

XXIX.—New species of Staphylinidae from Borneo. By MALCOLM CAMERON, M.B., R.N., F.E.S.

PART II.

ALEOCHARINÆ.

OUSILUSA BRUNNEA n. sp.

Shining; head black, thorax, elytra and abdomen dark pitchy-brown the posterior margins of the segments lighter. Antennæ black, the first two joints testaceous. Maxillary palpi with 3rd joint black. Legs brown, tarsi testaceous. Length 3.2 mm.

A rather large, robust, dark brown species, much larger and darker than the two species described by me from Singapore, but similar anatomically. Head narrower than thorax, closely covered with rather large umbilicate punctures. Antennæ rather long, gradually thickened towards apex, 2nd and 3rd joints subequal, 4th to 7th longer than broad, gradually decreasing in length and increasing in width, 8th to 10th about as long as broad or slightly transverse, 11th long, conical, a little longer than the two preceding together. Thorax transverse, widest at the middle, the sides rounded and narrowed in front, straighter behind, the posterior angles obtuse, disc with a deep V-shaped impression in the posterior half, arising from a deep fovea in front of the scutellum; sculpture granular, moderately fine, close, sparingly pubescent. Elytra much broader than the thorax, convex, transverse, closely covered with rather coarse pointed granules, much coarser than those of the thorax. Abdomen a little narrowed behind, the first three visible segments each with three transverse rows of fine punctures, one at the base, another behind the middle and other along the margin, otherwise smooth and shining, the 5th finely and irregularly punctured, the 6th finely but much more closely punctured.

♂. 5th (visible) dorsal segment with two small tubercles close together near posterior border. 6th rather broadly emarginate, the emargination with four minute teeth and limited on either side by a larger tooth.

Tutau River, four specimens.

OUSILUSA CRASSICORNIS n. sp.

Near the preceding, but much smaller and narrower, the antennæ shorter and stouter, the 4th to 10th joints distinctly transverse, the 11th nearly as long as the three preceding together; the head less shining, much less coarsely and much more superficially punctured; thorax pitchy-brown, greasy-lustrous, not granulate, but with close superficial umbilicate punctures as on the head; the dorsal impression more U-shaped. The sculpture of the elytra is similar in character but much finer than in the preceding species. Abdomen yellowish-red, finely and sparingly punctured towards the margins of the segments, the bases impunctate. Length 2 mm.

♂. 6th (visible) dorsal segment very feebly emarginate and scarcely perceptibly denticulate. 6th ventral segment produced, narrowed and rounded at apex.

Tutau River, one specimen.

PLAGIUSA BORNEENSIS n. sp.

Subopaque, black, abdomen shining the posterior margins of the segments obscurely rufescent. Antennæ black, the 1st, 2nd and 11th joints reddish-testaceous. Femora dark brown, tibiæ and tarsi reddish-testaceous. Length 3.3 mm.

Very distinct from all the recognised species of this genus by the black colour and large size.

Head subpentagonal, black, subopaque, closely covered with moderately coarse granules; eyes rather prominent. Antennæ long, gradually thickened towards apex, the 2nd joint a little shorter than 3rd, elongate, 4th to 8th all distinctly longer than broad, gradually decreasing in length, the 9th scarcely longer than broad, 10th as long as broad, 11th scarcely as long as the two preceding together. Thorax transverse, widest before the middle, the sides rounded in front, rather strongly, arcuately narrowed behind, the posterior angles slightly obtuse, prominent; base before the scutellum with a small fovea; sculpture as on the head.

Elytra a good deal broader than, but about as long as the thorax, transverse with close and coarser granular sculpture than on the fore-parts except for a space adjacent to the middle of the posterior border which is shining and more sparingly granulate. Abdomen very shining, the bases of the first 3 visible segments a little constricted and strongly transversely impressed, the bases of the first 4 visible segments each with a transverse row of very fine and well separated punctures, 5th and 6th segments with a few fine scattered punctures, very sparingly pubescent.

