

PARC NATIONAL DE L'UPEMBA  
I. MISSION G. F. DE WITTE  
en collaboration avec  
W. ADAM, A. JANSSENS, L. VAN MEEL  
et R. VERHEYEN (1946-1949).  
Fascicule 17 (6)

NATIONAAL UPEMBA PARK  
I. ZENDING G. F. DE WITTE  
met medewerking van  
W. ADAM, A. JANSSENS, L. VAN MEEL  
en R. VERHEYEN (1946-1949).  
Aflevering 17 (6)

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CERAMBYCINÆ  
(COLEOPTERA PHYTOPHAGA)  
Fam. CERAMBYCIDÆ

BY

EVELYN ARTHUR JOSEPH DUFFY (London).

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The *Cerambycinæ* of the collection formed by M. G. F. DE WITTE and his collaborators in the region of the « Parc National de l'Upemba » have been sent to me for determination and are here recorded.

The following list comprises 342 specimens representing 48 species of this subfamily of the *Cerambycidaæ*.

One new genus and three new species are here described. A few apparently new species of *Xystrocera* are also represented but have not been described for the reasons given in the text.

The proportion of new forms is unexpectedly low and by far the greater proportion of the total number is made up of long series of well-known and widely distributed species such as *Chromalizus leucorrhaphis* GERSTAECKER (63 ex.), *Hesperophanes fasciatus* BILBERG (27 ex.) and *Anubis vittatus* SCHMIDT (26 ex.). On the other hand it is remarkable that from so many different localities no specimens were obtained of many of the genera typical of this region.

The types of species herein described will be returned to the « Institut des Parcs Nationaux du Congo Belge » and some of the paratypes incorporated in the collection of the British Museum (Nat. Hist.), London (!).

I wish to express my appreciation and thanks to Prof<sup>r</sup> V. VAN STRAELEN for enabling me to study this material.

The two illustrations have been drawn by Mrs. C. A. O'BRIEN.

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The localities between [ ] are without the Park's region.

## CERAMBYCINÆ.

### Tribe **SMODICINI.**

#### **Smodicum ebeninum** CHEVROLAT.

*Smodicum ebeninum* CHEVROLAT, 1855, Rev. Zool., 2, 7, 183; Prem. Cent. de Long., 3, pl. 1, fig. 3; MURRAY, 1870, Ann. Mag. nat. Hist., 4, 7, 175, pl. 2, fig. 3.

1 specimen : Kanonga, 695 m, 13-27.IX.1947.

### Tribe **ASEMINI.**

#### **Pectotenus scalabrii** FAIRMAIRE.

*Pectotenus scalabrii* FAIRMAIRE, 1896, Ann. Soc. ent. Belg., 40, 366.

1 ♂, 1 ♀ : Kaswabilenga, 700 m, 1-9.X.1947.

### Tribe **SAPHANINI.**

#### **Zamium incultum** PASCOE.

*Zamium incultum* PASCOE, 1864, Journ. Ent., 2, 289; DISTANT, 1904, Ins. Trans., 105, pl. 10, fig. 2.

*Zamium hylotrypoides* FAIRMAIRE, 1887, Ann. Soc. ent. Fr., 6, 7, 327.

*Zamium rusticum* PÉRINGUEY, 1892, Trans. S. Afr. Phil. Soc., 6, 2, 77; 1904, Ann. S. Afr. Mus., 3, 297.

*Zamium triviale* FÄHRAEUS, 1872, Öfvers. Vet. Ak. Förh., 29, 1, 48.

1 specimen : Mabwe, lac Upemba, 585 m, 1-12.VIII.1947; 1 specimen : 1.XII.1947.

It has been suggested by LEPESME (1948, Rev. Zool. Bot. Afr., 40, 256) that this genus should be transferred to the *Asemini* but I have recently found that the larva of *Z. incultum* clearly belongs to the *Cerambycinæ* and that no characteristics of the *Asemini* such as the wedge-shaped mandibles and internal tentorial cross-arm are evident [DUFFY, 1953, A Monograph of the immature stages of British and imported Timber Beetles (*Cerambycidæ*). British Museum (N. H.)].

Tribe **CEMINI**.**Xystrocera nigrita** SERVILLE.

*Xystrocera nigrita* SERVILLE, 1834, Ann. Soc. ent. Fr., **3**, 70; CASTELNAU, 1940, Hist. Nat., **2**, 427; DUVIVIER, 1892, Ann. Soc. ent. Belg., **36**, 333.

11 ♂♂, 7 ♀♀ : Mabwe (lac Upemba), 585 m, 1-12.VIII.1947; 1 ♂ : 21-28.VIII.1947; 1 ♂ : 1-8.IX.1947; 1 ♀ : 1.XII.1947; 1 ♂ : Kaziba, 1.140 m, 19-27.II.1948; 1 ♂ : riv. Kamitungulu, affl. Lusinga, 1.700 m, 4-7.III.1947.

