

Choleva Breiti JEANNEL. — Mary (grotte de Monceau B. 10) 1 ♀, le 14-4-1932. Belg. nov. sp. (LERUTH).

Nota. — Ces 2 espèces de *Choleva* ont été déterminées par M. le Docteur VAN DER WIEL.

Dolichosoma lineare ROSSI. — Melreux, 24-7-32 (DE PRE).

Xyloniites (Nyglotertha) retusus OLIV. — Porallée, 12-6-32 (DE PRE)

Belg. nov. sp.

Hedobia imperialis LIN. — Plainevaux, 16-5-32 (DE PRE).

Rhinosimus viridipennis LAT. — Val-Dieu, 14-3-31 (A. COLLART).

Cryphalus abietis RATZ. — Fouron, 25-5-31 (A. COLLART).

Le même membre signale en outre, de la part de M. MARÉCHAL, la capture à Comblain-la-Tour, le 14-5-32, par M. A. MAGNÉE, d'un exemplaire du rare Hémiptère *Rhinocoris erythropus* L.

— M. GHESQUIÈRE montre, en projections, des spécimens de *Charaxes smaragdalis* BILR. (Lepid.), dont deux races nouvelles pour le Congo, *Leopoldi* GHESQ. et *Schoutedeni* GHESQ., seront incessamment décrites.

— M. SCHOUTEDEN attire l'attention sur la nécessité qu'il y aurait de s'assurer si certaines variétés décrites de Lépidoptères africains n'ont pas le caractère de races géographiques bien distinctes.

— M. DE WALSCHE fait siennes les remarques du membre précédent et signale que les recherches effectuées sur certains Cétonides australiens ont montré que les variétés décrites notamment de *Hemipharis insularis* et *Diaphonia dorsalis* sont, en réalité, des races régionales bien nettes.

— M. CRÈVECŒUR fait circuler des exemplaires des Diptères *Lipara lucens* MEIG. et *Lipara rufitarsis* H. LW., ainsi que des galles produites par ces insectes sur *Phragmites* communis, et provenant de Boitsfort.

— M. GILTAY annonce la découverte d'une espèce nouvelle d'Araignée de l'Indo-Chine, dont les diagnoses paraîtront prochainement. Il s'agit d'une espèce voisine de *Selenocosmia inermis* AUCT., commune à Java et Sumatra. Ainsi que le montre la projection des préparations, la distinction est fondée sur l'examen des organes copulateurs, dont l'importance, pour la séparation des espèces affines chez les Arachnides, se trouve ainsi mise en évidence.

— La séance est levée à 17 heures 20.

New species of *Staphylinidae* (col.) ⁽¹⁾

FROM THE BELGIAN CONGO

BY

MALCOLM CAMERON, M. B., R. N., F. E. S.

OXYTELINAE

Paralispinus collarti sp. n.

Depressed, parallel, very shining, reddish testaceous. Length 2.2 mm.

Very similar to the oriental *nitidissimus* BERNH. but smaller, the antennae more slender, thorax shorter and more transverse, in other respects the same. The fore-parts have a few very small scattered punctures, the abdominal segments each with a setiferous puncture on either side otherwise impunctate: ground sculpture absent except near the eyes and the sides of the abdomen.

Mayumbe: Batasalia, 19-V-26.

Lispinus collarti sp. n.

Moderately shining, ferruginous red, the elytra pitchy-black. Antennae and legs reddish-yellow. Length 2.5 mm.

Near *burgeoni* CAM. but less shining, the elytra shorter and blackish, the thorax a little shorter without trace of sinuation before the posterior angles; the median groove more distinct, the ground sculpture of the fore-parts much stronger, the puncturation of the head and thorax closer. Elytra a third longer than the thorax, extremely finely and very sparingly punctured with two large punctures on the disc, one before the middle and the other before the posterior margin, externally towards the reflexed margin with one or two similar punctures. Abdomen coriaceous, practically impunctate.

Stanleyville, VI-29.

(1) The species described in this paper were collected by M. A. COLLART.

Paroxytelopsis gen. nov.

Facies of *Oxytelopsis* FAUV. and allied thereto but at once distinguished by the strongly carinate thorax and elytra and the presence on the dorsal segments of the abdomen (of which seven are visible) of small clavate appendages, the base chitinous, the apex membranous and directed forwards and inwards; on the 1st visible segment one of these structures is situated on each side near the lateral margin, the 2nd to 5th segments have each four placed in a transverse row across the segment about the middle, the 6th has a row of six similarly placed. Except that each mandible has only one small tooth, the mouth parts are very similar to those of *Oxytelopsis* as is also sternal structure. The tibiae externally are furnished with very short fine cilia as in *Oxytelopsis* and in addition the anterior have three little teeth externally, one near the apex, one a little below the middle and one intermediate, the tarsi as in *Oxytelopsis*. From *Anisopsis* FAUV. which also has carinate fore-parts it is distinguished by the strongly clavate antennae and the abdominal appendages.

Paroxytelopsis dorylinus sp. n.

Broad, subdepressed, rather shining, black. Antennae with the first five joints yellow, the following black. Legs yellow. Length 3-3.2 mm.

