

Fauna Javanica

The Staphylinidae collected by Mr. F. C. Drescher

by

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(Continued from Tijdschr. voor Ent. Deel vol. 80, 1937, p. 37)

Part III.

Corrigenda.

Vol. 80, 1937, p. 4, line 14, for *Othius* read *Metolinus*.

Aleocharinae.

Leucocraspedum Kr.

scorpio Blackb. (*nigrum* Cam.) Malabar. Preanger, G. Pantjalikan, alt. 400 m. Also in Australia, Singapore, Ceylon, India.

Pronomaea Er.

thaxteri Bernh. Batoerraden, G. Slamet, VII, VIII, 1926. Also in the Philippines.

Gyrophæna Mannerh.

metallescens Cam. G. Tangkoeban Prahoe, alt. 4000—5000 feet. VI. 1933. Also in Borneo.

tropica Cam. G. Tangkoeban Prahoe, alt. 4000—5000 feet. 8.IX.1934. Also in Malaya.

Gyrophæna (s. str.) *drescheri* sp. nov.

Shining, black, the head and thorax with slight greenish reflex; elytra pitchy often lighter at the shoulders. Antennae and legs reddish yellow. Length 2.5—2.75 mm.

In build similar to *gentilis* Er. but differing in all other respects. Head broad, a little narrower than the thorax, smooth in the middle, on each side with 6 or 7 moderate punctures: ground sculpture absent. Antennae with the 4th joint small, transverse, the 5th to 10th all longer than broad, decreasing in length, the penultimate only slightly longer than broad, the 11th a little longer than the 10th. Thorax transverse (4.5 : 3) formed as in *gentilis*, the sides gently rounded, on each side of the middle with an irregular row of 6 or 7 small punctures, the pre-basal ones the largest, occasionally between the rows with one or two others, externally with two or three more; ground sculpture absent. Elytra broader and

a little longer than the thorax, rather closely and rather finely punctured and with a fine ground sculpture. Abdomen very finely, rather sparingly punctured anteriorly, almost impunctate behind.

♂ : 8th tergite with a large tubercle on the middle of the posterior margin, on each side with a short broad cultriform process.

G. Tangkoeban Prahoe, alt. 4000—5000 feet : 17.XII.1932.

Ousilusa Cam.

sumatrensis Bernh. (*Diestota*) Batoerraden. G. Slamet. VII, VIII, 1926. Also in Sumatra.

Plagiusa Bernh.

leptocera Fauv. (*Silusa*) (*philippina* Bernh.) Batoerraden. G. Slamet, 30.VIII.1926. Also in Sumatra, Malaya and the Philippines.

granulata Cam. (*Ditropalia*) Batoerraden. G. Slamet. 30.VIII.1926 IV. 1928. Also in Sumatra.

Stenomastax Cam.

nigrescens Fauv. (*Homalota*) (*fuscipes* Cam.) Batoerraden. G. Slamet, VIII.1926. Also in Sumatra, Malaya, Borneo, and India.

Coenonica Kr.

Coenonica drescheri sp. nov.

Black, the fore-parts moderately, abdomen strongly shining ; elytra pitchy-black. Antennae black, the first two joints brownish-yellow. Legs pitchy, the tarsi yellowish. Length 2.5 mm.

Near *philippina* Bernh. but differently coloured, the thorax narrower, the sculpture on the disc not granular as in *philippina* but elsewhere of similar character. Head broad, only a little narrower than the thorax (3.5 : 4), closely covered with rather large umbilicate punctures. Antennae moderate, thickened towards apex, the 3rd joint a little longer than the 2nd, 4th as long as broad, 5th to 10th gradually more transverse, the penultimate about twice as broad as long, the 11th stout, a little longer than the 9th and 10th together. Thorax slightly transverse (4 : 3.2), convex, the sides gently rounded and a little more retracted in front, the posterior angles obtusely rounded, the disc with two nearly parallel sulci united in a fovea at the base and extending forwards to a little beyond the middle, the puncturation on the disc rather close, moderately fine, at the sides closely granular. Elytra a little longer (4 : 3.2) and a good deal broader than the

thorax, transverse, closely covered with granules which are however less coarse than in *philippina*.

Abdomen a little narrowed before the apex, the puncturation very fine and very scanty, very sparingly pubescent. The fore-parts with rather long and moderately close pubescence.

♂ : 7th tergite with two little tubercles close together at the posterior margin ; 8th truncate or very slightly emarginate and furnished with four little teeth, on each side with a slightly larger one ; at the middle near base with two tubercles. These characters are similar in *philippina* but are not mentioned in the description. Idjen Plateau, alt. 1100 m. VII.1936. Batoerraden. G. Slamet, VIII.1926.

Coenonica jacobsoni sp. nov.

Shining, black, the elytra with a broad triangular yellow marking extending from the base to the postero-internal angle. Antennae black, the first three joints reddish. Legs reddish yellow, the femora infusate. Length 4 mm.

Near *malayana* Cam. but at once distinguished by the more extensively black elytra, the head also is broader, but very similarly punctured, the penultimate joints of the antennae more transverse ; thorax broader, elytra rather more coarsely punctured. Head subpentagonal, narrower than the thorax, closely covered with coarse punctures except in front and behind which areas are impunctate : ground sculpture absent. Antennae with the 3rd joint a little longer than the 2nd, 4th small, about as long as broad, 5th to 10th strongly transverse. Thorax transverse (5.75 : 4), convex, the sides rounded in front, straighter and retracted behind, the posterior angles obtusely rounded, the base before the scutellum produced backwards as a short broad lobe and with a superficial transverse impression, the disc rather closely covered with rather large umbilicate punctures which are much more sparing towards the sides ; ground sculpture absent. Elytra longer (6 : 4) and broader than the thorax, rather closely and coarsely punctured, the punctures more superficial than on the thorax. Abdomen a little narrowed before the apex, the first three visible segments closely punctured at the bases more sparingly elsewhere, the punctures moderately coarse, the two following much more sparingly and finely punctured, the last less finely and more closely. Pubescence throughout long, yellow and scanty.

♂ : 8th tergite with a broad nearly truncate plate in the middle, on each side with a slender spine not extending quite so far back as the posterior margin of the plate and separated from it by a narrow acute triangular emargination.

G. Tikorai, Bandjarwangi, alt. 900 m. X.1934. (Jacobson). Unique.

Silusa Er.

Silusa (Stenusa) javanica sp. n.

Moderately shining, head, elytra and 4th visible abdominal segment black, the thorax and rest of the abdomen red. Antennae yellowish red. Legs reddish yellow. Length 2.5—2.75 mm.

A rather narrow parallel species. Head narrower than the thorax, smooth in front, elsewhere rather closely covered with small, superficial, umbilicate punctures and finely coriaceous. Antennae short; the 3rd joint as long as the 2nd, 4th to 10th gradually more transverse, the penultimate about twice as broad as long. Thorax about a half broader than long, the sides rounded in front, retracted and straight behind, the posterior angles obtuse, before the scutellum with a small transverse impression, the puncturation rather fine, asperate and moderately close, ground sculpture absent. Elytra slightly longer and broader than the thorax, emarginate postero-externally, the puncturation a little coarser than on the thorax, rather close and asperate. Abdomen finely and sparingly punctured on the first three segments, almost impunctate on the following, finely coriaceous. Pubescence on the fore-parts fine, yellow, moderately close.

Preanger: G. Wajang, alt. 1800 m. 23.VI.34.

Cordalia Jacobs.

vestita Boh. G. Tangkoeban Prahoe, 2.VIII.34. Widely distributed in the Oriental region.

Falagria Mannerh.

concinna Er. (*Stenagria*) G. Tangkoeban Prahoe, alt. 4000—5000 ft. 9.III-12.IV.1933. Tjilatjap. II, III, IV.1925. Widely distributed throughout the world.

orientalis Cam. (*Stenagria*) G. Goentoer, 20/26.IX.1925. G. Tangkoeban Prahoe, alt. 4000—5000 feet, 14.I.1930, II.1932. 19/31.I.1933. Also in Sumatra and Assam.

semitens Cam. (*Stenagria*) G. Slamet, V.1925. Batoerraden, 28.VII.1926. Also in Borneo and Sumatra.

subrugosa Kr. (*Anaulacaspis*) G. Tangkoeban Prahoe, alt. 4000—5000 feet. 4.X.1934. Also in Sumatra, Borneo and Ceylon.