**Xystrocera vittata** FABRICIUS.

*Xystrocera vittata* FABRICIUS, 1792, Ent. Syst., **1**, 2, 323; CASTELNAU, 1840, Hist. Nat., **2**, 427; AURIVILLIUS, 1908, in SJÖSTEDT, Ergebn. Exp. Kili-mandjaro, **7**, 142..

*Xystrocera senegalensis* KLUG, 1835, ERMAN'S Reise, Atl., **5**, 44; CASTELNAU, 1840, Hist. Nat., **2**, 427.

1 ♂, 1 ♀ : Kaswabilenga (rive dr. Lufira), 700 m, 6-9.X.1947; 1 ♂ : Mabwe, 585 m, XI-XII.1948, taken at night, 1 ♂ : [Masombwe (riv. Kanakakasi), 1.120 m, 4-16.X.1948].

**Xystrocera reducta** DUFFY.

*Xystrocera reducta* DUFFY (in litt.).

1 ♂ : Kaswabilenga (rive dr. Lufira), 700 m, 18-23.IX.1947; 1 ♂ : 1-9.X.1947; 1 ♀ : 6-9.X.1947; 1 ♀ : 16.X.1947.

**Xystrocera buqueti** THOMSON ?

*Xystrocera buqueti* THOMSON, 1858, Arch. Ent., **2**, 155, pl. 5, fig. 2.

2 ♂♂ : Kaswabilenga (rive dr. Lufira), 700 m, 6-9.X.1947.

These specimens appear to agree with the description of this species although the type has not been available.

**Xystrocera** spp. ?

The 3 specimens of this bright, metallic green species do not agree with any descriptions of this group in literature. Until the types of certain THOMSON and JORDAN species are available it is not considered advisable to describe these specimens as new to science.

1 ♂ : Kateke, 950 m, 23.XI-5.XII.1947; 1 ♂ : Kankunda, 1.300 m, 19-24.XI.1947; 1 ♂ : 24-28.XI.1947.

The following 3 specimens are females and appear to be 3 new species. It is considered inadvisable, however, to describe them as new, until male specimens or at least additional species are available.

1 ♀ : Kaswabilenga, 700 m, 6-9.X.1947; 1 ♀ : 10-13.X.1947; 1 ♀ : Kan-kunda, 1.300 m, 20.XI.1947.

**Parœme nigripes** AURIVILLIUS.

*Parœme nigripes* AURIVILLIUS, 1907, Ark. f. Zool., **3**, 18, 2, pl. 1, fig. 3.

1 specimen : Lupiala, 900-1.200 m, 23.X.1947.

**Parœme inermis** JORDAN.

*Parœme inermis* JORDAN, 1903, Nov. Zool., **10**, 134.

2 specimens : Kaswabilenga, 700 m, 3-8.XI.1947.

**Coptœme triguttata** AURIVILLIUS.

*Coptœme triguttata* AURIVILLIUS, 1904, Ark. f. Zool., **1**, 313.

1 ♂ : Kaswabilenga, 700 m, 22-26.X.1947.

Tribe **ACHRYSONINI.**

**Allogaster geniculata** THOMSON.

*Allogaster geniculata* THOMSON, 1864, Syst. Ceramb., p. 251.

1 specimen : Kaswabilenga, 700 m, 23-24.X.1947.

**Allogaster bicolor** DUFFY.

*Allogaster bicolor* DUFFY, 1952, Bull. Inst. roy. Sci. nat. Belg., 28, n° 57, 1.

1 ♂ : Kaswabilenga, 700 m, 22-26.X.1947.

Tribe **GERAMBYCINI.**

**Derolus arciferus** GAHAN.

*Derolus arciferus* GAHAN, 1891, Ann. Mag. nat. Hist., 6, **7**, 27, 30; KOLBE, 1893, Stett. Ent. Zeit., **54**, 60.

1 specimen : Munoi, bif. de la riv. Lupiala, 890 m, 22-24.XI.1948.

**Pachydissus rugulosus** AURIVILLIUS.

*Pachydissus rugulosus* AURIVILLIUS, 1913, Ark. f. Zool., **8**, 29, 4.

3 specimens : Kaswabilenga, 700 m, 18-23.IX.1947; 1 specimen : 750 m, 6-7.IX.1948.

**Pachydissus camerunicus** AURIVILLIUS.

*Pachydissus camerunicus* AURIVILLIUS, 1907, Ark. Zool., **3**, 18, 4, fig. 35, 2.

1 specimen : Munoi, bif. de la riv. Lupiala, 890 m, 12-14.VI.1948; 1 specimen : Kaswabilenga, 700 m, 24.IX.1947; 1 specimen : 1-9.X.1947; 1 specimen : 10-13.X.1947; 1 specimen : Muye (riv. près de Kabenga), 11.VII.1945; 1 specimen : Kilwezi, 750 m, 2-7.VIII.1948.

