

ni à des conditions identiques de vie de l'espèce que nous avons étudiée; GERHARDT a observé l'accouplement de *Marpissa muscosa* en Allemagne le 4 novembre. BRISTOWE (1929), qui n'a pas vu la copulation elle-même, en a suivi les préliminaires en mars et en septembre.

Ajoutons que BECKER (1882; p. 15) écrit que la ponte commence aux premiers jours de mai; nous avons nous-mêmes capturé des jeunes en hiver. Y-a-t-il une ponte à la bonne saison et une à l'arrière-saison? De nouvelles observations sur le cycle de vie de cette espèce ne seraient pas inutiles.

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Je dois les renseignements bibliographiques à l'amabilité de M. P. BONNET de Toulouse, que je tiens à remercier ici.

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New Species of *Staphylinidae* (Col.)

FROM THE BELGIAN CONGO

COLLECTED BY M. A. COLLART

BY

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Conosoma collarti sp. n.

Rather shining, brownish-yellow, the basal margin of the head blackish, the elytra behind the middle with an ill-defined transverse smoky fascia not reaching the suture or the posterior margin. Antennae reddish-yellow, the intermediate joints infusate. Legs reddish-yellow. Length 3mm.

In build much resembling *immaculatum* STEPH., but with the thorax a little shorter and so more transverse, the antennae are similarly constructed but not so stout, the whole insect much less closely punctured and pubescent, in other respects similar to *immaculatum*. Mahagi: Nialopul, 20-III-29.

Nopromaca carinata sp. n.

Head and thorax black, nearly dull, elytra and abdomen more shining, the former pitchy-brown, the latter black with the posterior margins of the first three visible segments reddish. Antennae reddish-brown, the first three joints reddish-yellow. Legs reddish-yellow. Length 3mm.

This species would appear to be closely related to *Pronomaca opacicollis* BERNH. which probably is referable to this genus, but it is at once distinguished by the elytra being distinctly carinate along the posterior half of the suture. Head strongly coriaceous, the puncturation indistinct, superficial and close, much confused with the ground sculpture. Antennae extending beyond the base of the elytra, the 2nd and 3rd joints of equal length, 4th as long as broad, 5th

to 10th transverse, gradually increasing in width, 11th longer than the two preceding together. Thorax about a third broader than long, the sides rounded in front, retracted behind, the posterior angles obtuse, broadly but superficially impressed along the middle behind, strongly coriaceous, the puncturation scarcely visible. Elytra convex, broader and a little longer than the thorax, closely, moderately finely, roughly punctured, the posterior half of the suture distinctly carinate. the keel as seen from the side grandally rising from before backwards and then falling to the posterior border, so that its edge is obtusely angulate. Abdomen with the first three visible segments strongly transversely impressed at the bases, closely and rather strongly punctured, the 4th more sparingly, the 5th and 6th with numerous small granules, the posterior margin of the latter with a slender incurved pointed spine on each side, in the middle with three blunt ones of which the middle one is more slender. The whole insect covered with a moderately close, yellow depressed pubescence.

Stanleyville, 14-XII-29.

***Cordalia collarti* sp. n.**

Rather shining, reddish-brown, the head black, the 6th and 7th abdominal segments blackish. Antennae reddish, the first three joints and the last lighter. Legs reddish-yellow. Length 2.2 mm.

In colour and lustre very similar to *obscura* Gr. but smaller, the head flatter, more transverse, a little widened behind the eyes, the antennae thinner, the penultimate joints shorter and so more transverse, thorax shorter, puncturation of the elytra less fine; 8th dorsal segment with a strong median keel projecting over the posterior margin as a spine; in all other respects scarcely differing from *obscura*.

Stanleyville, 14-XII-29.

***Demera* (*Demerina*) *wasmanni* v. *mayumbeana* nov.**

Differs from the type form in the darker colour, the head being black, the thorax and elytra pitchy-black, the abdomen obscure reddish-yellow with the 5th and 6th segments pitchy, the antennae except the base are also darker, in all other respects similar to the type. Length 1.3-1.5 mm.

Mayumbe: Kinkonzi, 30-VI-24.