Falagria (Stenagria) javanica sp. nov.

Very similar to *concinna* Er. of the same size, build and colour, but differing in the following respects; the head is rounder, the puncturation distinctly closer, fine and asperate, the antennae with the penultimate joints slightly longer,

the thorax especially in the region of the sulcus more closely and distinctly asperately punctured, the elytra a little less finely and a little less closely punctured. The abdomen as in *concinna*.

Telegawarna, Mt. Poentjak, alt. 1480 m. 29.III.36.

Falagria (Stenagria) vexans sp. nov.

Build size and colour of *flavocincta* Kr. but differs in the longer and more slender antennae, the intermediate joints being infusate, the puncturation of the elytra equally fine but closer. From *orientalis* Cam. it is distinguished by the smaller size (4 mm.) and broader, more transverse head, the antennae however, scarcely differ and the puncturation of the two species is similar. The colour of the head and thorax varies in the three species from lighter to darker brown and they are all referable to the subgenus *Stenagria*.

Tjilatjap. G. Tjikodai. Bandjarwangi. X.1934.

Falagria (Stenagria) latesulcata sp. nov.

Shining; head and thorax yellowish red; elytra yellow; abdomen with the first two visible segments and the last yellow, the rest pitchy brown with the posterior and lateral margins yellowish. Antennae reddish, the first three joints yellowish red. Legs yellow, the tibiae blackish, the femora slightly infusate towards the apex. Length 4 mm.

Readily recognised by the colour and broadly impressed disc of thorax. Head orbicular, narrower than the thorax, the disc broadly impressed and finely and closely punctured, elsewhere impunctate; ground sculpture feeble. Antennae long and slender, the intermediate joints much longer than broad, cylindrical, the 9th and 10th distinctly longer than broad. Thorax slightly longer than broad, the sides strongly dilated and rounded in front, strongly retracted behind, the posterior angles dentiform the disc broadly impressed along the whole length, the fundus of the impression narrowly and deeply sulcate, the impressed area finely, closely and rather obsoletely punctured, elsewhere practically impunctate. Elytra as long as but a good deal broader than the thorax, very finely, not very closely punctured. Abdomen very finely and very sparingly punctured on the anterior segments, much more closely on the last two.

G. Tangkoeban Prahoe, alt. 4000—5000 feet. X.1935.

Unique.

Atheta Thoms.

Sub-gen. *Stictatheta* nov.

In build much resembling *Coenonica puncticollis* Kr. Head broad, the puncturation umbilicate the temples only bordered behind. Antennae with the penultimate joints distinctly trans-

verse. Thorax distinctly transverse, the pronotal epipleura visible from the side, before the scutellum with a pair of small foveae, behind the middle of the anterior border with another pair. Mesosternal process acute extending about two-thirds the length of the coxae, its apex briefly rounded, the coxae narrowly separated. Elytra not emarginate. Abdomen parallel, the first three visible tergites transversely impressed at base. Setae of the middle and posterior tibiae feeble to moderate.

Atheta (Stictatheta) quadripunctula sp. nov.

Moderately shining; head and abdomen black, the thorax and elytra pitchy black. Antennae and legs reddish yellow, the last joint of the former infusate. Length 3 mm.

Parallel, Head broad, a little narrower than the thorax, the eyes large, very closely covered with small superficial umbilicate punctures; finely coriaceous. Antennae with the 3rd joint a little longer than the 2nd, 4th and 5th slightly longer than broad, 6th and 7th as long as broad, 8th to 10th transverse, 11th as long as the 9th and 10th together. Thorax convex, transverse (4.75 : 3.75), the sides gently rounded, more retracted behind, the posterior angles rounded, before the scutellum with a pair of foveae, behind the middle of the anterior border with another pair, more externally, a little behind the rounded anterior angles with one; puncturation fine, very close and superficial. Elytra longer (4.5 : 3.75) and a little broader than the thorax, very finely, very closely asperately punctured, at the base near the shoulder with a larger puncture and a little behind this with another. Abdomen parallel, very finely, moderately closely punctured on the anterior segments, gradually more sparingly behind. Pubescence very fine, short and close on the thorax and elytra, longer and more sparing on the abdomen.

♂ : 8th tergite narrowed to a median tooth, at its base on each side with an obsolete obtuse denticle, externally with a slender cultriform process separated from the central plate by an arcuate emargination.

G. Tangkoeban Prahoe, alt. 4000—5000 ft. II.1936. Unique.

Atheta (Chaetida) drescheri sp. nov.

Moderately shining; head black, thorax and abdomen pitchy; elytra brownish yellow. Antennae black, the first joint brownish yellow. Legs reddish yellow. Length 3 mm.

Very near *longicornis* Gr. but at once distinguished by the longer antennae, moreover the thorax is less transverse (5 : 4), the sides behind slightly sinuate, the median impressed line stronger, the puncturation finer and closer; the 4th joint of the antennae is distinctly longer than broad and the following all longer than in *longicornis*: puncturation of head

very fine, scanty, the ground-sculpture much less distinct than in that species; the fine puncturation of the elytra is closer than in *longicornis*, but the puncturation and pubescence of the abdomen scarcely differs in the two species and the long setae of the body and tibiae are also similar.

G. Tangkoeban Prahoe, alt. 4000—5000 feet. X.1934.
Unique.

Atheta (Acrotona) solitaria sp. nov.

Moderately shining; head black, thorax dark reddish-brown; elytra pitchy black; abdomen with the first two visible segments and the last obscurely reddish, the posterior margins of the rest narrowly and obscurely rufescent. Antennae black, the 1st joint and legs reddish yellow. Length 2 mm.

Very near *inornata* Kr. but at once distinguished by the dark elytra and longer antennae; the head is as closely but distinctly less finely and more roughly punctured, the 4th antennal joint is a little longer than broad and the following less transverse than in that species and with distinctly longer 11th joint; thorax transverse (4.5:3) and formed as in *inornata*, the puncturation as close but less fine and rougher; elytra slightly longer than the thorax, as closely but less finely and more roughly punctured than in that species, abdomen more finely and much less closely punctured than in *inornata* especially behind. Setae of the middle and posterior tibiae well developed.

G. Tangkoeban Prahoe, alt 4000—5000 feet. 2.VIII.34.
Unique.

Pelioptera Kr.

inermis Cam. G. Tangkoeban Prahoe, alt. 4000—5000 feet.
8.IX.1934. Also in Sumatra.

Thamiaraea Thoms.

Thamiaraea javana sp. nov.

Fore-parts moderately, abdomen more strongly shining. Head black, yellowish in front, thorax reddish yellow, more or less extensively infusate on the disc; elytra smoky brown, the shoulders and more or less of the base indeterminately yellowish; abdomen with the first two visible segments yellow the basal impressions blackish, the following black, the posterior margin of the 5th and whole of 6th reddish yellow. Antennae blackish, the first two or three joints and the legs reddish yellow. Length 3 mm.

In build somewhat like *insigniventris* Fauv. but smaller, differently coloured, the antennae thinner, the thorax less transverse. Head broad but narrower than the thorax, the eyes large, the puncturation extremely fine and very sparing,

finely coriaceous. Antennae with the 3rd joint slightly longer than the 2nd and in the ♂ somewhat compressed laterally, 4th small, transverse, 5th to 10th gradually more strongly, the penultimate about twice as broad as long, the 11th a little longer than the 9th and 10th together. Thorax transverse (4.4 : 3.5), the sides gently rounded, slightly retracted to the rounded posterior angles and with two or three black setae, before the scutellum with an obsolete fovea, the puncturation very fine, rather close, the ground sculpture as on the head. Elytra longer (4.5 : 3.5) and a little broader than the thorax, less finely and more closely punctured, very finely coriaceous, the shoulders with a black seta. Abdomen a little narrowed before the apex, very finely, rather sparingly punctured, very sparingly behind. Middle tibiae with a rather long seta about the middle, the posterior with a shorter one.

♂ : 8th tergite on each side with a cultriform process, in the middle with a lamella feebly emarginate at the apical border and not produced as far backwards as the lateral processes from which it is separated by a deep arcuate emargination.

Buitenzorg, August 1895 (I. Z. Kannegieter) Type.
G. Tangkoeban Prahoe, alt 4000—5000 feet (Drescher).

Astilbus Steph.

laevicauda Bernh. Djeroeklegi, 10.V.1930. Bandoeng Dago, 5.V.1930. Batoerraden, 6.IV.1930. Tjilatjap, III.1925.