♂ (?). 8th dorsal segment narrowed and crescentically emarginate.

Mt. Murud, 7000 to 8000, two specimens.

BRACHIDA ROBUSTA n. sp.

Convex, broad, robust, shining rufo-testaceous, the elytra scarcely infusate posteriorly. Antennæ black, the first 3 joints and the last, testaceous. Legs testaceous. Length 3 mm. Very similar in size, build and antennal structure to *B. reyi* Shp., but the elytra are less closely punctured and the abdomen more densely and finely punctured. Head transverse, extremely finely and very sparingly punctured, eyes large, temples short. Antennæ with the first 3 joints slender and elongate, the 3rd a little shorter than 2nd, 4th a little broader, about as long as broad, 5th to 9th stouter, all a little longer than broad, gradually decreasing in length, 10th about as long as broad, 11th elongate, oval. Thorax strongly transverse, widest at the middle, the sides rounded, more narrowed in front, posterior angles rounded, extremely finely and sparingly punctured and with sparse rather coarse yellow pubescence. Elytra scarcely as long as but wider than the thorax, transverse, closely, finely subasperately punctured and with pubescence as on thorax. Abdomen a little narrowed behind, finely and closely punctured and pubescent throughout.

Sungei Tutau, with Ants, one specimen.

(?) *GYROPHÆNA* (s. str.) *metallescens* n. sp.

Shining bronze-black, elytra testaceous (with brassy reflex in certain lights), the postero-external angles more or less infusate. Abdomen black, the first two visible segments clear yellow. Antennæ long, black, the first 3 joints testaceous. Legs testaceous. Length 3 mm. I place this

insect somewhat doubtfully in *Gyrophæna*, the tarsi and mouth parts (so far as can be seen without dissection) appertain to this genus as also the form of the head; the thorax, however, is very like in build that of *Euypeta labilis* Er., but rather more transverse, and so does not conform to the type found in this genus. Head strongly transverse, retracted behind the eyes, with 4 or 5 small punctures before the base, otherwise impunctate. Antennæ with the 3rd joint shorter and more slender than 2nd, 4th small, transverse, 5th to 10th all distinctly longer than broad, gradually decreasing in length, 11th conical, longer than 10th. Thorax slightly transverse, the sides rounded in front almost straight behind, disc with a row of 4 fine punctures on either side and a much larger one near the base externally, the sides with 2 or 3 fine punctures, otherwise without sculpture. Elytra scarcely longer but broader than the thorax, transverse, moderately finely and moderately closely, simply punctured, much more finely at the postero-external angles. Abdomen exceedingly finely and exceedingly sparingly punctured, practically impunctate.

Tutau River, a single specimen.

BRACHIDAMORPHA n. gen.

Facies of *Brachida* Muls., labrum transverse, feebly emarginate at the middle of the anterior border, the antero-external angles rounded. Mandibles moderate, lightly curved, pointed, the right with 3, the left with one small sharp tooth. Maxillary palpi with 1st joint small, 2nd elongate, curved, slightly thickened towards apex, 3rd short, oval, shorter but much thicker than the preceeding, 4th small, subulate.

Inner lobe of maxilla strongly curved at apex, pointed, with 5 or 6 moderately long spines towards the base, ciliate proximally. Tongue narrow and elongate, extending to the level of the apex of the 2nd joint of the labial palpi. Slightly widened in front and split nearly to the middle. Labial palpi distinctly 3-jointed, 1st joint short and stout, very little longer than broad, the 2nd much narrower and much shorter than the 1st, a little longer than broad, 3rd a little narrower and twice as long as 2nd. Paraglossæ feeble, extending to the apex of the 1st joint of the labial palpi. Temples finely bordered below. Prothoracic epipleuræ not visible when viewed laterally. Mesosternal process acute, extending two-

thirds the length of the coxæ and meeting the acute metasternal process. Intermediate coxæ narrowly separated. Tarsi 4, 4, 5. The anterior pair with first 3 joints very short, subequal, 4th longer than the preceding together. Intermediate similar to the first, but a little longer. Posterior with the first 4 joints gradually decreasing in length, the 1st not as long as 2nd and 3rd together. Tibiæ finely ciliate. Elytra not sinuate at the postero-external angles. Antennæ thickened from the 4th joint. Type *rufescens*.