**Pachydissus natalensis** WHITE.

*Pachydissus natalensis* WHITE, 1853, Cat. Col. Brit. Mus., **7**, 128; GAHAN, 1891, Ann. Mag. nat. Hist., **6**, **7**, 26; DISTANT, 1904, Ins. Transv., 113, pl. 9, fig. 12; AURIVILLIUS, 1907, Ark. f. Zool., **3**, 18, 5, fig. 35, 3.

1 specimen : Munoi, bif. de la riv. Lupiala, 890 m, 31.V-2.VI.1948.

**Plocæderus cyanipennis** THOMSON.

*Plocæderus cyanipennis* THOMSON, 1860, Classif. Ceramb., 198; GAHAN, 1891, Ann. Mag. nat. Hist., **6**, **6**, 20.

1 specimen : Kaswabilenga, 700 m, 6-9.X.1947.

**Plocæderus spinicornis** FABRICIUS.

*Plocæderus spinicornis* FABRICIUS, 1781, Spec. Ins., **1**, 224; GAHAN, 1890, Ann. Mag. nat. Hist., **6**, **6**, 258.

*Plocæderus denticornis* OLIVIER, 1795, Ent., **4**, 60.

*Plocæderus denticornis* var. *pubipennis* WHITE, 1853, Cat. Col. Brit. Mus., **7**, 126.

1 specimen : Mabwe (lac Upemba), 585 m, 3-9.IX.1947; 1 specimen : Munoi, bif. de la riv. Lupiala, 890 m, 22-24.VI.1948.

**Plocæderus fucatus** THOMSON.

*Plocæderus fucatus* THOMSON, 1858, Arch. Ent., **2**, 150; GAHAN, 1890, Ann. Mag. nat. Hist., **6**, **6**, 258.

1 specimen : Munoi, bif. de la riv. Lupiala, 890 m, 22-24.VI.1948; 1 specimen : Kaswabilenga, 700 m, 10-13.X.1947.

**Plocæderus frenatus** FÄHRAEUS.

*Plocæderus frenatus* FÄHRAEUS, 1872, Öfvers. Vet. Ak. Förh., **29**, 1, 51.

*Plocæderus hamifer* BATES, 1878, Trans. Ent. Soc. Lond., 190.

1 specimen : Mabwe (lac Upemba), 585 m, 1-12.VIII.1947; 1 specimen : 19.XI.1948.

**Plocæderus denticornis** FABRICIUS.

*Plocæderus denticornis* FABRICIUS, 1801, Syst. Eleuth., **2**, 271; DISTANT, 1904, Ins. Transv., 112, pl. 9, fig. 8.

*Plocæderus cribrithorax*, KOLBE, 1897, Deutsch. Ost. Afrika Col., **4**, 297.

*Plocæderus serraticornis* BERTOLINI, 1855, Mem. Acc. Bologna, **6**, 440, pl. 22, fig. 4.

6 specimens : Mabwe (lac Upemba), 585 m, 1-12.VIII.1947; 1 specimen : 19-21.VIII.1947; 1 specimen : 21-23.VIII.1947; 1 specimen : 18-27.VIII.1947; 2 specimens : 21-28.VIII.1947; 2 specimens : 1-8.IX.1947; 1 specimen : 2-7.IX.1947; 2 specimens : 3-9.IX.1947; 1 specimen : Munoi, bif. de la riv. Lupiala, 890 m, 22-24.VI.1948; 3 specimens : Loie, 800 m, 4.IX.1948; 1 specimen : Kilwezi, 750 m, 2-7.VIII.1948.

Tribe **HESPEROPHANINI.****Hesperophanes fasciatus** BILLBERG.

*Hesperophanes fasciatus* BILLBERG, 1817, in SCHÖNHER, Syn. Ins., **1**, 3, App. 191; MURRAY, 1870, Ann. Mag. nat. Hist., **4**, **6**, 175.

5 specimens : Kaswabilenga, 700 m, 18-23.IX.1947; 2 specimens : 1-9.X.1947; 1 specimen : 6-9.X.1947; 1 specimen : 16.X.1947; 10 specimens : 22-26.X.1947; 3 specimens : 3-8.XI.1947; 1 specimen : 4.XI.1947; 4 specimens : 6-7.XI.1947; 1 specimen : Kankunda, 1.300 m, 13-19.XI.1947; 1 specimen : [riv. Dipidi, 1.700 m, 29.III.1949]; 1 specimen : Kamitungulu, 1.700 m, 16.V.1947.

**Cerasphorus hirticornis** SERVILLE.

*Cerasphorus hirticornis* SERVILLE, 1834, Ann. Soc. ent. Fr., **3**, 11; KLUG, 1835, ERMAN's Reise, Atl., **5**, 44.

*Cerasphorus gabonicus* THOMSON, 1858, Arch. Ent., **2**, 160; 1860, Classif. Ceramb., 235.