Astilbus preangeranus sp. n.

Black, the fore-parts moderately, the abdomen more strongly shining; elytra with the humeral angles reddish. Antennae blackish, the 11th joint reddish-yellow. Legs reddish yellow. Length 7 mm.

Except for the shape of the head very similar in size and build to *incola* Fauv. Head narrower than the thorax, transverse, the post-ocular region rounded and a little, widened, as long as the eye, very finely, closely punctured. Antennae stout with the 3rd joint twice as long as the 2nd, 4th to 10th gradually decreasing in length, the penultimate joints only slightly transverse, the 11th as long as the 9th and 10th together. Thorax slightly transverse (6 : 5), the sides gently rounded in front, straighter and a little retracted behind to the rounded posterior angles, broadly superficially impressed along the whole of the middle in the ♂, only in the posterior half in the ♀, before the scutellum with a small fovea, near the posterior angles feebly obliquely impressed, the puncturation rather less fine and a little closer than on the head. Elytra as long as but broader than the thorax, less finely and more closely punctured. Abdomen a little narrowed be-

fore the apex, closely and uniformly punctured throughout in the ♀ but not in the ♂.

♂ : 3rd dorsal segment punctured on the posterior half but without ground sculpture, on each side with a long stout pointed spine directed backwards : 4th with a pair of thick keels in the middle at the posterior margin (sometimes absent) very sparingly punctured and without ground-sculpture : 6th with a fine median keel and finely punctured : 7th with a strong median tubercle near the posterior margin, finely and moderately closely punctured like the preceding segment : 8th narrowly produced and rounded in the middle, arcuately emarginate on each side. The 5th segment is moderately closely punctured but without ground sculpture, the 6th to 8th segments are finely coriaceous also.

♀ : 8th dorsal segment as in the ♂.

Preanger : Bandoeng Dago, 16.II.31—15.I.31—1.II.30.—I. 1934.

Astilbus orientalis sp. nov.

Moderately shining : head black, reddish yellow in front ; thorax ferruginous red, elytra brownish yellow : abdomen pitchy brown with the posterior margins of the segments and apex reddish yellow. Antennae reddish brown, the first two joints and legs reddish yellow. Length 4.75 mm.

Much resembling *planaticollis* Kr. in build, but more shining and with different sculpture. Head broad, transverse, only a little narrower than the thorax, the eyes very large, finely, moderately closely punctured, rather strongly coriaceous ; in front impunctate and with a small tubercle.

Antennae with the 3rd joint a little longer than the 2nd, 4th and 5th as long as broad, 6th to 10th slightly transverse and differing but little from one another. Thorax slightly transverse (3.8 : 3.3), trapezoidal, the sides rounded in front, sinuately retracted behind, the posterior angles obtusely rounded, along the middle with a narrow groove extending from just before the base nearly to the anterior border, towards the sides broadly and superficially impressed, the sculpture fine, close and granular, the granules somewhat elongate, so that in certain lights the surface appears more or less longitudinally striate, the ground sculpture fine and coriaceous. Elytra broader and longer (4.5 : 3.3) than the thorax, with a finer and closer granular sculpture and coriaceous ground sculpture. Abdomen a little narrowed before the apex, finely moderately closely punctured, the last two segments practically impunctate.

♂ : 5th and 6th tergites each with a transverse row of four small tubercles a little in front of the posterior margin : 7th with a transverse row of four much larger tubercles across the middle and another row of five similar ones near

the posterior margin : 8th with two rows each of four tubercles, the posterior margin nearly truncate.

G. Tangkoeban Prahoe, alt. 4000—5000 feet. 3.VI.1930.

Astilbus affinis sp. nov.

Rather shining ; head black, the clypeal region reddish yellow ; thorax dark reddish brown ; elytra brownish yellow with the postero-external region from near the shoulders more or less extensively infusate ; abdomen with the first two visible tergites yellow, the following black with the posterior margins narrowly rufescent. Antennae reddish brown, the first two joints and legs reddish yellow. Length 3 mm.

Very near *laevicauda* Bernh. but with shorter antennae, the penultimate joints transverse, head more finely and more closely punctured, thorax less transverse, the sides straight behind, more finely punctured, the elytra more finely punctured. Head as broad as the thorax, the eyes very large, the clypeal region tumid and impunctate, elsewhere finely and moderately closely punctured ; ground sculpture absent. Antennae with the 4th to 10th joints a little transverse, differing but little amongst themselves.

Thorax transverse (5.25 : 4.75), the sides gently rounded in front, straightly retracted behind, the posterior angles obtuse ; before the scutellum with a deep transverse fovea, along the middle with a fine impressed line evanescent in front, moderately finely rather closely punctured ; ground sculpture absent. Elytra as long as but a good deal broader than the thorax, more closely but less deeply punctured and with a fine ground sculpture. Abdomen almost impunctate.

Bandoeng Dago, 14.II.30 (Type). Djeroeklegi, Zuid Bandoemas 31.I.32.

Astilbus granulicollis sp. nov.

Fore-parts brownish red, abdomen black very shining, the first two segments yellowish. Head and thorax more shining than the elytra. Antennae ferruginous red. Legs reddish yellow. Length 3 mm.

Near *laevicauda* Bernh. but differently coloured, the eyes much smaller, the post-ocular region a little widened, very finely, rather sparingly punctured ; ground sculpture absent, shining. Antennae rather short and stout, scarcely differing from *laevicauda*, the 3rd joint longer than the 2nd, 4th slightly transverse, the following gradually shorter and so more transverse. Thorax a little shorter than in *laevicauda* and more transverse, broadly triangularly impressed in the middle for the posterior two-thirds, before the scutellum with a transverse shining impression and along the middle with a shining impressed line, the whole surface closely covered

with small granules, shining, ground sculpture absent. Elytra convex, as long as but a good deal broader than the thorax and less shining, closely, moderately finely, asperately punctured. Abdomen extremely finely and sparingly punctured.

♂ : 8th dorsal segment broadly truncate and closely and finely denticulate, on each side with a larger triangular tooth : 6th ventral segment a little produced and broadly rounded.

Bandoeng Dago ; 26—30.IV.30.

Astilbus javanus sp. n.

Entirely black, the fore-parts moderately, the abdomen strongly shining. Antennae reddish, the 5th to 10th joints infusate. Legs reddish-yellow, the femora blackish except towards the base. Length 8.2 mm. Head narrower than the thorax, short and pyriform, the eyes rather small, the post-ocular region longer and almost straightly converging to the neck, towards the front in the middle with a short, fine, impressed line, rather closely, moderately finely, superficially punctured, coriaceous. Antennae a little thickened towards the apex, 3rd joint distinctly longer than the 2nd, 4th to 10th all longer than broad, gradually decreasing in length, the 9th and 10th only a little longer than broad, the 11th scarcely as long as the two preceding together Thorax longer than broad (9:7.3), the sides rounded in front, retracted and a little sinuate behind, the posterior angles obtuse, sulcate along the posterior two-thirds of the middle, in the fundus with a fine shining line, closely, moderately finely, rugosely punctured, on each side of the sulcus near the anterior and posterior ends with a large puncture ; ground sculpture fine, coriaceous. Elytra as long as but broader than the thorax, each broadly and superficially impressed, the sculpture very similar to that of the thorax. Abdomen a little narrowed before the apex, extremely finely, very sparingly punctured on the 3rd to 6th segments, the 7th rather closely covered with flat pointed granules, the 8th with a few similar but larger ones, the posterior margin rounded and with 7 or 8 small teeth.

G. Tangkoeban Prahoe, alt, 4000—5000 ft. V.33. Unique.

Astilbus Drescheri sp. n.

Fore-parts moderately, abdomen strongly shining, head and thorax pitchy-black, elytra and abdomen brown, the latter with the posterior margin of the 7th and whole of the 8th segments yellow. Antennae reddish yellow. Legs yellow Length 5.75 mm.

