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Análise Cladística de *Omalodes* e revisão de *Omalodes* (*Omalodes*) Dejean, 1833 (Coleoptera, Histeridae, Histerinae)

Tese apresentada à coordenação do Programa de Pós-Graduação em Ciências Biológicas, Área de concentração em Entomologia, da Universidade Federal do Paraná, como requisito parcial para obtenção do título de Doutor em Ciências Biológicas.

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“Monsters come in all shapes and sizes. Some of them are things people are scared of. Some of them are things that look likethings people used to be scared of a long time ago. Sometimes monsters are things people should bescared of, but they aren’t”

Neil Gaiman, “The Ocean by the end of the lane”

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Análise Cladística de *Omalodes* e revisão de *Omalodes* (*Omalodes*)Dejean, 1833 (Coleoptera, Histeridae, Histerinae)

Resumo

Histeridae é composta por aproximadamente 4.200 espécies divididas em 11 subfamílias, das quais Histerinae é a maior, compeendendo cerca de 50% do número de espécies da família. São na sua maioria predadores generalistas com uma grande diversidade morfológica, a qual está intimamente relacionada aos ambientes habitados por esses besouros. Podem ser encontrados associados a material em decomposição (animal ou vegetal), fezes, carcassas, ninhos de inúmeros vertebrados e também associados a insetos sociais como formigas e cupins. Histerinae é formada por 5 tribos, Exosternini Bickhardt, 1914; Hololeptini Hope, 1840; Platysomatini Bickhardt, 1914; Omalodini Kryzhanovskij, 1972 e Histerini Gyllenhal, 1808. Atualmente Omalodini Kryzhanovskij, 1972 é composta por doze gêneros e aproximadamente 100 espécies, dos quais *Omalodes* Dejean, 1833 é o maior dentro de Omalodini, com aproximandamente 63 espécies descritas em três subgêneros: *Omalodes s. str.*, *O.* (*Diplogrammicus*) Lewis, 1907 e*O.* (*Cornillus*) Lewis, 1907. O gênero apresenta uma distribuição quase que exclusivamente Neotropical, exceto por três espécies encontradas no limite sul dos Estados Unidos. Os principais objetivos desse trabalho foram testar a monofilia de *Omalodes* realizando a análise cladística do gênero e revisar *Omalodes* (*Omalodes*). A matriz foi composta por 53 táxons terminais (50 do grupo interno e três do grupo externo) e 102 caracteres de morfologia de adultos. Foram realizadas análises com pesagem igual e implícita; foram obtidas 34 árvores mais parcimoniosas na análise com pesagem igual e em todos os resultados o gênero foi considerado monofilético e hipóteses de relacionamento foram propostas para diversas espécies do gênero. É sugerido que o gênero seja formado por apenas dois subgêneros: *Omalodes* (*Omalodes*), composto por todas as espécies anteriormente alocadas nesse subgenera e também pelas espécies previamente alocadas em *Omalodes* (*Diplogrammicus*) e mantendo *Cornillus* como um subgênero válido de *Omalodes*.Cinco novas espécies foram descritas para o gênero: *Omalodes* (*O.*) *mazuri*, *Omalodes* (*O.*) *rivus*, *Omalodes* (*O.*) *punctulatus*, *Omalodes* (*O.*) *sp. nov.* A e *Omalodes* (*O.*) *sp. nov.* B; três novas sinonímias são propostas: *Omalodes* (*O.*) *foveola* (=*Omalodes* (*O.*) *foveolabrasilianus***syn. nov.**); *Omalodes* (*O.*) *lucidus* (=*Omalodes* (*O.*) *lucidus peruvianus* **syn. nov.**) e *Omalodes* (*O.*) *grossus* (=*Omalodes* (*O.*) *grossus lubricans* **syn. nov.**) e uma chave dicôtomica atualizada é apresentada, incluindo as novas espécies. Lectótipos e paralectótipos foram designados para *Omalodes* (*O.*) *anthracinus* Marseul, 1853; *Omalodes* (*O.*) *areaolatus* Schmidt, 1889; *Omalodes* (*O.*) *bifoveolatus* Marseul, 1853; *Omalodes* (*O.*) *clavulus* Lewis, 1888; *Omalodes* (*O.*) *fassli* Bickhardt, 1911; *Omalodes* (*O.*) *faustus* Erichson, 1834; *Omalodes* (*O.*) *foveola* Erichson, 1834; *Omalodes* (*O.*) *laevicollis* Bickhardt, 1911; *Omalodes* (*O.*) *lucidus* Erichson, 1834; *Omalodes* (*O.*) *novus* Marseul, 1853; *Omalodes* (*O.*) *seriatus* Schmidt, 1889; *Omalodes* (*O.*) *wagneri* Desbordes, 1919.

Palavras-chave: Filogenia, Omalodini,sistemática, taxonomia.

Cladystic analysis of *Omalodes* and revision of *Omalodes* (*Omalodes*) Dejean, 1833 (Coleoptera, Histeridae, Histerinae)

Abstract

Histeridae is composed of approximately 4,200 species distributed in 11 subfamilies, Histerinae is the largest of those comprising about 50% of the species of the family. They are generalistic predators with great morphological diversity, widely distributed in a great variety of enviroments, such as decomposing material (vegetable and animal), excrement, caracasses, nest of various vertebrates and also associated with other social insects such as ants and termites. Histerinae is composed of 5 tribes, Exosternini Bickhardt, 1914; Hololeptini Hope, 1840; Platysomatini Bickhardt, 1914; Omalodini Kryzhanovskij, 1972 and Histerini Gyllenhal, 1808. Currently Omalodini Kryzhanovskij, 1972 is composed of twelve genera and approximately 100 species of which *Omalodes* Dejean, 1833 is the largest genus of the tribe, with approximately 63 species described in three subgenera: *Omalodes s. str.*, *O.* (*Diplogrammicus*) Lewis, 1907 and*O.* (*Cornillus*) Lewis, 1907. The genus presents an almost exclusivelyNeotropical distribution, except for three species with a distribution extending to the southern border of the USA. The main objectives of this work were to test the monophyly of *Omalodes* through the cladistic analysis of the genus, and to revise the species of *Omalodes* (*Omalodes*). The matrix was composed of 53 terminal taxa (50 of the ingroup and three of the outgroup) and 102 characters of adult external morphology. Numerous analyses were conducted utilizing equal weights and implicit weights; 34 most parsimonious trees were obtained and in all analyses the genus was recovered as a monophyletic group.Additionally, phylogenetic hypotheses for several species were proposed. It is suggested that the genus should should havetwo subgenus: *Omalodes* (*Omalodes*), composed of the previously species allocated in this subgenus and also by the species previously allocated in *Omalodes* (*Diplogrammicus*) and maintaining *Cornillus* as a separate subgenus of *Omalodes*. Five new species are described: *Omalodes* (*O.*) *mazuri*, *Omalodes* (*O.*) *rivus*, *Omalodes* (*O.*) *punctulatus*, *Omalodes* (*O.*) *sp. nov.* A and*Omalodes* (*O.*) *sp. nov.* B; three new synonyms are proposed for the genus: *Omalodes* (*O.*) *foveola* (=*Omalodes* (*O.*) *foveolabrasilianus***syn. nov.**); *Omalodes* (*O.*) *lucidus* (=*Omalodes* (*O.*) *lucidus peruvianus* **syn. nov.**) and*Omalodes* (*O.*) *grossus* (=*Omalodes* (*O.*) *grossus lubricans* **syn. nov.**) and a new dichotomous key is proposed for the species of the genus.Lectotypes and paralectotypeswere designatedfor*Omalodes* (*O.*) *anthracinus* Marseul, 1853; *Omalodes* (*O.*) *areaolatus* Schmidt, 1889; *Omalodes* (*O.*) *bifoveolatus* Marseul, 1853; *Omalodes* (*O.*) *clavulus* Lewis, 1888; *Omalodes* (*O.*) *fassli* Bickhardt, 1911; *Omalodes* (*O.*) *faustus* Erichson, 1834; *Omalodes* (*O.*) *foveola* Erichson, 1834; *Omalodes* (*O.*) *laevicollis* Bickhardt, 1911; *Omalodes* (*O.*) *lucidus* Erichson, 1834; *Omalodes* (*O.*) *novus* Marseul, 1853; *Omalodes* (*O.*) *seriatus* Schmidt, 1889; *Omalodes* (*O.*) *wagneri* Desbordes, 1919.

Key words: Omalodini,Phylogeny, systematic, taxonomy.

1. INTRODUÇÃO

Histeridae é composta por aproximadamente 4.200 espécies divididas em 11 subfamílias, das quais Histerinae é a maior, compeendendo cerca de 50% do número de espécies da família (Caterino & Vogler, 2002; Mazur, 2011). Diversos autores já hipotetizaram a monofilia da família, no entanto o relacionamento entre as diversas subfamílias ainda é incerto, o que demonstra uma grande necessidade de mais estudos revisivos e filogenéticos (Ôhara, 1994; Slipinski & Mazur, 1999; Caterino & Vogler, 2002).

Os besouros histerídeos podem ser identificados pelos élitros truncados, expondo os últimos dois tergos abdominais; com usualmente onze estrias dorsais; tibias mais ou menos expandidas, com dentes em diferente número e tamanho, usualmente com cerdas na margem ventral (Ôhara, 1994). São na sua maioria predadores generalistas com uma grande diversidade morfológica, a qual está intimamente relacionada aos ambientes habitados por esses besouros. Eles podem ser encontrados associados a material em decomposição (animal ou vegetal), fezes, carcassas, ninhos de inúmeros vertebrados e também associados a insetos sociais como formigas e cupins (Caterino & Vogler, 2002). Algumas espécies de *Epierus* Erichson, 1834 e *Bacanius* LeConte, 1853 podem ser encontrados consumindo esporos de fungos (Kovarik & Caterino, 2001). Estudos ligados a entomologia forense sugerem que espécies de *Euspilotus* Lewis, 1907 e *Operclipygus* Marseul, 1870 podem auxiliar na resolução de casos legais (Carvalho *et al*., 2000; Mise *et al*., 2010; Corrêa *et al*., 2012).

Histerinae é formada por 5 tribos, Exosternini Bickhardt, 1914; Hololeptini Hope, 1840; Platysomatini Bickhardt, 1914; Omalodini Kryzhanovskij, 1972 e Histerini Gyllenhal, 1808. Segundo Kovarik & Caterino (2001) a subfamília pode ser identificada pela cavidade antenal indicada lateralmente (quando presente); escapo antenal usualmente cilíndrico ou fracamente expandido apicalmente; labro sem cerdas e não fusionado a cabeça e protibias com esporões apicais. No entanto a monofilia da subfamília ainda é incerta, o agrupamento poderia ser parafilético, Caterino & Vogler (2002) levantam a hipótese que um relacionamento próximo entre Histerini e Hetaeriinae deveria ser considerada e também sugerem que Tribalinae seria o grupo irmão de Histerinae.

Slipinski & Mazur (1999) não puderam estabeler uma hipótese de relacionamento precisa entre as cinco tribos de Histerinae, mas sugerem que Histerini seria proximamente relacionada a Hololeptini, enquanto que Platysomatini seria proximamente relacionada com parte dos Exosternini. Caterino & Vogler (2002) sugerem uma hipótese diferente, entre Omalodini, Hololeptini e Exosternini, reforçando que essa hipótese é suportada por diversos

estudos morfológicos. Os caracteres que suportariam o clado (Omalodini + Hololeptini + Exosternini) são: cavidade tarsal da protibia com forma de "S" e as suturas da clava antenal em forma de "V", no entanto as suturas da clava antenal são completas em Omalodini e interrompidas em Hololeptini e Exosternini (Marzo & Vienna, 1982; Mazur, 2009; Mazur & Ôhara, 2009).

Atualmente Omalodini Kryzhanovskij, 1972 é composta por doze gêneros e aproximadamente 100 espécies: *Notolister* Lewis, 1894 (8 espécies); *Sphyracus* Marseul, 1853 (5 espécies); *Ebonius* Lewis, 1885 (3 espécies); *Scapomegas* Lacordaire, 1854 (3 espécies); *Lewisister* Bickhardt, 1912 (1 espécie); *Asolenus* Lewis, 1906 (3 espécies); *Blypotehus* Vienna, 2000 (3 espécies); *Perfidolenus* Vienna, 2000 (1 espécie); *Atribalus* Bickhardt, 1921 (8 espécies);*Rhypochares* Marseul, 1854 (3 espécies); *Theropatina* Mazur, 1984 (1 espécie)e*Omalodes* Dejean, 1833 (63 espécies). Estudos recentes demonstraram que Omalodini provavelmente não é um agrupamento monofilético e deveria ter seu status revisado. Leivas (2012) realizou a análise cladística de Omalodini e propôs que para que o agrupamento mantenha um status monofilético, ele deveria ser composto apenas pelos gêneros *Ebonius* Lewis, 1885; *Omalodes* Dejean, 1833 e Omalodini n. gen..

Omalodes Dejean, 1833 é o maior gênero dentro de Omalodini, com aproximandamente 63 espécies descritas em três subgêneros: *Omalodes s. str., O.* (*Diplogrammicus*) Lewis, 1907 e*O.* (*Cornillus*) Lewis, 1907. O gênero apresenta uma distribuição quase que exclusivamente neotropical, exceto por três espécies encontradas no limite sul dos Estados Unidos (Mazur, 1997; 2011).

De acordo com Desbordes (1919) a diferença entre os subgêneros seriam a presença de tubérculos no propigídeo em *Omalodes* (*Cornillus*) e a presença de uma estria marginal mesoventral completa e de estrias carinais no prosterno em *Omalodes* (*Diplogrammicus*). Enquanto que *Omalodes s. str.* é composto por 54 espécies com uma grande variedade morfológica e uma ampla distribuição, com espécies como *Omalodes* (*Omalodes*) *foveola* Erichson, 1834 distribuída por toda a América do Sul (Mazur, 2011; Moura, 2010; Moura & Almeida, 2013).

Pouco é conhecido a respeito dos hábitos das espécies, considerando dados das etiquetas, é possível associar algumas espécies a frutas em decomposição (usualmente utilizadas como isca em armadilhas).Alguns artigos mencionam espécies de *Omalodes* associadas a carcaças e também são listados como possíveis agentes no controle biológico de pragas, como *Cosmopolites sordidus* Germar, 1924 uma praga comum do cultivo de bananeiras (Mesquita, 2003; Mise *et al*., 2010).

Considerando a ausência de informações para o gênero desde sua revisão publicada por Marseul (1853), sua importância em estudos de entomologia forense e no controle de pragas agrícolas, o principal objetivo deste trabalho foi realizar a análise cladística de *Omalodes* e também a completa revisão do subgênero *Omalodes*, o maior dentro da tribo, incluindo imagens e ilustrações detalhadas para os diversos caracteres diagnósticos das espécies e também uma chave dicotômica para auxiliar na sua identificação.

2. OBJETIVOS

2.1 Objetivo geral:

-Ampliar o conhecimento dos Histeridae com a análise cladística de *Omalodes* e a revisão taxonômica de *Omalodes* (*Omalodes*) Dejean, 1833.

2.2 Objetivos específicos:

- Testar a monofilia de *Omalodes*.
- Revisar *Omalodes* (*Omalodes*);
- Descrever as eventuais espécies novas;
- Elaborar chave de identificação para as espécies de *Omalodes* (*Omalodes*).

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CHAPTER I

Cladystic analysis of *Omalodes*Dejean, 1833

(Coleoptera, Histeridae, Histerinae)

1. INTRODUCTION

Histeridae contains approximately 4,200 species and 11 subfamilies. Histerinae is the largest, comprising about 50% of the species of the family (Caterino & Vogler, 2002; Mazur, 2011). Various authors have previously hypothesized the monophyly of the family and proposed relationships between most of its subfamilies (Ôhara, 1994; Slipinski & Mazur, 1999; Caterino & Vogler, 2002).However, most of the tribes and genera of the family still require revisionary work and most of all, phylogenetic studies.

Histerinae has 5 tribes, Exosternini Bickhardt, 1914; Hololeptini Hope, 1840; Platysomatini Bickhardt, 1914; Omalodini Kryzhanovskij, 1972 and Histerini Gyllenhal, 1808. According to Kovarik & Caterino (2001) the subfamily can be identified by the antennal cavity visible laterally (when present); antennal scape usually cylindrical or slightly expanded apically; labrum without setae and not fused to the head and protibiae with apical spurs. However, the monophyly of the subfamily is still being questioned, the group could have a paraphyletic status. Caterino & Vogler (2002) raised the hypothesis that a close relationship between Histerini and Haeteriinae should be considered and also that Tribalinae would be the sister group of Histerinae.

Slipinski & Mazur (1999) could not establish a precise relationship between the five tribes of Histerinae, but suggested that Histerini would be closely related to Hololeptini while Platysomatini shared a close relationship with part of the Exosternini. Caterino & Vogler (2002) proposed a clade containing Omalodini, Hololeptini and Exosternini, supported by morphological and molecular data. The morphological characters that support this clade (Omalodini + Hololeptini + Exosternini) are the tarsal cavity of protibiae “S” shaped and “V” shaped sutures on the antennal club.However,the antennal sutures are complete in Omalodini and interrupted in Hololeptini and Exosternini (Marzo & Vienna, 1982; Mazur, 2009; Mazur & Ôhara, 2009).

Omalodini was proposed by Kryzhanovskij (1972) to unite*Ebonius* Lewis, 1885; *Cornillus* Lewis, 1907; *Diplogrammicus* Lewis, 1907 and *Omalodes* Dejean, 1833; all of which have a Neotropical distribution and were previously assigned to Platysomatini. After its establishment, various genera from other tribes were added to Omalodini by many authors (Mazur, 2011 etc.). Currently Omalodini is composed of twelve genera: *Notolister* Lewis, 1894 (8 species); *Sphyracus* Marseul, 1853 (5 species); *Ebonius* Lewis, 1885 (3 species); *Scapomegas* Lacordaire, 1854 (3 species); *Lewisister* Bickhardt, 1912 (1 species); *Asolenus* Lewis, 1906 (3 species); *Blypotehus* Vienna, 2000 (3 species); *Perfidolenus* Vienna, 2000 (1

species); *Atribalus* Bickhardt, 1921 (8 species); *Rhypochares* Marseul, 1854 (3 species); *Theropatina* Mazur, 1984 (1 species) and *Omalodes* Dejean, 1833 (63 species), the last one with three subgenera:*Omalodes* (*Omalodes*) (54 species), *O.* (*Diplogrammicus*) Lewis, 1907 (3 species) and*O.* (*Cornillus*) Lewis, 1907 (6 species).

Recent studies showed that Omalodini is probably not a monophyletic group and should have its status reviewed. Leivas (2012) conducted a cladistic analysis of Omalodini and proposed that in order to achieve a monophyletic status the tribe should be composed only of*Ebonius* Lewis, 1885; *Omalodes* Dejean, 1833 and Omalodini n. gen.. He also suggests that a phylogenetic analysis and revision of *Omalodes* is needed in order to clarify the limits of this genus and the relationship between its species.

Considering the need for additional phylogenetic and revision studies for Histeridae, a detailed analysis of *Omalodes*, aiming to solve the questions pertaining the genus was conducted, including a dichotomous key for their identification and a cladistics analysis in order to test its monophyly.

2. MATERIAL AND METHODS

2.1 Morphological studies

The studies were conducted in the "Laboratório de Sistemática e Bioecologia de Coleoptera (Insecta)", Departamento de Zoologia, Setor de Ciências Biológicas, Universidade Federal do Paraná, Curitiba, Paraná, Brazil.

The basic methodology for Coleoptera was used in all dissections; studied male terminalia was preserved in micro vials with glycerin and pinned with the original specimens. In cases where no specimen from a given species was studied, morphological data was obtained through original descriptions and identification keys.

All morphological characters were scored utilizing a ZEISS Stereo Discovery V20stereomicroscope.Images for specific specimens or characters also utilized a Leica MZ16 stereomicroscope with Leica DFC 500 camera from the Taxonline - Rede Paranaense de Coleções Biológicas project.

The morphological terminology utilized followed that of Desbordes (1919), Wenzel and Dybas (1941), Wenzel (1944; 1963), Ôhara (1994), Kanaar (1997), Caterino (1998; 1999), Mazur (2001), Caterino & Vogler (2002), Kovarik & Caterino (2001), Kovarik & Tishechkin (2004), Tishechkin (2005), Lackner (2010) and Caterino & Tishechkin (2013).

2.2 Examined material

A total of approximately 5,500 specimens from 55 species, including type material, were studied from the following collections:

BMNH - Natural History Museum, London, England.

CNC - Canadian National Collection of Insects, Arachnids and Nematodes, Ottawa, Canada.

DZUP - Coleção Entomológica Pe. J. S. Moure, UFPR, Curitiba, Paraná, Brazil.

FMNH - Field Museum of Natural History, Chicago, EUA.

GASC - Coleção Particular Gerardo Arriagada, Santiago, Chile.

INPA - Instituto Nacional de Pesquisas da Amazônia, Manaus, Amazonas, Brazil.

LSAM - Louisiana State Arthropod Museum, Baton Rouge, EUA.

MCNZ - Museu de Ciências Naturais da Fundação Zoobotânica do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Brazil.

MGAP - Museu Anchieta, Porto Alegre, Rio Grande do Sul, Brazil.

MNHN - Muséum National d'Histoire Naturelle, Paris, France.

MNRJ - Museu Nacional do Rio de Janeiro, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Rio de Janeiro, Brazil.

MPEG - Museu Paraense Emilio Goeldi, Belém, Pará, Brazil.

MZSP - Museu de Zoologia da Universidade de São Paulo, São Paulo, Brazil.

PCAT – Particular Collection Alexey K. Tishechkin, Baton Rouge, EUA. Dr. Alexey K. Tishechkin.

PCND - Collection Particulière N. Degallier, Paris, France.

PCSM - Particular Collection Slawomir Mazur, Warszawa, Poland.

PCKC -Particular Collection Peter Kovarik, Ohio, EUA.

SBMN - Santa Barbara Museum of Natural History, Santa Barbara, EUA.

SMEK- Snow Entomological Collection, University of Kansas Natural History Museum, Lawrence, Kansas, EUA.

ZMHB - Museum für Naturkunde der Humboldt - Universität, Berlin, Germany.

ZMUC - Natural History Museum of Denmark - University of Copenhagen, Denmark.

Additionally 1,500 specimens were provided by “Inventaire Entomologique du Bélvédère de Saül”, French Guiana, Société Entomologique Antilles-Guyane (SEAG), that is currently conducting a large colleting effort in French Guyana.