Head transverse, narrower than the thorax, subsemicircular, constricted behind, the neck broad, the base truncate, eyes somewhat prominent, rather large; anterior border strongly raised, arcuate; middle of the base with large Δ -shaped tubercle, the posterior angles rounded, on either side with curved ridge extending from them to the anterior border a little in front of the eye, the surface between it and the eye deeply sulcate, the rest of the surface concave; puncturation rather fine, sparing towards the front, much closer behind. Antennae clavate, the 1st joint cylindrical, moderately long, 2nd and 3rd very short, the 4th and following transverse, the 6th much more strongly than the 5th, the penultimate joints strongly transverse. Thorax strongly transverse, the side margins raised, feebly rounded, more retracted in front, feebly emarginate behind the middle, the anterior angles briefly, the posterior broadly rounded, the base straight and oblique on each side, rounded in the middle, the disc with four strongly elevated parallel keels, the upper borders of which are bi-emarginate, the outer ones more strongly than the inner, the surface between the outer keel and the side margin broadly excavated; punc-

turation fine, sparing in the lateral excavations, close in the sulci and on the keels. Scutellum concealed. Elytra as long as but a little broader than the thorax, strongly transverse, the sides rounded, each with four sharp keels, sutural, lateral and two intermediate, the sculpture consisting of fine, obsolete longitudinal wrinklins in the sulci, the keels without sculpture. Abdomen scaphoidal, the sides rounded, a little narrowed at the base, more strongly towards the apex, very finely, not closely punctured and with the appendages described above. ♂. 6th ventral segment with a broad feeble subtriangular emargination: 7th with rather deep subtriangular emargination with rounded apex.

Nizi: Blukwa. 23-XI-29. With *Dorylus* sp.

Oxytelus grandis EPP. var. **collarti** n.

This variety is distinguished from the type form by the elytra being extensively infusate, so that only a more or less ill-defined brownish testaceous marking is present on each disc.

Stanleyville, 21-XI-29.

Oxytelus (Anotylus) stanleyi sp. n.

Shining; black, the elytra yellow, narrowly and obscurely infusate at the base: thorax trisulcate. Antennae black, the first three joints and the legs, yellow. Length 3.75 mm.

Near *gabonensis* FAUV. but differs in the colour of the elytra and antennae, the head scarcely dilated behind the eyes, its sculpture and that of the thorax much closer, the sulci of the latter deeper. Head transverse, as wide as the thorax, the eyes moderate, their curve a little shorter than the broadly rounded post-ocular region: antennae tubercles strongly elevated, the space between depressed and coriaceous, frontal margin truncate and raised, the frontal region without sculpture except at the sides where a fine coriaceous ground sculpture is visible: vertex in the middle with a small fovea, striate, limited on each side by a narrow coriaceous sulcus, postero-externally more coarsely striate and with a few small punctures. Antennae with the 1st joint gradually and slightly thickened towards the apex, 3rd longer than 2nd, 4th about as long as broad, 5th to 10th transverse, gradually increasing in width, 11th conical, as long as the two preceding together. Thorax transverse, widest before the middle, the sides rounded in front, retracted behind, the posterior angles completely rounded and finely crenulate: disc with three sulci, the late-

ral a little wider than the median and slightly curved, externally broadly impressed, the sulci and spaces between with a few small punctures, the sides closely and strongly striate. Elytra a little longer than the thorax, rather finely and sparingly punctured internally, towards the sides more closely and more strongly punctured, substriate. Abdomen coriaceous, almost impunctate.

♂: 7th ventral segment produced and narrowed, the apical margin with six small teeth.

♀: unknown.

Stanleyville: 7-X-28.

Paragonus africanus sp. n.

Moderately shining, pitchy-black, the thorax reddish-brown. Antennae and legs reddish-yellow. Length 3 mm.

In colour, build and antennal structure very similar to *heterocerus* FAUV. but a little broader and with the puncturation more superficial and less close, the antennae a little stouter and the elytra longer. Head narrower than the thorax with superficial, moderately close, obscurely umbilicate punctures, more obsolete towards the front. Antennae moderate, the 5th to 10th joints moderately transverse. Thorax strongly transverse, the sides straight and parallel for the anterior two-thirds then suddenly, strongly arcuately constricted to the base, against the constriction deeply foveate, the sculpture similar to that of the head. Elytra as broad as but a good deal longer than the thorax (5: 3 1/2) measured from the base, closely rather finely but roughly punctured. Abdomen moderately closely, rather finely punctured, coriaceous. The whole insect covered with rather long, coarse, moderately close yellow hairs.

Faradje: Male. 10-11-IV-30.

STENINAE

Stenus (s. str.) *collarti* sp. n.

Rather shining, black. Antennae and legs black. Length 4.5 mm. Near *mendicus* ER. but narrower and longer, more shining, the thorax narrower, the puncturation of the fore-parts not so close. Head narrower than the base of the elytra, rather deeply bisulcate, elevated along the middle, moderately closely punctured. Antennae as in *mendicus*, the 3rd joint longer than the 2nd, the following all longer than broad, gradually decreasing in length, the penultimate only slightly longer than broad. Thorax a little longer than broad, widest about

the middle, the sides a little more retracted behind than in front, along the middle with not very distinct narrow shining line, the puncturation similar but a little closer to that of the head. Elytra almost half as long again as the thorax, a little uneven and with very similar puncturation. Abdomen gradually narrowed from base to apex, the puncturation less coarse, but about as close as on the elytra, more sparing and a little finer behind. The whole insect covered with distinct whitish pubescence. First joint of the posterior tarsi about as long as the last.