In the build of the head and thorax very similar to *niger* Cam. but larger and with longer elytra. Head suborbicular, narrower than the thorax, the eyes large, as long as the post-ocular region, in front very sparingly, behind moderately

closely punctured, the punctures moderately fine and superficial; ground sculpture distinct, coriaceous. Antennae with the 3rd joint twice as long as the 2nd, 4th to 10th all longer than broad, cylindrical, the 4th to 8th differing but little amongst themselves. 9th and 10th only slightly longer than broad, 11th not much longer than the 10th. Thorax as long as broad the sides rounded in front, straighter and retracted behind to the rounded posterior angles, deeply and narrowly sulcate along the middle, the puncturation closer and deeper than on the head, the ground-sculpture similar. Elytra as long as but broader than the thorax, the puncturation a little closer and coarser, the ground-sculpture less marked. Abdomen parallel, extremely finely and very sparingly punctured on the first three segments, almost impunctate behind, practically glabrous, the groundsculpture feeble.

♂ (?) 8th dorsal segment with three equal teeth separated by shallow arcuate emarginations.

Batoerraden : G. Slammat, 28—30.VII.1926. Unique.

Astilbus magniceps sp. n.

Fore-parts moderately, abdomen strongly shining. Head and thorax black; elytra pitchy-black; abdomen black with the 1st and 8th segments and reflexed sides yellowish, Antennae red. Legs yellow. Length 3.5 mm.

Head broad, a little wider than the thorax, the eyes very large, with small rather close superficial punctures, finely coriaceous. Antennae rather stout, the 3rd joint longer than the 2nd, 4th to 10th all longer than broad, gradually decreasing in length, the 10th only very slightly longer than broad. Thorax very slightly transverse, the sides rounded and dilated in the anterior half, strongly sinuately retracted behind, the posterior angles rounded, foveate before the scutellum, along the middle with a fine impressed line, towards the sides broadly and superficially impressed, closely, moderately finely punctured, the punctures feebly umbilicate, less close towards the anterior angles. Elytra a good deal broader and a sixth longer than the thorax, the puncturation close and much finer than on the thorax, scarcely asperate. Abdomen narrowed at the base and towards the apex, practically impunctate and without ground sculpture, except on the 7th segment which is closely and rather coarsely punctured on the anterior half whilst the 8th is distinctly coriaceous and finely and moderately closely punctured, its posterior margin rounded.

Batoerraden : G. Slammat. 8.IV.30. Unique.

Astilbus brevipennis sp. nov.

Shining; head and abdomen black, the front of the former reddish yellow, the posterior margins of the segments of the

latter narrowly rufescent; thorax and elytra dark reddish brown. Antennae reddish-brown, the first three joints and the last, yellowish. Legs reddish yellow, the femora darker. Length 5.2 mm.

Head transversely suborbicular, narrower than the thorax, the eyes moderate, shorter than the rounded and retracted postocular region; the frontal and basal regions and a small area on the vertex impunctate, elsewhere with rather close umbilicate punctures; ground sculpture absent. Antennae rather long and stout, the 3rd joint as long as the 2nd, 4th and 5th a little longer than broad, 6th and 7th about as long as broad, 8th to 10th slightly transverse, 11th as long as the 9th and 10th together. Thorax slightly transverse, convex the sides in front rounded with the anterior angles, rather strongly retracted and a little sinuate behind, the posterior angles obtusely rounded; before the scutellum with a fossa, in front of it with a smooth shining impunctate keel evanescent in front, the rest of the surface rather closely covered with rather large umbilicate punctures, smaller and less close towards the sides and anterior angles; ground sculpture absent. Elytra broader and a fourth shorter than the thorax, widened behind, strongly transversely rugulose. Abdomen a little narrowed before the apex, the bases of the anterior segments punctured, elsewhere only with a very few scattered punctures. Pubescence throughout very scanty.

G. Tangkoeban Prahoe, alt 4000—5000 feet. IV.1937.
Unique.

Orphnebius Motsch.

Orphnebius (Megalcephalobius) excellens sp. n.

Shining, head, elytra (except for a reddish yellow humeral spot) and last four abdominal segments black, thorax and rest of the abdomen yellowish-red. Antennae black, the last two joints yellow. Legs reddish yellow, the femora and tibiae more or less infusate. Length 5 mm.

Head strongly transverse, a little wider than the thorax, the base truncate, the eyes longer than the temples, with a few setiferous punctures; ground sculpture absent; mandibles in ♂ each with a long sharp upwards and inwardly directed process, at its base with a shorter sharp tooth, in the ♀ with a more depressed pointed process. Antennae long and slender, the 1st joint elongate, gradually thickened towards apex, 3rd longer than the 2nd, 4th to 10th all longer than broad, gradually decreasing in length, 11th as long as the 9th and 10th together. Thorax transverse (7:5) convex, the sides rounded in front, sinuately retracted behind, all the angles rounded, with a few setiferous punctures; ground sculpture absent. Elytra broader and longer (7:5) than the thorax, a little widened behind, very finely, very sparingly

asperately punctured, the punctures setiferous; ground sculpture absent. Abdomen narrowed at base and more strongly towards the apex, except for a few setiferous punctures, glabrous and impunctate, the sides and apex with long black setae. The 8th dorsal segment in the specimens simply rounded.

G. Tangkoeban Prahoe, alt. 4000—5000 ft. 28-30.VII.26.

G. Patoeha, Preanger, alt. 5000 ft. 15-22.V.28. Batoeraden, G. Slamet. 28-30.VII.26.

Orphnebius (Megalcephalobius) Drescheri sp. n.

Shining; head and elytra black, thorax dark brown, abdomen yellowish red, the 7th segment blackish. Antennae reddish, the 1st joint reddish yellow. Legs yellowish red. Length 5 mm.

Head strongly transverse, subquadrate, a little wider than the thorax, the eyes moderate, longer than the temples, the base broadly emarginate, the posterior angles rounded, extremely finely and very sparingly punctured; ground sculpture absent. Antennae with the 3rd joint twice as long as the 2nd, 4th to 10th transverse, gradually increasing in width, the penultimate scarcely twice as broad as long, the 11th as long as the 9th and 10th together. Thorax convex, a half broader than long, widest towards the front, the sides almost straight, retracted behind, the posterior angles rounded, extremely finely, very sparingly punctured; ground sculpture absent. Elytra a good deal broader and longer (7 : 4) than the thorax, convex, a little widened behind, moderately closely, very finely, asperately punctured; ground sculpture absent. Abdomen narrowed at the base, more strongly towards the apex, the side margins flattened; impunctate and glabrous except the 7th segment which is very closely and moderately coarsely punctured, with a row of six tubercles along the posterior margin of which the median pair are the largest, 8th with several tubercles, the posterior margin truncate and very obscurely crenulate; sides of the 1st and 2nd ventral segments elevated.

G. Goentoer : 20-26.IX.25. A single specimen (? ♂)

Orphnebius (Mesocephalobius) javanus sp. n.

Black, head, thorax and abdomen shining, elytra greasy lustrous, the lateral abdominal process in the ♂ and the 8th segment brownish yellow. Antennae brown, the first three joints reddish. Femora dark brown, tibiae and tarsi reddish brown. Length 6.2 mm.

Head, transverse, as broad as the thorax, the eyes very large occupying practically the whole side, broadly smooth along the middle, at the sides with small scattered punctures; mandibles reddish, considerably produced. Antennae with the

1st joint rather long, thickened towards apex, 3rd about twice as long as the 2nd, 4th to 7th longer than broad, gradually decreasing in length, 8th to 10th slightly transverse, 11th as long as the two preceding together, the joints sparingly setiferous. Thorax slightly transverse (7.5 : 6), widest at the rounded posterior angles, slightly narrowed towards the rounded anterior angles, the sides slightly sinuate, the base slightly arcuately emarginate in the middle, before it with a transverse bisinuate ridge, in front of this in the middle with a small U shaped elevation, on each side of this with a small reniform elevation; along the middle almost impunctate and without ground sculpture, towards the sides sparingly and finely punctured and coriaceous Elytra a good deal broader and a little longer (8 : 6) than the thorax, widened behind, the angles rounded, moderately closely covered with small granules, distinctly coriaceous. Abdomen broad, scaphoidal, the side margins broadly flattened, practically impunctate and without groundsculpture, except on the 7th segment which is very closely and rather coarsely punctured and the 8th which is covered with small granules.

♂ : sides of the 1st ventral segment lamelliform and raised above the level of the 3rd dorsal segment; 2nd produced as a pointed wing-shaped lamella; 3rd as a broad plate deeply triangularly emarginate into two pointed processes, the upper and outer one longer than the lower and inner; 4th produced as a short spine on the level of the 7th dorsal segment; 8th dorsal segment on each side with a short stout spine, the posterior margin truncate and finely denticulate (the outer teeth larger) separated from the lateral spine by a deep emargination; 6th ventral segment strongly narrowed, produced and upturned, its posterior margin narrowly truncate.