Specimens from *Omalodes* (*Omalodes*) *haitianus* Marseul, 1853; *Omalodes* (*O.*) *laceratus* Marseul, 1853; *Omalodes* (*O.*) *laevigatus* (Quensel, 1806); *Omalodes* (*O.*) *laevinotus* Marseul, 1853; *Omalodes* (*O.*) *marquisicus* Marseul, 1853;*Omalodes* (*O.*)*praevius* Marseul, Marseul, 1861;*Omalodes* (*O.*) *ruficlavis* Marseul, 1853; *Omalodes* (*O.*) *souloquii* Marseul, 1861 and *Omalodes* (*O.*) *vapulo* Marseul, 1861 could not be studied and the type specimens not found, however all other species from the genus where studied, either through their type material or by additional specimens.

2.3 Taxa

The ingroup is composed of all species of *Omalodes* (*Omalodes*), except for those already mentioned that could not be studied. Five new species were added to the analysis and are subsequently described in the revision of the genus (Table I).

The outgroup is composed of *Ebonius politus*Lewis, 1885, *Scapomegas auritus*Marseul, 1855 and *Hister cavifrons*Marseul, 1854. The 1st two genera where chosen because, according to Mazur (2011), they share the same tribe as *Omalodes* (Omalodini). Both genera are composed of three species, and the type species for each genus was chosen for the analysis. The choice of *Hister cavifrons*, even though it is assigned to another tribe (Histerini) is due to the fact that recent analysis from other researchers shown that this genus could have a closer relationship with *Omalodes* (Leivas, 2012). Additional species of *Sphyracus*, *Hister* and *Platysoma* were also included in early analyses, in order to test previous hypotheses of relationship (Wenzel, 1963; Mazur, 1989).

TABLE I. Species included for the cladistics analysis, including type material and Museum where the material is deposited.

Specimens	Type material	Museum
Hister cavifrons Marseul, 1854		Muséum National d'Histoire Naturelle (MNHN)
Scapomegas auritus Marseul, 1855*		Muséum National d'Histoire Naturelle (MNHN)
Ebonius politus Lewis, 1885*		Natural History Museum (BMNH)
Omalodes (*O.*) *amazonius* Marseul, 1861	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *angulatus* (Fabricius, 1801)		Museum für Naturkunde der Humboldt Universität (ZMHB)

Omalodes (*O.*) *anthracinus* Marseul, 1853	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *areolatus* Schmidt, 1889	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *bifoveolatus* Marseul, 1853	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *bisulcatus* Desbordes, 1919	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *brevisternus* Schmidt, 1893	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *cerqueirae* Desbordes, 1919	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *chapadae* Lewis, 1908	X	Natural History Museum (BMNH)
Omalodes (*O.*) *clavulus* Lewis, 1888	X	Natural History Museum (BMNH)
Omalodes (*O.*) *consanguineus* Marseul, 1853	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *depressisternus* Marseul, 1853	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *extorris* Marseul, 1853	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *exul* Marseul, 1853		Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *fassli* Bickhardt, 1911	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *faustus* Erichson, 1834	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *felix* Lewis, 1900	X	Natural History Museum (BMNH)
Omalodes (*O.*) *fortunatus* Lewis, 1898	X	Natural History Museum (BMNH)
Omalodes (*O.*) *foveola* Erichson, 1834	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *gagatinus* Erichson, 1834	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *grossus* Marseul, 1853		Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *humerosus* Schmidt, 1889	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *laevicollis* Bickhardt, 1911	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *lapsans* Marseul, 1861		National Museum of Natural History (NMNH)
Omalodes (*O.*) *lucidus* Erichon, 1834	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *mazuri* Moura & Almeida, 2013	X	Coleção Entomológica Pe. J. S. Moure (DZUP)
Omalodes (*O.*) *mendax* Marseul, 1861		Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *mestino* Lewis, 1904	X	Natural History Museum (BMNH)
Omalodes (*O.*) *monilifer* Marseul, 1853	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *novus* Marseul, 1853	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *obliquistrius* Lewis, 1908	X	Natural History Museum (BMNH)
Omalodes (*O.*) *omega* (Kirby, 1818)*	X	Natural History Museum (BMNH)
Omalodes (*O.*) *optatus* Lewis, 1911	X	Natural History Museum (BMNH)
Omalodes (*O.*) *perpolitus* Schmidt, 1893	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *planifrons* Marseul, 1853	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *pulvinatus* Erichson, 1834	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *punctistrius* Marseul, 1853	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *punctulatus* Moura & Ameida, 2013	X	Coleção Entomológica Pe. J. S. Moure (DZUP)
Omalodes (*O.*) *rivus* Moura & Almeida, 2013	X	Coleção Entomológica Pe. J. S. Moure (DZUP)

Omalodes (*O.*) *serenus* Erichson, 1834	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *seriatus* Schmidt, 1889	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *simplex* Lewis, 1908	X	Natural History Museum (BMNH)
Omalodes (*O.*) *sinuaticollis* Marseul, 1853	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *sobrinus* Erichson, 1834	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *wagneri* Desbordes, 1919	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) sp. nov. A	X	
Omalodes (*O.*) sp. nov. B	X	
Omalodes (*C.*) *binodulus* (Lewis, 1910)	X	Natural History Museum (BMNH)
Omalodes (*C.*) *bullatus* Lewis, 1905	X	Natural History Museum (BMNH)
Omalodes (*D.*) *marseuli* Schmidt, 1889		Museum für Naturkunde der Humboldt Universität (ZMHB)

* Type species for the genus

2.4 Cladistic analysis

The matrix was edited in the program NEXUS version 0.5.0 (Page, 2001). The non-observed characters were scored as "?" and inaplicable as "-".

All phylogenetic analyses were carried out in the program TNT (Goloboff *et al.*, 2008) and different genera were tested as the root for the resulting trees.The genus *Scapomegas* was finally chosen as the basalmost outgroup after multiple tests and discussions with other histerid researcher (Leivas, 2012).

Different tests for the values of "random seed" and "number of addition sequences" were conducted, due to the variable number of most parsimonious trees (MPT) resulting from them.The values used in all following tests were: "random seed" = 100; "number of addition sequences" = 10000. Additionally, for every test the swapping algorithm utilized was TBR (tree bisection reconnection), 10 trees were saved per replication and equal weights were assigned for every character.

On a 2nd round of tests, a new set of analyses was conducted utilizing implied weighting and the same numbers for "random seed", "number of addition sequences" and trees saved per replication (Goloboff, 1993). Different values for the constant of concavity were tested (k=2 trough k=15) and the resulting trees individually analyzed and compared to the resulting trees with equal weights. Bremer support was calculated to determine the support of the clades (Bremer, 1994). Further discussion about differences and similarities between the trees is given to further reinforce relationship hypothesis.

3. RESULTS AND DISCUSSION

Initial studies yielded over 170 different characters for the analysis, including male genitalia and external morphology. A few characters were removed or modified mostly because they seemed to be uninformative or presented difficulties during the search for homologies between the groups.

Multiple tests where conducted (some of them including male genitalia characters) utilizing both, equal weights and implied weights. Unfortunately the missing male genitalia data for almost half the species of the genus generated a large number of hypothesis with dubious relationships. However, various large clades were present in all analysis and are herein discussed.

The final matrix is composed of 53 terminals and 102 characters, with two from general body (~2%), 14 from the head (~14%), 24 from the prothorax (~24%), 46 from meso-metathorax (~46%), and 16 from abdomen (~16%) (Table II).

3.1 List of characters utilized in the cladistic analysis of *Omalodes*

1. Body shape, dorsal view: (0) oval (Fig. 9A); (1) parallel sided; (2) elongated.

2. Body shape, lateral view: (0) convex (Fig. 9C); (1) parallel sided (Fig. 23C).

3. Head, frontal stria: (0) absent; (1) present (Fig. 7D).

4. Head, frontal stria, when present: (0) weakly indicated (Fig. 13D); (1) strongly indicated (Fig. 12D).

5. Head, frontal stria when present, shape: (0) rounded (Fig. 7D); (1) horizontally elongated (Fig. 16D).

6. Head, frontal stria, presence of a medial projection towards epistoma: (0) absent (Fig. 22D); (1) present (Fig. 25D).

7. Head, frontal stria when present and horizontally elongated: (0) with a obtuse angle close to the inner margin of eyes (Fig. 22D); (1) slightly concave close to the epistoma, almost straight.

8. Head, frontal stria when horizontally elongated with a obtuse angle: (0) without a small angle close to the antennal insertion (Fig. 24D); (1) with a small angle close to the antennal insertion (Fig. 21D).

9. Head, frontal stria when present: (0) complete (Fig. 20D); (1) interrupted (Fig. 25D).

10. Head, frontal stria when complete: (0) without a medial inward curvature (Fig. 7D); (1) with a short medial inward curvature (Fig. 12D); (2) with a long medial inward curvature, reaching the middle of the frons (Fig. 15D); (3) with a long medial inward curvature, almost reaching the supraorbital stria (Fig. 55D).

11. Head, shape of the frons: (0) flat (Fig. 9D); (1) convex; (2) ornamented (Fig. 8D).

12. Head, frons, when ornamented: (0) concave; (1) with a medial longitudinal sulcus (Fig. 8D); (2) with a medial fovea (Fig. 17D); (3) with a medial fovea and a superficial medial longitudinal sulcus (Fig. 11D); (4) with a superficial medial impression (Fig. 13D); (5) with a superficial impression close to the epistoma.

13. Head, frons with a medial longitudinal sulcus, intensity of sulcus: (0) weakly indicated (Fig. 18D); (1) strongly indicated (Fig. 8D); (2) strongly indicated, wider close to epistoma (Fig. 14D).

14. Head, frons, lateral margin close to the antennal insertion: (0) not dilated; (1) dilated (Fig. 7D).

15. Head, punctures on the frons: (0) strong (Fig. 7D); (1) weak (Fig. 9D).

16. Head, antennal scapus: (0) without dorsal projetions (Fig. 9D); (1) with a broad dorsal projection.

17. Pronotum, marginal stria, extension: (0) interrupted medially, between the eyes (Fig. 11D); (1) interrupted medially and on the sides; (2) complete.

18. Pronotum, inner lateral stria: (0) absent (Fig. 7A); (1) present.

19. Pronotum, outer lateral stria, extension: (0) complete (Fig. 7A); (1) incomplete (Fig. 8A).

20. Pronotum, outer lateral stria, when incomplete: (0) slightly shortened posteriorly (Fig. 8A); (1) widely shortened posteriorly.

- When the stria is widely shortened, it is only indicated on the anterior half, while in other cases it is slightly shortened, close to the posterior margin of pronotum.

21. Pronotum, outer lateral stria, curvature on the anterior angles: (0) outer lateral stria following the lateral and anterior margin of pronotum (Fig. 8A); (1) outer lateral stria not following the lateral and anterior margin of pronotum.

- When the outer lateral margin is not following the margins, the stria is usually less angulated on the anterior angles, showing a wider space between the stria and outer margin.

22. Pronotum, lateral punctures: (0) absent (Fig. 13A); (1) present (Fig. 12A).

23. Pronotum, lateral punctures, when present: (0) only present on the anterior third (Fig. 14A); (1) only present on the anterior half (Fig. 12A); (2) only absent on the posterior third (Fig. 34A); (3) present on the entire lateral margin (Fig. 31A).

24. Pronotum, when the lateral punctures are present on the entire lateral margin: (0) sparse (Fig. 22A); (1) coarse (Fig. 23A).

25. Pronotum, when the lateral punctures are coarse and present on the entire lateral margin: (0) strongly indicated (Fig. 27A); (1) weakly indicated (Fig. 26A); (2) strongly indicated on the anterior half, weaker on the posterior margin (Fig. 25A).

26. Pronotum, when the lateral punctures are limited to the anterior half: (0) with strong punctures (Fig. 8A); (1) with weak punctures (Fig. 55A).

27. Pronotum, impressions on the anterior angles: (0) absent (Fig. 29A); (1) present (Fig. 28A).

- The anterior angles have a slightly convex shape, except when a wide impression is present on the anterior angles.

28. Pronotum, impressions on the posterior angles: (0) absent (Fig. 7A); (1) present (Fig. 55A).

29. Pronotum, lateral foveae: (0) absent (Fig. 7A); (1) present (Fig. 11A).

30. Pronotum, when the lateral foveae are present: (0) indicated on the middle of pronotum (Fig. 11A); (1) indicated on the posterior half (Fig. 32A).

31. Pronotum, posterior angles: (0) rounded; (1) angulated (Fig. 11A).

32. Elytra, outer subhumeral stria: (0) absent; (1) present (Fig. 11C).

33. Elytra, when outer subhumeral stria is present, length: (0) indicated only on the posterior third (Fig. 8C); (1) indicated only on the posterior half (Fig. 9C); (2) absent only on the anterior third (Fig. 15C); (3) complete (Fig. 24C); (4) slightly shortened anteriorly (Fig. 41C); (5) indicated only on the middle 3rd; (6) indicated only on the anterior 2nd quarter.

34. Elytra, inner subhumeral stria: (0) absent (Fig. 34C); (1) present (Fig. 33C).

35. Elytra, when inner subhumeral stria is present: (0) composed of aligned punctures (Fig. 22C); (1) continuous on part of its length, composed of punctures on the remainder of its length (Fig. 24C); (2) continuous on all its length (Fig. 23C).

36. Elytra, when inner subhumeral stria is present, length: (0) indicated only on the posterior third (Fig. 18C); (1) indicated only on the posterior half (Fig. 19C); (2) absent only on the anterior third (Fig. 24C).

37. Elytra, apical stria: (0) absent (Fig. 7E); (1) present (Fig. 53E).

38. Elytra, dorsal striae: (0) continuous on at least part of its length (Fig. 14A); (1) composed only by aligned punctures (Fig. 15A).

- State 0 of this character is used when the dorsal striae are either continuous on its entire length or only in part of its length, however it is never only composed of aligned punctures as in state 1.

39. Elytra, 1st dorsal stria: (0) absent (Fig. 21A); (1) present (Fig. 22A).

40. Elytra, 1st dorsal stria when present: (0) weakly indicated (Fig. 13A); (1) strongly indicated (Fig. 12A).

41. Elytra, 1st dorsal stria when present, length: (0) shortened (Fig. 16A); (1) complete (Fig. 15A).

42. Elytra, 1st dorsal stria when shortened: (0) shortened anteriorly (Fig. 12A); (1) shortened posteriorly (Fig. 13A); (2) shortened anteriorly and posteriorly (Fig. 27A).

43. Elytra, 1st dorsal stria, when shortened anteriorly: (0) absent on the anterior tenth (Fig. 12A); (1) absent on the anterior sixth (Fig. 16A); (2) absent on the anterior third (Fig. 17A).

44. Elytra, 1st dorsal stria, when shortened posteriorly: (0) absent on the posterior eighth (Fig. 24A); (1) absent on the posterior half (Fig. 13A).

45. Elytra, 2nd dorsal stria: (0) absent (Fig. 21A); (1) present (Fig. 22A).

46. Elytra, 2nd dorsal stria when present: (0) weakly indicated (Fig. 17A); (1) strongly indicated (Fig. 18A).

47. Elytra, 2nd dorsal stria when present: (0) shortened (Fig. 22A); (1) complete (Fig. 23A).

48. Elytra, 2nd dorsal stria, when shortened: (0) shortened anteriorly (Fig. 31A); (1) shortened posteriorly (Fig. 30A); (2) shortened anteriorly and posteriorly (Fig. 28A).

49. Elytra, 2nd dorsal stria, when shortened anteriorly: (0) absent on the anterior tenth (Fig. 36A); (1) absent on the anterior eighth (Fig. 46A); (2) absent on the anterior sixth (Fig. 45A); (3) absent on the anterior half.

50. Elytra, 2nd dorsal stria, when shortened anteriorly and posteriorly: (0) absent on the anterior sixth and posterior half (Fig. 13A); (1) absent on the anterior 4th and posterior half (Fig. 16A); (2) absent on the anterior and posterior sixth (Fig. 17A); (3) absent on the anterior sixth and posterior third (Fig. 8A).

51. Elytra, 3rd dorsal stria: (0) weakly indicated (Fig. 21A); (1) strongly indicated (Fig. 22A).

52. Elytra, 3rd dorsal stria when present: (0) shortened (Fig. 14A); (1) complete (Fig. 15A).

53. Elytra, 3rd dorsal stria, when complete: (0) continuous on all its length; (1) continuous on the anterior half, indicated by punctures on the posterior half (Fig. 24A); (2) continuous on the 1st 2/3, indicated by punctures on the posterior third (Fig. 22A); (3) indicated by punctures on all its length (Fig. 15A).

54. Elytra, 3rd dorsal stria, when shortened: (0) continuous on the anterior half (Fig. 30A); (1) continuous on the anterior half, indicated by punctures of variable length on the posterior half (Fig. 31A); (2) continuous on the posterior third.

55. Elytra, 4th dorsal stria: (0) absent (Fig. 14A); (1) present (Fig. 15A).

56. Elytra, 4th dorsal stria when present: (0) weakly indicated (Fig. 15A); (1) strongly indicated.

57. Elytra, 4th dorsal stria when present: (0) shortened (Fig. 35A); (1) complete (Fig. 33A).

58. Elytra, 5th dorsal stria: (0) absent (Fig. 34A); (1) present (Fig. 35A).

59. Elytra, 5th dorsal stria when present: (0) weakly indicated (Fig. 35A); (1) strongly indicated.

60. Elytra, sutural stria: (0) absent (Fig. 10A); (1) present (Fig. 11A).

61. Elytra, sutural stria when present: (0) continuous on its entire length (Fig. 32A); (1) composed of aligned punctures (Fig. 33A).

62. Elytra, sutural stria when present, length: (0) present only on the posterior third (Fig. 31A); (1) present on the posterior half (Fig. 32A); (2) only absent on the anterior third (Fig. 50A); (3) complete.

63. Elytra, posterior margin, presence of a few irregularly distributed punctures: (0) absent (Fig. 14A); (1) present (Fig. 15A).

64. Elytra, anterior third of 3rd dorsal stria, presence of a fovea: (0) absent (Fig. 49A); (1) present (Fig. 50A).

65. Elytra, presence of a superficial carina on the position of the 4th and 5th dorsal stria: (0) absent (Fig. 23A); (1) present (Fig. 22A).

- This character represents a small variation present on the elytra of *Omalodes* (*O.*) *faustus*, where a small angular "carina" is present in the same position as the 4th and 5th dorsal striae, usually seen using a lateral view image.

66. Elytra, humeral callus: (0) slightly dilated (Fig. 11A); (1) strongly dilated (Fig. 12A).

- When the humeral callus is strongly dilated, this dilatation is usually visible without the aid of magnification equipment.

67. Elytra, presence of multiple short striae on the posterior margin: (0) absent (Fig. 8A); (1) present.

68. Prosternum, prosternal lobe, shape of anterior margin: (0) rounded (Fig. 21B); (1) truncated (Fig. 22B).

69. Prosternum, when marginal prosternal stria is present: (0) shortened (Fig. 22B); (1) complete (Fig. 23B).

70. Prosternum, lateral punctures of prosternal keel: (0) absent (Fig. 21B); (1) present (Fig. 22B).

71. Prosternum, lateral punctures of prosternal keel, when present: (0) weakly indicated (Fig. 18B); (1) strongly indicated (Fig. 19B).

72. Prosternum, carinal striae on the prosternal keel: (0) absent (Fig. 16B); (1) present (Fig. 17B).

73. Prosternum, carinal striae when present: (0) convergent anteriorly; (1) divergent anteriorly (Fig. 7B); (2) "U" shaped posteriorly.

74. Prosternum, length of carinal striae: (0) shortened (Fig. 12B); (1) complete (Fig. 11B).

75. Prosternum, shape of the posterior margin of prosternal process: (0) rounded (Fig. 9B); (1) concave.

76. Prosternum, impression on the prosternal process: (0) absent (Fig. 17B); (1) present (Fig. 18B).

77. Mesoventrite, presence of lateral punctures: (0) absent (Fig. 17B); (1) present (Fig. 18B).

78. Mesoventrite, lateral punctures when present: (0) weakly indicated (Fig. 18B); (1) strongly indicated (Fig. 11B).

79. Mesoventrite, presence of marginal stria: (0) absent (Fig. 14B); (1) present (Fig. 15B).

80. Mesoventrite, when the marginal stria is present: (0) incomplete (Fig. 23B); (1) complete (Fig. 24B).

81. Mesoventrite, when marginal stria is incomplete: (0) slightly interrupted medially (Fig. 36B); (1) starting slightly before the angles (Fig. 37B); (2) only indicated on the angles (Fig. 38B).

82. Mesoventrite, presence of mesometaventral stria: (0) absent (Fig. 34B); (1) present (Fig. 35B).

83. Mesoventrite, mesometaventral stria when present: (0) straight (Fig. 28B); (1) curved (Fig. 29B).

84. Mesoventrite, mesometaventral stria, when curved: (0) curved towards the prosternum (Fig. 16B); (1) curved towards the metaventrite (Fig. 15B).

85. Mesoventrite, mesometaventral stria, when curved towards the prosternum: (0) weakly curved (Fig. 11B); (1) strongly curved (Fig. 13B).

86. Mesoventrite, when mesometaventral stria is absent, shape of mesometaventral suture: (0) straight (Fig. 12B); (1) slightly curved towards the prosternum (Fig. 14B).

87. Abdomen, 1st abdominal ventrite, presence of strong punctures: (0) absent (Fig. 14B); (1) present (Fig. 15B).

88. Abdomen, 1st abdominal ventrite, length of lateral stria: (0) only present on the sides (Fig. 7B); (1) present along the anterior margin and sides.

89. Abdomen, 1st abdominal ventrite, presence of glandular orifices behind metacoxae: (0) absent (Fig. 54B); (1) present (Fig. 53B).

90. Propygidium, presence of ornamentation on the posterior half: (0) absent (Fig. 44E); (1) present (Fig. 45E).

91. Propygidium, when ornamentations are present: (0) wide superficial impressions (Fig. 45E); (1) strong foveae (Fig. 43E).

92. Propygidium, presence of tubercules on the posterior half: (0) absent (Fig. 54E); (1) present (Fig. 55E).

93. Propygidium, horizontal projection on the posterior half: (0) absent (Fig. 8E); (1) present.

94. Propygidium, presence of punctures: (0) absent (Fig. 40E); (1) present (Fig. 41E).

95. Propygidium, intensity of the punctures: (0) with weak punctures (Fig. 33E); (1) with strong punctures (Fig. 32E).

96. Propygidium, amount of the surface covered by punctures: (0) completely covering the surface of the structure (Fig. 33E); (1) not completely covering the surface (Fig. 32E).