***Rhopalybia* gen. nov.**

In facies not unlike *Hoplandria pulchra* Kr. but with mouth parts

more like *Atheta*. Apparently closely allied to *Pachorhopala* BERNH. but at once distinguished by the widely separated middle coxae, the mesosternal process being broadly truncate behind and extending almost half the length of the coxae, and the presence of an acute tooth at the inner edge of the right mandible. Head suborbicular, exserted, the neck wide, temples finely bordered below. Labrum transverse, its anterior border scarcely emarginate. Mandibles curved, pointed, the right with a small acutely pointed and forwardly directed tooth at the middle of the inner margin. Maxillary palpi 4-jointed, 1st joint small, 2nd slightly curved and a little thickened towards the apex, 3rd longer but scarcely thicker at the apex than the preceding, 4th subulate as long as the 2nd, more than half as long as the 3rd. Outer lobe of maxilla longer than the inner, narrowed from base to apex which is ciliate: inner lobe narrow and pointed, slightly incurved at apex, closely set with fine curved spines on the apical half, ciliate towards the base. Mentum transverse, trapezoidal, truncate in front. Labial palpi 3-jointed, 1st joint stout, cylindrical, about twice as long as broad, 2nd a little narrower and about half as long, 3rd narrower, cylindrical, twice as long as the 2nd. Tongue rather broad, as long as the 1st joint of the labial palpi, split at apex into two rounded lobes. Paraglossae extending the whole length of the 1st joint of the labial palpi. Thorax transverse, convex, the pronotal epipleura visible from the side. Mesosternal process short and broad, extending about half the length of the coxae and broadly truncate behind; metasternal process broadly rounded at apex and nearly meeting the mesosternal. Elytra not sinuate postero-externally. Abdomen nearly parallel, slightly narrowed before apex, the first two visible tergites transversely impressed, the 7th segment scarcely longer than the 6th. Legs moderate; tibiae ciliate: tarsi 4, 5, 5, the anterior with the first three joints short, subequal, 4th as long as the three preceding together: middle with the 1st joint short, 2nd to 5th gradually increasing in length; posterior with the 1st joint rather short, 2nd and 3rd a little longer, 4th about as long as the 1st, 5th about as long as the 3rd and 4th together.

***Rhopalybia flavipennis* sp. n.**

Shining black, the elytra yellow occasionally infuscate postero-externally, the posterior margins of the abdominal segments narrowly and obscurely reddish. Antennae reddish-yellow, more or less infuscate towards apex. Legs reddish-yellow. Length 2.5-3 mm.

In facies somewhat like *Hoplandria pulchra* KR. Head suborbicular much narrower than the thorax, the eyes large, as long as the post ocular region, on the disc with four fine quadrately placed punctures, otherwise practically impunctate and with scarcely perceptible ground sculpture. Antennae short and stout, 2nd joint short, 3rd a little longer, 4th small, transverse, 5th to 10th much more strongly, gradually increasing in width, the penultimate about three times broader than long, the 11th small, distinctly narrower than the 10th. Thorax transverse (3.75 : 2.75), the sides evenly rounded with the base a little more retracted in front and with a few small scattered obsolete punctures, the ground sculpture as on the head. Elytra slightly longer and a good deal broader than the thorax, transverse, in the ♂ rather sparingly covered with small granules, in the ♀ with a few very fine simple punctures, the ground sculpture distinct in both sexes. Abdomen a little narrowed at base and apex, practically impunctate, very finely and obsoletely coriaceous.

♂: 7th dorsal segment sometimes with a tubercle (which is sometimes divided) on the posterior margin, sometimes without trace of tubercle: 8th with the posterior margin gently rounded and with two little teeth separated from each other by a small notch, occasionally the teeth scarcely visible.

Mayumbe: Buende-Suindi, 18-V-25.

***Zyras (Grammodonia) mutatus* sp. n.**

Shining, head black, thorax and elytra pitchy-black, the latter with slight violet-coppery reflex, the humeral angles obscurely reddish-yellow. Abdomen in greater part reddish-yellow with the posterior margins of the first five visible segments blackish, the 6th black. Antennae black, the first two joints reddish-brown. Legs reddish-yellow. Length 4.75 mm.

Head transverse, suborbicular, narrower than the thorax, the eyes large, much longer than the post-ocular region, between the bases of the antennae with a little tubercle, very finely, rather sparingly punctured; ground sculpture fine. Antennae rather long, all the joints longer than broad, the penultimate only slightly, the 11th about as long as the 9th and 10th together. Thorax slightly transverse, a sixth broader than long, the anterior angles and sides in front rounded, straightly retracted behind, the posterior angles obtuse, the base with bevelled edge, along the lateral margin distinctly impressed, before the scutellum with a deep fovea, the whole surface rather closely

covered with small somewhat asperate punctures, the ground sculpture very feeble. Elytra broader and slightly longer than the thorax, closely, rugosely sculptured. Abdomen much more shining than the fore-parts, practically impunctate and glabrous, except for a few small granules along the posterior margin of the 7th and on the surface of the 8th segments.

♂: 3rd abdominal segment with the posterior margin rounded and elevated in the middle, with two setiferous punctures close together near the middle of segment: 4th and 5th each with a pair of small setiferous tubercles similarly situated: 6th with four short keels placed quadrately: 7th with two longer keels parallel to each other near the middle line and briefly interrupted before the posterior end: 8th with the posterior margin indistinctly crenulate, the surface covered with small granules.