♀ : unknown.

Zuid Banjoemas : Djeroeklegi, 12.IV.31 : 24.III.33.

Orphnebius (Thoracobius) rufoflavus sp. n.

Shining, entirely yellowish red. Antennae reddish, the first three joints and the legs reddish-yellow. Length 4 mm.

Head transversely elliptical, distinctly narrower than the thorax, the eyes large, flat, occupying the whole of the sides, the sculpture consisting of a very few fine setiferous punctures. Antennae rather long, the 3rd joint longer than the 2nd, 4th slightly longer than broad, 5th to 10th scarcely differing amongst themselves, as long as broad, the 11th as long as the four preceding together. Thorax strongly transverse (9 : 5) convex, the sides rounded with the base, the anterior angles broadly rounded, the anterior margin broadly and feebly emarginate, on the disc with a few fine setiferous punctures, at the sides with three larger ones with longer setae. Elytra broader and longer (7 : 5) than the thorax, a little wider

behind, with a few fine setiferous punctures. Abdomen nearly parallel, the side margins strongly raised, the 3rd to 6th segments with a transverse row of four setiferous punctures near the posterior margins, 7th at the base very finely, closely longitudinally striate, behind the middle with a transverse row of 9 to 10 little tubercles, along the posterior margin itself with finer and more numerous ones: 8th with the posterior margin broadly, slightly emarginate.

G. Tangkoeban Prahoe: alt 4000—5000 ft. VIII.33.

Unique.

Orphnebius (Thoracobius) setiferus sp. n.

Shining, head and thorax brownish red, elytra and abdomen brownish yellow. Antennae reddish, the first four joints and legs reddish yellow. Length 3 mm.

Head, transversely elliptical, narrower than the thorax (4.5 : 5.5), the eyes large occupying the whole side, between them with two small setiferous punctures further apart from one another than from the eyes, otherwise without sculpture. Antennae rather short, the 3rd joint longer than the 2nd, 4th to 10th transverse, the 10th a little longer than the 9th and so less transverse, 11th as long as the 9th and 10th together. Thorax transverse (5.5 : 4) convex, the sides gently rounded in front, straighter and a little retracted behind, the posterior angles rounded, on the disc with a few setiferous punctures, the sides (except for the marginal punctures) impunctate and with three long black setae. Elytra longer (5 : 4) and broader than the thorax, widened behind, very sparingly punctured, the punctures with long black setae, the sides with 3 or 4 longer ones. Abdomen a little narrowed at the base, more strongly towards the apex, the lateral margins sharp and raised, the sides setiferous, the 5th segment with 4, the 6th with 6 setiferous punctures on the posterior margins, the 8th with a transverse row of 6 setiferous tubercles, its posterior margin obtusely angulate in the middle; the 7th segment without sculpture.

G. Slammat: 15-17.VIII.25. Unique.

Zyras Steph.

geminus Kr. (s.str.) Bandoeng Dago. 30.V.1930. Also in Ceylon and Sumatra.

compressicornis Fauv. (*Diaulaconia*). Batoerraden, G. Slammat. VIII.1927.9. VIII.1929. G. Tangkoeban Prahoe, XI.1936. Bandoeng, 26.I.1937. Soekaboemi. XI.1934. Also in Sumatra, Borneo and China.

diversiventris Bernh. Bandoeng, 18.II.1936. 30.IV.1936. Malang, IX.1927.

flavus Cam. (*Termitodonia*) G. Raoeng, 12.XI.1931. Bandoeng Dago, 11.XI.1929.

Zyras (s.str.) *Drescheri* sp. nov.

Shining, head, thorax and elytra black, the base of the latter narrowly yellowish red: abdomen yellowish red, the posterior half of the 7th and whole of the 8th segments black. Antennae black, the first two joints yellow, the 11th orange red. Legs yellow. Length 6 mm.

In build very similar to *fulgidus* Gr. but with much larger eyes. Head strongly transverse, narrower than the thorax, the eyes large, longer than the temples; sculpture consisting of a few small scattered punctures; ground sculpture absent. Antennae moderate, furnished with long stiff hairs, the 3rd joint a little longer than the 2nd, 4th to 6th about as long as broad, 7th to 10th slightly transverse, 11th as long as the 9th and 10th together. Thorax transverse (9:7), the sides rounded in front, rather strongly retracted and a little sinuate behind, the posterior angles rounded, before the scutellum with a large round fovea, smooth along the middle, elsewhere with a few small scattered punctures; ground sculpture absent. Elytra broader and a little longer (9:7) than the thorax, with a moderately coarse, not very close puncturation. Abdomen practically impunctate.

♂: 8th dorsal segment with a tubercular elevation in the middle, posterior margin almost truncate, in the middle with a small shallow arcuate emargination.

Batoerraden: G. Slamet, 7-9.VIII.26. Bandoeng Dago, 29.XII.29. G. Tangkoeban Prahoe, 14.V.30.

Zyras (s.str.) *preangeranus* sp. nov.

Shining; head black; thorax and elytra bright yellowish red, the latter slightly infuscate at the postero-external angles: abdomen with the first two visible tergites dark ferruginous red, the 3rd to 5th black, the posterior margins of the latter and the 6th yellow. Antennae black, the last four joints yellow. Legs reddish yellow, the femora a little infuscate. Length 7.5 mm.

Larger than *drescheri* and differently coloured, head less transverse, antennae longer and stouter, thorax more transverse, elytra rather more finely and much more closely punctured. Head narrower than the thorax, transversely suborbicular, the eyes large, as long as the post-ocular region. Antennae with the 3rd joint as long as the 2nd, 4th to 8th a little longer than broad, 9th and 10th slightly transverse, 11th as long as the 9th and 10th together. Thorax transverse (5.5:4.75), the sides rounded in front, sinuately retracted behind, the posterior angles obtuse, before the scutellum with a fovea, finely, rather closely punctured on each side of the

narrow impunctate median line, elsewhere with a few small scattered punctures, practically impunctate in the vicinity of the anterior and posterior angles. Elytra slightly longer and distinctly broader than the thorax, closely and finely punctured. Abdomen practically impunctate, only the base of the 5th visible tergite finely and closely punctured.

G. Tangkoeban Prahoe, alt. 4000—5000 feet. VI.1936. XII.1933. III.IV.1934. VIII.IX.1928. Batoerraden, G. Slamet, 10/12 : VI.1926.

Zyras (s.str.) *semirufus* sp. nov.

Shining ; head and thorax dark red to pitchy black ; elytra pitch-black, the shoulders and base more or less rufescent : abdomen yellowish red, the 7th segment occasionally obscurely infusate. Antennae black, the first three joints and the last reddish. Legs reddish yellow. Length 5 mm.

Very near *drescheri* in colour but at once distinguished by the very finely and sparingly punctured elytra, moreover the head is less transverse and rounder, the antennae a little shorter and stouter, the thorax a little shorter and more transverse, along each side of the middle with an irregular row of 5 of 6 very fine punctures, elsewhere with a few equally fine and scattered ones, much finer than in *drescheri*, the elytra much more finely and much more sparingly punctured than in that species.

G. Tangkoeban Prahoe, alt. 4000—5000 feet. 20.VII.30.

Zyras (s.str.) *flavorufus* sp. nov.

Shining, entirely yellowish red. Antennae reddish brown, the first two joints yellowish red. Legs reddish yellow. Length 5 mm.

Near *semirufus* but differently coloured, the head narrower, the eyes smaller, thorax less transverse (4 : 3.5), the punctures of the dorsal rows and elsewhere not so fine, the elytra as finely but much more closely punctured than in *semirufus*, in other respects similar.

G. Tangkoeban Prahoe, alt. 4000—5000 feet. 20.VII.30.

Zyras (s.str.) *punctipennis* sp. nov.

Shining ; head and thorax black, the former obscurely rufescent towards the front, the latter towards the posterior margin : elytra dark red, the postero-external region from the middle of the lateral margin to the sutural angle black. Abdomen black, the side and posterior margins of the segments rufescent. Antennae black, the first two joints reddish yellow, the last three yellow. Legs pale yellow, the extreme apices of the femora brown. Length 6 mm.

In build very similar to *haworthi* Steph. but differs in the colour and coarser and closer puncturation of the elytra.