*Cerasphorus murinus* CHEVOLAT, 1856, Rev. Zool., **2**, **8**, 568; 1858, Cent. Long., 61; MURRAY, 1870, Ann. Mag. nat. Hist., **4**, **6**, 171.

1 specimen : Masombwe, riv. Kanakakazi, 1.120 m, 4-16.X.1948.

Tribe **OBRIINI**.**Ossibia wittei** sp. nov.

♂. Elongate, slender, parallel-sided; entirely castaneous except elytra which have a faint metallic blue-green reflection.

Head rounded and shallowly excavate between antennal tubercles; sparsely covered with short, curved decumbent, pale yellow setæ except along posterior margins of eyes where they are longer and erect: occiput rather densely and strongly punctate; vertex and frons densely and more coarsely and deeply punctate; frons rather broadly excavate between antennal tubercles and clypeus. Eyes large, coarsely faceted and deeply emarginate; dorsal lobes separated by slightly more than length of second antennal segment. Maxillary palpi with segment 3 rather stout, slightly compressed laterally and with a well defined longitudinal oval impression on outer face. Antennæ long, slender, about one and one-half times length of elytra; segment 1 very slightly curved, elongate, feebly clavate, rounded apically and rather densely punctate (the punctures about same size as on head); sparsely covered with short, decumbent, pale setæ and bearing also several long, fine, outstanding setæ; segment 2 short, subquadrate, similarly punctured; segment 3 slightly shorter than segment 1 and less coarsely punctate; segments 4-11 slightly compressed, very finely and densely rugose and densely fringed laterally with short, pale, erect setæ.

Prothorax slightly elongate, depressed dorsally and with sides slightly but distinctly rounded for posterior two-thirds; lateral tubercles indiscernible; disc with a broad, median, longitudinal, smooth, shining area, coarsely and rather sparsely punctate and sides more densely punctate and bearing numerous long, fine, pale, outstanding setæ (decumbent setæ absent).

Elytra nearly four times as long as combined basal width, shining, rather sparsely, finely and irregularly punctate; covered with rather long, suberect, pale setæ which become longer and denser laterally (dense, velvety, decumbent pubescence absent).

Abdomen with sternites 1-5 bearing long, fine, dense setæ. Legs with femora distinctly clavate, sparsely punctured and bearing fine, sparse, outstanding setæ; hind-tarsi with segment 1 distinctly longer than segment 2.

Length 12 mm; breadth 2,1 mm.

♀. Antennæ not extending as far as apices of elytra. Abdominal sternite 3 with posterior margin fringed with very dense golden brown pubescence; remaining sternites partly retracted into segment 3.

Holotype ♂. Belgian Congo : Parc National de l'Upemba : Mabwe, 585 m, 3-12.I.1949.

Paratypes. 1 ♂ : Kaswabilenga, 700 m, 17.X.1947; 1 ♂, 1 ♀ : 22-26.X.1947, 1 ♂ : 3-4.XI.1947; 3 ♀ ♀ : 3-7.XI.1947; 1 ♂ : 6-7.VIII.1947; 2 ♀ ♀ : 3-8.VIII.1947; 1 ♀ : riv. Lupiala, 700 m, 6-9.X.1947; 4 ♀ ♀ : riv. Lupiala, 850 m, 24.X.1947.

This species resembles *O. fuscata* CHEVROLAT (= *senegalensis* THOMSON) from which it differs as follows : Segment 3 of antennæ rather sparsely but distinctly and coarsely punctured. Elytra more strongly shining with setæ less dense, longer and suberect. Pronotum with sides distinctly rounded, lateral tubercles scarcely discernible; disc depressed, with a broad, median, shining, glabrous area, the punctures on either side of which being larger, distinctly separated, with interspaces smooth and shining, sparsely setose, all the setæ being long, fine and suberect. From *O. cyanoptera* AURIVILLIUS it may be distinguished by the shape and colour of the pronotum and by the antennal setæ.

I have pleasure in naming this species after M. G. F. DE WITTE.

#### **Allophyton biloculare** THOMSON.

*Allophyton biloculare* THOMSON, 1878, Rev. Mag. Zool., 3, 6, 28.

*Allophyton ocellatum* QUEDENFELDT, 1883, Berl. Ent. Zeitschr., 27, 131, pl. 1, fig. 1.

1 specimen : Buye-Bala, 1.750 m, 24-31.III.1948.

#### Tribe **DORCASOMINI.**

##### **Plectogaster (Neoclosterus) lemairei** LAMEERE.

*Plectogaster (Neoclosterus) lemairei* LAMEERE, 1903, Faune Ent. Afr. Trop. (Longic.), 1, 50.

1 ♀ : Kaswabilenga, 700 m, 24.IX.1947.

##### **Plectogaster (Neoclosterus) basilewskyi** sp. nov.

(Fig. 1.)