♂: 5th ventral segment slightly flattened behind in the middle, scarcely emarginate: 6th broadly arcuately emarginate.

Nizi: Blukwa, 20-XI-28.

Stenus (s. str.) *sequens* sp. n.

In facies and size similar to *collarti* CAM. but less shining, the puncturation distinctly closer throughout. In other respects similar.

♂: 5th ventral segment scarcely perceptibly emarginate. 6th with broad, shallow arcuate emargination

Leopoldville. VI-27.

PAEDERINÆ

Pinophilus kawaensis sp. n.

Subdepressed, parallel, black, moderately shining. Antennae slender, reddish-yellow. Legs reddish-yellow. Length 13.5 mm.

Head transversely elliptical, almost as wide as the thorax, the eyes large and rather prominent, the post-ocular region straightly retracted to the neck, the whole surface closely, moderately coarsely punctured, the punctures at the base yet closer and rugose. Antennae slender, the joints strongly narrowed at the bases. Thorax as long as broad, widest in front the sides nearly straight and a little retracted behind, along the middle with a very narrow shining line, more evident and raised behind, the puncturation as close but rather less coarse than that of the head, not rugose. Elytra as broad as and scarcely longer than the thorax (measured from the base), a little more coarsely and a little less closely punctured. Abdomen closely punctured at the bases of the segments, much more finely and sparingly towards the apical margins. The whole insect covered with a rather long coarse greyish-yellow pubescence.

♂: unknown.

Fôret de Kawa (Lac Albert). 18-IV-29 (type). Nizi: Kwamba. 3-IV-39.

Paederus segmentarius sp. n.

Shining: head, scutellum and last two abdominal segments black, thorax and first four visible segments red, their posterior margins extremely narrowly blackish: elytra green. Antennae black, the first three joints reddish-yellow. Palpi reddish-yellow, the apex of the 3rd joint infuscate. Mandibles reddish. Legs black, the base of the anterior and the basal half of the middle and posterior femora yellow. Coxae yellow. Length 6 mm.

In size and build very similar to *limnophilus* ER. but narrower, the antennae similarly constructed but more slender, the head as closely but more coarsely punctured, thorax a little narrower in front, very finely and very sparingly punctured, elytra as long as the thorax, very closely, coarsely and rugosely punctured, much more coarsely than in *limnophilus* the abdomen less closely punctured than in that species.

Stanleyville. 27-V-28.

Lithocharis soror sp. n.

In build, sculpture and antennal structure scarcely differing from *sororcula* KR. but a little larger (3.5 mm.) and at once distinguished by the dark brown colour of the thorax and the extensively infuscate elytra, the first three joints of the antennae also are more or less infuscate, so that the insect is of darker appearance generally. From *parochracea* BERNH. which from the description is also of dark colouration, it would differ in the smaller size and larger eyes.

♂: unknown.

Likimi: Lipanga. 19-X-27. Stanleyville. 23-XII-29 (type). Faradje: Mongapi. 8-IV-30.

Cryptobium collarti sp. n.

Very similar to *motoense* BERNH. but a little larger (10-10.5 mm.), the elytra with the postero-external angles only and the shoulders obscurely reddish-yellow, the punctures at the base of the head without coriaceous fundi, the thorax without trace of a smooth space towards the sides and the abdomen much less finely punctured and with much less distinct ground-sculpture.

♂: 6th ventral segment with deep acute triangular excision, its apex rounded.

Fôret de Kawa (Lac Albert). 18-IV-29.

Cryptobium ovaliceps sp. n.

Black, shining. Antennae yellowish-red. Legs yellow. Length 8 mm.

Build of *motoense* BERNH. but the elytra entirely black without trace of rufescent posterior margin, the head less closely punctured behind with a few fine scattered punctures between the larger ones, thorax a little less closely punctured and with more definite smooth elongate space on either side of the middle, the impunctate central space also broader, the elytra a little less closely punctured.

♂: unknown.

Faradje: Alokoko. 11-II-30. (type), Ndua. 13-II-30.

STAPHYLININAE**Leptacinus brevisulcatus** sp. n.

Shining, black, the elytra and first two visible segments brownish yellow, the former more or less infuscate behind. Antennae black, the first three joints reddish. Legs reddish yellow. Length 5.5-6 mm.

In build very similar to *batychnus* GYLL. but much larger and differently coloured. Head oval, widened behind, as broad as the thorax, the posterior angles rather broadly rounded, the median frontal sulci rather short, the lateral very short and fine; sides with a few rather small scattered punctures, broadly impunctate along the middle. Antennae with the penultimate joints moderately transverse. Thorax long and narrow, the sides behind sinuate and retracted; dorsal row of five moderate punctures, externally with six others, the anterior of them displaced outwards. Elytra as long as the thorax with two or three rows of fine punctures. Abdomen very finely and sparingly punctured.