Head transversely suborbicular, narrower than the thorax, the eyes rather large, about as long as the post-ocular region, the disc and front impunctate, elsewhere with a few small scattered umbilicate punctures. Antennae rather stout and with long hairs, the 3rd joint a little longer than the 2nd, 4th and 5th a little longer than broad, 6th and 7th about as long as broad, 8th to 10th distinctly transverse. Thorax as long as broad, the sides rounded in front, retracted and a little sinuate behind, the posterior angles obtuse, before the scutellum with a fovea, impunctate along the middle, at the base, sides and towards the anterior angles, elsewhere with some small scattered umbilicate punctures. Elytra as long as but broader than the thorax, transverse, coarsely, closely and deeply punctured. Abdomen a little narrowed before the apex, at the bases and apices of the segments each with a row of fine punctures, otherwise almost impunctate. Pubescence on the elytra and abdomen rather long and sparing: 8th tergite gently rounded, 6th sternite with a small arcuate emargination.

G. Tangkoeban Prahoe, alt. 4000—5000 feet. IX.1933. Unique.

Zyras (s.str.) *louwerensi* sp. n.

Shining; head black, the disc reddish, thorax and elytra red, the latter infusate postero-externally; abdomen black, the 1st segment and the elevated lateral margins reddish, the posterior margin of the penultimate segment (narrowly) and the last yellow. Antennae black, the first two joints yellowish red, the 10th and 11th clear yellow. Legs reddish yellow. Length 6 mm.

In general facies somewhat resembling *collaris* Payk. but much larger and more robust. Head narrower than the thorax, transverse, narrowed and rounded behind the eyes, these about as long as the post-ocular region, very finely, sparingly punctured and with long black erect hairs. Antennae furnished with rather long hairs, not compressed laterally, extending a little beyond the base of the elytra the 2nd joint well developed, shorter than the 3rd, 4th to 7th a little longer than broad, gradually decreasing in length, the 8th to 10th about as long as broad, the 11th scarcely as long as the two preceding together. Thorax transverse (5:4.5), the sides rounded in front, sinuately retracted behind, the anterior angles rounded, the posterior obtuse, before the scutellum with a rather large fovea, the puncturation fine, moderately close on the disc, much more sparing towards the sides and anterior angles, the pubescence long, black and erect. Elytra broader and very little longer than the thorax, more closely and much less finely punctured, the pubescence similar. Abdomen scaphoidal, a little narrowed at the base, more strongly to-

wards the apex, very finely and very sparingly punctured, less sparingly on the 6th and 7th segments, the pubescence as on the fore-parts, the sides and apex also with long close black hairs. The insect is without trace of ground sculpture.

E. Java : G. Pandan, Res. Madiden (Louwerens). Unique. Type in my collection.

Zyras (s.str.) *gratellus* sp. nov.

Shining head and thorax dark reddish brown to pitchy black ; elytra yellowish red, the postero-external region more or less broadly infusate ; abdomen red, the 5th to 7th segments more or less infusate. Antennae black, the first two joints and the last reddish yellow. Legs yellow. Length 4.5 mm.

In size build and antennal structure very like *collaris* Payk. but with smaller and fewer punctures on the thorax and more finely and less closely punctured elytra. Head sub-orbicular, narrower than the thorax, the eye about as long as the post-ocular region, very finely and very sparingly punctured. Antennae rather stout, the 3rd joint as long as the 2nd, 4th to 6th as long as broad, 7th to 10th transverse and differing but little amongst themselves. Thorax convex, transverse (6.75 : 5.5), the sides rounded in front, retracted and almost straight behind, the posterior angles obtusely rounded, before the scutellum with a fovea, impunctate along the middle, at the base, sides and towards the anterior angles, elsewhere with a few small scattered punctures. Elytra very slightly longer but distinctly broader than the thorax, very finely, moderately closely punctured. Abdomen parallel, practically impunctate except for a row of fine punctures in the basal impressions.

G. Tangkoeban Prahoe, alt. 4000—5000 feet, 19/31 : I. 1933 : 15.II.1933.

Zyras (s.str.) *elegantulus* sp. nov.

Shining : head dark reddish brown to pitchy black : thorax bright yellowish red ; elytra yellowish red, the lateral and postero-external regions extensively infusate : abdomen red, the 5th to 7th segments sometimes infusate. Antennae black, the first two joints and the last reddish yellow. Legs yellow. Length 5 mm.

Very like *gratellus* but at once distinguished by the brightly coloured thorax, the thinner antennae with the 4th to 10th joints distinctly transverse, the punctures of the thorax much less fine though equally sparing and the elytra much less finely and a little less closely punctured.

G. Tangkoeban Prahoe, alt. 4000—5000 feet.

Zyras (*Rhynchodonia*) *persimilis* sp. nov.

Very like *soror* Cam. but differing in the ♂ characters

and also in the following respects ; the thorax is obviously more punctured, the smooth spaces smaller, the elytra not quite so shining, more closely punctured and with a fine ground sculpture, the puncturation of the first two visible tergites less fine and rougher.

In the ♂ the process at each side of the 4th tergite is more erect and shorter, the posterior margin is feebly produced in the middle and so is slightly bisinuate, the 5th is without a tubercle at the posterior margin, in other respects like *soror*. In the ♀ the posterior margin of the 8th tergite is truncate, the posterior angles acute and prominent.

Batoerraden, G. Slamet, 28/30.VII.1936. I.1928.V.1932. 6.IV.30.

Zyras (Glossacantha) semisericeus sp. nov.

Fore-parts greasy lustrous, abdomen shining. Head black, reddish yellow in front ; thorax dark reddish brown ; elytra pitchy black, narrowly and obscurely lighter at the extreme base ; abdomen yellowish red. Antennae yellowish red. Legs reddish yellow. Length 6.5—7 mm.

Near *hoplonotus* Kr. of similar lustre, but with darker thorax and elytra, the former narrower, the antennae longer and different ♂ characters. Head transversely suborbicular, narrower than the thorax, the eyes large, about as long as the post-ocular region, finely, very sparingly punctured, distinctly coriaceous in both sexes. Antennae with the 2nd joint much shorter than the 3rd, 4th to 6th a little longer than broad, scarcely differing amongst themselves, 7th as long as broad, 8th to 10th slightly transverse. Thorax slightly transverse (4.5 : 4.2), the sides gently rounded in front, retracted and feebly sinuate behind, the posterior angles obtusely rounded ; along the middle with a fine impressed line evanescent in front, finely, rather closely punctured on each side of the middle, more sparingly towards the sides ; on the disc with a pair of large punctures a little behind the middle, two more near the side margin, one near the anterior, the other near the posterior angle and yet another in front and external to the median discal puncture ; ground sculpture as on the head. Elytra slightly longer and distinctly broader than the thorax, longitudinally impressed at the side margin, moderately closely punctured, the punctures less fine than on the thorax, the ground sculpture distinct and coriaceous. Abdomen parallel, very slightly narrowed at the apex, almost impunctate, the ground sculpture finer than on the fore-parts.

♂ : 3rd tergite on each side adjacent to the lateral margin with a long slightly curved and backwardly directed spine, the posterior margin of the segment broadly rounded ; 4th with the posterior margin very slightly and obtusely produced in the middle : 7th with a sharp median keel : 8th

tridentate, the teeth separated by an arcuate emargination.

G. Tangkoeban Prahoe ; alt. 4000—5000 feet. Batoerraden, G. Slamet.

Zyras (Trachydonia) flavescens sp. nov.

Shining, yellow, only the head light chestnut brown. Antennae reddish yellow. Legs yellow. Length 4 mm.

In build somewhat like *semiflavus* Bernh. but smaller differently coloured etc. Parallel ; head as broad as the thorax, transversely suborbicular, the eyes large occupying nearly the whole side of the head, in front without median tubercle, very finely, and very sparingly punctured, the ground sculpture feeble. Antennae with the 2nd joint rather long, a little shorter than the 3rd, 4th to 7th a little longer than broad, decreasing in length, 8th to 10th about as long as broad. Thorax transverse (6 : 4.75), trapezoidal, the sides feebly rounded in front, retracted and feebly sinuate behind to the obtusely rounded posterior angles ; before the scutellum with a fovea and in the posterior half with a narrow impressed line, at the sides obliquely impressed, very finely and sparingly punctured especially towards the sides ; ground sculpture absent. Elytra slightly longer and broader than the thorax, less finely and less sparingly punctured and without ground sculpture. Abdomen parallel, very finely and very sparingly punctured, the ground sculpture very fine. Pubescence throughout rather long sparing and yellow.