BRACHIDAMORPHA RUFESCENS n. sp.

Moderately shining, widest at the middle, narrowed in front and behind; head and thorax reddish-testaceous, elytra and abdomen pitchy brown, the former obscurely reddish at the shoulders. Length 1.75 mm. Head transverse, much narrower than the thorax, finely, moderately closely punctured and finely pubescent. Antennæ with the 1st and 2nd joints stouter than the following, the 3rd shorter and more slender than 2nd, 4th very small, transverse, 5th to 10th transverse, gradually increasing in breadth and forming a club, the penultimate joints more than twice as broad as long. Thorax strongly transverse the sides evenly rounded, narrower in front than behind, posterior angles rounded, rather more finely and more superficially punctured than the head.

Elytra longer and wider than the thorax, transverse, very finely and closely punctured, more finely than the fore-parts. Abdomen gradually narrowed from base to apex, very finely and rather closely punctured and pubescent throughout.

Mt. Dulit, 3000 feet, three specimens.

AMAURODERA SIMILIS n. sp.

Extremely like the ♀ *A. bomfordi* Epp., in colour and build differing only in the following respects: the smaller size (4 mm.) antennæ with joints 4 to 9 black, head more broadly rounded behind the eyes and so less attenuated, the thorax with much deeper and more distinct sulcus through nearly the whole length, the apices of the femora darker.

Mt. Dulit, 3500 feet, a single specimen.

FALAGRIA (s. str.) *MONTICOLA* n. sp.

Very similar to *F. dimidiata* Motsch., of similar colour and lustre, but larger, the temples completely coarctate with base, more sparingly and obsoletely punctured, the antennæ distinctly longer but similarly constructed, the individual joints longer, the thorax not at all flattened in the middle in front so that the sulcus does not appear to open out, and more obsoletely punctured, elytra rather less closely punctured. Length 3.5 mm.

Mt. Dulit, 3500 feet, three specimens.

TACHYUSA ASPERATA N. SP.

Subopaque, pitchy, densely, finely sculptured and pubescent throughout. Abdomen scarcely constricted at the base. Scutellum, base and apical margins of the elytra testaceous-yellow. Antennæ pitchy, the first 3 joints and the last, testaceous. Femora pitchy, the tibiae and tarsi testaceous. Length 2.75 mm. Very similar in build to *T. scitula* Er., but more opaque, and differently coloured and sculptured.

Head black, closely and finely granulate, finely pubescent. Antennæ rather long, slender, all the joints longer than broad, the third longer than 2nd. Thorax scarcely transverse, rounded in front, widest a little behind the anterior angles, more strongly narrowed and feebly arcuate behind, posterior angles obtuse; before the scutellum with a small fovea; similarly sculptured to the head. Elytra broader but as long as the thorax, slightly transverse, equally densely but more finely sculptured than the fore parts, finely pubescent. Abdomen with the first 2 segments transversely impressed, very finely and very closely punctured and pubescent throughout, scarcely more sparingly behind.

Mt. Dulit, 3000 feet, a single specimen.

ATHETA (*ACROTONA*) *MJÖBERGI* n. sp.

Pitchy, moderately shining, elytra and abdomen brownish-testaceous the former a little infusate at the base. Antennæ with the first 3 joints testaceous. Legs testaceous. Length 2 mm.

A narrow fragile species with the facies of *Oxypoda exigua* Er. Head black, very finely, closely, asperately sculptured.