Nizi: Blukwa. 23-XI-28.

Leptacinus mandibularis CAM. (*Rev. Zool. Bot. Afr.*, XVIII, 1928, p. 4).

The type of this species is a ♂: examination of more material shows that the erect tooth on the left mandible is a sexual character and is absent in the ♀. It belongs to the group with narrow neck.

Leptacinus aethiops sp. n.

Shining, black, the elytra pitchy, the first two abdominal segments brownish-yellow. Antennae dark ferruginous red. Legs yellow. Length 4 mm.

Near *congoensis* BERNH. but narrower, the elytra differently coloured, the head not at all widened behind, broader than the thorax, the temples parallel, the posterior angles rounded, the puncturation finer and much more sparing; thorax narrower, the sides distinctly emarginate behind. In other respects similar to *congoensis*.

Nizi: Blukwa. 17-XII-20.

***Philonthus dorylophilus* sp. n.**

Shining, black, elytra reddish-yellow, thorax with dorsal row of four punctures; abdomen with the posterior margins of the first visible segments and the whole of the last two reddish-yellow. Antennae black, the first three joints and the legs reddish-yellow. Length 6-7 mm.

Facies of *discoideus* GR. but larger and differently coloured, the eyes larger, temples shorter, penultimate joints of antennae more transverse, elytra and abdomen more finely and more closely punctured and pubescent. In other respects similar.

♂: Anterior tarsi dilated. 6th ventral segment with a small shining obtusely triangular impression, its base feebly emarginate.

Nizi: Blukwa. 23-XI-28. With *Dorylus* sp.

***Philonthus mahagianus* sp. n.**

Closely allied to *morio* BOH. but differing in the following respects; the penultimate joints of the antennae are shorter, about as long as broad and blacker, the elytra have a slight bluish and coppery reflex, the reflexed margin is reddish-yellow and the puncturation is finer, the posterior margins of the abdominal segments are very narrowly and obscurely reddish and the puncturation and pubescence although fine and dense is a little less fine and a little less dense, and the transverse rows of larger punctures seen in *morio* are absent. Length 9 mm.

♂: Anterior tarsi dilated. 6th ventral segment with acute triangular smooth impression, its base arcuately emarginate.

Mahagi-Port. 16-II-29.

***Philonthus niziensis* sp. n.**

Very closely allied to *densecaudatus* BERNH. but the head broader, more quadrate, the 1st joint of the antennae pitchy, only the sutural margin of the more finely punctured elytra narrowly reddish and the yet finer and denser puncturation and pubescence of the abdomen which is distinctly sericeous as in *idiocerus* KR.

♂: Anterior tarsi dilated: 6th ventral segment very broadly, feebly emarginate. Length 5.5 mm.

Nizi: Blukwa. 18-XII-28.

***Diatrechus paederomimus* sp. n.**

Shining; head, posterior half of the 4th and the whole of the 5th and 6th abdominal segments black, iridescent; elytra blue; thorax and rest of the abdomen red. Antennae with the first two and the last four joints reddish-yellow, the intermediate more or less blackish. Femora yellow, the apical half blackish, tibiae black, tarsi reddish. Length 8 mm.

At first sight much resembles certain *Paederi*. Head orbicular, as broad as the thorax, the postocular region a good deal longer than the eye, extremely finely and very sparingly punctured, at the sides with two or three long black setae. Antennae with all the joints longer than broad, gradually decreasing in length from the 4th, the penultimate very slightly longer than broad. Thorax about a fourth longer than broad, the sides (viewed from above) straight and distinctly retracted to the base, very finely and sparingly punctured, the sides with two or three long black setae. Elytra (measured from the base) as long as but broader than the thorax, moderately finely and moderately closely punctured, the sides with some black setae. Abdomen finely and rather closely punctured, much less finely at the bases of the anterior segments, finely and closely pubescent, the posterior margins of the segments and the sides with black setae.

♂: 6th ventral segment with semicircular shining impression at the posterior margin, its base feebly arcuately emarginate.

Mahagi: Atshor, 2-III-29.

***Diatrechus paederiformis* sp. n.**

Very closely allied to the preceding and only differs in the elytra being black and obviously more finely punctured.

Mahagi: Atshor, 2-III-29. Nizi: Kwamba, 3-IV-29.

***Diatrechus obscurus* sp. n.**

Greasy-lustrous, black, the shoulders of the elytra reddish, abdomen iridescent, the posterior margin of the 7th and more or less of the 8th segments reddish. Antennae black the 1st joint pitchy black. Palpi reddish-yellow. Legs reddish, the apex of the femora a little infuscate. Length 10 mm.

Head transverse, suborbicular, as broad as the thorax, the base truncate, the postocular region broadly rounded, a little longer than the eyes, closely and moderately finely punctured, the front and a narrow median line smooth. Antennae with the 4th to 8th joints longer than broad, gradually decreasing in length, the 9th and 10th about as long as broad. Thorax longer than broad, the sides seen from above, parallel, the puncturation as close but a little finer than that of the head and without smooth central line. Elytra a little broader and a fourth shorter than the thorax, very finely, closely and roughly punctured. Abdomen very finely and very closely punctured. The whole insect covered with a fine short pubescence.

