A NEW SPECIES OF *DESMOPACHRIA* (S. STR.)
FROM THE ANTILLEAN-CARIBBEAN REGION
(COLEOPTERA: DYTISCIDAE)*

BY FRANK N. YOUNG**

The small beetle described below is probably classified in many collections as either *Desmopachria grana* (Aubé) or *Desmopachria nitida* Babington. However, the male external genitalia (Fig. 1) are unique among the species of the typical subgenus of *Desmopachria*. The species is closest to *Desmopachria glabricula* Sharp, but the genitalia are distinctive (Fig. 2).

I take pleasure in dedicating this species to my friend and mentor, the late Phillip J. Darlington, Jr.

***Desmopachria* (s. str.) *darlingtoni* sp. nov.**

Diagnosis: a small species resembling *Desmopachria* (s. str.) *grana* LeConte, but more oval, more attenuate behind in dorsal aspect, and with a vague sutural stria of coarse punctures. The male genitalia (Fig. 1) are unique.

Holotype Male: ovate, attenuate behind in dorsal aspect. Total length 1.36 mm; greatest width near middle third of elytra about 0.88 mm; width of pronotum at base 0.64 mm; width of pronotal apex about 0.40 mm; length of pronotum at midline about 0.24 mm. **Head** finely and rather sparsely punctate with a few irregular larger punctures; clypeal impressions with coarser punctures extending backward almost straight from the margin and not reaching or curving toward the margins of the eyes. No visible *microsculpture* on head, body, or other parts at 90× magnification. **Pronotum** with punctation on disk similar to that of disk of head, but with slightly irregular, coarser, and closer punctations along anterior and posterior margins. **Elytra** with setigerous punctures about as coarse or coarser than those of anterior and posterior pronotal margins; tiny setae visible on disk at 90× magnification; elytral punctures on disk

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in irregular rows, the rows nearest suture somewhat impressed suggesting vague sutural striae; elytral punctation finer and sparser laterally and posteriorly as unusual. *Coxal lamina* and *abdominal sternites* very finely almost imperceptibly punctate, shining; last visible sternite with some coarser punctures. *Color* of head and pronotum largely clear yellowish brown or brownish yellow, the pronotum narrowly darker along base. Elytra dark reddish brown darker along suture; venter light yellowish brown, darker along sutures as usual.

Allotype female similar to male in punctation and body shape, but somewhat lighter colored on elytra which, however, contrast with the lighter pronotum and head. Prosternal process similar to male. Size similar, total length 1.44 mm; greatest width near basal one-third of elytra about 0.88 mm; pronotal base about 0.68; pronotal apex about 0.40 mm; pronotum at midline about 0.28 mm.

Variation: The male genitalia appear to be identical over a wide area in the Antilles and northern Colombia. Some specimens in the paratype series have vague suggestions of lighter markings on the elytra, but in the holotype the markings appear to be due to transmitted light through the integument reflecting internal structures. Nearly all specimens seen except the holotype are slightly teneral. The vague sutural stria is also variable.

Fig. 1. *Desmopachria darlingtoni* sp. nov., ventral aspect in copulatory position of male external genitalia. Holotype male.

Fig. 2. *Desmopachria glabricula* Sharp, same.

Holotype and allotype from: Jamaica, Ochs Rio, August 20–24, 1934, P. J. Darlington, Jr. in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts (MCZ).

Paratypes (45) from: *Cuba*, Oriente Province, Baracoa, 12 July, 1936, PJD Jr. MCZ (2) Dominican Republic Sanchez, July 1938 (19) PJD Jr. MCZ. *Haiti*, Miragone, 2 Nov. 1934 PJD Jr. (2) MCZ; Etang Lachauz, S. W. Peninsula under 1000 ft., 26 Oct. 1937, PJD Jr. (2) MCZ. *Colombia*, Magdalena, Aracateca, PJD Jr. (8) MCZ; Magdalena, Rio Frio, PJD Jr. (12) MCZ.