97. Propygidium, when not completely covered with punctures: (0) with an area on the anterior half with sparse punctures (Fig. 32E); (1) with punctures limited to the sides (Fig. 34E); (2) with a small horizontal smooth area on the anterior margin (Fig. 17E); (3) with a small horizontal smooth area on the anterior and posterior margin (Fig. 47E); (4) punctures limited to the anterior and lateral margins (Fig. 28E).

98. Propygidium, when an area on the anterior half with sparse punctures is present: (0) with a semicircular area on the anterior margin (Fig. 24E); (1) with an area of sparse punctures medially on the anterior half (Fig. 25E); (2) with an area of sparse punctures medially (Fig. 22E).

99. Pygidium, presence of punctures: (0) absent (Fig. 34E); (1) present (Fig. 35E).

100. Pygidium, when the punctures are present: (0) weak punctures (Fig. 33E); (1) strong punctures (Fig. 32E).

101. Pygidium, when the punctures are present: (0) sparse (Fig. 32E); (1) coarse (Fig. 33E).

102. Pygidium, coverage of the punctures when present: (0) completely covering the structure (Fig. 37E); (1) with a small smooth area anteriorly (Fig. 39E); (2) with a small smooth area posteriorly (Fig. 26E); (3) limited to a circular area on each side (Fig. 27E); (4) limited to the anterior margin.

TABLE II: Character matrix utilized in the cladistic analysis of *Omalodes* (Dejean, 1833) (Coleoptera, Histeridae). Non-observed data (?), non-aplicable data (-).

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 |
|---|---|---

3.2 Analysis results

The heuristic search with equal weights yielded 34 equally parcimonious trees with a length of 391 steps (CI=0.30, RI=0.58). A strict consensus tree of all 34 resulting trees is also presented (434 steps, CI=0.27, RI=0.51) (Fig: 01), along with two majority consensus trees (cutoff= 75 and cutoff= 50) the 1st one with 410 steps (CI=0.29, RI=0.56) and the 2nd with 395 steps (CI=0.30, RI=0.57) (Fig: 02, 03).

The heuristic search with implied weights yielded a varying number of trees depending on the constant of concavity used (Table III), however in most tests there was only one resulting tree.

In all resulting trees *Omalodes*represents a monophyletic group.However the support for the subgenera is somewhat variable. In the equal weight analysis, neither *Omalodes*(*Cornillus*)nor *Omalodes* (*Diplogrammicus*)appears as a independent clade, while in the implied weight analysis, *Omalodes*(*Cornillus*) was resolved as a separate clade, suggesting that the current status of this subgenus is justified.However,in this analysis *Omalodes* (*Diplogrammicus*) was grouped with species of *Omalodes s.str*.

TABLE III. Summary of all values for each heuristic search, with equal weights and implied weights. TS=traditional search; SC=strict consensus; MC-75=majority consensus (cutoff=75); MC-50=majority consensus (cutoff=50); NT=number of trees; L=length of trees; CI=consistency index; RI=retention index.

	Equal Weights				**Implied Weights**												
	TS	SC	MC-75	MC-50	k=3	k=4	k=5	k=6	k=7	k=8	k=9	k=10	k=11	k=12	k=13	k=14	k=15
NT	34	1	1	1	3	1	1	1	1	1	1	1	6	6	1	1	1
L	391	434	410	395	415	403	403	403	403	402	402	399	396	396	394	394	394
CI	30	27	29	30	29	29	29	29	29	29	29	29	30	30	30	30	30
RI	58	51	56	57	55	55	55	55	55	56	56	56	57	57	57	57	57

3.3 Discussion

Equal weights – Strict consensus

The strict consensus tree (equal weights) (Fig: 01) resolves*Omalodes* as a monophyletic group (Bremer=3) supported by six synapomorphies: character 51 (3rd dorsal stria weakly indicated); character 55 (absence of 4th dorsal stria); 58 (absence of 5th dorsal stria); 61 (sutural stria when present, indicated by a series of aligned punctures); 62 (sutural stria present on the posterior third of elytra) and 63 (presence of a few irregularly placed punctures on the posterior margin of elytra).

Most of those characters haven't been used to differentiate *Omalodes* from other closely related genera. Erichson (1834) did not use the dorsal and sutural stria as a strong generic characteristics for the genus, and Marseul (1853),in his revision of *Omalodes*, mentioned that the presence of an outer subhumeral stria, a rudiment of the inner subhumeral stria present, and the dorsal striae sometimes weakly marked are important characteristics for the genus, but never suggested that those characters alone could support the genus.

Considering the other genera of the tribe, those synapomorphies could be used to great extent in differentiating*Omalodes* from them, especially considering the combination of a weak 3rd dorsal stria on the anterior half with the absence of the 4th and 5th dorsal striae.

The clade A (Bremer=1) (*Omalodes* (*O.*) *fortunatus* + *Omalodes* (*D.*) *marseuli*) is supported by a series of homoplasies and two synapomorphies, it is important to note the two synapomorphies: character 33 (outer subhumeral stria complete) and 36 (inner subhumeral stria absent only on the anterior third) and one of the homoplastic characters: 80 (presence of a complete marginal mesoventral stria). Desbordes (1919) suggested that the diagnostic characters for the subgenus *Diplogrammicus*are the presence of carinal stria on the prosternal process and a complete marginal stria on the mesoventrite.However both characterstates are present in various species of the genus. Considering this variability it is suggested that the status of this subgenus should be reconsidered; probably all three species currently assigned to*Diplogrammicus* should be transferred to *Omalodes* (*Omalodes*). Additional tests were made with other characters found in *Omalodes* (*D.*) *marseuli* (including male genitalia, not included in this analysis) and even with these characters the status of *Omalodes* (*Diplogrammicus*) as a separate group was not supported.

The clade B (Bremer=2)(*Omalodes* (*O.*) *felix* + *Omalodes* (*O.*) *wagneri*) is supported by 6 homoplasies of which the character 15 (presence of strong punctures on the frons) and 98 (presence of a semicircular area on the anterior margin of the propygidium with sparse or

absent punctures) deserve special mention, since they are shared between them. Both species share numerous morphological traits as well as a common distribution.However, small differences can be observed between them; a more thorough study including genitalia characters could further elucidate this relationship.

The clade C (Bremer=1) (*Omalodes* (*O.*) *faustus* + (*Omalodes* (*C.*) *binodulus* + *Omalodes* (*C.*) *bulatus*)) is supported by a series of homoplasies and one synapomorphy, namely character 53 (3rd dorsal stria continuous on the 1st 2/3, indicated by punctures on the posterior third). Considering those characters, the position and support of this clade is dubious, although some morphological characters are indeed shared between the species. It is important to note that the species of *Omalodes* (*Cornillus*) present two other synapomorphies supporting its clade (Bremer=7): character 10 (frontal stria strongly curved inward almost reaching the supraorbital stria) and 92 (presence of tubercles on the posterior half of propigydium). Desbordes (1919) defined *Cornillus* by the presence of tubercles on the propyidium and the present result shows that this character is indeed important when defining this group of species.

The clade D (Bremer=1) (*Omalodes* (*O.*) *novus* + (*Omalodes* (*O.*) *chapadae* + *Omalodes* (*O.*) *pulvinatus* + (*Omalodes* (*O.*) *mendax* + *Omalodes* (*O.*) *monilifer*))) is supported by 8 homoplasies of which, the characters 95 and 96 are the most noteworthy (propygidium completely covered with weak punctures). Both characters are only present in just a few other species in the genus and never together as they are in this group of species. The clade (*Omalodes* (*O.*) *chapadae* + *Omalodes* (*O.*) *pulvinatus* + (*Omalodes* (*O.*) *mendax* + *Omalodes* (*O.*) *monilifer*)) (Bremer=9) is further supported by six homoplasies and three synapomorphies: character 38 (dorsal stria composed by aligned punctures), 53 (3rd dorsal stria complete, indicated by punctures) and 87 (1st abdominal ventrite covered by strong punctures). The position of *Omalodes* (*O.*) *chapadae* and *Omalodes* (*O.*) *pulvinatus*is noteworthy, the main difference between the two species is the fact that the 1st dorsal stria is complete on the 1st species and shortened anteriorly on the 2nd and the 2nd dorsal stria in *Omalodes* (*O.*) *pulvinatus* is slightly shorter than that of *Omalodes* (*O.*) *chapadae*. Both species have distribution for South America while the other two species of the clade have a known distribution for Central America.

The clade which contain the rest of the species of the genus is supported by five homoplasies, of which the characters 33 (outer subhumeral stria only indicated on the posterior third) is the most noteworthy. This state is present in almost all the species.

The small clade E (Bremer=5) (*Omalodes* (*O.*) *amazonius* + *Omalodes* (*O.*) *bifoveolatus*) is supported by five homoplasies, of which the characters 5 (frontal stria rounded), 72 (presence of carinal stria on prosternal keel) and 78 (presence of strong lateral punctures on the mesoventrite) deserve special note.Considering the external morphology of both species, those characters are not only synapomorphic, but are some of the most diagnostic for those species. Desbordes (1919) and Marseul (1853, 1861) both recognized the presence of carinal stria on the prosternal keel as an important character for both species.

The clade F (Bremer=1) (*Omalodes* (*O.*) *punctistrius* + (*Omalodes* (*O.*) *omega* + *Omalodes* (*O.*) *optatus* + (*Omalodes* (*O.*) *angulatus* + *Omalodes* (*O.*) *bisulcatus*))) is supported by four homoplasies. Support for this clade is weak, since the four homoplasies are present in many other species of the genus. However all the species in this clade are distributedin the southern part of South America (from São Paulo, Brazil to Santiago del Estero, Argentina). Further investigations, including male genitalia, might help substantiate their relationship.

Clade G is supported by three homoplasies and one synapomorphy, the most important character to note are the synapomorphic character 6 (presence of a rounded frontal stria medially projected towards epistoma) and the homoplastic character 91 (presence of ornamentation on the propygidium). While the 1st character is only present in species of this clade, it undergoes a reversal in most species. Desbordes (1919) pointed to the importance of foveae or impressions on the propygidium of numerous species of the genus, this character is almost exclusive to this large clade.

The small clade H (Bremer=1) (*Omalodes* (*O.*) *clavulus* + *Omalodes* (*O.*) *obliquistrius*) supported by 2 homoplasies,has weak support.Both characters supporting this clade are present in numerous other species of the genus.When a complete morphological study of both species is taken into account they don’t share many similar traits.Therefore a more complete study, including male genitalia characters is needed in order to further test this hypothesis.

The clade I (Bremer=2)composed by (*Omalodes* (*O.*) *sobrinus* + (*Omalodes* (*O.*) *anthracinus* + *Omalodes* (*O.*) *serenus*)) is presented in the strict consensus and is supported by one homoplasy and one synapomorphy: character 81 (marginal mesoventral stria only indicated on the angles) and 97 (propygidium with a smooth area on the anterior and posterior margins). *Omalodes* (*O.*) *gagatinus* is usually grouped with those species when the original trees are analyzed individually.According to Desbordes (1919) and Marseul (1853) those species share the following characters: fronsflat, lateral punctures on pronotum weak

and outer subhumeral stria indicated on the posterior half. This group of species was present in all resulting trees which suggest a close relationship between them.

Clade J (Bremer=2) (*Omalodes* (*O.*) sp. nov. A + *Omalodes* (*O.*) sp. nov. B) is supported by four homoplasies.The most noteworthy are character 37 (presence of apical stria on eytra) and 102 (presence of a smooth area posteriorly on the pygidium). Only a few species of *Omalodes* present an apical stria on the elytra (*Omalodes* (*O.*) *mestino, Omalodes* (*O.*) *haitianus, Omalodes* (*O.*) *ruficlavis*) and most of those species share a similar distribution (Domican Republic, Cuba, USA) except for *Omalodes* (*O.*) *mestino* only found in Central America, furthermore this species only possesses a shortened apical stria, present on the outer 3rd of the elytra apex.

Clade K (Bremer=1) (*Omalodes* (*O.*) *grossus* + *Omalodes* (*O.*) *lapsans*) is supported by two homoplasies: character 25 (presence of strong punctures on the entire lateral margin of pronotum) and character 102 (punctures of pygidium limited to a circular area on each side). The two species present in this clade are extremely similar, mostly differing by the length of the 1st and 2nd dorsal striae and the punctures of the propygidium, additionally their distribution is parapatric, with *Omalodes* (*O.*) *grossus* not being found south border of Mexico while *Omalodes* (*O.*) *lapsans*occurs througout most of Central America.

Clade L(Bremer=1) (*Omalodes* (*O.*) *consanguineus* + (*Omalodes* (*O.*) *fassli* + *Omalodes* (*O.*) *laevicollis*) + (*Omalodes* (*O.*) *brevisternus* + (*Omalodes* (*O.*) *humerosus* + *Omalodes* (*O.*) *sinuaticollis*))) is supported by three homoplasies and one synapomorphy of those the most noteworthy are character 22 (absence of lateral punctures on the pronotum), 91 (propygidium with wide superficial impressions) and 97 (propygidium with a smooth horizontal area on the anterior margin). The species of this clade are some of the most unique of the genus, presenting peculiar morphological traits. Unfortunately, at least three of those species are only known for a single type specimen (in some cases a female) therefore a more cautious study including possible variability inside the species could not be conducted.

Equal weights – Majority consensus

The majority rule consensus could illustrate particular relationships clades or hypothesis not considered in a strict consensus andhas been used also on Histeridae (Caterino, 1998; 1999).

When the majority rule consensus is used with a cut-off=75 (Fig: 02) the relationship of a few species that could not be visualized before are now observed, namely the clade (*Omalodes* (*O.*) *extorris* + (*Omalodes* (*O.*) *felix* + *Omalodes* (*O.*) *wagneri*)) and the clade

(*Omalodes* (*O.*) *simplex* + (*Omalodes* (*O.*) *seriatus* + *Omalodes* (*O.*) *planifrons*)). The 1st clade is supported by two homoplasies, character 15 (presence of strong punctures on the frons) and 98 (presence of a semi-circular area on the anterior half with sparse of absent punctures).Both characters are indeed important for the identification of this group of species and they also share the same distribution (Argentina) which could support this relationship hypothesis. The 2nd clade is supported by two homoplasies, character 70 (absence of lateral punctures on the prosternal keel) and 77 (absence of lateral punctures on the mesoventrite), however the supposed relationship showed between those species is quite dubious.They have widely different morphological traits and their known distribution is also quite different, *Omalodes* (*O.*) *planifrons* is only found in the Southern part of South America, *Omalodes* (*O.*) *seriatus* in the amazon and *Omalodes* (*O.*) *simplex* only in Trinidad.

In the case of the hypothesis generated by the majority consensus with a cutoff=50 (Fig: 03) only a few of the large polytomies where resolved, however a new clade can be visualized, formed by (*Omalodes* (*O.*) *lucidus* + (*Omalodes* (*O.*) *foveola* + *Omalodes* (*O.*) *mazuri*)) and supported by two homoplasies, character 5 (presence of a rounded frontal stria) and 9 (frontal stria interrupted medially).This clade although not present in all resulting trees of the heuristic search is probably correct. Desbordes (1919) mentioned the similarities of *Omalodes* (*O.*) *lucidus* and *Omalodes* (*O.*) *foveola* and the newly described species *Omalodes* (*O.*) *mazuri* share quite a few characteristics with those two species. When the distribution of all species is taken into account this hypothesis is reinforced, since *Omalodes* (*O.*) *lucidus* and *Omalodes* (*O.*) *mazuri* are only known for the Amazon region (the 1st species in lower altitudes, the 2nd in slightly higher altitudes) while *Omalodes* (*O.*) *foveola* is widely spread in all South America.

Implied weights

Multiple values for the constant of concavity were tested and in most cases the resulting trees showed similarities between the relationship hypotheses (Figs: 04). Most clades presented in the strict consensus tree of equal weights are also present in the resulting trees for implied weights.

The clade (*Omalodes* (*O.*) *gagatinus* + (*Omalodes* (*O.*) *sobrinus* + (*Omalodes* (*O.*) *anthracinus* + *Omalodes* (*O.*) *serenus*))) is one of the most predominant clades, and early studies from Erichson, 1834, Marseul (1853) and Desbordes (1919) already suggest that those species are closely related.

The clade (*Omalodes* (*O.*) *mazuri* + (*Omalodes* (*O.*) *lucidus* + *Omalodes* (*O.*) *foveola*)) is also quite constant in most resulting trees of the implied weight analysis, and as it was mentioned before, this relationship, although not clear in the equal weight analysis, is justified by various morphological characters and their distribution.

The clade (*Omalodes* (*O.*) *monilifer* + (*Omalodes* (*O.*) *mendax* + (*Omalodes* (*O.*) *pulvinatus* + *Omalodes* (*O.*) *chapadae*))) is one of the most stable ones in the genus, those species share a series of characteristics not present in any other, however their position in the resulting trees is somewhat unstable, resulting in various hypothesis of relationship.

A few other clades already described here are also present in the implied weight analysis, such as (*Omalodes* (*O.*) *amazonius* + *Omalodes* (*O.*) *bifoveolatus*), (*Omalodes* (*O.*) *grossus* + *Omalodes* (*O.*) *lapsans*) and (*Omalodes* (*O.*) sp. nov. A + *Omalodes* (*O.*) sp. nov. B), this further reinforces those hypotheses, demonstrating that those species are indeed closely related. Previous authors already pointed out the resemblance between them, and the present revision also suggests that those species are closely related.

However the most noticeable difference is the presence of a separated clade including (*Omalodes* (*C.*) *binodulus* + *Omalodes* (*O.*) *bullatus*), this relationship hypothesis suggests that the current division of those species in a separate subgenus might be accurate. The support of this clade is slightly variable but in most cases a series of six homoplasies and two synapomorphies is responsible for its support. Notably the two synapomorphies deserve mention, the 1st is character 10 (frontal stria strongly curved inward, almost reaching the supraorbital stria) and the 2nd is character 92 (presence of tubercles on the propygidium). Both synapomorphies were also present sustaining the clade in the strict consensus tree of equal weight; however the suggested relationship between those two species and *Omalodes* (*O.*) *faustus* is not present on the implied weight analysis.

4. CONCLUSION

Considering all the results presented herein, it is possible to suggest that *Omalodes* is a monophyletic group, and the current limits of the subgenus *Cornillus* and *Diplogrammicus*should be reconsidered. Considering the current data, all species of *Omalodes* (*Diplogrammicus*) should be included in *Omalodes* (*Omalodes*), the same cannot be inferred for the species of *Omalodes* (*Cornillus*). In the analysis with equal weights this subgenus should be included in *Omalodes s. str*. while in the implied weight analysis the subgenus formed a separated clade, which suggests that the current separation between the

two should be maintained. Considering both results it is suggested that the genus should be composed by only two subgenus: *Omalodes* (*Omalodes*), composed of the previously species allocated in this subgenus and also by the species previously allocated in *Omalodes* (*Diplogrammicus*) and maintaining *Cornillus* as a separate subgenus of *Omalodes*.

The exclusion of male genitalia characters resulted in a few dubious relationships between the species of *Omalodes*, and while multiple tests were conducted (a few including male genitalia characters) the missing data for almost half the species of the genus generated a large number of hypothesis that presented even more dubious relationships when contrasted by external morphological characters and distribution data. However, various large clades were present in all analysis such as clade B, E, I, J and most of clade D and F.

The current work also suggest relationship hypothesis for various groups of species inside the genus, most notably the relationship between (*Omalodes* (*O.*) *chapadae* Lewis, 1908; *Omalodes* (*O.*) *pulvinatus* Erichson, 1834; *Omalodes* (*O.*) *mendax* Marseul, 1861; *Omalodes* (*O.*) *monilifer* Marseul, 1853) supported by three synapomorphies; (*Omalodes* (*O.*) *sobrinus* Erichson, 1834; *Omalodes* (*O.*) *anthracinus* Marseul, 1853; *Omalodes* (*O.*) *serenus* Erichson, 1834) supported by one homoplasy and one synapomorphy and (*Omalodes* (*O.*) *foveola* Erichson, 1834; *Omalodes* (*O.*) *lucidus* Erichson, 1834; *Omalodes* (*O.*) *mazuri* Moura & Almeida, 2013) supported by three homoplasies.

Multiple smaller clades are also observed, however the lack of terminalia characters hinders the attempt to establish relationships, most of the described clades presented in this work were also present in analysis including terminalia characters. The large number of non-observed states in multiple species generated numerous hypothesis that could not be correctly supported or tested, therefore a more complete work including terminalia characters for all species in the genus, also with the few species that could not be identified or studied in this work, should be conducted to establish a more precise relationship between all species.

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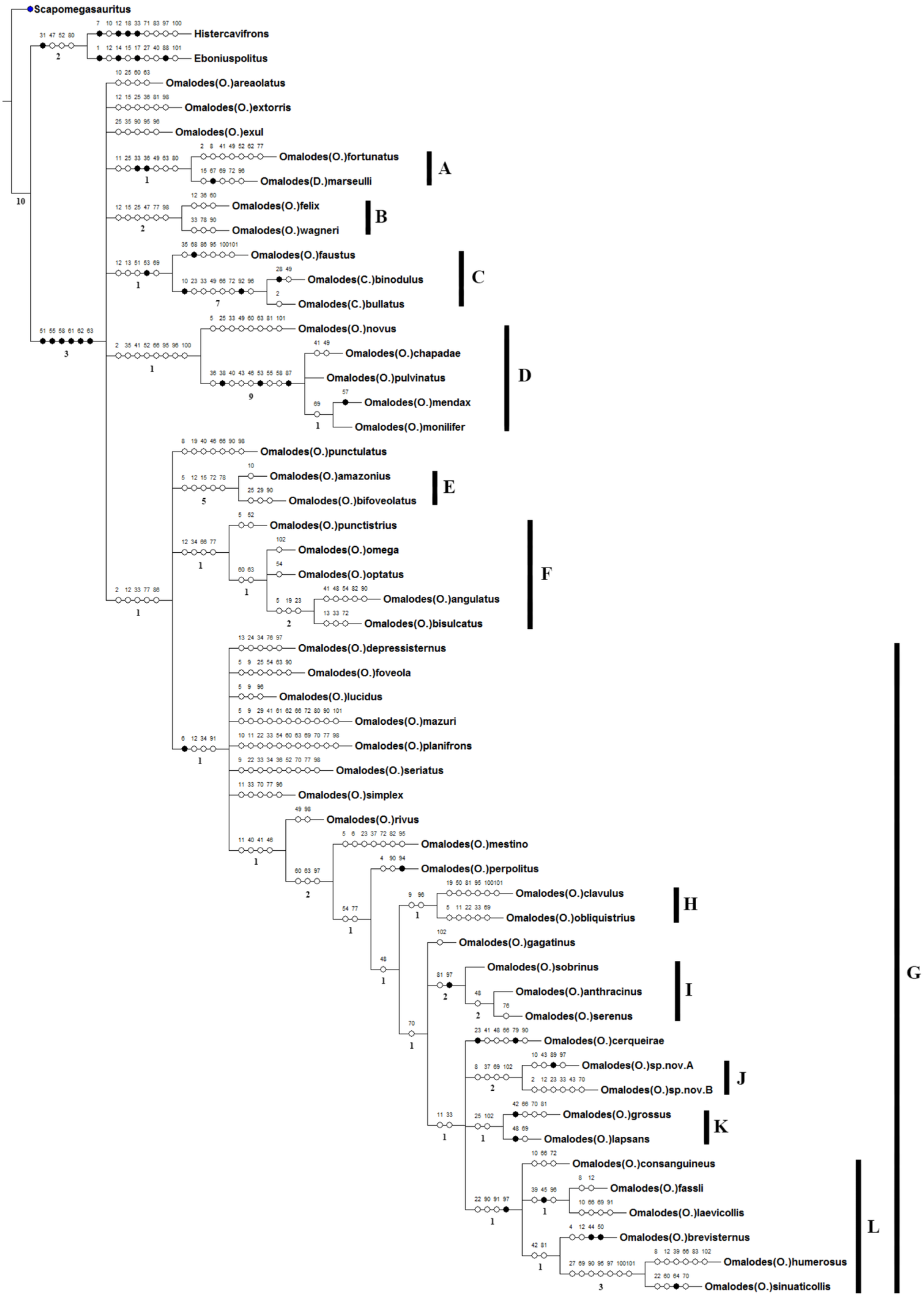


Fig 1. Strict consensus tree of 34 most parsimonious trees, equal weights with Bremer support under each branch.