Nizi: Blukwa, 30-XI-28, (type). 4-II-29. Two female specimens.

PYGOSTENINAE

Doryloxenus balaena FAUV. subsp. *minor* n.

This race only differs from the type form in the smaller size (5 mm.), narrower build and the sculpture of the abdomen a little less fine and a little less close as is also the pubescence.

Lubutu, 8-X-29. With *Dorylus* sp.

TACHYPORINAE

Coprotachinus gen. n.

This genus is founded on *Tachinus congoensis* CAM. 1926. (*Coproporus schoutedeni* BERNH. 1928). It forms a link between *Coproporus* and *Tachinus*, from the former it is separated by the simple mesosternum, from the latter by the absence of prosternal epimera; the structure of the posterior tarsi resembles that of *Coproporus*, the abdomen is strongly bordered as in *Tachinus*. The 4th joint of the maxillary palpi is a little longer than the 3rd. From *Tachinomorphus* it is distinguished by the simple mesosternum, absence of prosternal epimera, strongly bordered abdomen and elongate 1st joint of the posterior tarsi.

ALEOCHARINAE

Hygronomalota gen. n.

Of subdepressed parallel build much resembling *Homalota* in facies but with all the tarsi 4-jointed. Head nearly as broad as the thorax, the eyes large, neck moderate, infraorbital ridge absent. Antennae

11-jointed. Mandibles short, acute, the right with a pointed tooth. Maxillary palpi 4-jointed, the 2nd and 3rd joints of equal length, the latter oval broader than the 2nd, 4th small, subulate, about a third as long as the preceding. Labial palpi 3-jointed, the 1st joint short and stout, 2nd a little shorter and narrower, 3rd more slender, narrower than the 2nd, about as long as the two preceding together. Tongue small, bifid at apex. Mesosternum simple, its process acute, extending about half the length of the coxae, anterior metasternal process short, rounded at apex, separated from the mesosternal process by an intersternal piece. Middle and posterior tibiae each with short black seta about the middle of the outer border. Tarsi all 4-jointed, the first three joints short, subequal, the 4th about as long as the three preceding together. Claws lightly curved. Elytra slightly emarginate postero-externally.

Hygronomalota collarti sp. n.

Moderately shining, reddish-yellow, the posterior half of the elytra more or less blackish, the last four abdominal segments black. Antennae yellow, the last two or three joints infusate. Legs yellow. Length 3.2 mm.

Head transverse, nearly as broad as the thorax, the eyes large, the disc flattened in the ♂: the front without sculpture elsewhere finely and indistinctly shagreened, very finely, moderately closely punctured. Antennae reaching the base of the elytra, the 3rd joint shorter than the 2nd, 4th and 5th scarcely longer than broad, 6th to 10th slightly transverse, 11th about as long as the two preceding together. Thorax a third broader than long, the sides rounded in front, straighter and more retracted behind, the posterior angles rounded, very finely, moderately closely punctured, near each side margin with three erect black setae. Elytra a little longer and broader than the thorax, very finely but more closely punctured than the thorax, the punctures more asperate, at the shoulders with a short black seta. Abdomen parallel with close subasperate, less fine puncturation than on the elytra throughout. The whole insect with fine rather close, yellowish pubescence.

♂: 8th dorsal segment with four sharp spines, separated from each other by shallow emarginations, the two central more distant from each other than from the lateral: 6th ventral segment a little produced and broadly rounded at apex. ♀: 8th dorsal segment truncate, the lateral margin produced as a short tooth.

Genge, 16-III-29; Mahagi: Nierombe, 18-II-29; Nizi: Blukwa, 6-XI-28.

***Cordalia squamipennis* sp. n.**

Moderately shining, pale castaneous red, the posterior margins of the abdominal segments lighter. Antennae reddish. Legs reddish-yellow. Length 3-3.5 mm.

At once distinguished from all others by the disc of the elytra being clothed with scales. Head as broad as the thorax, transverse, vertex impressed in the middle in the ♂, very finely, moderately closely punctured, finely yellow pubescent. Antennae long, extending to the middle of the elytra, 3rd joint a little longer than the 2nd, 4th to 7th longer than broad, gradually decreasing in length, 8th to 10th transverse, 11th as long as the 9th and 10th together. Thorax cordiform, the sides rounded, strongly retracted behind, along the middle deeply grooved from base to apex, in the ♂ with a rounded boss on each side about the middle; much less finely and more closely punctured than the head, the pubescence similar. Scutellum with a few asperate punctures. Elytra as long as but a good deal broader than the thorax, convex, the sides gently rounded, very closely, moderately finely punctured, the whole of the disc closely covered with greenish-white scales, elsewhere with a rather close yellowish pubescence, but less close than in *vestita*. Abdomen with the first three visible segments transversely impressed at the base, finely and closely punctured, more closely and less finely on the 4th and 5th segments and yet more coarsely in the basal impressions, pubescence fine and close.

Mahagi: Nialopul, 21-III-29.

***Demera (Demerina) aberrans* sp. n.**

Black, rather shining, thorax and base of the abdomen sometimes reddish. Antennae blackish, the first three joints yellow. Legs yellow. Length 1.75-2 mm.

