U. S. N. M.