Fig 2. Majority consensus tree (cutoff=75) of 34 most parsimonious trees, equal weights.

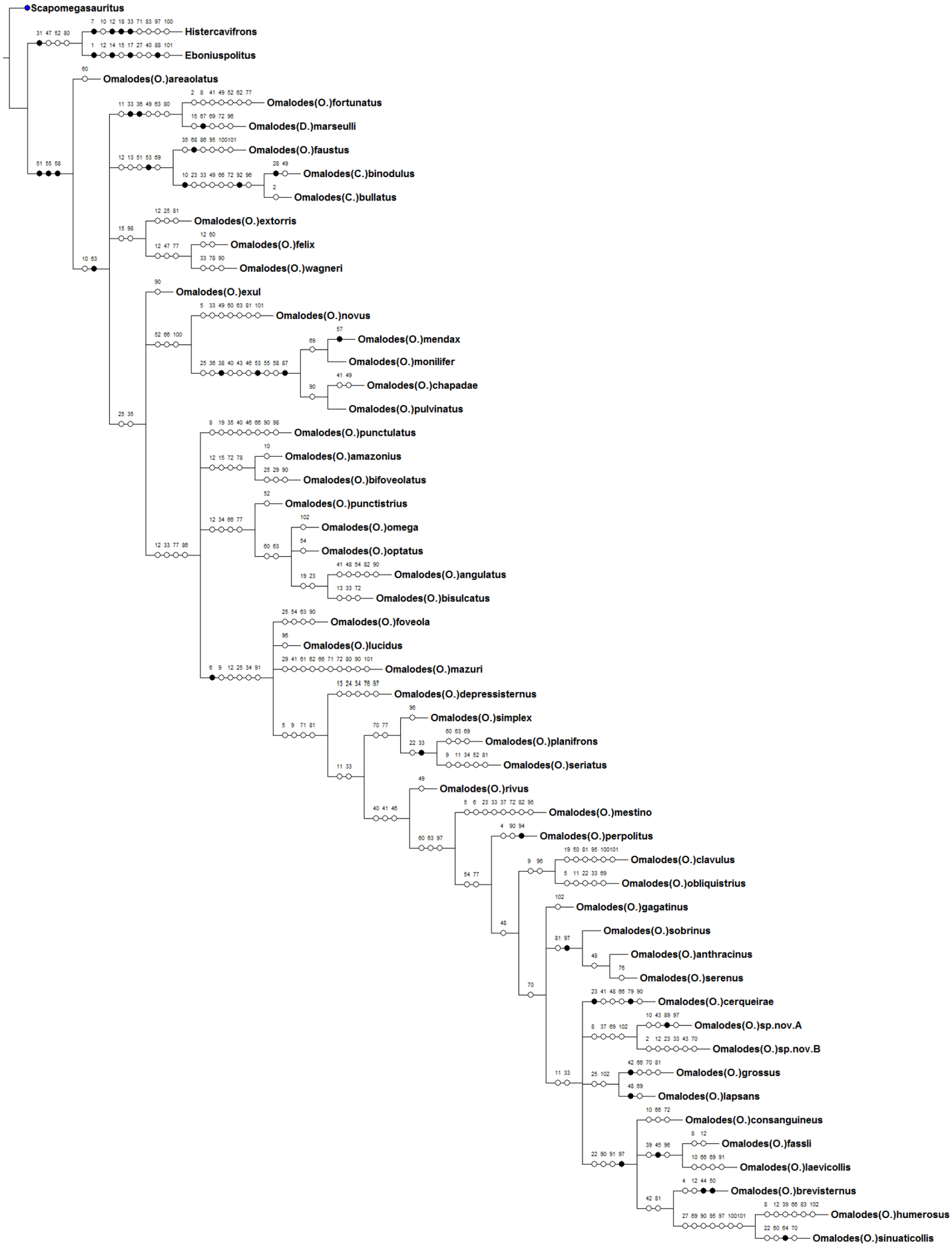
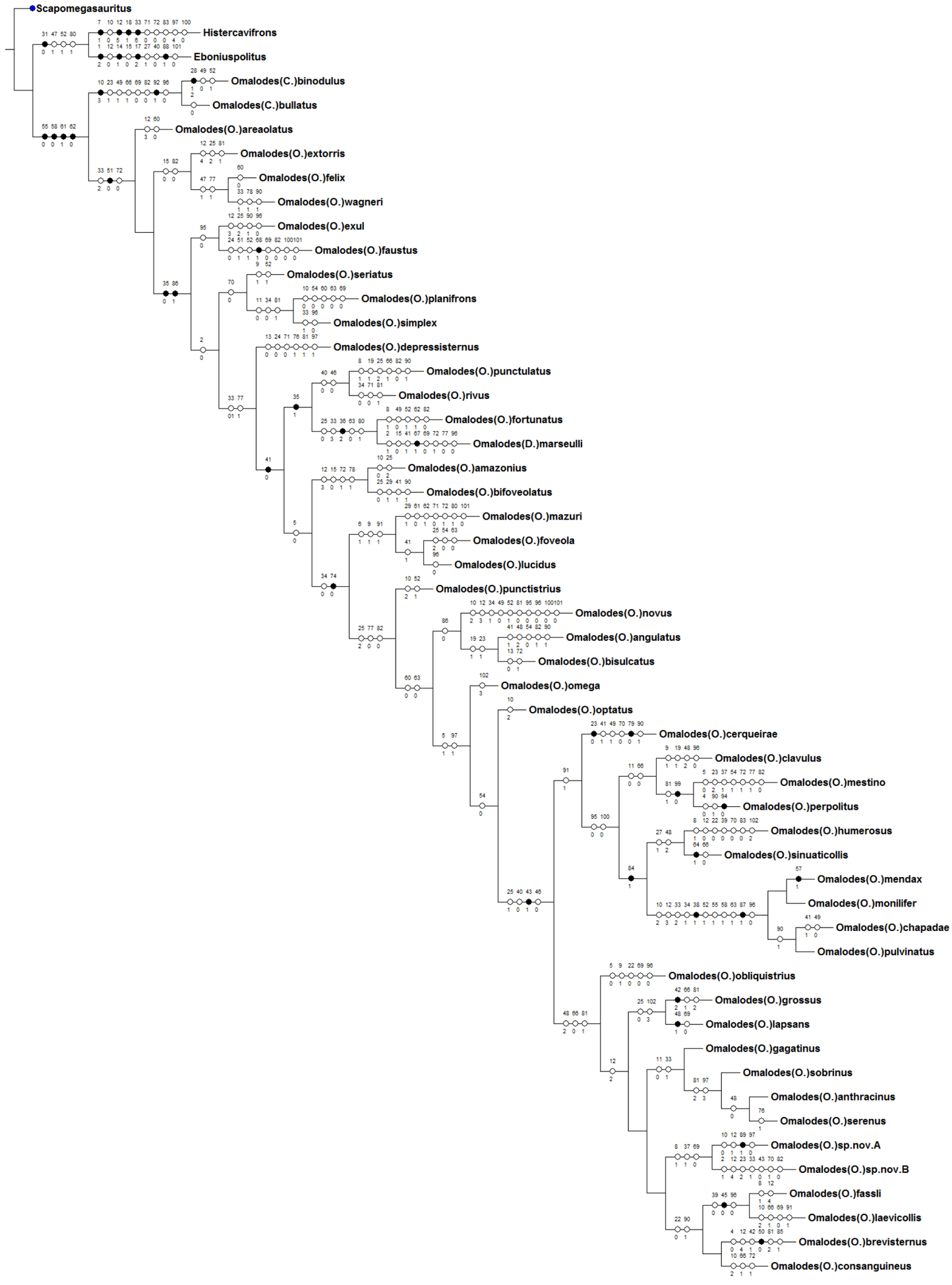


Fig 3. Majority consensus tree (cutoff=50) of 34 most parsimonious trees, equal weights.

Fig 4. Most parsimonious tree, implied weight (k=7).



CHAPTER II

Revision of *Omalodes* (*Omalodes*) Dejean, 1833

(Coleptera, Histeridae, Histerinae)

1. INTRODUCTION

Histeridae is composed of approximately 4,200 species in 11 subfamilies.The family can be identified by the geniculate antennae; truncated elytra, exposing the two last abdominal terga; variable number of dorsal striae, either complete or shortened in its length; tibiae more or less expanded, with teeth of variable number and size and parameres fused dorsally and ventrally orming a tube surrounding the medial lobe (penis) (Ôhara, 1994; Lawrence *et al.*, 2011). Histerinae is the largest of those comprising about 50% of the species of the family (Caterino & Vogler, 2002; Mazur, 2011).

Histeridbettles are mostly generalist predators, widely spread on a great variety of ambients, such as decomposing material (vegetal and animal), excrement, caracasses, nest of various vertebrates and also associated with other insects such as ants and termites (Caterino & Vogler, 2002). A few *Epierus* Erichson, 1834 and *Bacanius* LeConte, 1853 can be found consuming spores of fungi (Kovarik & Caterino, 2001). Studies in forensic entomology suggest that specimens of *Euspilotus* Lewis, 1907 and *Operclipygus* Marseul, 1870 could help in legal cases (Carvalho *et al*., 2000; Mise *et al*., 2010; Corrêa *et al*., 2012).

Histerinae is composed of 5 tribes, Exosternini Bickhardt, 1914; Hololeptini Hope, 1840; Platysomatini Bickhardt, 1914; Omalodini Kryzhanovskij, 1972 and Histerini Gyllenhal, 1808 and according to Kovarik & Caterino (2001) the subfamily could be identified by the antennal cavity present laterally (when present); antennal scape usually cylindrical or slightly expanded apically; labrum without setae and not fused to the head and protibiae with apical spurs.

Omalodini was proposed by Kryzhanovskij (1972) to group *Ebonius* Lewis, 1885; *Cornillus* Lewis, 1907; *Diplogrammicus* Lewis, 1907 and *Omalodes* Dejean, 1833; all of which have a Neotropical distribution and were previously allocated in Platysomatini. The tribe is identified by the "V" shaped sutures on the antennal club; lateral metaventral stria curved, continuous with recurrent stria; propygidium and pygidium strongly curved downward; prosternal lobe short; body convex, usually oval, rarely subparallel (Kryzhanovskij, 1972; Marzo & Vienna, 1982; Mazur, 1989; Mazur & Ôhara, 2009).

Currently Omalodini Kryzhanovskij, 1972 is composed of twelve genera and approximately 100 species: *Notolister* Lewis, 1894 (8 species); *Sphyracus* Marseul, 1853 (5 species); *Ebonius* Lewis, 1885 (3 species); *Scapomegas* Lacordaire, 1854 (3 species); *Lewisister* Bickhardt, 1912 (1 species); *Asolenus* Lewis, 1906 (3 species); *Blypotehus* Vienna, 2000 (3 species); *Perfidolenus* Vienna, 2000 (1 species); *Atribalus* Bickhardt, 1921 (8

species); *Rhypochares* Marseul, 1854 (3 species); *Theropatina* Mazur, 1984 (1 species) and *Omalodes* Dejean, 1833 (63 species), the last one with three subgenera: *Omalodes* (*Omalodes*) (54 species), *O.* (*Diplogrammicus*) Lewis, 1907 (3 species) and *O.* (*Cornillus*) Lewis, 1907 (6 species).

Omalodes Dejean, 1833 is the largest genus of the tribe, with approximately 63 species described in three subgenera with an exclusively neotropical distribution (Mazur, 1997; 2011). The genus was first proposed by Dejean (1833) and latter described by Erichson (1834) including eighth species: *Omalodesangulatus*, *O. faustus*, *O. foveola*, *O. lucidus*, *O. omega*, *O. pulvinatus*, *O. serenus*, *O. sobrinus* and *O. ebeninus*. Later, Erichson (1847) describes another species for the genus: *O. gagatinus*. It was only in 1853 that Silvin Augustin Marseul, during his "*Essai monographique sur la famille des histerides, comprenant la descriptionet la figure au trait des genres et des especes, leur distribution methodique, avec un resumede leurs moeurs et de leur anatomie*" described numerous new species for the genus. In the following years, Schmidt (1889; 1893); Casey (1893); Lewis (1888 - 1911) and Bickhardt (1910; 1911) described a few other species bringing the total number of species of the genus to over 50 species. It was Desbordes (1919) that described the last four species for the genus.

According to Desbordes (1919) the differences between the subgenera are the presence of tubercules on the propygidium in *Omalodes* (*Cornillus*); presence of a complete marginal mesoventral stria and carinal striae on the prosternum in *Omalodes* (*Diplogrammicus*). The subgenus *Omalodess. str.* is comprised of approximately 54 species with a wide variety of characters and distributional range, with species such as *Omalodes* (*Omalodes*) *foveola* Erichson, 1834 distributed in the entire South America (Mazur, 2011; Moura, 2010; Moura & Almeida, 2013).

The habits of the genus are little known, a few associations with fruit bait is listed in labels for some specimens and a few other articles associate species of the genus with carcasses and are also listed as possible agents in the biological control of other species of insects, such as *Cosmopolites sordidus* Germar, 1924 (Coleoptera, Curculionidae) a common problem in banana plantations (Mesquita, 2003; Mise *et al*., 2010).

Considering the lack of information for the genus since Marseul (1853) published his revision, its possible importance in forensic entomology studies as well as an agent in the biological control of economic relevant insects the main objective of this work was to provide a complete revision of *Omalodes* with illustrations for all species, a dichotomous key and distribution maps.

2. MATERIAL AND METHODS

2.1 Morphological studies

The studies were conducted in the "Laboratório de Sistemática e Bioecologia de Coleoptera (Insecta)", Departamento de Zoologia, Setor de Ciências Biológicas, Universidade Federal do Paraná, Curitiba, Paraná, Brazil.

The basic methodology for Coleoptera was used in all dissections; studied male terminalia was preserved in micro vials with glycerin and pinned with the original specimens. In cases where no specimen from a given species was studied, morphological data was obtained through original descriptions and identification keys; the complete description of those species is provided in their original form and language to better illustrate their variation and morphology.

All studies were conducted utilizing a stereomicroscope ZEISS Stereo Discovery V20, images for specific specimens or characters also utilized a stereomicroscope Leica MZ16 with Leica DFC 500 camera from the Taxonline - Rede Paranaense de Coleções Biológicas project. Additional images of type material from the Natural History Museum (London, England) and Muséum National d'Histoire Naturelle (Paris, France) were taken utilizing the imaging equipment from the Santa Barbara Museum of Natural History and Muséum National d'Histoire Naturelle. All images were edited utilizing the program Adobe Photoshop CS6 and drawings were made utilizing Adobe Illustrator 6.

The morphological terminology followed that of Desbordes (1919), Wenzel & Dybas (1941), Wenzel (1944; 1963), Ôhara (1994), Kanaar (1997), Caterino (1998; 1999), Mazur (2001), Caterino & Vogler (2002), Kovarik & Caterino (2001), Kovarik & Tishechkin (2004), Tishechkin (2005) and Lackner (2010).

2.2 General morphology

A complete list of structures important for the study and recognition of the genus was made during this study, those structures were them illustrated and are presented (Figs: 5-6). The illustrations are based on a hypothetical organism containing every character possible for the genus, not illustrating a particular species. For a more detailed description of each structure see item **3.4** (Revision of *Omalodes*(*Omalodes*)).

2.3 Examined material

A total of approximately 5,500 specimens from 55 species (Table IV), including type material, were studied from the following collections:

BMNH - Natural History Museum, London, England.

CNC - Canadian National Collection of Insects, Arachnids and Nematodes, Ottawa, Canada.

DZUP - Coleção Entomológica Pe. J. S. Moure, UFPR, Curitiba, Paraná, Brazil.

FMNH - Field Museum of Natural History, Chicago, EUA.

GASC - Coleção Particular Gerardo Arriagada, Santiago, Chile.

INPA - Instituto Nacional de Pesquisas da Amazônia, Manaus, Amazonas, Brazil.

LSAM - Louisiana State Arthropod Museum, Baton Rouge, EUA.

MCNZ - Museu de Ciências Naturais da Fundação Zoobotânica do Rio Grande do Sul, Porto Alegre, Rio Grande do Sul, Brazil.

MGAP - Museu Anchieta, Porto Alegre, Rio Grande do Sul, Brazil.

MNHN - Muséum National d'Histoire Naturelle, Paris, France.

MNRJ - Museu Nacional do Rio de Janeiro, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Rio de Janeiro, Brazil.

MPEG - Museu Paraense Emilio Goeldi, Belém, Pará, Brazil.

MZSP - Museu de Zoologia da Universidade de São Paulo, São Paulo, Brazil.

PCAT – Particular Collection Alexey K. Tishechkin, Baton Rouge, EUA. Dr. Alexey K. Tishechkin.

PCND - Collection Particulière N. Degallier, Paris, France.

PCSM - Particular Collection Slavomir Mazur, Warszawa, Poland.

PCKC -Particular Collection Peter Kovarik, Ohio, EUA.

SBMN - Santa Barbara Museum of Natural History, Santa Barbara, EUA.

SMEK- Snow Entomological Collection, University of Kansas Natural History Museum, Lawrence, Kansas, EUA.

ZMHB - Museum für Naturkunde der Humboldt - Universität, Berlin, Germany.

ZMUC - Natural History Museum of Denmark - University of Copenhagen, Denmark.

Additionally 1,500 specimens were provided by “Inventaire Entomologique du Bélvédère de Saül”, French Guiana, Société Entomologique Antilles-Guyane (SEAG), that is currently realizing a large colleting effort in French Guyana.

Specimens of*Omalodes* (*Omalodes*) *haitianus* Marseul, 1853; *Omalodes* (*O.*) *laceratus* Marseul, 1853; *Omalodes* (*O.*) *laevigatus* (Quensel *in* Schönherr, 1806); *Omalodes* (*O.*) *laevinotus* Marseul, 1853; *Omalodes* (*O.*) *marquisicus* Marseul, 1853; *Omalodes* (*O.*) *ruficlavis* Marseul, 1853; *Omalodes* (*O.*) *souloquii* Marseul, 1861 and *Omalodes* (*O.*) *vapulo* Marseul, 1861 could not be studied and the type specimens not found, however all other species from the genus where studied, either through their type material or by additional specimens. Those species had their original descriptions transcribed and any additional information or discussion was added as observations on each species.

The last study with a more thorough study of *Omalodes* was included in Marseul’s world monograph of the family Histeridae (1853, 1861).Subsequently, several species were synonymimed, rarely with adequate justifications.Therefore almost all synonyms for the genus were also analyzed, in order to clarify those synonyms, giving a complete comparative study of all species.

TABLE IV. List of species of *Omalodes*, including known synonyms, with number of specimens examined, type material studied and museum where the type material is deposited.