Antennæ slender, the 3rd joint as long as 2nd, 4th and 5th scarcely longer than broad, 6th to 10th slightly transverse not increasing in width, 11th broader and about as long as the two preceding together. Thorax transverse, widest at the level of the middle and posterior thirds, the sides rounded and narrowed anteriorly, less so behind, the posterior angles rounded, the whole surface covered with fine, close, granular sculpture, distinctly and finely pubescent. Elytra as long as but slightly broader than the thorax, transverse, very similarly sculptured to the thorax, finely pubescent. Abdomen gradually narrowed from base to apex, extremely finely and closely punctured, a little more sparingly behind, finely and closely pubescent.

Sungei Serambo, one specimen.

ASTILBUS BORNEENSIS n. sp.

Black, shining, the head thorax and elytra with distinct metallic-bronze reflex.

Antennæ with the first 2 joints reddish-testaceous. Legs reddish-testaceous, the apex of the femora narrowly infusate. Length 5.2 mm. Build of *A. laevicauda* Bernh., but much larger, more robust and differently coloured. Head transverse, with the large eyes as broad as the thorax, finely, superficially and moderately closely punctured. Antennæ with 3rd joint distinctly longer than 2nd, 4th slightly longer than broad, 5th to 10th transverse gradually increasing in breadth, 11th oval oblong, longer than 9th and 10th together. Thorax scarcely broader than long, the sides sinuately narrowed behind, rounded and less narrowed in front, the posterior angles obtuse, in front of the scutellum with a fovea continued as a distinct median groove nearly to the anterior margin, posterior half of the disc also broadly impressed, puncturation closer, less fine and less superficial than that of the head, distinctly pubescent. Elytra broader but scarcely as long as the thorax, closely and less finely punctured, finely pubescent. Abdomen shining, practically impunctate and glabrous.

♂. 8th dorsal segment crescentically excised in the middle of the posterior margin and furnished with 3 or 4 moderate crenulations, the rest of the margin finely and closely crenulate, on either side with a small tooth externally.

Mt. Murud, five specimens.

ASTILBUS VELUTICOLLIS n. sp.

Head black, shining, thorax pitchy-brown, opaque densely punctured; elytra pitchy-black, shining; abdomen shining, reddish-testaceous, more or less infusate along the middle line, the 5th (visible) segment pitchy. Antennæ with 2nd and 11th joints testaceous, the rest more or less infusate. Legs testaceous. Length 3 mm. Head transversely subquadrate, with the large eyes as broad as the thorax, very finely and very sparingly punctured. Antennæ with 3rd joint longer than 2nd, the following all much longer than broad, 11th nearly twice as long as 10th.

Thorax distinctly transverse, widest behind the anterior angles, distinctly sinuate and narrowed behind, the posterior angles a little prominent and rounded, very closely and moderately finely punctured. Elytra considerably broader but along the suture about as long as the thorax, transverse, very finely but not very closely punctured and pubescent. Abdomen narrowed behind, the sides strongly elevated, practically impunctate.

♂. 7th dorsal segment deeply, coarsely and closely punctured; 8th distinctly crenulate along the posterior margin.

Mt. Dulit, 3500 feet above sea, a single specimen.

ASTILBUS STRIGICOLLIS n. sp.

Shining pitchy-black; elytra pitchy-brown; abdomen with the anterior margins of the first 2 (visible) segments rather broadly, the posterior narrowly, testaceous. Antennæ testaceous, the intermediate joints more or less infusate. Legs pitchy, femora at base and the tarsi testaceous. Length 3.2 mm.

Head transverse, a little narrower than the thorax, the eyes large, temples short, coarctate with the base, almost impunctate. Antennæ rather long, scarcely thickened towards apex, the 3rd joint longer than 2nd, 4th to 10th all distinctly longer than broad, gradually decreasing in length, 11th longer than 10th. Thorax longer than broad, convex, the sides narrowed and sinuate before the obtuse posterior angles, rounded in front, widest at the level of the 1st and 2nd thirds, before the scutellum with a deep, shining fovea, the rest of the surface except the extreme margins rather coarsely, closely, longitudinally strigose, the ridges more or less interrupted.