Head transverse, as broad as the thorax, scarcely widened behind, the posterior angles broadly rounded, extremely finely, rather sparingly punctured, distinctly coriaceous. Antennae with the 2nd and 3rd joints of equal length, 4th to 10th transverse gradually increasing in width, the penultimate joints very strongly transverse, the 11th as long as the three preceding together. Thorax convex, transverse, cordiform without trace of posterior angles, along the middle with an extremely

fine impressed line, the sides of the base without impressions, the sculpture as on the head. Elytra convex, as long as the thorax, not impressed, with puncturation and ground sculpture scarcely differing from that of the fore parts, not at all rugose. Abdomen a little narrowed at base and apex, very finely, moderately closely punctured and pubescent.

Nizi: Blukwa, 23-XI-28. With *Dorylus* sp.

***Demera (Demerina) intermedia* sp. n.**

A little shining, head black, thorax reddish-brown, elytra pitchy black, abdomen reddish, the 3rd and 4th (visible) segments blackish. Antennae with the first three joints yellow, the following infusate. Legs yellow. Length 2 mm.

Near *globosa* BERNH. of similar size, build and colour, but less shining, the puncturation of the fore-parts much less fine and much closer and with a distinct coriaceous ground sculpture, the abdomen more closely punctured and pubescent. Antennae similarly constructed. Thorax with or without a very fine median impressed line, the oblique lateral basal impressions much less distinct, the elytra scarcely impressed.

Nizi: Blukwa, 23-XI-28. With *Dorylus* sp.

***Lucuphilus* gen. n.**

In facies resembles *Aleuonota carinella* CAM. but the genotype is smaller than that species and differs in the structure of the outer maxillary lobe which is similar to that of *Termitotropha*. Head orbicular, inserted in the thorax, temples not bordered below: gular sutures parallel: maxillary socket narrowly separated from the eye and extending backwards behind the level of its posterior margin. Antennae 11-jointed. Labrum transverse, its anterior border rounded. Mandibles small, edentate. Outer lobe of maxilla entirely membranous, crescentic, extending beyond the inner lobe and arching over it, its apex with very fine short hairs: inner lobe narrow, corneous, its apex pointed, incurved, its inner margin with 7 of 8 spines. Maxillary palpi with the 2nd joint slightly curved and slightly thickened towards apex, 3rd longer and broader, oval, 4th subulate, scarcely a fourth as long as the 3rd. Labial palpi 3-jointed, 1st joint cylindrical, 2nd narrower, scarcely longer than broad, 3rd yet narrower, about twice as long as the 2nd, a little dilated towards the apex. Tongue small, narrow, oblong, not extending beyond the 1st joint of the labial palpi, its apex notched. Mesosternal process very narrow, acute, extending

the whole length of the coxae, these narrowly separated. Winged. Abdomen not impressed at the bases of the segments, somewhat similar to that of *Demera* in appearance, the segments transversely convex. Tibiae finely ciliate, without setae. Tarsi 4, 5, 5: the anterior and middle with the basal joints short and subequal: posterior with the first four joints subequal but longer than those of the middle pair, the 5th joint about as long as the preceding three together. Claws slightly curved.

This genus should probably be placed near *Demera* FAUV. in view of the non-sulcate, convex tergites and the long narrow mesosternal process. Genotype *nitidus*.

***Lucuphilus nitidus* sp. n.**

Shining; head black or blackish, thorax reddish, elytra brownish-yellow. Abdomen reddish-yellow with the 4th and 5th (visible) segments blackish. Antennae and legs reddish-yellow. Length 1 4/5 mm. Somewhat resembling *Aleuonota carinella* CAM. in build and colour but much smaller. Head large, suborbicular as broad as but shorter than the thorax, the eyes a good deal shorter than the post-ocular region, with a few fine scattered punctures. Antennae rather short, the 3rd joint a little shorter than the 2nd. 4th to 10th transverse, gradually increasing in width, the penultimate joints strongly transverse, the 11th conical, almost as long as the three preceding together. Thorax slightly transverse, the sides in the anterior half very slightly rounded, in the posterior half slightly sinuate, equally retracted in front and behind, the posterior angles briefly rounded; puncturation fine as on the head but a good deal closer. Elytra measured from the base as long as but a little broader than the thorax, the puncturation as on the thorax but less close. Abdomen very slightly narrowed at the base, more so at apex, the segments without transverse basal impressions, finely but not closely punctured. The whole insect with stiff yellow hairs arising from each puncture. The species varies somewhat in colour, some examples being entirely reddish-yellow, they are probably immature.

Faradje: Mongapi, 9-IV-30. With *Termites* under a fallen tree.

***Lucuphilus affinis* sp. n.**

Very similar to the preceding but smaller (1 1/5 mm.) and entirely reddish-yellow, the head more quadrate, as long as broad, as long and as broad as the thorax: thorax shorter, more transverse, ely-

tra a little longer than it, puncturation of the thorax, elytra and abdomen less fine and more sparing.

With the preceding.