Specimens	Examined material	Type material	Museum
Omalodes (*O.*) *amazonius* Marseul, 1861	172	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *angulatus* (Fabricius, 1801)	106		Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *anthracinus* Marseul, 1853	603	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *areolatus* Schmidt, 1889	1	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *bifoveolatus* Marseul, 1853	349	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *bisulcatus* Desbordes, 1919	1	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *brasilianus* Marseul, 1853 **	1	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *brevisternus* Schmidt, 1893	1	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *cerqueirae* Desbordes, 1919	1	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *chapadae* Lewis, 1908	1	X	Natural History Museum (BMNH)

Omalodes (*O.*) *clavulus* Lewis, 1888	103	X	Natural History Museum (BMNH)
Omalodes (*O.*) *conicicollis* Marseul, 1853 **	1	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *consanguineus* Marseul, 1853	1	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *depressisternus* Marseul, 1853	14	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *extorris* Marseul, 1853	1	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *exul* Marseul, 1853	1		Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *fassli* Bickhardt, 1911	41	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *faustus* Erichson, 1834	67	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *felix* Lewis, 1900	1	X	Natural History Museum (BMNH)
Omalodes (*O.*) *fortunatus* Lewis, 1898	1	X	Natural History Museum (BMNH)
Omalodes (*O.*) *foveipennis* Lewis, 1902 **	2	X	Natural History Museum (BMNH)
Omalodes (*O.*) *foveola* Erichson, 1834	1953	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *gagatinus* Erichson, 1834	453	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *grossus* Marseul, 1853	118		Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *haitianus* Marseul, 1853			Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *humerosus* Schmidt, 1889	1	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *laceratus* Marseul, 1853			Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *laevicollis* Bickhardt, 1911	1	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *laevigatus* (Quensel, 1806)			Naturhistoriska riksmuseet - Stockholm (NHRS)
Omalodes (*O.*) *laevinotus* Marseul, 1853			Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *lapsans* Marseul, 1861	21		Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *lubricans* Casey, 1893			National Museum of Natural History (NMNH)
Omalodes (*O.*) *lucidus* Erichon, 1834	906	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *marquisicus* Marseul, 1853			Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *mazuri* Moura & Almeida, 2013	3	X	Coleção Entomológica Pe. J. S. Moure (DZUP)
Omalodes (*O.*) *mendax* Marseul, 1861	197		Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *mestino* Lewis, 1904	1	X	Natural History Museum (BMNH)
Omalodes (*O.*) *monilifer* Marseul, 1853	2	X	Muséum National d'Histoire Naturelle (MNHN)

Omalodes (*O.*) *novus* Marseul, 1853	1	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *obliquistrius* Lewis, 1908	1	X	Natural History Museum (BMNH)
Omalodes (*O.*) *oblongus* Lewis, 1901 **	1	X	Natural History Museum (BMNH)
Omalodes (*O.*) *omega* (Kirby, 1818) *	173	X	Natural History Museum (BMNH)
Omalodes (*O.*) *optatus* Lewis, 1911	1	X	Natural History Museum (BMNH)
Omalodes (*O.*) *perpolitus* Schmidt, 1893	162	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *peruvianus* Marseul, 1861	1	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *planifrons* Marseul, 1853	1	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *praevius* Marseul, 1861	1		Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *pulvinatus* Erichson, 1834	656	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *punctistrius* Marseul, 1853	54	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *punctulatus* Moura & Ameida, 2013	12	X	Coleção Entomológica Pe. J. S. Moure (DZUP)
Omalodes (*O.*) *rivus* Moura & Almeida, 2013	40	X	Coleção Entomológica Pe. J. S. Moure (DZUP)
Omalodes (*O.*) *ruficlavis* Marseul, 1853			Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *serenus* Erichson, 1834	1	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *seriatus* Schmidt, 1889	13	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *simplex* Lewis, 1908	1	X	Natural History Museum (BMNH)
Omalodes (*O.*) *sinuaticollis* Marseul, 1853	16	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *striatipectus* Lewis, 1900 **	1	X	Natural History Museum (BMNH)
Omalodes (*O.*) *sobrinus* Erichson, 1834	208	X	Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*O.*) *souloquii* Marseul, 1861			Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *texanus* Marseul, 1853 **	1	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *vapulo* Marseul, 1861			Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) *wagneri* Desbordes, 1919	1	X	Muséum National d'Histoire Naturelle (MNHN)
Omalodes (*O.*) sp. nov. A	8	X	
Omalodes (*O.*) sp. nov. B	13	X	
Omalodes (*D.*) *ebeninus* Erichson, 1834			Museum für Naturkunde der Humboldt Universität (ZMHB)
Omalodes (*D.*) *intermedius* (Lewis, 1907)			Natural History Museum (BMNH)
Omalodes (*D.*) *marseuli* Schmidt, 1889	1		Museum für Naturkunde der Humboldt Universität (ZMHB)

* type species of the genus. ** synonym according to Mazur, 2011.

The following information is provided for each species, according to the label: collection data; verbatim citation of country, province or state, locality, date of collection, collector's names, number of specimens, and collection. The data from each specimen are within double quotes (" "). Each line on the same label is separated by a (;). Each label is separated by a slash between spaces (/). The information on shape and color of each label is between "{}".

3. RESULTS AND DISCUSSION

3.1 Taxonomy

***Omalodes* Dejean, 1833:128**
Homalodes Agassiz, 1846:184 [*sic.*]
Diplogrammicus Lewis, 1907:481 **syn. nov.**

Type species:*Hister omega* Kirby, 1818:394. By subsequent designation of Lewis, 1907:481.

Description.***Size range***:length 10.7–4.8 mm; width 3.7–6 mm. ***Body*:** usually oval, rarely subparallel, convex or subdepressed, piceous, covered with micropunctures. ***Head*:** frons usually medially depressed, with a medial fovea of longitudinal sulcus from the epistoma to middle of frons, rarely flat; frontal stria usually or slightly interrupted medially, rarely interrupted on the sides or completely absent, when complete usually more or less curved inward towards middle of frons; epistoma flat, rarely convex; labrum subtrapezoidal, 1.5–2x as wide as long, flat to weakly convex; mandibles short, with an acute tooth on right mandible, a rounded tooth on the left mandible; antennal scape elongate, slightly expanded to apex, antennal club oval. ***Pronotum*:** sides rounded, narrower anteriorly, anterior margin between angles usually straight, rarely with a weak medial projection; marginal stria present along lateral margin and anterior angles, interrupted behind the head; outer lateral stria present along lateral and anterior margin, sometimes shortened near the posterior margin; pronotal disk usually punctuated on the sides, rarely without punctures. ***Elytra*:** one or two epipleural striae present, one strong and complete the other rarely present, usually weak and shortened; humeral stria always present, weak; outer subhumeral stria always present, variable in length; inner subhumeral stria variable, when present usually shortened; dorsal elytral stria usually continuous, rarely formed by aligned punctures; 1st and 2nd dorsal striae

usually present, variable length and strength; 3rd dorsal stria usually weak, only present on the anterior half; 4th and 5th dorsal striae usually absent; sutural stria variable, when present usually indicated by a few aligned punctures on posterior third; apical stria rarely present; elytral disk rarely with few apical punctures.***Prosternum*:** prosternal lobe usually rounded, rarely truncated; marginal stria complete, sometimes medially abbreviated; prosternal keel truncated; carinal stria rarely present, with variable length, when complete diverging anteriorly and posteriorly; lateral punctures of prosternal keel usually present, rarely absent; prosternal process rounded, rarely acuminate. ***Mesoventrite*:** anterior margin more or less emarginated in correlation with prosternum; marginal mesoventral stria variably shortened medially, rarely absent or complete; lateral punctures variable; mesometaventral stria variable, usually present. ***Metaventrite*:** disk flat to weakly convex, impunctate; lateral metaventral stria continuous with recurrent stria.***Abdomen*:**abdominal ventrites smooth medially, punctuated on sides, the punctures somewhat irregular; abdominal ventrite 1 with one lateral stria on each side, along inner margin of metacoxae, rarely covered with rugose punctures; propygidium with variable punctures on its surface, rarely without punctures, sometimes with superficial impressions, foveae or tubercles on the posterior half; pygidium usually completely covered by punctures, rarely with smooth areas or without punctures, rarely with impressions on the anterior angles or along lateral margin. ***Legs*:** protibiae usually with stronger teeth, each bearing a small spine, tarsal cavity "S" shaped; meso and metatibiae with smaller teeth, each bearing a small spine; tarsal claw simple. ***Male genitalia*:** 8th tergite usually as wide as long, with a rounded projection on each angle of the anterior margin; 8th sternite divided into two sclerites longitudinally elongated, usually with a small emargination on anterior margin; 9th tergite divided into two longitudinally elongated sclerites, wider medially, with a small projection laterally; "spiculum gastrale" elongated, variably sclerotized on the sides; 10th tergite slightly elongated, wider close to the apex, usually a single sclerite however with variable sclerotization, which sometimes give the impression of being a divided sclerite; aedeagus elongated, tubular, base with variable emargination or projections, apex rounded, truncated or rarely projected laterally, basal piece small, usually one 3rd or one 4th of tegmen length, laterally articulated with tegmen.***Female genitalia*:** 8thtergite trapezoidal,larger at base, usually non-sclerotized medially; 8thsternite with sides rounded, basal margin irregularlysclerotized, apex slightly curved,proximal baculi not fused to sternites; oval area in coxites covered with dense and strong punctures, withsetae laterally and ventrally, gonostyle only visible ventrally, articulated with coxites, usually withthree apical setae, valvifer elongate, usually enlarged at anterior third;spermatheca elongate,

annulated on at least part of its length; spermathecalgland longer than spermatheca, usually wider in posterior half.

3.2 Dianosis of *Omalodes*

The following combination of characters gives a good perspective for most species of the genus: outer subhumeral stria short, usually present on the posterior third or half; 3rd dorsal striae weakly indicated, continuous on the anterior half, rarely with a few aligned punctures on posterior sixth; absence of 4th and 5th dorsal stria and sutural stria when present only indicated on the posterior sixth. However even when those characters are considered, variation is still present in the genus, longer outer subhumeral striae are present, such as in *Omalodes* (*O.*) *faustus* which presents a complete stria; variations on the 3rd, 4th and 5th dorsal stria are also present, mostly a group of species inside the genus with all dorsal striae indicated by aligned punctures, those species have a complete 3rd dorsal stria and the other two striae are indicated on the posterior half or 3rd.

The various species in the genus share a great degree of similarity, and are often differentiated by small differences in external morphology.In such cases, the distribution of those species can be very helpful in their identification.

3.3 Key to the species of *Omalodes*

1. Propygidium with a pair of tubercles, on each side on the posterior half (Fig: 55E) **...**…....**2 (*Omalodes* (*Cornillus*))**

1'. Propygidium without tubercles on the posterior half (Fig: 8E) **....**……...…**7 (*Omalodes* (*Omalodes*))**

2(1). Carinal stria of prosternum present (Fig: 55B)…….……...…..**3**

2'(1). Carinal stria of prosternum absent, 1st and 2ndelytral stria complete, 3rdelytral stria slightly shortened anteriorly (BRAZIL)…...…...***Omalodes* (*C.*) *tuberculifer* Desbordes, 1917**

3(2). Carinal stria of prosternum complete (Fig: 56B)**...**……...……**4**

3'(2). Carinal stria of prosternum not complete (Fig: 57B)**...**……..……..…**5**

4(3). 1st and 2nd dorsal stria complete; 3rd continuous on most of its length, indicated by punctures near the posterior margin of the elytra (usually on the posterior sixth) (BRAZIL)…….……***Omalodes* (*C.*) *tuberculipygus* Schmidt, 1889**

4'(3). 1st dorsal stria complete; 2nd dorsal stria slightly shortened (about 1/6 of its total length); 3rd dorsal stria only present on the anterior half (sometimes with a pair of punctures on the posterior margin)(Fig: 56)(BRAZIL)..……..…***Omalodes* (*C.*) *bullatus* Lewis, 1905**

5(3'). Inner subhumeral stria meeting 1st dorsal stria apically (Fig: 58C)**...**……..……..**6**

5'(3'). Inner subhumeral stria meeting 1st dorsal stria slightly before the apex (Fig: 57)(GUYANE)**.....**…...***Omalodes* (*C.*) *tuberculatus* Lewis, 1905**

6(5). 1st dorsal stria complete; tubercles of the propygidium closer together, with approximately half the diameter of one tubercle(Fig: 55)(BRAZIL) …..……..……***Omalodes* (*C.*) *binodulus* Lewis, 1910**

6'(5). 1st dorsal stria slightly shortened anteriorly (about 1/6 of its total length); tubercles of the propygidium more widely spaced, with approximately the total diameter of one tubercle between them (BRAZIL) (Fig: 58)..……...…***Omalodes* (*C.*)*tuberosus* Lewis, 1899**

7(1'). Frons with ornamentation (a medial fovea or longitudinal sulcus) (Figs: 7A, 8A)**.....8**

7'(1'). Frons flat or concave (Fig: 9A)…..……...…...**47**

8(7). Dorsal elytral stria composed only by a series of aligned punctures (Fig:33A)..……..…**9**

8'(7). Dorsal elytral stria continuous or indicated by punctures only in a small portion of its length (Figs: 9A, 22A)**...**……...……..……...……**12**

9(8). Propygidium with a pair of strong fovea on the posterior half (Fig: 25E)…..……...…**10**

9'(8). Propygidium without a pair of fovea on the posterior half, usually flat (Fig: 9E)…..…**11**

10(9). 5th dorsal stria indicated on the posterior third; prosternal process slender(Fig: 15)(BRAZIL) …….……**....*Omalodes* (*O.*) *chapadae* Lewis, 1908**

10'(9). 5th dorsal stria indicated on the posterior half; prosternal process broader(Fig: 43)(TRINIDAD & TOBAGO, FRENCH GUIANA, VENEZUELA, BRAZIL, PERU, BOLIVIA) ……...…...……***Omalodes* (*O.*) *pulvinatus* Erichson, 1834**

11(9').4th dorsal stria complete; prosternal process slender(Fig: 33)(MEXICO, COSTA RICA, PANAMA, VENEZUELA)……..….....…***Omalodes* (*O.*) *mendax* Marseul, 1861**

11'(9'). 4th dorsal stria indicated on the posterior half; prosternal process broader(Fig: 35)(MEXICO)……..……...……...…...***Omalodes*(*O.*) *monilifer* Marseul, 1853**

12(8'). Frons with a well delimited medial fovea (with or without a superficial sulcus) (Fig: 7D)…….……...……**13**

12'(8'). Frons with a longitudinal sulcus (sometimes weak, but never with a well delimited fovea) (Fig: 12D)……...…….…….....**24**

13(12). Frontal stria rounded; frons covered with strong punctures (Fig: 7D)…….……...**14**

13'(12). Frontal stria transversal; frons with variable strength punctures (Fig: 9D).....…**15**

14(13). Lateral pronotal foveae present; dorsal elytral striae usually continuous(Fig: 11)(TRINIDAD & TOBAGO, SURINAME, FRENCH GUIANA, BRAZIL, ECUADOR, PERU, BOLIVIA, PARAGUAY)……..***Omalodes* (*O.*) *bifoveolatus* Marseul, 1853**

14'(13). Lateral pronotal foveae absent; 1st and 2nd dorsal elytral striae indicated by punctures on the posterior half and 3rd respectively(Fig: 7)(COSTA RICA, PANAMA, PERU, BRAZIL)….....…***Omalodes* (*O.*) *amazonius* Marseul, 1861**

15(13'). Body slightly elongated; lateral punctures of pronotum weak; prosternal lobe rounded or slightly truncated(Fig: 20)(BRAZIL)…….***Omalodes* (*O.*) *exul* Marseul, 1853**

15'(13'). Body oval; lateral punctures of pronotum variable (usually strong); prosternal lobe rounded (Figs: 26A, 26B)..……..…….……..……..**16**

16(15'). Outer subhumeral stria longer, either indicated on the posterior half or only absent on the anterior third (Fig: 26C)….……...…**17**

16'(15'). Outer subhumeral stria limited to the posterior third (Fig: 31C)…...…..……....**19**

17(16). Outer subhumeral stria indicated on the posterior half (Fig: 26C)……..…**18**

17'(16). Outer subhumeral stria only absent on the anterior third; propygidium with a medial circular area on the anterior half with sparse punctures (Fig: 10)(BRAZIL).....***Omalodes*(*O.*) *areolatus* Schmidt, 1889**

18(17). Inner subhumeral stria continuous on the posterior third; propygidium covered with strong punctures, except for a semi-circular area on the anterior half(Fig: 52)(ARGENTINA)……..…….……..…***Omalodes* (*O.*) *wagneri* Desbordes, 1919**

18'(17). Inner subhumeral stria indicated by punctures of variable length (usually on the posterior third or sixth); propygidium equally covered by weaker, sparser punctures(Fig: 36)(COLOMBIA)……...…….…**.....**….***Omalodes* (*O.*) *novus* Marseul, 1853**

19(16'). Presence of a fovea on the anterior third of the 3rd dorsal elytral stria(Fig: 50)(BRAZIL)……..……..……..……..…..…..***Omalodes* (*O.*) *sinuaticollis* Marseul, 1853**

19'(16'). Absence of a fovea on the anterior third of the 3rd dorsal elytral stria (Fig: 45A)....**20**

20(19'). Propygidium with a smooth semi-circular area on the anterior margin(Fig: 45)(BRAZIL)……**...**……...……..….***Omalodes* (*O.*) *punctulatus* Moura & Almeida, 2013**

20'(19'). Propygidium either completely covered by punctures or with a large smooth area medially (usually from the anterior to the posterior margin) (Figs: 27E, 29E)**...**……..…...**21**

21(20'). Pygidium with a smooth area medially, either limited to the anterior half or extending from the anterior to the posterior margin (with punctures limited to the sides) (Fig: 27E)**...**……...**22**

21'(20'). Pygidium without any smooth areas, completely and equally covered by strong punctures (Fig: 29E)**...**……..……**23**

22(21). Lateral punctures of prosternal keel present; propygidium with punctures more or less limited to the sides, usually connected medially by a line of punctures; pygidium with the punctures absent from a semi-circular area the anterior half or limited to the sides(Fig:

27)(USA, MEXICO, BELIZE, GUATEMALA, HONDURAS, EL SALVADOR, NICARAGUA, COSTA RICA, PANAMA)……***Omalodes* (*O.*) *grossus* Marseul, 1853**

22'(21). Lateral punctures of prosternal keel absent; propygidium with punctures limited to the lateral angles; pygidium with punctures limited to the sides, completely absent medially (Fig: 30)(MEXICO, BELIZE, COSTA RICA)…..…..***Omalodes* (*O.*) *lapsans* Marseul, 1861**

23(21'). Prosternal keel with a short carinal stria (limited to the posterior third); propygidium without strong fovea on the posterior half (sometimes with superficial impressions on the posterior half)(Fig: 17)(COLOMBIA)..……..***Omalodes* (*O.*) *consanguineus* Marseul, 1853**

23'(21'). Prosternal keel without carinal stria; propygidium with a pair of strong foveae on the posterior half(Fig: 29)(COLOMBIA, ECUADOR, BOLIVIA)……..….***Omalodes* (*O.*) *laevicollis* Bickhardt, 1911**

24(12'). Frons with a weak longitudinal sulcus (Fig: 53D)……...…….....**25**

24'(12'). Frons with a strong longitudinal sulcus (Fig: 42D)……...….……..**30**

25(24). Apical stria present on elytra (Fig: 53E)……..……**26**

25'(24). Apical stria absent from elytra (Fig: 42E)……..……**29**

26(25). 1st and 2nd dorsal elytral striae complete……...…..**27**

26'(25). 1st and 2nd dorsal elytral striae shortened anteriorly (Fig: 54A)……..……...**28**

27(26). Lateral punctures of pronotum absent; propygidium with punctures limited to the sides, smooth medially (HAITI)…..…….…….***Omalodes* (*O.*) *haitianus* Marseul, 1853**

27'(26). Lateral punctures of pronotum present along the entire lateral margin; propygidium with sparce punctures on the entire structure (MEXICO, CUBA, HAITI).....***Omalodes* (*O.*) *ruficlavis* Marseul, 1853**

28(26'). Lateral punctures of pronotum present on the entire lateral margin; prosternal keel and process broader; presence of a large glandular opening posterad to the metacoxae(Fig: 53)(DOMINICAN REPUBLIC)……...…….……...……***Omalodes* (*O.*) *sp. nov.* A**

28'(26'). Lateral punctures of pronotum absent on the posterior third; prosternal keel and process slender; absence of a large glandular opening posterad to the

metacoxae(Fig:54)(DOMINICAN
REPUBLIC)……..……...***Omalodes* (*O.*) *sp. nov.* B**

29(25'). Frontal stria rounded; lateral punctures of pronotum absent on the posterior third, stronger anteriorly; large superficial impression on the prosternal process absent(Fig: 42)(PANAMA, VENEZUELA)……...…….…..….***Omalodes* (*O.*) *praevius* Marseul, 1861**

29'(25'). Frontal stria transversal; lateral punctures of pronotum present on the entire lateral margin; large superficial impression on the prosternal process present(Fig: 18)(FRENCH GUIANA, BOLIVIA)…….....….***Omalodes* (*O.*) *depressisternus* Marseul, 1853**

30(24'). Frontal stria curved towards the epistoma medially (Fig: 25D)……....**31**

30'(24'). Frontal stria not curved towards the epistoma, usually complete straight or curved inward (Fig: 22D)……...……..……....**38**

31(30). Elytra with a series of short striae on the posterior margin; carinal stria of prosternum present; marginal mesoventral stria complete (sometimes slightly interrupted medially)…...**32**

31'(30). Elytra without a series of short striae on the posterior margin; carinal stria variable; marginal mesoventral stria variable (usually widely interrupted medially) (Figs:25A, 25B, 32B)...……...……....**34**

32(31). Frons with a strong longitudinal sulcus…….……..……**33**

32'(31). Frons with a weak longitudinal sulcus, somewhat concave medially (BRAZIL)……..……..…....***Omalodes* (*O.*) *marseuli* Schmidt, 1889**

33(32). 3rd dorsal stria complete, sides slightly irregular; pygidium completely covered with strong punctures (CHILE)…..……....….***Omalodes* (*O.*) *intermedius* (Lewis, 1907)**

33'(32). 3rd dorsal stria limited to the anterior half; pygidium with weaker punctures, absent on the posterior third (URUGUAY)…..……***Omalodes* (*O.*) *ebeninus* Erichson, 1834**

34(31). Propygidium with a pair of strong foveae or impressions on the posterior half (Fig: 25E, 32E)……..……....**35**

34'(31). Propygidium without any foveae or impressions (sometimes with a very superficial impression on each side on the posterior half) (Fig: 31E)….……...……..….**36**

35(34). Sutural stria of elytra continuous on the posterior half; carinal striae indicated on the posterior third (mostly on the prosternal process); marginal mesoventral stria complete(Fig: 32)(BOLIVIA, PERU)…..…….……***Omalodes* (*O.*) *mazuri* Moura & Almeida, 2013**

35'(34). Sutural stria usually absent, when present indicated by aligned punctures on the posterior third or sixth; carinal stria absent; marginal mesoventral stria interrupted, indicated only at the angles(Fig: 25)(PANAMA, TRINIDAD & TOBAGO, COLOMBIA, VENEZUELA, BRAZIL, FRENCH GUIANA, PERU, BOLIVIA, PARAGUAY, ARGENTINA)…….……***Omalodes* (*O.*) *foveola* Erichson, 1834**

36(34'). Lateral punctures of pronotum absent (Fig: 48A)……...……..….**37**

36'(34'). Lateral punctures of pronotum weakly indicated, on the entire lateral margin(Fig: 31)(FRENCH GUIANA, SURINAME, GUYANA, ECUADOR, BRAZIL, PERU, BOLIVIA)….……...……***Omalodes* (*O.*) *lucidus* Erichson, 1834**

37(36). 3rd dorsal elytral stria continuous on the anterior half, indicated by punctures on the posterior half; sutural stria indicated by punctures on the posterior third; a few irregularly distributed punctures near the apex of elytra, between 3rd and sutural striae(Fig: 48)(FRENCH GUIANA, BRAZIL)…….…….…….***Omalodes* (*O.*) *seriatus* Schmidt, 1889**

37'(36). 3rd dorsal elytral stria only present on the anterior half; sutural stria absent; elytra without any punctures near the apex, sometimes with a few punctures near the apex of 3rd dorsal stria(Fig: 37)(COLOMBIA)……..…….…...***Omalodes* (*O.*) *obliquistrius* Lewis, 1908**