♂ (?) 8th dorsal segment truncate, on each side with a blunt tooth. Djeroeklegi, Zuid Banjoemas 9.I.1930. Unique.

Zyras (Trachydonia) rufoflavus sp. nov.

Moderately shining, reddish yellow, the head and 3rd and 4th visible tergites blackish ; elytra scarcely infusate. Antennae and legs reddish yellow. Length 3.5 mm.

Somewhat like *semiflavus* Bernh. in build, but smaller, of lighter colour and with differently shaped head. Head nearly as broad as the thorax, very slightly widened behind the eyes which are large and occupy nearly the whole side, between the insertion of the antennae with a tubercle, finely, moderately closely punctured, finely coriaceous. Antennae with the 3rd joint a little longer than the 2nd, 4th as long as broad, 5th to 10th a little transverse. Thorax transverse (5.5 : 4.3) trapezoidal, the sides scarcely rounded in front, sinuately retracted behind, the posterior angles obtusely rounded, before the scutellum with a fovea, along the middle with narrow impressed line not reaching the anterior border, the sides obliquely impressed, without sculpture along the middle, elsewhere with moderately close, small granules ; ground sculpture absent. Elytra slightly longer and broader than the thorax, the sculpture very similar but closer. Abdomen parallel, extremely finely and extremely sparingly punctured.

♂ (?) 8th tergite with obtuse triangular emargination. Tjilatjap V.1925. Unique.

Typhloporus gen. nov.

Elongate, parallel. Head subglobose, a little produced in front. Eyes absent, temples not bordered below. Labrum only slightly transverse feebly broadly emarginate in front. Buccal socket deep and broad. Mandibles elongate. Maxillary palpi elongate, 1st joint small, 2nd elongate slightly thickened towards apex, 3rd longer, scarcely thicker than the 2nd, 4th very small, subulate. Labial palpi 3-jointed, 1st joint rather short, 2nd twice as long, cylindrical, 3rd pointed, narrower but about as long as the 2nd. Tongue short, about as long as broad, bilobed. Pronotal epipleura broad, visible from the side. Mesosternum short, its process short extending about a third of the length of the coxae, its apex briefly rounded. Metasternal process very narrow and acute extending nearly half the length of the middle coxae, these very narrowly separated. Scutellum small, triangular. Elytra emarginate postero-externally. Abdomen parallel, bordered, the first two visible segments transversely impressed at the bases. Anterior and middle tibiae strongly spinose and closely ciliate, the posterior setiferous. Tarsi, 4, 5, 5, the anterior with the first three joints moderate, subequal, 4th as long as the 2nd and 3rd together: middle with the 1st joint rather long, 2nd to 4th gradually decreasing in length, 5th longer than the 4th: posterior with the 1st joint elongate, as long as the 2nd and 3rd together, 2nd to 4th gradually decreasing in length, 5th longer than the 4th. Claws lightly curved, simple. Genotype *Drescheri*.

Typhloporus drescheri sp. nov.

Parallel, greasy lustrous, the fore-parts brownish red, the abdomen brown. Antennae reddish. Legs reddish yellow. Length 7.5 mm.

Head subglobose, narrower than the thorax, very finely, sparingly punctured, distinctly coriaceous, the pubescence stiff, scanty and directed towards the middle line, in the ♂ between the insertion of the antennae with a pore furnished with a tuft of short erect hairs. Antennae long, slender, the 1st joint elongate, thickened towards apex, sulcate externally for nearly half its length, 2nd about half as long as the 1st, 3rd and following laterally compressed, the 3rd a little longer than the 2nd, 4th to 7th differing but little amongst themselves, all longer than broad, 8th to 10th gradually shorter, 11th a little longer than the 10th, all the joints with long setae. Thorax very slightly transverse (5.5:5) narrowly margined, the sides very slightly rounded in front, widest a little before the middle, very slightly re-

tracted behind, all the angles rounded, before the scutellum with a small impression, along the middle very narrowly impunctate, elsewhere very finely, but a little more closely punctured than the head, the pubescence similar but less regular in direction, the ground sculpture similar. Elytra very slightly broader and a fourth shorter than the thorax, emarginate postero-externally, finely moderately closely, somewhat asperately punctured, coriaceous, with stiff pubescence like that of the thorax. Abdomen parallel, the anterior segments with sculpture very like that of the elytra, the 7th and 8th segments with numerous small granules, the 7th without membranous border.

♂ : 4th segment with a transverse ridge across the middle with a little tubercle on each end of it : 7th with a strong median keel in the posterior half : 8th with numerous pointed granules, its posterior margin truncate and closely denticulate, on each side with a straight spine.

♀ : 8th dorsal segment with numerous tubercles, the posterior margin gently rounded and furnished with larger and less numerous teeth than in the ♂, on each side with a straight spine.

G. Tangkoeban Prahoe, alt. 4000—5000 feet. 3.VI.30 ; 12—18.I.33 : IX.33.

Typhloporus longipennis sp. nov.

Shining, head and thorax reddish brown, elytra and abdomen yellowish brown. Antennae reddish brown. Legs yellowish red. Length 8 mm.

More shining than *drescheri*, less strongly coriaceous, the elytra longer, the antennae scarcely compressed. Head subglobose, nearly as wide as the thorax, very finely, moderately closely punctured, ground sculpture feeble and more or less interrupted, pubescence absent. Antennae with 1st joint elongate, sulcate externally, 3rd longer than the 2nd, 4th to 7th longer than broad, gradually decreasing in length, 8th to 10th about as long as broad, 11th a little longer than the 10th ; the joints setiferous and scarcely compressed. Thorax formed as in *drescheri* but without impunctate median line, the sculpture as on the head, glabrous. Elytra as long as but very slightly broader than the thorax, not emarginate postero-externally, obliquely truncate to the suture, very finely, transversely rugulose, distinctly coriaceous, the pubescence very short and very scanty. Abdomen parallel, very finely, moderately closely punctured throughout, the punctures with fine radiating lines, coriaceous, the pubescence as on the elytra, the 7th segment with several granules.

♀ : 8th dorsal segment with numerous granules, its posterior margin furnished with about 6 fine sharp spines, on each side with a longer and stouter one.

G. Tangkoeban Prahoe, alt. 4000—5000 ft. X.33. Unique.

Heteroporus gen. nov.

Apparently allied to *Porus* and *Pseudoporus*. Parallel, head subtriangular, produced in front; eyes small, temples not bordered, buccal fissure wide and deep extending considerably beyond the level of the posterior border of the eye; neck nearly half as wide as the head. Labrum transverse, membranous. Maxillary palpi rather long, the 1st joint small, 2nd elongate, lightly curved and a little thickened towards the apex, 3rd a little longer but scarcely thicker, 4th very small, subulate. Mentum longer than broad, the sides straight, retracted in front, the anterior margin broadly and moderately emarginate. Labial palpi 3-jointed, rather long, the 1st joint longer and stouter than the 2nd which is cylindrical, 3rd narrower and longer than the preceding. Tongue small, its anterior border apparently with a little notch. Prothorax subquadrate, slightly transverse, broadly sulcate along the middle. Pronotal epipleura broad, visible from the side. Mesosternum broad with a flat keel, its process narrow and elongate, extending two-thirds the length of the coxae, these moderately separated, and meeting the metasternal process. Elytra distinctly emarginate postero-externally, the upper surface separated by a fine sharp keel from the reflexed part. Abdomen nearly parallel, the lateral margins flattened. Legs moderate, the tibiae finely ciliate. Tarsi 4, 5, 5, the anterior with the first three joints moderate, sub-equal, the 4th as long as the three preceding together: middle with the first four joints gradually decreasing in length; posterior with the 1st joint about as long as the two following together, 2nd to 4th gradually decreasing in length. Claws slender, slightly curved.

Heteroporus ferrugineus sp.n.

Ferruginous red, the fore-parts rather dull, the abdomen shining and darker. Antennae and legs reddish yellow. Length 6 mm.