Mayumbe: Buende-Suindi, 18-V-25.

***Zyras (Trachydonia) aethiops* sp. n.**

Shining, head black, thorax reddish-yellow; elytra pitchy-black, the suture very narrowly and obscurely, the posterior margin narrowly reddish-yellow, abdomen with the 1st and last segments reddish-yellow, the rest black. Antennae reddish, the 1st joint and the legs reddish-yellow. Length 3 mm.

Near *simulator* CAM. but smaller, the thorax less transverse, more closely and a little more strongly sculptured, elytra with the posterior margin more narrowly reddish-yellow and more closely punctured, abdomen darker. Head nearly as broad as the thorax, the eyes very large; smooth along the middle, elsewhere with small scattered umbilicate punctures and without ground sculpture. Antennae with the 3rd joint a little longer than the 2nd, 4th and 5th about as long as broad, 6th to 10th transverse, increasing in width, the 11th about as long as the two preceding together. Thorax nearly a third broader than long, the sides rounded in front, retracted and slightly sinuate behind, the posterior angles distinct and obtuse, along the sides distinctly impressed, before the scutellum foveate, the sculpture composed of moderately close, small granules; ground sculpture absent. Elytra broader but scarcely longer than the thorax, the sculpture much closer, rather finer, and distinctly asperate. Abdomen practically impunctate, except the base of the 6th and 7th segments where there are a few small elongate punctures, the 8th with a few small granules. The two specimens are apparently ♀.

Mayumbe: Buende-Suindi, 18-V-25.

Zyras (Trachydonia) nizianus sp. n.

Shining, dark yellowish-red, the head and 5th and 7th abdominal segments blackish. Antennae reddish, the first two joints and legs reddish-yellow. Length 5 mm.

Build of *ugandae* BERNH. but larger, the abdomen darker, antennae longer, the 4th and 5th joints fully as long as broad, the head similarly punctured, thorax less transverse, broadly and deeply depressed before the scutellum, puncturation coarser, the elytra also much more coarsely punctured, abdomen much less finely and much more closely punctured. Head a good deal narrower than the thorax, the post-ocular region very short, closely and moderately finely punctured, along the middle with a narrow impunctate area. Antennae with the 3rd joint almost twice as long as the 2nd, 4th and 5th fully as long as broad, 6th to 10th transverse, increasing in width, the 11th as long as the two preceding together. Thorax a fourth broader than long, the sides rounded in front, retracted and a little sinuate before the obtuse posterior angles, the anterior angles rounded, posteriorly in the middle strongly transversely impressed, the impression limited by the raised posterior margin and a tubercle on each side continuous with it forming a crescent, the sides broadly impressed, the disc before the basal impression with a transverse impression continuous with the lateral ones, the disc in front convex and finely grooved; puncturation very similar to that of the head, except on the middle of the disc which is impunctate. Elytra at the suture as long as the thorax, but broader, convex, slightly impressed towards the sides, rather closely, moderately coarsely punctured, somewhat transversely rugulose. Abdomen closely, moderately finely punctured throughout.

♂: (?) 8th dorsal segment with about six teeth on the posterior margin, the upper surface closely covered with small granules.

This species appears to connect *Trachydonia* with *Tropidonia*.

Nizi: Blukwa, 30-I-29.

Zyras (Pachydonia) mahagianus sp. n.

Shining, head black, thorax and elytra dark chestnut brown, the base and shoulders more or less reddish-yellow. Abdomen black, the first two segments reddish-yellow. Antennae blackish, the first two joints and legs reddish-yellow. Length 5 mm.

In colour very similar to *germanus* CAM. but larger, thorax shorter, more transverse, elytra less closely, not at all rugosely punctured. Differs from *mayumbeanus* CAM. in the larger size, less transverse, less

coarsely and less closely punctured thorax and less closely punctured elytra. Head round, much narrower than the thorax, at the sides with some small scattered punctures, along the middle smooth. Antennae moderate, the 3rd joint a little longer than the 2nd, 4th to 7th longer than broad, decreasing in length, the 8th to 10th slightly transverse, 11th as long as the 9th and 10th together. Thorax a little transverse, convex, the sides rounded and dilated in front, retracted and sinuate before the distinct obtuse posterior angles, the basal margin bevelled, before the scutellum foveate, the punctures moderately close, much like those on the head. Elytra as long as but broader than the thorax, convex, moderately finely and moderately closely punctured like the thorax. Abdomen practically impunctate and glabrous: 8th dorsal segment with small arcuate emargination. ? ♂.

Mahagi: Nialopul, 20-III-29.