38(30'). Lateral margin of pronotum somewhat rugose, with a complete lateral stria, slightly distant from the lateral margin (BRAZIL)……..***Omalodes* (*O.*) *laceratus* Marseul, 1853**

38'(30'). Lateral margin of pronotum not rugose or irregular, with the lateral stria close to the lateral margin……..……..……**39**

39(38'). Elytra slightly elevated in the position of the 4th and 5th dorsal striae (Fig: 22)(FRENCH GUIANA, BRAZIL)……..**.....**….***Omalodes* (*O.*) *faustus* Erichson, 1834**

39'(38'). Elytra without elevations in the position of the 4th and 5th dorsal striae (Fig: 14A)……..…….……...**40**

40(39'). Frontal stria with a curvature on each side towards the epistoma; marginal mesoventral stria absent(Fig: 14)(BRAZIL).....***Omalodes* (*O.*) *cerqueirae* Desbordes, 1919**

40'(39'). Frontal stria without curvatures towards the epistoma on each side; marginal mesoventral stria present on the angles (Figs: 8D, 12D)…...……..…....**41**

41(40'). Lateral punctures of pronotum limited to approximately the anterior half (Fig: 12A)……...……...**42**

41'(40'). Lateral punctures of pronotum present on the entire lateral margin (Fig: 38A)…...**43**

42(41). Carinal striae of prosternum present (weakly indicated, only medially on the prosternal keel)(Fig: 12)(BRAZIL)….……...….***Omalodes* (*O.*) *bisulcatus* Desbordes, 1919**

42'(41). Carinal striae of prosternum absent; propygidium usually with a very superficial impressions on the posterior half, one on each side near the sides(Fig: 8)(BRAZIL, PARAGUAY, ARGENTINA)…….…….....***Omalodes*(*O.*) *angulatus* (Fabricius, 1801)**

43(41'). Propygidium with a pair of strong foveae on the posterior half (MARQUESAS ISLANDS).……..…..***Omalodes* (*O.*) *marquisicus* Marseul, 1853**

43'(41'). Propygidium without foveae on the posterior half (sometimes with a pair of superficial impressions) (Figs: 38E, 39E)...…….……....**44**

44(43'). Propygidium with strong punctures limited to one circular area on each side; pygidium with a smooth area anteriorly (sometimes with the punctures limited to the sides) (Figs: 38E, 39E).……..……**45**

44'(43'). Propygidium with the punctures covering a larger portion of the structures; pygidium completely covered by strong punctures (Fig: 44E)……..……....**46**

45(44). Lateral punctures of pronotum weaker on the posterior half; pygidium with punctures limited to the sides, smooth medially(Fig: 38)(BRAZIL, PARAGUAY, ARGENTINA) ……..***Omalodes* (*O.*) *omega* (Kirby, 1818)**

45'(44). Lateral punctures of pronotum weaker on the posterior third; pygidium with a semi-circular smooth area medially on the anterior half(Fig: 39)(BRAZIL) ……..……..…***Omalodes* (*O.*) *optatus* Lewis, 1911**

46(44'). Outer subhumeral stria only absent on the anterior third; inner subhumeral stria indicated on the posterior half; propygidium with a semi-circular smooth area on the anterior half(Fig: 23)(ARGENTINA ……..……...…..……***Omalodes* (*O.*) *felix* Lewis, 1900**

46'(44'). Outer subhumeral stria indicated on the posterior third; inner subhumeral stria absent; propygidium covered by strong punctures, sparse medially, more coarse on the posterior half(Fig: 44)(MEXICO, NICARAGUA, COSTA RICA, PANAMA, VENEZUELA, BRAZIL)…..…..……..…***Omalodes* (*O.*) *punctistrius* Marseul, 1853**

47(7'). Frons concave or slightly concave (Fig: 24D)……..……....…**48**

47'(7'). Frons flat or slightly impressed medially……..…….**51**

48(47). Outer subhumeral stria complete; apical stria of elytra always absent(Fig: 24)(FRENCH GUIANA, BRAZIL)....…….…....***Omalodes* (*O.*) *fortunatus* Lewis, 1898**

48'(47). Outer subhumeral stria shortened on part of its length (either apically or basally); apical stria variable……..……..…….……..**49**

49(48'). Outer subhumeral stria only present on the anterior third; apical stria present..……..……..**50**

49'(48'). Outer subhumeral stria only absent on the anterior third; apical stria absent (MEXICO)…….……..…...***Omalodes* (*O.*) *vapulo* Marseul, 1861**

50(49). Elytra with 1st, 2nd and 3rd dorsal striae indicated by punctures on the posterior margin; apical stria present, connected to the inner subhumeral stria (CUBA).……..***Omalodes* (*O.*) *souloquii* Marseul, 1861**

50'(49). Elytra with 1st and 2nd dorsal striae complete, 3rd dorsal stria interrupted; apical elytral stria weakly indicated (CUBA) ……...……***Omalodes* (*O.*) *laevigatus* (Quensel, 1806)**

51(47'). Frons flat (Fig: 47D)……..…….……**55**

51'(47'). Frons medially impressed (Figs: 13D, 19D)…….……...…….**52**

52(51'). Pronotum smooth, without lateral punctures (Fig: 28A)……..…..**53**

52'(51'). Pronotum with strong punctures on the entire lateral margin, stronger on the anterior half(Fig: 19)(FRENCH GUIANA)…….……..***Omalodes* (*O.*) *extorris* Marseul, 1853**

53(52). Meso-metaventral stria strongly curved towards the prosternum medially; propygidium with strong, coarser punctures, with a small transverse smooth area on the anterior margin(Fig: 13)(BOLIVIA)…..……***Omalodes* (*O.*) *brevisternus* Schmidt, 1893**

53'(52). Meso-metaventral stria not strongly curved towards the prosternum medially (sometimes only slightly curved towards the prosternum); propygidium with more sparse punctures or covered with weak irregularly distributed punctures (Figs: 28B, 28E)…..…...**54**

54(53'). Anterior pronotal angles with a wide superficial impression; propygidium without foveae or impressions and covered by weak irregularly distributed punctures(Fig: 28)(COLOMBIA)…….……..……***Omalodes* (*O.*) *humerosus* Schmidt, 1889**

54'(53'). Anterior pronotal angles without any impressions; propygidium with a superficial impression on each side, on the posterior half, covered by sparse strong punctures(Fig: 21)(COLOMBIA, VENEZUELA, ECUADOR)……...….***Omalodes* (*O.*) *fassli* Bickhardt, 1911**

55(51). Apical stria of elytra present (either complete or only on the outer 3rd) (Fig: 34E)……..…….……...**56**

55'(51). Apical stria of elytra absent (Fig: 40E)……..……...….**57**

56(55). Apical stria only present on the outer 3rd of elytra; propygidium with weak punctures limited to the lateral angles(Fig: 34)("Cazadero" MEXICO?) ……...……***Omalodes* (*O.*) *mestino* Lewis, 1904**

56'(55). Apical stria complete; propygidium without any punctures on its surface ("Guadaloupe")…..…..…….……***Omalodes* (*O.*) *laevinotus* Marseul, 1853**

57(55'). Propygidium and pygidium completely smooth; propygidium with a fovea on each side on the posterior half(Fig: 40)(GUATEMALA, NICARAGUA, COSTA RICA, PANAMA, COLOMBIA, ECUADOR)..……..…....***Omalodes* (*O.*) *perpolitus* Schmidt, 1893**

57'(55'). Propygidium and pygidium with punctures on at least part of its surface, never completely smooth (Figs: 41E, 26E)..……..…...**58**

58(57'). Outer subhumeral stria long, only absent on the anterior 4th (sometimes on the anterior third)(Fig: 41)(BRAZIL)……..…..…..*Omalodes* **(*O.*) *planifrons* Marseul, 1853**

58'(57'). Outer subhumeral stria only present on the posterior half (Fig: 46C)…….….**59**

59(58'). Propygidium completely covered with strong, coarse punctures (Fig: 46E)…...…**60**

59'(58'). Propygidium more or less covered by punctures, usually limited to a smaller portion of the structure or more sparse, never completely covering the structure with strong, coarse punctures (Figs: 16E, 26E, 51E).……..……...**61**

60(59). Lateral punctures of pronotum slightly stronger, more coarse; lateral mesoventral punctures present(Fig: 46)(BRAZIL, BOLIVIA) …….....….*Omalodes* **(*O.*) *rivus* Moura & Almeida, 2013**

60'(59). Lateral punctures of pronotum weaker, more sparse; lateral punctures of mesoventrite absent(Fig: 49)(TRINIDAD & TOBAGO) ……..……*Omalodes* **(*O.*) *simplex*Lewis, 1908**

61(59'). Prosternal lobe slightly truncated medially; propygidium completely covered by weak, sparse punctures(Fig: 16)(MEXICO, HONDURAS, NICARAGUA, COSTA RICA, PERU) ……..…….……..…….*Omalodes* **(*O.*) *clavulus* Lewis, 1888**

61'(59'). Prosternal lobe rounded; propygidium with variable punctures, usually strong (Fig: 26B, 26E)…..……...…….…**62**

62(61'). Propygidium with the punctures limited to a circular area on each side medially(Fig: 26)(MEXICO, GUATEMALA, HONDURAS, NICARAGUA, COSTA RICA, PANAMA, VENEZUELA, COLOMBIA, FRENCH GUIANA, BRAZIL, PERU, BOLIVIA, PARAGUAY)……...…….……..…….*Omalodes* **(*O.*) *gagatinus* Erichson, 1847**

62'(61'). Propygidium with punctures covering a larger portion of the structure, never limited to a circular area on each side (Figs: 47E, 51E)…….....……...**63**

63(62'). Propygidium with a large smooth area on the anterior and posterior margins, the punctures limited to the sides and joining medially (this medial connection variable)(Fig: 51)(MEXICO, GUATEMALA, HONDURAS, COSTA RICA, PANAMA, VENEZUELA, FRENCH GUIANA, ECUADOR, BRAZIL, PERU) ……...…….*Omalodes* **(*O.*) *sobrinus* Erichson, 1834**

63’(62’). Propygidium almost completely covered by punctures, except for a small horizontal smooth area on the anterior and posterior margins (Fig: 47E)……....**64**

64(63’). Prosternal process with a large superficial impression medially(Fig: 47)(BRAZIL) ……...……..……*Omalodes* **(*O.*) *serenus* Erichson, 1834**

64’(63’). Prosternal process without a large superficial impression medially(Fig: 9)(MEXICO, GUATEMALA, HONDURAS, COSTA RICA, PANAMA, VENEZUELA, GUYANA, FRENCH GUIANA, ECUADOR, BRAZIL) ……..….....……..*Omalodes* **(*O.*) *anthracinus* Marseul, 1853**

3.4 Taxonomic revision of *Omalodes* (*Omalodes*)

***Omalodes* (*O.*) *amazonius* Marseul, 1861**

Figs:7A-E, 59A, 63A, 67A.

Omalodes amazonius Marseul, 1861:181.
Homalodes amazonius: Gemminger & Harold, 1868:763.
Omalodes striatipectus: Lewis, 1900:229; Bickhardt, 1910:32.
Omalodes (*Omalodes*) *amazonius*: Bickhardt, 1910:32; Desbordes, 1919:44, 59; Blackwelder, 1944:182; Mazur, 1984:222; Mazur, 2011:72.
Homalodes amazonicus: Mazur, 1997:85 [*sic.*].
Omalodes (*Omalodes*) *amazonicus*: Mazur, 1997:85 [*sic.*].

Type material: One specimen (Holotype) deposited on the Muséum National d’Histoire Naturelle (MNHN) with the following labels: “{green round label} *Omalodes*; *amazonius*; Amazon [m]; Wallace [60]; [illegible] / {white rectangular label} [J] [28C] *Omalodes*; *amazonius* [m]; Amazon [60]; Wallace [Juk] / {white rectangular label} Amazon; Wallace / {white rectangular label, red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90” (type material study based on pictures).

Diagnosis: Frons covered with strong punctures and with a medial fovea (Fig: 7D); lateral punctures of pronotum present on the entire lateral margin, stronger on the anterior half (Fig: 7A); 1st and 2nd dorsal striae with aligned punctures on the posterior third (Fig: 7A); prosternal keel with complete carinal striae (Fig: 7B).

Redescription.*Size range*: length: 6.5–7.4 mm, width: 5.4–6.6 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with strong punctures, with a well delimited medial fovea and a superficial longitudinal sulcus from the epistoma to the fovea; frontal stria rounded, complete. ***Pronotum*:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin, strong on the anterior half, weak on the posterior half. ***Elytra*:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria indicated by punctures at the posterior third; 1st dorsal stria strongly indicated, slightly shortened anteriorly (about 1/10 of its total length), indicated by punctures on the posterior half; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length), indicated by punctures on the posterior third; 3rd dorsal stria weakly indicated on the anterior half, interrupted and indicated by punctures on the posterior sixth; 4th and 5th dorsal stria absent; sutural stria indicated by punctures at the posterior sixth; apical stria absent; a few irregularly distributed punctures close to the posterior margin, between 3rd and sutural striae. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with strong punctures medially, carinal striae of prosternal keel present, divergent anteriorly and posteriorly, closer medially; prosternal process rounded. ***Mesoventrite*:** marginal stria of mesoventrite interrupted, visible only at the angles; lateral punctures present; mesometaventral stria sometimes slightly curved towards prosternum medially, otherwise straight, mesometaventral suture visible along its length. ***Abdomen*:** propygidium with denser and more regularly distributed punctures on the posterior half, lateral and anterior margin, sparser and more irregular distributed on the middle of the anterior half; pygidial punctures strong, regularly distributed, with a superficial fovea on the anterior angles. ***Male genitalia*:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with a irregular basal emargination; ninth tergite with a small apical emargination; tenth tergite with continuous sclerotization medially, non sclerotized on the base and apex, only slightly on the base, sides rounded; aedeagus elongated, base of parameres slightly emarginated medialy on dorsal and ventral view, apex slightly rounded almost truncated, parallel sided.

Distribution:COSTA RICA, PANAMA, PERU, BRAZIL.

Remarks: This species is quite similar to *Omalodes* (*O.*) *bifoveolatus*.Both species have a round frontal stria with a well delimited medial fovea and complete carinal striae. However, it

lacks the pronotal fovea present on the second species.Also, this species exhibits a few aligned punctures on the posterior half and posterior third of the 1st and 2nd elytral striae respectively, while in *Omalodes* (*O.*) *bifoveolatus* both striae are continuous (it is important to note that on the 2nd species the posterior third of both striae are somewhat irregular, resembling large punctures more or less fused together).

Observations: The inner subhumeral, 1th and 2nd dorsal striae are variable.The first one is shorter in a few specimens or rarely absent.The 1th and 2nd dorsal striae are usually indicated by punctures on the posterior half and third, respectively, but a few specimens have a smaller portion of the stria indicated by punctures (the posterior third and sixth respectively). The propygidium rarely exhibits a superficial impression on each side on the posterior half. The foveae present on the pygidium are usually weak; only a few specimens have strong foveae on the anterior angles.

Additional material: APPENDIX I: pg. 245.

***Omalodes* (*O.*) *angulatus* (Fabricius, 1801)**
Figs: 8A-E, 59B, 63B, 67B.

Hister angulatus Fabricius, 1801:85.
Omalodes angulatus: Erichson, 1834:118; Marseul, 1853:508.
Homalodes angulatus: Gemminger & Harold, 1868: 763; Mazur, 1997: 85.
Omalodes (*Omalodes*) *angulatus*: Bickhardt, 1910:32; Desbordes, 1919:51, 59; Blackwelder, 1944:182; Mazur, 1984: 222; Mazur, 1997: 85; Mazur, 2011:72.

Type material: The type material of this species could not be studied.However, it is probably deposited in the Museum für Naturkunde der Humboldt - Universität, Berlin, Germany (ZMHB).

Diagnosis: Frons with a strong longitudinal sulcus medially (Fig: 8D); frontal stria rounded (Fig: 8D); lateral punctures of pronotum indicated on the anterior half (Fig: 8A); propygidium covered by punctures on the posterior half, lateral and anterior margin, punctures almost absent on the middle of the anterior half (Fig: 8E).

Redescription. ***Size range*****:** length: 6.7–8.2 mm, width: 5.6–7.3 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a longitudinal sulcus from the epistoma to the middle of the frons; frontal stria rounded, complete, usually curved inward. ***Pronotum*****:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria slightly shortened on the posterior angles; lateral punctures of pronotum present on the anterior half, stronger on the angles, weaker towards the middle. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral absent; 1st dorsal stria complete, strongly indicated on the first 2/3, weakly indicated on the posterior third; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length), continuous in the middle and interrupted on the posterior third, usually with a puncture on the posterior margin; 3rd dorsal stria only weakly indicated on the anterior half; 4th and 5th dorsal stria absent; sutural stria absent; apical stria absent. ***Prosternum*****:**prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria slightly curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium with denser and more regularly distributed punctures on the posterior half, lateral and anterior margin, almost absent from the middle of the anterior half, with a pair of superficial impressions on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a fovea on the anterior angles. ***Male genitalia*****:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with a pair of basal emarginations; ninth tergite without apical emargination; tenth tergite with interrupted sclerotization, with one sclerotized area on each side, closer medially, sides rounded; aedeagus elongated, base of parameres slightly emarginated on dorsal view, widely emarginated in ventral view, apex truncated, parallel sided.

Distribution: BRAZIL, PARAGUAY, ARGENTINA.

Remarks: The propygidium punctures somewhat resembles that of *Omalodes* (*O.*) *amazonius*.However, this species has a wider area with sparser or non present. It also resembles *Omalodes* (*O.*) *bisulcatus* since both species have the lateral punctures of pronotum limited to the anterior half.However, the second species has a pair of carinal striae, while this species have a smooth prosternal keel, without striae or punctures medially.

Observations: This species closely resembles *Omalodes* (*O.*) *bisulcatus* except for one major external character, the absence of prosternal carinal stria in this species. Both species have similar traits and a overlapping distribution. Unfortunately it was not possible to study the male genitalia of *Omalodes* (*O.*) *bisulcatus*, so a more comprehensive study comparing both species was not possible, therefore no new synonym is proposed.

Additional material: APPENDIX I: pg. 246.

***Omalodes* (*O.*) *anthracinus* Marseul, 1853**

Figs: 9A-E, 59C, 63C, 67C.

Omalodes anthracinus Marseul, 1853:533.
Homalodes anthracinus: Gemminger & Harold, 1868:763; Mazur, 1997:85.
Omalodes (*Omalodes*) *anthracinus*:Bickhardt, 1910:32; Desbordes, 1919:53, 61; Blackwelder, 1944:182; Mazur, 1984:222; Mazur, 1997:85; Mazur, 2011:73.

Type material: One specimen deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{green round label} [26]; *Omalodes*; *anthracinus*; [Venez] / {white rectangular label, red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90" here designated **LECTOTYPE** of the species; another specimen from the same museum with the following labels: "{green round label} [26]; *Omalodes*; *anthracinus*; [Venez] / {white rectangular label, red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90" here designated **PARALECTOTYPE**(type material study based on pictures).

Diagnosis: Frons flat or with a weak medial impression (Fig: 9D); pronotum with weak lateral punctures, present on the entire lateral margin (Fig: 9A); outer subhumeral stria present on the posterior half (Fig: 9C); propygidium covered with strong punctures, sometimes with a smooth horizontal area on the anterior and posterior margins (Fig: 9E).

Redescription.*Size range*: length: 4.75–5.8 mm; width: 4–5.1 mm. ***Body form*:** body oval, convex. ***Head*:** Frons covered with weak punctures, flat or with a weak medial impression;

frontal stria almost 2x wider than longer, complete, slightly curved inward medially. ***Pronotum*:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete, slightly curved towards the middle of the posterior margin; lateral punctures of pronotum weak, present on the entire lateral margin. ***Elytra*:** outer subhumeral stria continuous, present at the posterior half; inner subhumeral absent; 1st dorsal stria shortened anteriorly (about 1/6 of its total length), stronger on the anterior half, weaker towards the posterior margin; 2nd dorsal stria shortened anteriorly (about 1/6 of its total length), strongly indicated on the anterior half, weaker on the posterior half (sometimes absent or indicated by a series of punctures); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal stria absent; sutural stria usually absent; apical stria absent. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria slightly curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*:** propygidium covered with strong punctures sometimes with a small horizontal smooth area on the anterior and posterior margin, without impressions or foveae; pygidial punctures strong, regularly distributed, with a superficial fovea on the anterior angles. ***Male genitalia*:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with a superficial basal emargination; ninth tergite without apical emargination; tenth tergite with interrupted sclerotization, with one sclerotized area on each side, sides rounded; aedeagus elongated, base of parameres slightly emarginated on dorsal view, straight in ventral view, apex rounded, parallel sided.

Distribution:MEXICO, GUATEMALA, HONDURAS, COSTA RICA, PANAMA, VENEZUELA, GUYANA, FRENCH GUIANA, ECUADOR, BRAZIL.

Remarks: This species, along with *Omalodes* (*O.*) *gagatinus*, *Omalodes* (*O.*) *sobrinus* and *Omalodes* (*O.*) *serenus* all possess a flat (or almost flat) frons; weak lateral punctures on the pronotum and outer subhumeral stria present on the posterior half.The main differences between all species are the punctures of the propygidium: while*Omalodes* (*O.*) *anthracinus*has the propygidium completely covered with punctures (with a small transverse smooth area on the anterior and posterior margin) the other species have smaller areas of the propygidium covered with punctures.

Observations: Although the sutural stria is usually absent, some specimens present a few punctures on the posterior sixth. This species, along with the others cited in the remarks form a peculiar group, easily differentiated from other species of the genus.However, the distinction between the species of this small group is complicated.The only noticeable differencesin the external morphology are the punctures of the propygidium,in which the degree of variation is small.To prevent erroneous identification of the species, the differences in male genitalia and distribution should be considered as well.

Additional material: APPENDIX I: pg. 248.

***Omalodes* (*O.*) *areolatus* Schmidt, 1889**

Figs: 10A-E.

Omalodes areolatus Schmidt, 1889:363.
Omalodes (*Omalodes*) *areolatus*: Bickhardt, 1910:32; Desbordes, 1919:43, 49, 59; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{white rectangular label} Brasil / {orange square label} Type / {white rectangular label} coll. J. Schmidt / {white rectangular label, with black outer margin and green inner margin} *areolatus*; Schmidt. / {red rectangular label} SYNTYPE; *Omalodes areolatus*; Schmidt, 1889; labelled by MFNB 2014" here designated **LECTOTYPE**; another specimen from the same museum with the following labels: "{white rectangular label} Brasil / {orange rectangular label} Type / {red rectangular label} SYNTYPE; *Omalodes areolatus*; Schmidt, 1889; labelled by MFNB 2014" here designated **PARALECTOTYPE**.

