

A NEW SPECIES OF *ACMAEODERA* FROM ARIZONA

COLEOPTERA: BUPRESTIDAE

JOSEF N. KNULL

Department of Zoology and Entomology, The Ohio State University, Columbus 10

The following species of *Acmaeodera* is sufficiently distinct from described forms to warrant a name.

Acmaeodera hassayampae n. sp.

Male.—Form of *A. hulli* Knull (1928); dark, shining bronze on both surfaces; each elytron containing seven small yellow spots arranged in two lines, one line of four spots starting back of umbone, one at middle and two back of middle; other line near suture starting at middle and two back of middle.

Head with slight depression on front; surface densely, coarsely punctured, clothed with long white recumbent pubescence; antennae serrate starting with fifth segment.

Pronotum wider than long, wider at base than at apex, widest in front of middle; anterior margin sinuate, median lobe broad; basal margin truncate; sides broadly rounded; disk convex, transverse corrugated band at base, deep basal depression each side in front of band; surface in middle with coarse punctures, separated by their own diameters, denser and larger toward sides, long recumbent broadened white hairs in middle, appressed broader white scales toward sides.

Elytra near base wider than widest part of pronotum, widest back of middle; sides rounded at base, constricted back of umbone, widened back of middle, then broadly rounded to suture, margin serrulate on apical fifth; disk convex, umbone prominent, a narrow transverse basal depression; surface striately punctured, punctures separated by less than own diameters and diminishing in size toward apex, interspaces with line of minute punctures with a broadened hair arising from each, hairs slightly broader toward apex, broad branched appressed scales extending along sides from base four-fifths distance to apex.

Beneath clothed with broad appressed branched scales, meso- and metasternal epimera clothed with long recumbent white hairs, posterior margins of third and fourth ventral segments with long recumbent hairs. Anterior margin of prosternum retracted from side margin, with a stout rounded tooth on each side of middle.

Length 6.4 mm; width 2.1 mm.

Female.—Slightly larger than male, last three ventral abdominal segments densely, minutely punctate, a long recurved hair arising from each puncture.

Holotype ♂, allotype, and paratypes collected at Wickenburg, Arizona, June 16, 1937; also June 29, 1939, by D. J. and J. N. Knull; in my collection. Paratypes in collection of The Ohio State University.

Variations.—Yellow spots of elytra are variable in size and placement. Sometimes an extra spot along suture near base is present, or spots may be united. Length varies from 4.8 to 7.7 mm.

This species is close to *A. varipilis* Van D. (1934), which is more elongate, has wider, more coarsely sculptured pronotum. From *A. hualpaiana* Knull (1952) it differs by having posternal margin with a well developed tooth each side. *A. hualpaiana* has a median truncate lobe. From *A. hulli* Knull it differs by having two rows of yellow markings on each elytron instead of one row, is less shining and spatulate scales toward apices of elytra are narrower.

REFERENCES

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