***Lucuphilus subcoriaceus* sp. n.**

Colour and build of the preceding, yet smaller (1 mm.) less shining, the fore-parts with a very fine coriaceous ground sculpture, sides of the thorax scarcely sinuate behind, the puncturation throughout finer and closer.

With the preceding.

***Atheta* (s. str.) *niziensis* sp. n.**

Moderately shining, black, the elytra blackish-brown. Antennae black, the 1st joint and the palpi pitchy-black. Legs yellow. Length 3 mm.

In build and colour very similar to *gagatina* BAUDI, but larger and more robust, the antennae longer and stouter, the sculpture throughout less fine and that of the abdomen closer. Head narrower than the thorax, transverse, finely, moderately closely punctured and coriaceous, the eyes large. Antennae with the 3rd joint longer than the 2nd, 4th about as long as broad, 5th to 10th transverse, gradually increasing in width, the 11th as long as the three preceding together. Thorax transverse, narrowly and superficially impressed along the middle, the sculpture closer, less fine and rougher than on the head, coriaceous. Elytra a little broader and a third longer than the thorax, not sinuate postero-externally, the sculpture closer and less fine than on the thorax. Abdomen a little narrower at the base and towards the apex, the sides posteriorly and at the apex with some long black setae, closely and finely punctured and pubescent, more sparingly on the last two segments. Tibiae without long setae.

♂: 8th dorsal segment with four small equidistant teeth, separated by arcuate emarginations, the lateral teeth produced a little further backward than the median pair.

Nizi: Blukwa, 23-XI-28. Apparently associated with a species of *Dorylus*.

***Atheta* (*Acrotona*) *amica* sp. n.**

Moderately shining, black, the thorax and abdomen pitchy, the apex and posterior margins of the segments reddish. Antennae black, the first two joints brownish-yellow. Legs yellow. Length 2.3-2.5 mm.

In build very similar to *parva* SAHLB. but not so black and with the antennae stouter and the 11th joint longer, the sculpture of the foreparts rougher. Head roundish, narrower than the thorax, coriaceous, finely, roughly, moderately closely punctured. Antennae with the 3rd joint as long as the 2nd, 4th to 10th transverse, gradually increasing in width, the 11th as long as the three preceding together. Thorax more than a half broader than long, similarly but more closely punctured than the head. Elytra transverse, as broad as but a little longer than the thorax more roughly and coarsely punctured, sinuate postero-externally. Abdomen narrowed from base to apex, rather finely and rather closely punctured in front, more sparingly behind, pubescence yellowish, longer on the posterior margins of the segments; sides with a few setae. Middle tibiae each with two fine black inconspicuous setae, the posterior without setae.

Nizi: Blukwa, 23-XI-29. With *Dorylus* sp.

Periergopus sculptus FENYES.

The flattened posterior tarsi in this species is not a sexual character but is found in both ♂ and ♀. FENYES in his description has given the ♀ character, not the ♂ as he supposed. I give here the sexual differences.

♂: 8th dorsal segment broadly obtusely emarginate, the apex of the excision rounded. 6th ventral segment distinctly produced and broadly rounded at apex.

♀: 8th dorsal segment with narrow semicircular excision, 6th ventral segment not produced.

In both sexes the 8th dorsal segment has on each side three little tubercles placed obliquely and the side margins each have two or three crenulations.

Stanleyville; Likimi: Mimbo, Mundjinga.

Zyras (Aulacephalonia) scelerosa sp. n.

Greasy lustrous, pitchy-black, the elytra brownish-yellow, slightly infusate at the postero-external angles, the posterior margins of the abdominal segments narrowly reddish. Antennae blackish, the first two joints and apex of the last reddish-yellow. Legs reddish-yellow. Length 5.3 mm.

Near *scorpio* WASM. Very similar in lustre and colour, but much smaller and less robust, more finely punctured. Head narrower than the thorax, foveate at the middle of the base, the eyes large, the postocular

region retracted to the neck; finely coriaceous, very finely, asperately, moderately closely punctured. Antennae with the 2nd and 3rd joints subequal, the 4th scarcely, the 5th to 10th moderately transverse. Thorax twice as broad as long, transversely convex, very slightly obliquely impressed laterally, the sides evenly rounded, a little more retracted in front, the posterior angles rounded, the base narrowly bevelled, before the scutellum transversely impressed, the sculpture as on the head. Elytra as long as but a little broader than the thorax, slightly sinuate at the postero-external angles, the puncturation very similar to that of the thorax, scarcely coriaceous. Abdomen gradually narrowed from base to apex, very finely, moderately closely punctured throughout, at the posterior margins of the segments with a row of very small granules: 7th segment sulcate on each side. The whole insect covered with a rather long, coarse yellow pubescence.

♂: 1st (visible) segment produced backwards in the middle as a long spine, laterally compressed and truncate at apex: 5th with a small tubercle on each side of the middle about the posterior third: 6th on each side with strongly raised, slightly curved keel, converging behind, the surface between closely covered with small tubercles, the posterior margin rounded and finely and closely denticulate.

Nizi: Blukwa, 23-XI-28.

Zyras (Aulacephalonia) inermis sp. n.

Moderately shining, black, the sides of the thorax sometimes narrowly and obscurely reddish, the elytra orange-red with a black mark occupying the posterior two-thirds of the reflexed margin and adjacent region of the disc. Antennae not compressed, black, the 1st joint and the legs reddish-yellow. Length 5 mm.