Diagnosis: Frons with a strong medial fovea and a superficial longitudinal sulcus (Fig: 10D); lateral punctures of pronotum present on the entire lateral margin (Fig: 10A); outer subhumeral stria absent on the anterior third (Fig: 10C); propygidium with strong punctures except on a medial circular area on the anterior half (Fig: 10E).

Redescription. ***Size range*:** length: 6.1 mm, width: 4.5 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, with a strong medial fovea and a superficial

longitudinal sulcus from the epistoma to the fovea; frontal stria about 1.5x wider than longer, complete, curved inward reaching the medial fovea. ***Pronotum*:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum strong, present on the entire lateral margin. ***Elytra*:** outer subhumeral stria continuous, absent on the anterior third; inner subhumeral continuous, present on the posterior third; 1st dorsal stria strongly indicated, complete; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length); 3rd dorsal stria weakly indicated on the anterior half, indicated by a few punctures on the posterior sixth; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria slightly curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*:** propygidium covered with strong punctures except for a medial circular area on the anterior half with sparse punctures, without impressions or foveae; pygidial punctures strong, regularly distributed, with a superficial fovea on the anterior angles.

Distribution: BRAZIL.

Remarks: This species is quite peculiar in regards to the genus, it has multiple characters that resembles those of other species but never more than a single characteristic, for example, the length of the outer subhumeral stria of this species resembles that of *Omalodes* (*O.*) *anthracinus* and *Omalodes* (*O.*) *gagatinus* however, when a larger number of characters is taken into account those species are easily differentiated from *Omalodes* (*O.*) *areolatus*.

Observations: The length of the outer subhumeral stria, presence of punctures close to the posterior margin of elytra and length of carinal striae are variable in both the type specimens.In the Lectotype the outer subhumeral stria is absent on the anterior third, the punctures near the posterior margin of elytra are absent and the carinal striae are absent, while in the Paralectotype the outer subhumeral stria is present only on the posterior half, the punctures near the posterior margin of elytra are present and the carinal striae are present on the posterior third.

***Omalodes* (*O.*) *bifoveolatus* Marseul, 1853**

Figs: 11A-E, 59D, 63D, 67D.

Omalodes bifoveolatus Marseul, 1853:510.
Homalodes bifoveolatus: Gemminger & Harold, 1868:763; Mazur, 1997:86.
Omalodes (*Omalodes*) *bifoveolatus*:Bickhardt, 1910:32; Desbordes, 1919:43, 58; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Almeida& Mise, 2009:232, 235; Mise et al., 2010:323; Mazur, 2011:73.

Type material: One specimen deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{green round label} 5; *Omalodes*; *bifoveolatus*; m; Cayenne / {white rectangular label, red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90" here designated**LECTOTYPE** and another 3 specimens from the same museum with the following labels: "{green round label} 5; *Omalodes*; *bifoveolatus*; m; Cayenne / {white rectangular label, red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90" here designated**PARALECTOTYPE**(type material study based on pictures).

Diagnosis: Frons covered with strong punctures and with a medial fovea (Fig: 11D); lateral punctures of pronotum strong, present on the entire lateral margin (Fig: 11A); pronotum with a strong fovea medially, on each side, close to the lateral punctures (Fig: 11A); prosternal keel with complete carinal striae (Fig: 11B).

Redescription. *Size range*: length: 5.8–7.1 mm, width: 4.9–6.4 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with strong punctures, with a well delimited medial fovea and a superficial longitudinal sulcus from the epistoma to the fovea; frontal stria rounded, complete; epistoma slightly convex. ***Pronotum*:** with a strong fovea medially on each side, next to the lateral punctures; anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin, strong on the anterior half, weak on the posterior half. ***Elytra*:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria variable, indicated by puntures at the posterior fifth or absent; 1st dorsal stria strongly indicated, complete, the posterior third somewhat irregular, resembling a series of fused punctures; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length), somewhat irregular on the posterior third; 3rd dorsal stria weakly indicated on the anterior half,

interrupted and indicated by punctures on the posterior sixth; 4th and 5th dorsal stria absent; sutural stria indicated by punctures at the posterior sixth; apical stria absent; a few irregularly distributed punctures close to the posterior margin, between third and sutural striae. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with strong punctures medially, carinal striae of prosternal keel present, divergent anteriorly and posteriorly, closer medially; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures present; mesometaventral stria slightly curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*:** propygidium with denser and more regularly distributed punctures on the posterior half, lateral and anterior margin, sparser and more irregular distributed on the middle of the anterior half, without impressions or foveae; pygidial punctures strong, regularly distributed, with a fovea on the anterior angles. ***Male genitalia*:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite without basal emargination; ninth tergite without apical emargination, broader apically; tenth tergite subtriangular, slightly non sclerotized on the basal and apical margin; aedeagus elongated, base of parameres straight in dorsal and ventral view, apex rounded, parallel sided.

Distribution:TRINIDAD & TOBAGO, SURINAME, FRENCH GUIANA, BRAZIL, ECUADOR, PERU, BOLIVIA, PARAGUAY.

Remarks: This species is similar to *Omalodes* (*O.*) *amazonius*.However, it differs from it by the presence of foveae medially on the pronotum, one on each side close to the lateral punctures; 1st and 2nd dorsal striae continuous on the posterior third (although the posterior third in this species is somewhat irregular, resembling a series of strong punctures fused together). Other than this species there are only two others species in the genus with fovea on the pronotum, *Omalodes* (*O.*) *foveipennis* and *Omalodes* (*O.*) *mazuri*, however in those species the foveae are either weak or extremely variable in number and position.

Observations: The carinal striae of the prosternum are variable in this species.Most of the specimens possess strong and complete striae, but a few have the striae weaker or completely absent.When present but weak the stria can also vary in its length, being complete or present only in a small portion of the prosternal keel.

Additional material: APPENDIX I: pg. 250.

***Omalodes* (*O.*) *bisulcatus* Desbordes, 1919**

Figs: 12A-E.

Omalodes bisulcatus Desbordes, 1919: 43, 56, 59.
Omalodes (*Omalodes*) *bisulcatus*: Blackwelder, 1944: 182; Mazur, 1984: 223; Mazur, 1997: 86; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{white rectangular label} Sa Paulo / {white rectangular label} *Omalodes*; *bisulcatus*; H. Desbordes ~~det.~~ / {red rectangular label} TYPE; Unique"(type material study based on pictures).

Diagnosis: Frons with a medial longitudinal sulcus (Fig: 12D); lateral punctures of pronotum present on the anterior half (Fig: 12A); carinal striae of the prosternal keel weak, present medially (Fig: 12B); propygidium covered with strong punctures except for a small area medially on the anterior half with more sparse punctures (Fig: 12E).

Redescription. ***Size range*:** length: 6.6 mm, width: 5.4 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, with a medial longitudinal sulcus from the epistoma to the middle of the frons; frontal stria rounded, complete, slightly curved inward. ***Pronotum*:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria slightly shortened on the posterior margin; lateral punctures of pronotum present on the anterior half, stronger on the angles, weaker towards the middle. ***Elytra*:** outer subhumeral stria continuous, present at posterior third; inner subhumeral stria absent; 1st dorsal stria strongly indicated, shortened anteriorly (about 1/10 of its total length); 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length); 3rd dorsal stria weakly indicated on the anterior half, interrupted and indicated by punctures on the posterior sixth; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel present only in the middle of the structure; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria absent, mesometaventral suture straight. ***Abdomen*:**

propygidium with denser and more regularly distributed punctures on the posterior half, lateral and anterior margin, sparser and more irregular distributed on the middle of the anterior half, without any impression or fovea on the posterior half; pygidial punctures strong, regularly distributed, without a fovea on the anterior angles.

Distribution: BRAZIL.

Remarks: This species resembles *Omalodes* (*O.*) *angulatus*, which also has a medial longitudinal sulcus on the frons and the lateral puntures of the pronotum limited to the anterior half.However,*Omalodes* (*O.*) *bisulcatus* has weak carinal stria medially while *Omalodes* (*O.*) *angulatus* doesn't have any indication of carinal striae. There are only three other species with weak carinal striae (*Omalodes* (*O.*) *consanguineus*, *Omalodes* (*O.*) *mazuri* and *Omalodes* (*O.*) *mestino*).However, this is the only species with the striae present only medially, the others have the striae present either on the posterior half or posterior third.

Observations: The species is represented by a single type specimen, collected in Sa Paulo (probably the specimen was collected in São Paulo, Brazil). This species known distribution is similar to *Omalodes* (*O.*) *angulatus*, which is the southeastern region of South America. Considering this information, it is possible to assume a close relationship (Chapter I) between those species.

***Omalodes* (*O.*) *brevisternus* Schmidt, 1893**

Figs: 13A-E.

Omalodes brevisternus Schmidt, 1893:10.
Omalodes (*Omalodes*) *brevisternus*: Bickhardt, 1910:32; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{white rectangular label} *brevisternus*; Schm. / {white rectangular label} *brevisternus*; Bolivia m / {white rectangular label} coll. J. Schmidt / {orange square label} Type / {red rectangular label} SYNTYPUS; *Omalodes brevisternus*; Schmidt, 1893; labelled by MNHUB 2009".

Diagnosis: Frons with a medial impression (Fig: 13D); lateral punctures of pronotum absent (Fig: 13A); 1st, 2nd and 3rd dorsal stria of elytra weak, absent on the posterior half (Fig: 13A); mesometaventral stria curved towards prosternum medially, almost reaching the anterior margin of mesoventrite (Fig: 13B); propygidium with a small horizontal smooth area on the anterior margin (Fig: 13E).

Redescription. ***Size range*****:** length: 5.2 mm, width: 4.5 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a superficial medial impression; frontal stria weakly indicated, about 1,5x wider than longer, complete, slightly curved inward. ***Pronotum*****:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum absent. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria weakly indicated, continuous on the anterior half; 2nd dorsal stria weakly indicated, shortened anteriorly continuous until the middle of the elytra; 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal stria absent; sutural stria absent; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria curved towards prosternum medially, almost reaching the anterior margin, mesometaventral suture weakly visible, following the stria. ***Abdomen*****:** propygidium almost completely covered with punctures, except for a small horizontal area on the anterior margin, with a pair of superficial impressions on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a wide superficial impression on the anterior angles.

Distribution: BOLIVIA.

Remarks: One species closely resembles *Omalodes* (*O.*) *brevisternus*, *Omalodes* (*O.*) *consanguineous*.Both have a smooth pronotum and a horizontal smooth area on the anterior margin of the propygidium.However, the punctures of the propygidium are more sparse on the second species. Also, although the 1st and 2nd dorsal striae of *Omalodes* (*O.*) *consanguineus* are weak, they are not as short as the ones present in this species, and the

mesometaventral stria of *Omalodes* (*O.*) *brevisternus*is quite peculiar for the genus, presenting a strong curvature towards the anterior margin of the mesosternum (Fig: 13B).

Observations: It is important to note that this species is the only one in the genus with this particular degree of curvature in the mesometaventral stria, there are quite a few species in the genus with some degree of curvature in this stria.However, none as strong or with the same shape as the one in this species.

***Omalodes* (*O.*) *cerqueirae* Desbordes, 1919**

Figs: 14A-E.

Omalodes cerqueirae Desbordes, 1919:44, 59.
Omalodes (*Omalodes*) *cerqueirae*: Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{white rectangular label} *Omalodes*; *cerqueirae*, n. sp.; H. Desbordes desc. 1919 / {red rectangular label} TYPE; Unique / {white rectangular label} MUSEUM PARIS; BRÉSIL; M^{me} Cerqueira 1903"(type material study based on pictures).

Diagnosis: Frontal stria with a curvature on each side towards the epistoma (Fig: 14D); lateral punctures of the pronotum present only on the anterior half (Fig: 14A); marginal stria of mesoventrite absent (Fig: 14B); propygidium with strong punctures limited to the lateral angles, and a pair of foveae on the posterior half, on each side (Fig: 14E); pygidium with a large impression on each side on the posterior half (Fig: 14E).

Redescription. ***Size range*:** length: 7.2 mm, width: 6 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, with a longitudinal sulcus from the epistoma to the middle of the frons, wider close to the epistoma; frontal stria about 1,5x wider than longer, complete, with a curvature on each side towards the epistoma, slightly curved inward medially. ***Pronotum*:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the anterior third. ***Elytra*:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria

weakly indicated, complete, with a small curvature right after the humeral calus; 2nd dorsal stria weakly indicated, shortened anteriorly (about 1/8 of its total length); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria absent; lateral punctures absent; mesometaventral stria absent, mesometaventral suture visible along its length, almost straight. ***Abdomen*:** propygidium with strong punctures limited to the lateral angles, with a fovea on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a fovea on the anterior angles and a large impression on each side, on the posterior half.

Distribution: BRAZIL.

Remarks: This species, along with*Omalodes* (*O.*) *angulatus* and *Omalodes* (*O.*) *bisulcatus*, has the lateral pronotal punctures limited to the anterior half.However, it differs from both species by the shape of its frontal stria, lack of a marginal stria of mesoventrite and by the propygidium with its punctures limited to the lateral angles. It also resembles *Omalodes* (*O.*) *gagatinus* with the punctures of the propygidium limited to the lateral angles.However, in *Omalodes* (*O.*) *gagatinus* those punctures present a more regular distribution, forming a circular area on each side, while in *Omalodes* (*O.*) *cerqueirae*they are more irregularly distributed on the sides.

***Omalodes* (*O.*) *chapadae* Lewis, 1908**

Figs: 15A-E.

Omalodes chapadae Lewis, 1908:143.
Omalodes (*Omalodes*) *chapadae*: Bickhardt, 1910:33; Desbordes, 1919:49, 62; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the British Museum of Natural History (BMNH) with the following labels: "{white round label, red margin} Type / {white rectangular label} Chapada / {white rectangular label} George Lewis Coll.; B. M. 1926-369 / {white rectangular label} *Omalodes*; *chapadae*; Type Lewis / {white rectangular label} ab. seg. I; rugoses; punctured".

Diagnosis: Frons with a medial fovea and a superficial sulcus from the epistoma to the fovea (Fig: 15D); lateral punctures of pronotum weak, present on the entire lateral margin (Fig: 15A); outer subhumeral stria only absent on the anterior third (Fig: 15C); dorsal elytral striae indicated by a series or aligned punctures (Fig: 15A); 1st abdominal ventrite covered with strong punctures (Fig: 15B); propygidium with a strong fovea on each side, on the posterior half (Fig: 15E).

Redescription. ***Size range*****:** length: 4.8 mm, width: 4.2 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a well delimited medial fovea and a superficial longitudinal sulcus from the epistoma to the fovea; frontal stria slightly wider than longer, complete, curved inward towards the medial fovea. ***Pronotum*****:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete, slightly curved towards the middle of the posterior margin; lateral punctures of pronotum weak, present on the entire lateral margin. ***Elytra*****:** outer subhumeral stria continuous, only absent on the anterior third; inner subhumeral stria indicated by puntures at the posterior half; 1st dorsal stria indicated by a series of aligned punctures, complete, with a small curvature right after the humeral calus; 2nd dorsal stria indicated by a series of aligned punctures, shortened anteriorly (about 1/10 of its total length), with irregular sides; 3rd dorsal stria indicated by a series of aligned punctures, complete; 4thdorsal stria indicated by a series of aligned punctures, complete and 5th dorsal stria indicated by punctures on the posterior third; sutural stria indicated by punctures at the posterior half; apical stria absent; a few irregularly distributed punctures close to the posterior margin, between third and sutural striae. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with strong punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:**marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria slightly curved towards metaventrite medially, mesometaventral suture visible along its length. ***Abdomen*****:**1st abdominal sternite covered with punctures, almost corrugated; propygidium covered with weak punctures, with a strong fovea on each side, on the posterior half; pygidial punctures weak, regularly distributed, with a wide impression on the anterior angles.

Distribution: BRAZIL.

Remarks: This species is extremely similar to *Omalodes* (*O.*) *pulvinatus*, in every external character they are almost identical, except for a few small variations that would probably not symbolize different species.However, a more detailed study of male genitalia coud not be performed on this species.So defining this species as a new synonym for *Omalodes* (*O.*) *pulvinatus* would be premature,therefore this species should be considered as a valid species and special care should be taken when identifying both species, taking into account their known distribution.

Observations: This species is the only species known for the genus without a marginal stria on the mesoventrite. It is important to note that although there isn't a more specific collecting data for the type specimen, it was probably collected in the central part of Brazil, probably in the state of Minas Gerais.

***Omalodes* (*O.*) *clavulus* Lewis, 1888**

Figs: 16A-E, 59E, 63E, 67E.

Homalodes clavulus Lewis, 1888:197.
Omalodes clavulus: Mazur, 1984:223; Mazur, 1997:86.
Omalodes (*Omalodes*) *clavulus*: Bickhardt, 1910:33; Desbordes, 1919:50, 61; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen deposited on the British Museum of Natural History (BMNH) with the following labels: "{white round label, red margin} Type / {white rectangular label} San Isidro,; 1600ft.; Champion. / {white rectangular label} George Lewis Coll.; B. M. 1926-369 / {white rectangular label} *Homalodes*; *clavulus*; Type. Lewis" here designated **LECTOTYPE** and another on the Field Museum of Natural History (FMNH) with the following labels: "{white round label, yellow margin} Paratype / {white rectangular label} San Isidro,; 1600ft.; Champion. / {white rectangular label} *Homalodes*; *clavulus*; Type. Lewis / {white rectangular label} B.C.A., Col., II, (1).; *Homalodes*" here designated **PARALECTOTYPE**.

Diagnosis: Frons flat (Fig: 16D); labrum about 3x wider than long (Fig: 16D); lateral punctures of pronotum weak, present on the entire lateral margin (Fig: 16A); outer

subhumeral stria present on the posterior half (Fig: 16C); propygidium with sparse punctures, stronger on the lateral angles, weaker medially, especially on the anterior half (Fig: 16E).

Redescription. ***Size range*****:** length: 5.2–6.3 mm, width: 4.5–5.3 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, flat; frontal stria about 2x times wider than long, slightly interrupted in the middle, close to the epistoma; labrum subtrapezoidal, almost 3x wider than long. ***Pronotum*****:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria slightly shortened on the posterior margin; lateral punctures of pronotum weak, present on the entire lateral margin. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior half; inner subhumeral stria absent; 1st dorsal stria weakly indicated, shortened anteriorly (about 1/6 of its total length); 2nd dorsal stria weakly indicated, shortened anteriorly (about 1/3 of its total length) and absent on the posterior half; 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria slightly curved towards prosternum on each side medially, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium with few, sparse punctures laterally and posteriorly, the medial portion of the anterior half with weaker sparse punctures, without foveae or impressions; pygidial punctures weak and sparse, with a superficial fovea on the anterior angles. ***Male genitalia*****:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with a regular basal emargination; ninth tergite with a small apical emargination; tenth tergite with continuous sclerotization medially, non sclerotized on the base, widely on the base, sides rounded; aedeagus elongated, base of parameres concave in ventral view, emarginated medialy on dorsal view, apex truncated, parallel sided.

Distribution:MEXICO, HONDURAS, NICARAGUA, COSTA RICA, PERU.

Remarks:*Omalodes* (*O.*) *clavulus* resembles *Omalodes* (*O.*) *gagatinus*, *Omalodes* (*O.*) *anthracinus* and *Omalodes* (*O.*) *serenus* due to its flat frons, weak lateral punctures on the pronotum and outer subhumeral stria present on the posterior half.However, it differs from all specimens by the lateral punctures of the pronotum, which are present in a wider area along

the lateral margin, and by the punctures of the propygidium, which are stronger and more equally dispersed over the surface.These punctures are limited to a smaller portion of the structure in the other species.

Observations: The dorsal elytral striae are weak, almost not visible on the specimens. The lateral punctures of the pronotum cover a wider area than most other species of *Omalodes*, even though they also are sparser than most species. There are two possible type locations for this species, one is San Isidro, Buenos Aires (ARGENTINA) the other is San Isidro, Lima (PERU); considering that the specimens where collected at about 1600 feet it is safer to assume that the type locality is in Peru.

Additional material: APPENDIX I: pg. 253.

***Omalodes* (*O.*) *consanguineus* Marseul, 1853**

Figs: 17A-E.

Omalodes consanguineus Marseul, 1853:527.
Homalodes consanguineus: Gemminger et Harold, 1868:763.
Omalodes (*Omalodes*) *consanguineus*: Bickhardt, 1910:33; Desbordes, 1919:49, 62; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{green round label} *Omalodes*; *consanguineus*; Colombia; [illegible] / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90"(type material study based on pictures).

Diagnosis: Frons with a medial fovea (Fig: 17D); lateral punctures of pronotum absent (Fig: 17A); outer subhumeral stria present on the posterior third (Fig: 17C); prosternum with weak carinal striae, indicated on the posterior third (Fig: 17B); propygidium with strong and sparse punctures, with a small horizontal line without punctures on the anterior margin, the punctures more sparse medially, with a impression on the posterior half, one on each side (Fig: 17E).

Redescription. *Size range*: length: 7.6 mm, width: 6.7 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, with a medial fovea; frontal stria about 1.5x wider

than long, complete, curved inward towards the medial fovea. ***Pronotum*:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum absent. ***Elytra*:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria weakly indicated, shortened anteriorly (about 1/3 of its total length); 2nd dorsal stria weakly indicated, shortened anteriorly and posteriorly (about 1/6 of its total length on both sides); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel weak, present on the posterior third; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, starting a little before the angles medially; lateral punctures absent; mesometaventral stria curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*:** propygidium with strong and sparse punctures, with a small horizontal line without punctures on the anterior margin, the punctures more sparse medially, with a pair of impressions on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a fovea on the anterior angles.

Distribution: COLOMBIA.

Remarks: This species is somewhat similar to *Omalodes* (*O.*) *anthracinus*, in regards to its size and punctures of the propygidium, both of which are similar in the two species.However, almost every other morphological character is different to some extent.Of special note is the difference in their frons.Which is flat in *Omalodes* (*O.*) *anthracinus* and presents a medial fovea in *Omalodes* (*O.*) *consanguineus*; also the lateral punctures of pronotum which are weak and present on the entire lateral margin on the first species and completely absent on the second. It is also important to note that this is one of the four species with weak carinal stria (for a more complete discussion see *Omalodes* (*O.*) *bisulcatus*, (pg: 84)).

***Omalodes* (*O.*) *depressisternus* Marseul, 1853**

Figs: 18A-E, 59F, 63F, 67F.