♀. Elongate, moderately robust; entirely testaceous except the tarsi which are castaneous and antennal segments 4-11 and apex of segment 3 which are black.

Head rather deeply excavate between antennal tubercles which are for the greater part finely and densely punctured; occiput and vertex rather coarsely and densely rugoso-punctate and sparsely covered with long, fine, pale, erect, setæ; frons abruptly declivous, finely and densely punctate, with short, decumbent setæ. Eyes with ends of upper lobes not enlarged; widely separated and scarcely extending inward beyond antennal tubercles. Mandibles with basal half testaceous, coarsely punctured and setose; apical



half smooth, pitchy; outer margin bearing a dense group of thick, bristle-like, ferruginous setæ near middle. Antennæ robust, extending almost to middle of elytra; segment 1 clavate, compressed dorso-ventrally, reaching to front margin of pronotum; rather finely and densely punctured and sparsely setose; segments 3-10 glabrous, strongly pectinate; segment 11<sup>1</sup> elongate, with apical fourth abruptly narrowed and with an oblique impression suggesting a twelfth segment.

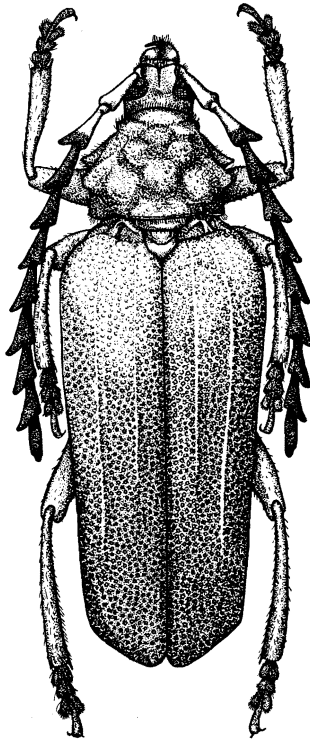


FIG. 1. — *Plectogaster (Neoclosterus) basilewskyi* sp. nov.

Pronotum trapezoidal, quadrate, constricted just before anterior and posterior margins and bearing a pair of rather short, straight, acutely pointed tubercles at middle of lateral margins; disc rather coarsely and rugosely punctured and sparsely covered with short pale setæ; posterior half produced dorso-laterally into a pair of obtusely pointed, blunt tubercles which are slightly shorter but broader than the lateral tubercles. Scutellum slightly longer than basal width; finely and rather indistinctly punctured and sparsely fringed with pale setæ. Prosternum feebly rugose and rather densely covered with fine pale setæ; prosternal process finely and sparsely punctured, slender, and protruding well beyond anterior coxæ where it is

abruptly curved; mesosternum extremely narrow, tapering posteriorly and bearing pale pubescence; metasternum very finely and densely punctate and pubescent.

Elytra slightly more than twice as long as combined basal width, faintly shining and rather coarsely but shallowly and sparsely punctured; glabrous, with costæ feebly defined; apical margin somewhat obliquely truncate.

Abdomen with sternites 1-3 (i.e. segment 1) at least as long as remainder combined, reticulate, rather densely setose and punctate; sternite 4 (i.e. segment 2) deeply excavate medially and densely covered with long reddish, spatulate setæ.

Legs with femora clavate, strongly compressed; segment 1 of hind-tarsus scarcely longer than segment 2.

Length 28 mm; breadth 9 mm.

The spatulate setæ on the female abdomen are most probably used as brushes for accumulating detritus with which to camouflage the eggs [see DUFFY, 1953, A Monograph of the immature stages of British and imported Timber Beetles (*Cerambycidae*). British Museum (Nat. Hist.), London].

Holotype ♀. Belgian Congo : Parc National de l'Upemba : Kaswabilenga, 700 m, 23-24.X.1947.

This species would appear to be closely related to *P. (N.) hulstaerti* BURGEON from which it may be distinguished by the structure and length of the antennæ, the sculpturation of the head and pronotum and the longer elytra. Moreover, the bituberculate sides of the pronotum will serve to distinguish it from all other described species.

I have pleasure in naming this species after M. P. BASILEWSKY of the « Musée royal du Congo Belge (Tervueren) ».

#### **Plectogaster (Plectogaster) pectinicornis** BATES.

*Plectogaster (Plectogaster) pectinicornis* BATES, 1881, Trans. ent. Soc. Lond., p. 430, ♀; WATERHOUSE, 1881, Aid identif. Ins., 1, pl. 60; KOLBE, 1897, Deutsch. O. Afrika (Col.), 4, 299; LAMEERE, 1903, Faune Ent. Afr. Trop. (Longic.), 1, 52.

*Plectogaster mirabilis* KRAATZ, 1896, Deutsch. Ent. Zeitschr., p. 155, fig.

*Plectogaster thoracica* WATERHOUSE, 1881, Trans. ent. Soc. Lond., p. 430.