In build, antennal structure and sculpture much resembling *scorpio* WASM. but smaller and much narrower with the base of the thorax more distinctly bevelled. Head narrower than the thorax, the eye large and occupying the whole side of the head at the middle of the base with a small fovea, finely, moderately closely punctured, smooth along the middle, distinctly coriaceous. Antennae rather short, the 3rd joint a little longer than the 2nd, 4th to 10th transverse gradually increasing in width, the 11th about as long as the two preceding together. Thorax nearly twice as broad as long, the sides evenly rounded more retracted in front than behind, the anterior angles a little prominent, the posterior obtuse, the base with distinct, shining, bevelled margin, postero-laterally lightly obliquely impressed, before the scutellum with a small impres-

sion, the sculpture as on the head but the puncturation rather less fine. Elytra as long and as broad as the thorax, slightly sinuate posteriorly near the external angles, coriaceous, closely, finely, asperately punctured in the ♂, scarcely asperate in the ♀. Abdomen parallel, narrowed at apex very finely, closely punctured, the 7th segment with longitudinal sulcus on each side.

♂: 1st and 2nd (visible) segments each with a minute tubercle on the posterior margin in the middle, 4th with a transverse row of four minute tubercles on the posterior margin, 5th with a small tubercle on each side of the median line about the middle and five others placed along the posterior margin, 6th granulate with four little tubercles placed transversely near the base, its posterior margin crenulate, the three median crenulations larger, the lateral margin produced as a short spine.

♀: 6th dorsal segment with three large crenulations on the rounded posterior margin, the surface with scattered granules.

This species which on the whole presents the characters of the subgenus *Aulacephalonia* differs from it in the more strongly bevelled base of the thorax in this respect resembling *Creodonia* which however has a much less transverse thorax with more prominent posterior angle.

Nizi: Blukwa, 23-XI-28.

Zyras (Parophthalmonia) marukana sp. n.

Shining, reddish-yellow, the head black, the frontal region and mouth-parts reddish-yellow. Antennae compressed, reddish. Legs reddish-yellow. Length 8.2 mm.

Near *burgeoni* BERNH. but of lighter colour, the thorax and elytra more shining, the former almost semicircular, less explanate at the sides which are equally retracted in front and behind and much less elevated; much less finely and much less closely punctured, the elytra much more strongly punctured. Head narrower than the thorax, the eyes large and prominent occupying nearly the whole side, finely coriaceous, moderately finely, rather sparingly punctured. Antennae long, compressed, the 3rd joint much longer than the 2nd, the penultimate triangular, about as long as broad, the 11th as long as the two preceding together. Thorax more than one-half broader than long, the sides evenly rounded, equally retracted in front and behind, all the angles broadly rounded, superficially, broadly impressed on each side, before the scutellum with a small transverse impression, impunctate along the middle, the puncturation moderately fine, moderately close on the disc much less close towards the sides, ground sculpture absent, pubescence yellow and scanty, the sides with a few black hairs. Elytra widened

behind, a little longer a little broader than the thorax, closely, moderately finely, simply punctured and without ground sculpture. Abdomen a little narrowed towards apex, practically impunctate, 7th segment sulcate on each side.

♂: Unknown.

Faradje: Maruka, 25-XI-30.

Aleochara (Baryodma) plagifer sp. n.

Shining, black, each elytron with ill-defined red discal spot extending from the posterior margin towards the base. Antennae black, the first two joints and the legs reddish-yellow. Length 4 mm.

Near *congoensis* BERNH. but the antennae a little shorter with more transverse penultimate joints, the thorax longer, less transverse, more finely and rather more sparingly punctured, the elytra less extensively red, a little shorter than the thorax, a little less closely punctured, the abdomen much less finely and less closely punctured. From *plagiata* CAM. it differs in the smaller size and less closely punctured fore-parts.

Nizi: Blukwa, 23-XI-28 (type); Stanleyville, 7-X-28.

Aleochara (Polychara) marginalis sp. n.

Shining black, the elytra blood red with the postero-external region and reflexed margin almost to the shoulder black. Antennae black, the first two joints and the legs reddish-yellow. Length 5-6 mm.

Scarcely differing in build and colour from *marginipennis* BERNH. but with longer, less stout antennae, the 4th joint longer, the following less transverse, puncturation of the fore-parts distinctly finer and much closer, the anterior segments of the abdomen much less finely punctured. The mesosternum is keeled and the elytra without sinuation postero-externally.

Stanleyville, 9-XII-29, 21-XI-29.

Aleochara (Coprochara) quadripunctata sp. n.

Closely allied to *denticulata* MOTSCH. but larger (4.75-6 mm.), the fore-parts less shining, more coriaceous, the elytra less closely punctured, dark red more or less infusate externally. Antennae longer and thinner, the first two or three joints usually black but occasionally reddish, legs pitchy brown with reddish tarsi, otherwise similar to *denticulata*.

♂: 8th dorsal segment feebly, broadly emarginate, the posterior border furnished with rather long, closely placed spines.

Mahagi-Port, 16-II-29.