Head narrower than the thorax, widened behind the small eyes, the posterior angles rounded, at the middle of the base with an arcuate emargination, along the middle with a fine, scarcely perceptible line, densely coriaceous and impunctate. Antennae rather short, the 1st joint moderate in length, clavate, 2nd shorter than the 1st and 3rd, 4th to 6th about as long as broad, 7th to 10th slightly transverse, 11th about as long as the two preceding together. Thorax slightly transverse, the sides straight and parallel, all the angles rounded, the base bisinuate, along the middle deeply and broadly sulcate, the sulcus bounded on each side by a raised blunt ridge, along the fundus with a fine impressed line, the surface be-

tween the ridge and the sharp slightly raised lateral margin slightly concave, extremely finely sparingly and obsoletely punctured, the ground sculpture as on the head. Elytra as long and as broad as the thorax, broadly and slightly impressed towards the sides, the lateral margin sharp, densely coriaceous, scarcely punctured. Abdomen a little narrowed before the apex, shining, very finely, not closely punctured on the first three visible segments much more sparingly on the following, the ground sculpture scarcely visible but the 5th with traces of close fine longitudinal striae. Pubescence throughout very short and very sparing.

♂ : 3rd dorsal segment raised along the middle and with a blunt tubercle projecting from the middle of the posterior margin : 4th with a blunt keel along the middle : 7th with a strong sharp median keel, along the posterior margin with a row of small closely placed granules : 8th rounded and with a small arcuate median emargination.

G. Tangkoeban Prahoe, alt. 4000—5000 ft. 3.VI.30. Unique.

Amarochara Thoms.

Amarochara (Lasiochara) javana sp. nov.

Moderately, shining, pitchy black, the elytra dark brown. Antennae black, the first joint and legs reddish yellow. Length 3.2 mm.

In build, colour and lustre very like *umbrosa* Er. but larger and more robust and with suborbicular head. Head narrower than the thorax, suborbicular, the eye as long as the post-ocular region, very finely, moderately closely punctured, feebly coriaceous. Antennae stout, the 3rd joint a little shorter than the 2nd, 4th to 10th strongly transverse and differing but little amongst themselves. Thorax slightly transverse (4.75 : 4.5), convex the sides rounded in front, retracted and a little sinuate behind, the posterior angles obtuse, less finely and much more closely punctured than the head and without ground sculpture. Elytra as long as but a little broader than the thorax, closely and finely punctured. Abdomen rather coarsely and closely punctured at the bases of the first four visible tergites, much more finely and sparingly elsewhere.

G. Tangkoeban Prahoe, alt. 4000—5000 feet. 4.X.34. Unique.

Aleochara Gr.

Aleochara (s.str.) proxima sp. nov.

Very like *nigra* Kr. and only differing from it in the following respects : the basal joints of the antennae are black and the head thorax and elytra evidently more finely punctured, otherwise similar to *nigra*. Length 6.3 mm.

G. Tangkoeban Prahoe, alt 4000—5000 feet. 9.III.1933.
Unique.

Aleochara (Baryodma) drescheri sp. nov.

Moderately shining, black. Antennae black, the first two joints and legs reddish yellow. Length 4.3 mm.

Smaller and narrower than *intricata* Mannerh. the elytra of uniform colour, the head more finely punctured, the antennae similarly constructed: thorax much less transverse more narrowed in front, but the puncturation scarcely differing; that of the elytra a little finer than in that species; the first four visible tergites as densely punctured but the last two more sparingly than in that species.

G. Tangkoeban Prahoe, alt. 4000—5000 feet. XI.1933.
Unique.

Aleochara (Isochara) sordida sp. nov.

Shining, black, the reflexed margin of the elytra distinctly, the posterior margin very narrowly and obscurely reddish yellow. Antennae black, the first three joints and legs reddish-yellow. Length 4.5 mm.

Very near *punctiventris* Kr. but differs in the larger size, colour of the elytra and the longer stouter antennae. Head finely but deeply punctured as in that species. Antennae with the 4th and 5th joints as long as broad, 6th to 10th gradually more transverse but only slightly, the 11th as long as the 9th and 10th together. Thorax less transverse than in *punctiventris* with trace of impressed line in the middle behind, rather closely and deeply punctured. Elytra as long as the thorax, more closely punctured than in *punctiventris*. Abdomen practically parallel, densely punctured throughout as in that species. The whole insect covered with a moderately close, long, yellow, semi-erect pubescence.

Zuider Geb, Babakan, 28.VIII.1937. Unique.

Aleochara (Isochara) intermedia sp. nov.

Fore-parts shining, abdomen duller: head and abdomen black, thorax dark brown, elytra reddish yellow. Antennae reddish, the first three joints and legs reddish yellow. Length 3.5 mm.

Closely allied to *punctiventris* Kr. and *sordida* Cam. from the former it differs in the differently coloured and shorter and thicker antennae, less transverse and rather less closely punctured thorax, less distinctly and less closely punctured elytra: from the latter in the smaller size, differently coloured, less closely and less distinctly punctured elytra, much shorter antennae, less closely punctured thorax. The 4th to 10th joints of the antennae are all distinctly transverse, the penultimate about a half broader than long, the 11th as long

as the 9th and 10th together. The abdomen is parallel and densely punctured throughout as in the other species.

Tjilatjap, V.1925. Unique.

Tetrasticta Kr.

Tetrasticta elegans sp. nov.

Shining, head, thorax and abdomen yellowish red, the former with a curved transverse brownish marking before the base; elytra dark brown, the base broadly yellow. Antennae yellowish red. Legs reddish yellow. Length 4.2 mm.

Larger than *polita* Kr. and differently coloured, the eyes smaller. Head strongly transverse, suborbicular, narrower than the thorax, the eyes large but not occupying the whole side; with a few small scattered punctures. Antennae short and stout, the 1st joint thick and clavate, emarginate and sulcate at apex, 2nd and 3rd short: (subequal, 4th very short, strongly transverse, discoidal, 5th much longer, slightly transverse, 6th to 10th a little more so, 11th shorter than the 9th and 10th together. Thorax convex, strongly transverse (4.5:3), the sides strongly rounded continuously with the base, on the disc with four larger quadrately placed punctures, and a very few smaller ones elsewhere. Elytra as long as and but little broader than the thorax, extremely finely and very sparingly punctured. Abdomen a little narrowed before the apex, very finely and very sparingly punctured. The whole insect very sparingly pubescent and without ground sculpture.

G. Goentoer. 20/26.IX.1925.

Tetrasticta javana sp. nov.

Shining: head black, thorax red, elytra black, the shoulders yellowish red: abdomen blackish, the first two visible segments red, the last yellow. Antennae black, the first three joints and legs reddish yellow. Length 3.75 mm.

Smaller than *elegans* and differently coloured, the antennae with the penultimate joints a little more transverse, but similarly constructed, the head and eyes as in *elegans*, but the former practically impunctate; thorax with the four quadrately placed punctures finer and almost impunctate elsewhere. In other respects like *elegans*.

G. Tangkoeban Prahoe, alt. 4000—5000 feet. X.1934.

Pseudoplandria Fenyes.

Pseudoplandria drescheri sp. nov.

Shining: head and elytra black, thorax and abdomen more pitchy, the side margins of the former and posterior margins of the abdominal segments narrowly and obscurely reddish. Antennae black, the first four joints and apex of the last reddish yellow. Legs reddish yellow. Length 3—3.5 mm.

Somewhat like *Tinotus morion* Gr. in general facies. Head transverse, narrower than the thorax, the eyes large; the postocular region short and rounded; with a few fine scattered punctures. Antennae a little thickened towards the apex, the first three joints long and slender, subequal, 4th and 5th a little longer than broad, 6th as long as broad, 7th to 10th distinctly transverse, 11th fully as long as the 9th and 10th together. Thorax convex, rather more than a half broader than long, the sides rounded, more retracted in front, the posterior angles obtusely rounded, the puncturation extremely fine and obsolete but moderately close. Elytra longer (2.5 : 2) and broader than the thorax, closely, finely asperately punctured. Abdomen narrowed from base to apex, very finely, rather closely punctured at the bases of the segments, much more sparingly elsewhere and here and there with traces of longitudinal ridges.

♂ : 7th tergite with a median keel, on each side of the segment with a strong curved pointed process arising from the lateral margin of the 5th sternite : 8th tergite feebly emarginate and with a little tooth at each side.

G. Tangkoeban Prahoe, alt. 4000—5000 feet. 4.X.1934.

G. Patoeha 19/25.XII.1926. Tjibodas. 12.III.1923.



Cameron, Malcolm. 1939. "Fauna Javanica, The Staphylinidae collected by Mr. F. C. Drescher. Part III." *Tijdschrift voor entomologie* 82, 1–29.

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