1 ♀ : Kankunda, 1.300 m, 13-18.XI.1947; 1 ♀ : 19-24.XI.1947; 1 ♀ : 20-28.XI.1947; 1 ♀ : Kaswabilenga, 700 m, 7-21.II.1949.

Tribe **MOLORCHINI.****Merionæda africana** DISTANT.

*Merionæda africana* DISTANT, 1899, Ann. Mag. nat. Hist., 7, 3, 461; 1904, Ins. Transv., 117, pl. 10, fig. 10.

1 specimen : Mabwe, 585, 17-20.XI.1948; 2 specimens : 22.XI.1948.

Tribe **CALLICHROMINI.****Tarsotropidus myrtaceus** (JORDAN).

*Oxyprosopus myrtaceus* JORDAN, 1894, Nov. Zool., 1, 176.

*Tarsotropidus myrtaceus* SCHMIDT, 1922, Arch. Natg., 88 (A6), 79.

1 specimen : Kankunda, 1.300 m, 10.XI.1947; 3 specimens : 19-24.XI.1947; 5 specimens : 20.XI.1947; 4 specimens : 20-28.XI.1947; 1 specimen : 22-24.XI.1947; 4 specimens : 24-28.XI.1947; 1 specimen : Kateke, 950 m, 23.XI-5.XII.1947, 1 specimen.

**Anubis vittatus** SCHMIDT.

*Anubis vittatus* SCHMIDT, 1922, Arch. Naturg., 88 (A6), 143.

1 specimen : Kankunda, 1.300 m, 13-19.XI.1947; 15 specimens : 19-24.XI.1947; 1 specimen : 20.XI.1947; 8 specimens : 24-28.XI.1947; 1 specimen : riv. Kateke, 950 m, 23.XI-5.XII.1947.

**Chromalizus leucorrhaphis** (GERSTAECKER).

*Callichroma leucorrhaphis* GERSTAECKER, 1855, Monatsb. Berlin Akad., 265; 1862, PETERS' Reise Mossamb. Ins., 320, pl. 19, fig. 4.

*Callichroma conforme* HAROLD, 1879, Col. Hefte, 16, 170.

*Callichroma leucorhaphis* AURIVILLIUS, 1912, Col. Cat., 39, 309, 310.

*Callichroma angolense* HINTZ, 1919, Erg. II, Cent. Afr. Exp., 1, 13, 606.

1 specimen : Mukana, 1.810 m, 4.III.1948; 10 specimens : Kateke, 950 m, 23.XI-5.XII.1947; 1 specimen : Kaswabilenga, 700 m, 18-23.IX.1947; 1 specimen : Kankunda, 1.300 m, 13-19.XI.1947; 7 specimens : 19-24.XI.1947; 1 specimen : 22-24.XI.1947; 19 specimens : 24-28.XI.1947; 12 specimens : 20.XI.1947; 1 specimen : 20-28.XI.1947; 1 specimen : Lusinga, 1.760 m, 15.IV.1947; 1 specimen : 12-15.IV.1947; 1 specimen : Mabwe (lac Upemba), 585 m, 1-12.VIII.1947; 1 specimen : Ganza, 860 m, Kamandula, VI.1949; 1 specimen : gorges de la Pelenge, 1.150 m, 10-14.VI.1947; 3 specimens : Munoi, bif. de la riv. Lupiala, 890 m, 31.V-2.VI.1948.

**Chromalizus procerus** SCHMIDT var. **mounieri** LEPESME.

*Chromalizus procerus* SCHMIDT, var. *mounieri* LEPESME, 1950, Longicornia, **1**, 20.

1 ♂, 1 ♀ : Kankunda, 1.300 m, 19-24.XI.1947.

**Oligosmerus limbalis** HAROLD.

*Oligosmerus limbalis* HAROLD, 1880, Monatsb. Akad. Wiss. Berlin, 266; FAIRMAIRE, 1887, Ann. Soc. Ent. Fr., **6**, **7**, 328.

7 specimens : Kanonga, 700 m, 16-23.II.1949; 1 specimen : [Kenia, 1585 m, 19.XII.1947]; 2 specimens : Lusinga (riv. Kamitungulu), 13.VI.1945; 1 specimen : 28.XI-6.XII.1947; 1 specimen : 1-8.XII.1947; 1 specimen : 12-17.XII.1947.

**Rhopalomeces gracilis** FÄHRAEUS.

*Rhopalomeces gracilis* FÄHRAEUS, 1872, Öfvers. Vet. Akad. Förh., **29**, **1**, 63.

2 specimens : Kaswabilenga, 700 m, 3-4.XI.1947.

**Euporus pygmæus** SCHMIDT ?

*Euporus pygmæus* SCHMIDT, Arch. Naturg., **88** (A6), 151.

1 specimen : Lusinga, 1.760 m, 1-8.XII.1947.

