

BRACHINUS ATBARAE N. SP. (COLEOPTERA, CARABIDAE)¹

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This species is very similar to *B. fumans* (Fab.) in many respects and would key to that species in the papers of Leconte, '62, Chaudoir, '68, and Blatchley, '10. The elytra are deep violet blue and the rest of the body is reddish brown with the exception of the metepimera, metepisterna and outer sixth of the abdominal segments which are blackish. The clypeus is much more convex than in *B. fumans* and the frontal striae of the head are less deeply impressed and although somewhat rugose have only a few obsolete punctures in them. These punctures are more numerous and much more distinct in *B. fumans*. The head is very smooth discally and the punctures of the area posterior to the eyes are much weaker and less numerous than in *B. fumans*. The prothorax is slightly wider in proportion to the length (6 : 5) than in *B. fumans* (5.5 : 5), the sinuation before the hind angles is greater and the hind angles are more prominent. The punctures of the prothorax are much less distinct than in *B. fumans*, but the rugosity, median line, and transverse impressions are very similar. The scutellum is finely rugose and is medially sulcate on its posterior half, whereas in *B. fumans* this sclerite is finely rugose but is not sulcate. The costae of the elytra are less developed than in *B. fumans*, and the punctation is similar, but the hairs are shorter and less conspicuous. The next to the last dorsal abdominal segment of the male of *B. atbarae* has a very short rather blunt carina which ends in a blunt denticle on the middle of the posterior margin. There is no trace of this structure in the female and it is not present in either sex of *B. fumans*. Length: 11 to 12 mm.

Holotype male: Atbara, B. C., Canada, 24-IV-'45, G. Stace Smith, Coll.

Allotype female: Atbara, B. C., Canada, 7-V-'46, G. Stace Smith, Coll.

Paratypes: Atbara, B. C., Canada: 1 female, 26-IX-'44; 1 male, 27-IX-'44; 1 male 20-VI-'46; 1 female, 24-VI-'46; 2 males, 1 female, 5-VII-'46; 2 males, 3 females, 21-VII-'46; 1 male, 20-IX-'46. All collected by G. Stace Smith.

The Holotype, Allotype, and 5 paratypes are in possession of the author and 8 paratypes are in the collection of Mr. G. Stace Smith.

The author is indebted to Mr. G. Stace Smith, of Creston, B. C., for the opportunity to study this species. Mr. H. B. Leech had previously recognized the species as near *B. fumans* (Fab.).

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