Elytra shorter and broader than the thorax, transverse, closely covered with short longitudinal granules, except at the posterior margin and epipleuræ which are without sculpture. Abdomen with a few setiferous punctures along the posterior margins of the segments otherwise without sculpture or pubescence.

Mt. Dulit, 3500 feet above the sea, a single specimen.

MYRMEDONIA BORNEENSIS n. sp.

Very shining; head black; thorax pitchy-brown the sides lighter; elytra pitchy, the base and disc more or less pitchy-testaceous; abdomen pitchy-testaceous the posterior margins of the segments and the apex more or less testaceous. Antennæ black, the 1st joint pitchy or pitchy-testaceous, 2nd testaceous. Legs testaceous. Length 5 mm.

Of the build of *M. semiflava* Bernh., but larger and more robust, the colour of the abdomen more obscure, the antennæ longer and less stout, the puncturation of the thorax a little finer, that of the elytra finer and more asperate. Head transverse a little narrower than the thorax, black, shining, the middle of the disc impressed, umbonate between the antennal tubercles, very finely, sparingly punctured especially in front, finely shagreened. Antennæ with the 1st joint long and thickened apically, 2nd much shorter, 3rd longer than 2nd, 4th to 6th a little longer than broad, gradually decreasing in length, 7th and 8th about as long as broad, 9th and 10th transverse, 11th as long as the two preceding together. Thorax a little broader than long, widest at the rounded anterior angles, nearly straightly, narrowed behind to the posterior angles which are furnished with a small sharp tooth; middle of the disc broadly and deeply impressed, especially behind, along the sides likewise broadly but less deeply impressed, very finely and very sparingly punctured and without ground sculpture. Elytra scarcely longer but broader than the thorax, scarcely transverse, closely, moderately finely punctured. Abdomen practically impunctate on the disc, very finely transversely strigose.

♂. 7th dorsal segment in the middle with a transverse row of 4 minute granules; before the posterior border with 4 small granules, of which the median pair are occasionally united to form a larger tubercle. 8th dorsal segment crescen-

tically excised from side to side, the margin scarcely visibly crenulate.

? district.

LEUCOCRASPEDUM ROBUSTUM n. sp.

Robust, shining, convex, rufo-ferruginous, the margins of the abdominal segments and apex testaceous. Antennæ and legs testaceous. Length 2.5 mm.

From the description would appear to be near *L. rufum* Fauv., but smaller, with shorter antennæ, the 8th to 10th joints being slightly transverse. The thorax is very finely and closely punctured and with a fine yellow pubescence; the elytra transverse, narrowed behind, less finely punctured than the thorax, and similarly pubescent, the abdomen is strongly pointed, closely and finely punctured and pubescent throughout, the sides with long black setæ.

Mt. Dulit, 3500 feet, a single specimen.

PSEUDOPLANDRIA RUFICOLLIS n. sp.

Shining, head black or more or less rufescent; thorax entirely, base of elytra more or less broadly red, posteriorly infusate; abdomen pitchy-black, the 1st (visible) segment more or less, the posterior and side margins of the following reddish-testaceous. Antennæ blackish, the first 3 joints testaceous. Legs testaceous. Length 2.4 mm. A little more robust in build than *P. (Hoplandria) frugivora* Cam., with longer antennæ, different colour and much finer and more sparing puncturation. Head transverse, eyes large, extremely finely and extremely sparingly punctured. Antennæ rather stout, 2nd and 3rd joints of equal length, 4th and 5th slightly longer than broad, 6th to 8th as long as broad, 9th and 10th transverse, 11th conical as long as the two preceding together. Thorax distinctly transverse the sides evenly rounded, the disc with 4 quadrately placed punctures, otherwise impunctate and glabrous. Elytra a little longer and broader than the thorax, slightly transverse, very finely, but not closely punctured, pubescence yellow, sparing. Abdomen with the posterior margins of the segments with some very fine punctures arranged transversely in 2 rows, otherwise practically impunctate, pubescence very scanty, yellow.

Mt. Dulit, 3500 feet, two specimens.



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