**PARADICTATOR** gen. nov.

This genus is closely related to the genera *Phyllocnema* and *Dictator* and superficially resembles the latter. From *Phyllocnema* it may be distinguished by the non-petiolate hind-tibiæ and (in the male) the presence of poriferous prosternal pads. From *Dictator* it differs in having straight rather slender mandibles, the front margin of frons straight and non-tuberculate and distinct lateral thoracic tubercles.

♂ Form. Elongate, parallel-sided.

Head moderately large, with genæ parallel-sided; vertex pubescent; frons smooth, flat, with front margin straight and scarcely declivous. Antennal tubercles conical, slightly raised, with a deep, narrow impression between them. Eyes large, finely faceted. Mandibles moderately robust, straight, slightly prolonged and bidentate apically. Antennæ rather slender, extending to just beyond middle of elytra, 11-segmented. Segment 1 elongate with outer face feebly depressed subapically and acutely produced apically; segments 4-10 margined laterally on outer face and slightly serrate apically; segment 11 feebly sinuate subapically.

**Prothorax** transverse, much wider than head; front margin produced medially, subangulate; lateral margins slightly constricted subapically and subbasally; lateral tubercles strong, acutely pointed; disc with a well defined median, longitudinal carina and bearing a pair of distinct sublateral tubercles on basal third; prosternal poriferous pads large, swollen and protuberant laterally. Scutellum elongate, triangular.

**Elytra** elongate, parallel-sided, slightly depressed, scarcely wider than prothorax, rounded apically; disc bicostate.

**Abdomen** with intercoxal process of segment 1 acutely produced.

**Legs** rather robust, front and mid-femora feebly clavate, hind-femora subcylindrical and extending to apical fourth of elytra; tibiæ slightly compressed laterally; posterior tarsi with segment 1 elongate, longer than segments 2 and 3 together.

♀. Externally similar to ♂ but without poriferous areas on prosternum.

Type species : *Paradictator agastus* sp. nov.

#### ***Paradictator agastus* sp. nov.**

(Fig. 2.)

♂. Elongate, rather robust and parallel-sided; vertex of head and pronotum black; elytra bluish or greenish black with a slight metallic reflection; front of head, legs and antennæ reddish testaceous.

**Head** with genæ parallel-sided; vertex densely punctate, covered with dense, velvety, black pubescence; antennal tubercles reddish brown, more sparsely covered with similar pubescence and separated by a deep, median, longitudinal impression; frons and genæ reddish brown, sparsely but coarsely punctured, glabrous; mandibles with outer faces rugosely punctured and bearing short, sparse, golden setæ. Antennæ rather slender, extending to just beyond middle of elytra. Segment 1 elongate; outer face with a feeble subapical fovea and slightly acutely produced apically; outer face sparsely and coarsely punctured, inner face less coarsely and densely punctured; segment 3 nearly twice length of segment 1; segments 4-10 margined laterally on outer face, slightly serrate apically and rather densely covered with fine, short, decumbent, golden pubescence; segment 11 feebly sinuate subapically and similarly pubescent.

**Prothorax** transverse, much wider than head; front margin subangulate medially; disc densely punctured and densely covered with short, black, velvety pubescence. Lateral tubercles acutely pointed, abruptly reddish brown. Prosternum black with poriferous pads faintly purple, strongly protuberant and visible from above. Mesosternum mainly reddish brown with fine golden pubescence. Metasternum black on anterior half, brown on posterior half and similarly pubescent. Scutellum tapering apically and with a shallow, median, longitudinal depression on apical half.

Elytra slightly depressed, scarcely wider than prothorax, very densely punctate and covered with short, velvety black pubescence; disc feebly bicostate.

Abdomen with sternites bluish black on basal half, reddish brown on apical half, rather sparsely and coarsely punctate (the interspaces extremely finely punctured) and bearing long fine, suberect, brown setæ.

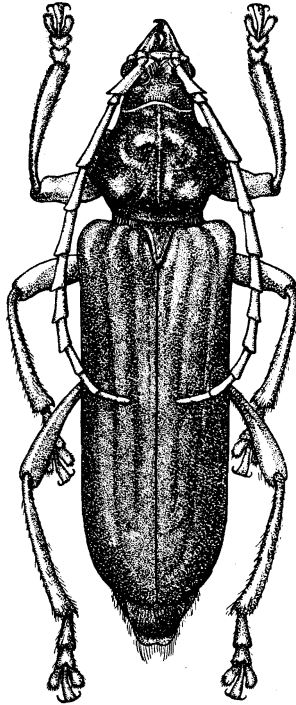


FIG. 2. — *Paradictator agastus* sp. nov.

Legs with front- and mid-femora feebly clavate, hind-femora sub-cylindrical extending to apical fourth of elytra; tibiæ slightly compressed laterally; posterior tarsi with segment 1 longer than segments 2 and 3 together.

Length 36 mm; breadth 9 mm.

♀. Externally similar to ♂ but without poriferous areas on prosternum. Prosternum reddish brown, broadly margined with black; abdominal sternites black.

Holotype ♂. Belgian Congo : Parc National de l'Upemba : Kaswabilenga, 700 m, 4.XI.1947.

Paratypes : 1 ♂ : Kaswabilenga, 700 m, 14-25.X.1947; 1 ♀ : Kateke, Lufira, 950 m, 28.XI-5.XII.1947.

**Euporus nasutus** QUEDENFELDT.

*Euporus nasutus* QUEDENFELDT, 1882, Berl. Ent. Zeitschr., **26**, 331.

1 specimen : Lusinga, 1.760 m, 1-8.XII.1947.

**Hypargyra similis** GAHAN.

*Hypargyra similis* GAHAN, 1898, Ann. Mag. nat. Hist., **7**, **2**, 44.

2 specimens : Kankunda, 1.300 m, 13-19.XI.1947; 2 specimens : 14-20.XI.1947; 9 specimens : 19-24.XI.1947; 1 specimen : 20.XI.1947; 1 specimen : 22-28.XI.1947; 2 specimens : 24-28.XI.1947; 8 specimens : riv. Kateke, 950 m, 28.XI-5.XII.1947.

**Phrosyne viridis** SERVILLE.

*Phrosyne viridis* SERVILLE, 1834, Ann. Soc. Ent. Fr., **3**, 21; LACORDAIRE, 1869, Gen. Col., **9**, 29.

1 specimen : Kankunda, 1.300 m, 24-28.XI.1947; 2 specimens : Lusinga, 1.760 m, 1.IV.1947; 1 specimen : 2.IV.1947; 1 specimen : 12-15.IV.1947; 1 specimen : 9-18.IV.1947; 1 specimen : Kamitungulu, 1.700 m, 2.IV.1947; 1 specimen : Kaswabilenga, 700 m, 18-23.IX.1947; 2 specimens : gorges de la Pelenge, 1.150 m, 21-23.V.1947; 3 specimens : 21-31.V.1947.

**Philematium virens** LINNÆUS.

*Philematium virens* LINNÆUS, 1758, Syst. Nat., éd. **10**, 391; 1764, Mus. Lud. Ulr., 73.

1 specimen : gorges de la Pelenge, 1.150 m, 6-10.VI.1947.

**Rhopalizus violaceipennis** QUEDENFELDT.

*Rhopalizus violaceipennis* QUEDENFELDT, 1885, Journ. Scienc. Lisboa, **40**, 242.

1 ♂, 1 ♀ : Kaswabilenga, 700 m, 22-26.X.1947.

**Mecosaspis plutina** BATES.

*Mecosaspis plutina* BATES, 1879, Cist. Ent., **2**, 397.

1 ♀ : Kaziba, 1.140 m, 7-12.II.1948.

**Dolichaspis scutellata** GAHAN.

*Dolichaspis scutellata* GAHAN, 1890, Trans. ent. Soc. Lond., 306.

1 ♀ : Kaswabilenga, 700 m, 15.III.1949.

**Metallichroma cupreum** BURGEON.

*Metallichroma cupreum* BURGEON, 1931, Rev. Zool. Bot. afr., **20**, 121.

1 specimen : Lusinga, 1.760 m, 28.III.1947; 9 specimens : [Kimiala, near Sampwe (Kundelungu), 900 m, 30.III-6.IV.1949]; 1 specimen : [Kabenga, 1.240 m, 8.IV.1949]; 1 specimen : Kamitungulu, 1.700 m, 16.IV.1947.

Tribe **GLYTINI**.**Carinoclytus thomsoni** HAROLD.

*Carinoclytus thomsoni* HAROLD, 1880, Monatsb. Akad. Wiss. Berlin, 266.

1 specimen : Kankunda, 1.300 m, 22-24.XI.1947.

Tribe **PTEROPLATINI**.**Diastellopterus nigricornis** AURIVILLIUS.

*Diastellopterus nigricornis* AURIVILLIUS, 1916, Ark. Zool., **10**, 19, 10.

1 ♂ : Kankunda, 1.300 m, 20.XI.1947; 1 ♀ : 22-24.XI.1947.

Tribe **STENASPINI**.**Purpuricenus lætus** THOMSON.

*Purpuricenus lætus* THOMSON, 1864, Syst. Ceramb., p. 197; OLIVEIRA, 1884, Jorn. Sc. Lisboa, **10**, 109; DISTANT, 1904, Ins. Transv., 126, pl. 11, fig. 25.  
*Purpuricenus lætus* var. *congoanus* AURIVILLIUS, 1910, Ark. Zool., **7**, 3, 300.

1 specimen : Kilwezi, 750 m, 23.VIII-4.IX.1948; 2 specimens : Kaswabilenga, 700 m, 6-9.X.1947; 2 specimens : [Kiamakoto-Kiwakishi, 1.070 m, 4-16.X.1948].

In these specimens the usual yellow of the elytra is replaced by dark orange.