Omalodes depressisternus Marseul, 1853:537.
Homalodes depressisternus: Gemminger et Harold, 1868:763.

Omalodes (*Omalodes*) *depressisternus*: Bickhardt, 1910:33; Desbordes, 1919:51, 61; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{green round label} 3[0]; *Omalodes*; *depressisternus*; m[illegible]; Cayenne / {white rectangular label, red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90" (type material study based on pictures).

Diagnosis: Frons with a superficial longitudinal sulcus from the epistoma to the middle of the frons, almost flat (Fig: 18D); lateral punctures of pronotum strong on the anterior half, weaker towards the posterior margin (Fig: 18A); prosternal process with a wide medial impression (Fig: 18B); propygidium with strong punctures, somewhat sparse (Fig: 18E).

Redescription. ***Size range*****:** length: 6.1–6.3 mm, width: 5–5.2 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a superficial longitudinal sulcus from the epistoma to the middle of the frons, almost flat; frontal stria about 1.5x times wider than long, complete, slighty curved inward. ***Pronotum*****:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin, weakly indicated. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria indicated by puntures at the posterior sixth; 1st dorsal stria strongly indicated, continuous and indicated by punctures on the posterior fifth; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length), continuous and indicated by punctures on the posterior sixth; 3rd dorsal stria weakly indicated on the anterior half, interrupted and indicated by punctures on the posterior sixth; 4th and 5th dorsal striae absent; sutural stria indicated by punctures at the posterior third; apical stria absent; a few punctures close to the posterior margin, between third and sutural striae, almost "U" shaped. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded with a large medial impression. ***Mesoventrite*****:**marginal mesoventral stria interrupted, starting a little before the angles medially; lateral punctures present; mesometaventral stria slightly irregular, curved towards prosternum, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium covered with strong,

sparse punctures, without any foveae or impressions; pygidial punctures strong, regularly distributed, with a superficial fovea on the anterior angles. ***Male genitalia*:**eighth tergite subrectangular, slightly concave apically, with a pair of anterolateral projections, one on each side; eighth sternite with a irregular basal emargination; ninth tergite without apical emargination; tenth tergite with interrupted sclerotization, with one sclerotized area on each side, closer medially, sides rounded; aedeagus elongated, base of slightly concave in dorsal and ventral view, apex truncated, with a small constriction laterally close to apex.

Distribution: FRENCH GUIANA, BOLIVIA.

Remarks: The punctures of the propygidium present on this species resembles those of *Omalodes* (*O.*) *lucidus*.However,*Omalodes* (*O.*)*depressisternus*differs from the second by the frons with a medial fovea, the lateral punctures of pronotum stronger on the anterior half and by the wide medial impression on the prosternal process. It is also important to note that in a few specimens of *Omalodes* (*O.*) *depressisternus* there are a few punctures aligned in "U" shape between the third and sutural striae.Those punctures are also present in some specimens of *Omalodes* (*O.*) *lucidus.*

Observations: This species has a few punctures aligned between the 3rd and sutural striae.Due to their position they could be mistaken for the 4th and 5th dorsal striae. I believe that they are not related mostly because their position allied with their shape suggests a simple aligment of punctures.

Additional material: APPENDIX I: pg. 254.

***Omalodes* (*O.*) *ebeninus* Erichson, 1834**

Omalodes ebeninus Erichson, 1834:118.
Omalodes ebenninus: Marseul, 1853:529 **(sic.)**.
Hister ebeninus: Dejean, 1837:141.
Omalodes aterrinus: Marseul, 1857:477
Homalodes ebeninus: Gemminger et Harold, 1868:763.
Diplogrammicusebeninus: Lewis, 1907:481.
Omalodes (*Diplogrammicus*) *ebeninus*: Bickhardt, 1910:34;Desbordes, 1919:54, 62; Mazur, 1984:224; Mazur, 1997:89; Mazur, 2011:74.

Type material: The type material of this species could not be studied, however it is deposited in the Museum für Naturkunde der Humboldt - Universität, Berlin, Germany (ZMHB).

Diagnosis: "Oblongus, subdepressus, elytris striisexterne tribus, abdominis segmentis superioribusduobus ultimis dense fortiterque punctatis, tibiisanticis 5-dentatis".(According to Erichson, 1834)

Redescription. ***Size range*****:** length: 9 mm.
"Der vorigen Art nahe verwandt, aber bei ziemlichgleicher Länge schmäler, mit minder stark vorragendenSchulterbeulen u.s.w. Der Kopf ist dicht punktirt, derStirneindruck tief und schmal, den Stirnstreif durchschneidendund fast bis zum untern Rande des Kopfes fortgesetzt.Die Fühler sind schwärzlich. Das Halsschildist sehr flach gewölbt, nach vorn mäfsig verengt, an denSeiten sehr schwach gerundet; auf der ganzen Oberflächesehr dicht und fein punktirt, an den Seiten etwas stärker,besonders nach den Vordorwinkeln zu. Die Flügeldeckensind im Ganzen wenig breiter als das Halsschild,dicht hinter der Wurzel am breitesten und von da nachder Spitze zu sauft verengt, kaum gewölbt, an der Nathetwas niedergedrückt, fein punktirt; die drei innern Rükkenstreifenfehlen gänzlich, der vierte ist sehr schwachund hinter der Mitte verloschen, der fünfte ist ziemlichfein, der sechste noch feiner, besonders auf der hinternHälfte, wo er mit weitläuftigen verloschenen Punkten besetztist. Die beiden letzten obern Hinterleibssegmentesind gleichmäfsig dicht und stark punktirt, nur sind aufdem vorletzten in der Mitte des Vorderrandes die Punkteetwas feiner und weniger dicht. Die Vorderschienensind fünfzähnig, der oberste Zahn jedoch nicht nahe demKnie und nur schwach".(According to Erichson, 1834)

Distribution: URUGUAY (Montevideo). (According to Erichson, 1834)

Observations: This species was previously assisned to in the subgenus *Diplogrammicus*, however in the present work this subgenus is synonymized with *Omalodes s. str.*, therefore this species is redescribed as part of the second subgenus. On its original description Erichson (1834) list the type locality as "Montevideo in Brasilien", while in the past this information was correct, in the present geopolitical division Montevideo is the capital of another country (Uruguay), therefore a small correction is made for the type location of the species.

***Omalodes* (*O.*) *extorris* Marseul, 1853**

Figs: 19A-E.

Omalodes extorris Marseul, 1853:528.
Homalodes extorris: Gemminger et Harold, 1868:763.
Omalodes (*Omalodes*) *extorris*:Bickhardt, 1910:33;Desbordes, 1919:49, 60; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{green round label} 21; *Omalodes*; *extorris* m; Cayenne / {white rectangular label, red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90" (type material study based on pictures).

Diagnosis: Frons with a superficial medial impression (Fig: 19D); lateral punctures of pronotum strong on anterior half, weaker on posterior half (Fig: 19A); outer subhumeral stria absent on the anterior third (Fig: 19C); inner subhumeral stria indicated on the posterior half (Fig: 19C); propygidium almost completely covered with dense, strong punctures, except for a semi-circular area medially on anterior margin (Fig: 19E).

Redescription. *Size range*: length: 7.8 mm, width: 6 mm. ***Body form*:** body oval, slightly elongated, convex. ***Head*:** frons covered with strong punctures, with a superficial medial impression; frontal stria about 1.5x times wider than long, complete, curved inward to the medial impression. ***Pronotum*:** Sides rounded, narrower anteriorly, without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin, strong on the anterior half, weak on the posterior half. ***Elytra*:** outer subhumeral stria continuous, only absent on the anterior third; inner subhumeral stria continuous, present at the posterior half; 1st dorsal stria strongly indicated, complete; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length); 3rd dorsal stria weakly indicated on the anterior half, interrupted and indicated by punctures on the posterior margin; 4th and 5th dorsal striae absent; sutural stria indicated by punctures at the posterior sixth; apical stria absent; a few irregularly distributed punctures close to the posterior margin, between third and sutural striae. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal

striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, starting a little before the angles medially; lateral punctures absent; mesometaventral stria absent, mesometaventral suture straight. ***Abdomen*:** propygidium almost completely covered with dense, strong punctures, except for a semi-circular area medially on the anterior margin, without foveae or impressions; pygidial punctures strong, regularly distributed, with a superficial fovea on the anterior angles.

Distribution: FRENCH GUIANA.

Remarks: This species resembles *Omalodes* (*O.*) *felix* and *Omalodes* (*O.*) *wagneri* by its outer and inner subhumeral striae only absent on the anterior third and anterior half, respectively, and by the punctures of propygidium absent on a semi-circular area medially of the anterior margin.However, it differs from both species by its frons with a superficial medial impression and the lateral punctures on the pronotum strong on the anterior half and weaker on the posterior half. Its also important to note the distribution for those species, while *Omalodes* (*O.*) *felix* and *Omalodes* (*O.*) *wagneri* are only known for Argentina, this species is only known for French Guiana.

Observations: The lateral punctures of the pronotum cover a wider area on the anterior angles, gradually diminishing towards the posterior angles. The prosternal process is not as wide as most other species of *Omalodes*, being slender. While this species is quite similar to *Omalodes* (*O.*) *felix* and *Omalodes* (*O.*) *wagneri* its distribution is different from those species.While the first two only occurs in Chaco (Argentina) this species only occurs in the Amazon (French Guyana).They are completely different systems, the Santiago del Estero province in Argentina is a more arid system while Cayenne in French Guyana have a more humid climate.

***Omalodes* (*O.*) *exul* Marseul, 1853**

Figs: 20A-E.

Omalodes exul Marseul, 1853:514.
Homalodes exul: Gemminger et Harold, 1868:763.
Omalodes oblongus: Lewis, 1901:373; Mazur, 1997:86.
Omalodes (*Omalodes*) *exul*:Bickhardt, 1910:33; Desbordes, 1919:49, 62; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: The type material of this species could not be studied, however it is probably deposited in the Muséum National d'Histoire Naturelle, Paris, France (MNHN).

Diagnosis: Frons with medial fovea and a superficial longitudinal sulcus (Fig: 20D); lateral punctures of pronotum strong on the anterior half, weak on the posterior half (Fig: 20A); outer subhumeral stria absent on the anterior third (Fig: 20C); propygidium with strong punctures, except for a semi-circular area medially on the anterior margin (Fig: 20E).

Redescription. ***Size range*****:** Length: 6.3 mm, Width: 4.7 mm. ***Body form*****:** body oval, slightly elongated, convex. ***Head*****:** frons covered with weak punctures, with a well delimited medial fovea and a superficial longitudinal sulcus from the epistoma to the fovea; frontal stria about 2x wider than long, complete, curved inward to the medial fovea. ***Pronotum*****:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete, slightly curved towards the middle of the posterior margin; lateral punctures of pronotum present on the entire lateral margin, weak and sparse. ***Elytra*****:** outer subhumeral stria continuous, absent on the anterior third; inner subhumeral stria indicated by puntures at the posterior third; 1st dorsal stria strongly indicated, complete; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length); 3rd dorsal stria weakly indicated on the anterior half, interrupted and indicated by punctures on the posterior sixth; 4th and 5th dorsal striae absent; sutural stria indicated by punctures at the posterior sixth; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria absent, mesometaventral suture straight. ***Abdomen*****:** propygidium with weak and sparse punctures, without impressions or foveae on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a fovea on the anterior angles.

Distribution: BRAZIL.

Remarks: This species is similar to *Omalodes* (*O.*) *faustus* in almost every regard.There are only few, minor differences that could separate both species.Mainly the elytra with "angles" on the position of the 4th and 5th dorsal striae and the prosternal lobe truncated in *Omalodes*

(*O.*) *faustus*.While in *Omalodes* (*O.*) *exul* the elytra is slightly convex on the posterior half, and the prosternal lobe rounded.

***Omalodes* (*O.*) *fassli* Bickhardt, 1911**

Figs: 21A-E.

Omalodes fassli Bickhardt, 1911:212.
Omalodes (*Omalodes*) *fassli*: Bickhardt, 1910:33; Desbordes, 1919:45, 61; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following label: "{white rectangular label} Rio [Oquatal]; [illegible] / {orange square label} Type / {white rectangular label} West Colombia; S. Amerika 1909; A. H. Fassl / {red rectangular label} SYNTYPUS; *Omalodes fassli*; Bickhardt, 1911; labelled by MNHUB 2009" here designated as **LECTOTYPE** and four other specimens deposited on the same museum with identical labels which are designated as **PARALECTOTYPE** of the species.

Diagnosis: Frons with superficial medial impression (Fig: 21D); lateral punctures of pronotum absent (Fig: 21A); outer subhumeral stria indicated on posterior third (Fig: 21C); dorsal striae weakly indicated (Fig: 21A); marginal stria of mesoventrite indicated a little before the angles medially (Fig: 21B); propygidium covered with strong, sparse punctures, with a superficial impression on each side on the posterior half (Fig: 21E).

Redescription. ***Size range*:** length: 5.5–6.7 mm, width: 5–6.1 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, with a superficial medial impression; frontal stria about 1.5x wider than long, complete, slighty curved inward. ***Pronotum*:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum absent. ***Elytra*:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria absent; 2nd dorsal stria absent; 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, starting a

little before the angles medially; lateral punctures absent; mesometaventral stria slightly curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*:** propygidium covered with strong and sparse punctures, with a superficial impression on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a superficial fovea on each side.

Distribution: COLOMBIA, VENEZUELA, ECUADOR.

Remarks: The complete absence of lateral punctures on the pronotum resembles *Omalodes* (*O.*) *brevisternus* and *Omalodes* (*O.*) *consanguineous*.However, this species differs from *Omalodes* (*O.*) *brevisternus* by the punctures of the propygidium more disperse, without a smooth area on the anterior margin and the marginal stria of the mesoventrite not strongly curved towards the prosternum. It differs from *Omalodes* (*O.*) *consanguineous* by its frons with a superficial impression instead of a medial fovea and the propygidium without a smooth area on the anterior margin.

Observations: The dorsal elytral striae are extremely weak in this species, except for the third dorsal stria, which have the usual length for the genus. Another important note is that a few specimens identified as this species have carinal striae resembling those of *Omalodes* (*O.*) *consanguineus*.

Additional material: APPENDIX I: pg. 254.

***Omalodes* (*O.*) *faustus* Erichson, 1834**

Figs: 22A-E, 60A, 64A, 68A.

Hister cayennensis: DeJean, 1821:47 **(nom. nud.)**.
Omalodes faustus Erichson, 1834:237; Marseul, 1853:515.
Homalodes faustus: Gemminger et Harold, 1868:763.
Omalodes (*Omalodes*) *faustus*: Bickhardt, 1910:33; Desbordes, 1919:48, 61; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{green rectangular label} *faustus*; Er.; Para, Sieb. / {white rectangular label} 48768 / {red rectangular label} SYNTYPUS; *Omalodes*

faustus; Erichson, 1834; labelled by MNHUB 2009 / {green rectangular label} Hist. -Coll. (Coleoptera); Nr. 48768; *Omalodes faustus* Er. x; Para, Sieber; Zool. Mus. Berlin" here designated **LECTOTYPE** and another three specimens from the same museum with the following labels: "{red rectangular label} SYNTYPUS; *Omalodes faustus*; Erichson, 1834; labelled by MNHUB 2009 / {green rectangular label} Hist. -Coll. (Coleoptera); Nr. 48768; *Omalodes faustus* Er. x; Para, Sieber; Zool. Mus. Berlin"; "{red rectangular label} SYNTYPUS; *Omalodes faustus*; Erichson, 1834; labelled by MNHUB 2009 / {green rectangular label} Hist. -Coll. (Coleoptera); Nr. 48768; *Omalodes faustus* Er. x; Para, Sieber; Zool. Mus. Berlin" and "{red rectangular label} SYNTYPUS; *Omalodes faustus*; Erichson, 1834; labelled by MNHUB 2009 / {green rectangular label} Hist. -Coll. (Coleoptera); Nr. 48768; *Omalodes faustus* Er. x; Para, Sieber; Zool. Mus. Berlin" here designated **PARALECTOTYPE**.

Diagnosis: Body slightly elongated (Fig: 22D); lateral punctures of pronotum weak and sparse (Fig: 22A); outer subhumeral stria absent on the anterior third (Fig: 22C); dorsal striae of elytra with irregular sides (Fig: 22A); prosternal lobe truncated (Fig: 22B); propygidium with weak, sparse punctures except for a pair of smooth (or almost smooth) areas medially, one on each side (Fig: 22E).

Redescription. ***Size range*****:** length: 6.5-7 mm, width: 4.5-5.4 mm. ***Body form*****:** body oval, slightly elongated, convex. ***Head*****:** frons covered with weak punctures, with a medial longitudinal sulcus from the epistoma to the middle of the frons; frontal stria about 1.5x wider than long, complete, curved inward towards the middle of the frons. ***Pronotum*****:** sides rounded, narrower anteriorly, without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete, slightly curved towards the middle of the posterior margin; lateral punctures of pronotum weak and sparse, present on the entire lateral margin. ***Elytra*****:** outer subhumeral stria continuous, only absent at the anterior third; inner subhumeral stria indicated by puntures at the posterior third; 1st dorsal stria strongly indicated, complete, with irregular sides; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length), with irregular sides; 3rd dorsal stria strongly indicated, continuous on the 1st 2/3, indicated by punctures on the posterior third; 4th and 5th dorsal striae absent; sutural stria indicated by punctures at the posterior third; apical stria absent; a few irregularly distributed punctures and "U" shaped punctures close to the posterior margin, between third and sutural striae. ***Prosternum*****:** prosternal lobe truncated,

marginal stria interrupted medially; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:** marginal stria of mesoventrite interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria absent, mesometaventral suture slightly curved towards the prosternum on each side, medially. ***Abdomen*:** propygidium with weak more sparse punctures on the anterior, lateral and posterior margins, and a small longitudinal line medially, without any foveae or impressions on the posterior half, on each side; pygidial punctures weak, sparse, with a fovea on the anterior angles. ***Male genitalia*:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with a small basal emargination; ninth tergite without apical emargination, broader apically; tenth tergite subhexagonal, slightly non sclerotized on the basal and apical margin; aedeagus elongated, base of parameres straight in dorsal and ventral view, apex rounded, parallel sided.

Distribution: FRENCH GUIANA, BRAZIL.

Remarks: This species along *Omalodes* (*O.*) *exul* are the only few that present a slightly elongated body.However,*Omalodes* (*O.*) *faustus*has superficial carinae present on the position of 4th and 5th dorsal striae (for a more precise description see below) and truncated prosternal lobe. The long outer subhumeral stria, only absent on the anterior third is similar to *Omalodes* (*O.*) *pulvinatus* and *Omalodes* (*O.*) *mendax*.However, every other character of this species present some degree of variation when compared to those species, specially the dorsal elytral striae and the punctures of propygidium.

Observations: The 4th and 5th dorsal striae are not indicated on this species, but on its place there is a peculiar characteristic that is not present in any other species of the genus. Desbordes (1919) describes it as “Stries dorsales internes des èlitres reprèsentées par de légères côtes élevées, déterminant deux ou trois pans coupés bien visibles sous un certain angle”, which roughly means that the 4th and 5th dorsal striae form sort of a “mirror” (somewhat resembling superficial carinae) when visualized over a certain angle. This characteristic can be visualized on the specimens inlateral view, in a slightly tilted angle.

Additional material: APPENDIX I: pg. 255.

***Omalodes* (*O.*) *felix* Lewis, 1900**

Figs: 23A-E.

Omalodes felix Lewis, 1900:228.
Omalodes (*Omalodes*) *felix*:Bickhardt, 1910:33; Desbordes, 1919:52, 60; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the British Museum of Natural History (BMNH) with the following labels: "{round white label, red margin} Type / {white rectangular label} Argentina / {white rectangular label} George Lewis Coll.; B.M. 1926-369 / {white rectangular label} Santiago; del Estero / {white rectangular label} *Omalodes*; *felix*; Type Lewis / {white rectangular label} Santiago; del Esterro".

Diagnosis: Frons with a longitudinal sulcus, wider close to epistoma (Fig: 23D); lateral punctures of pronotum strong, indicated on the entire lateral margin (Fig: 23A); outer subhumeral stria absent on the anterior third (Fig: 23C); 1st and 2nd dorsal striae complete (Fig: 23A); propygidium almost completely covered with punctures, except for a semicircular area on the anterior half (Fig: 23E).

Redescription. ***Size range*:** length: 7.6 mm, width: 6.5 mm. ***Body form*:** Body oval, slightly convex. ***Head*:** frons covered with strong punctures, with a strong longitudinal sulcus from the epistoma to the middle of the frons, wider close to the epistoma; frontal stria about 1.5x wider than long, complete, curved inward along the longitudinal sulcus. ***Pronotum*:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete, slightly curved towards the middle of the posterior margin; lateral punctures of pronotum strong, present on the entire lateral margin. ***Elytra*:** outer subhumeral stria continuous, only absent on the anterior third; inner subhumeral stria continuous, present on the posterior half; 1st dorsal stria strongly indicated, complete; 2nd dorsal stria strongly indicated, complete; 3rd dorsal stria weakly indicated on the anterior half, interrupted and indicated by punctures on the posterior sixth; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent; a few "U" shaped punctures close to the posterior margin, between third and sutural stria. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:**marginal mesoventral stria interrupted, visible only at the angles; lateral

punctures present; mesometaventral stria absent, mesometaventral suture straight. ***Abdomen*:** propygidium almost completely covered with punctures, except for a semicircular area on the anterior half, the puntures stronger on the sides, weaker on the posterior margin and medially; pygidial punctures strong, regularly distributed, with a fovea on the anterior angles.

Distribution: ARGENTINA.

Remarks: This species resembles *Omalodes* (*O.*) *wagneri* in almost every character, except for three small differences.The body of *Omalodes* (*O.*) *wagneri*is slightly more elongated, the outer and inner subhumeral striae are slightly shorter and the propygidium presents a pair of superficial impressions on the posterior half.However, both species occur in the same locality. It also resemble *Omalodes* (*O.*) *punctulatus* due to the punctures of propygidium almost completely covering the entire structure except for a semicircular area on the anterior half.

Observations: This species and *Omalodes* (*O.*) *wagneri* are almost identical externally, and since the male genitalia could not be studied in both, a more precise differentiation between those species was impossible.

***Omalodes* (*O.*) *fortunatus* Lewis, 1898**

Figs: 24 A-E.

Homalodes fortunatus Lewis, 1898:166; Mazur, 1997:86.
Omalodes (*Omalodes*) *fortunatus*:Bickhardt, 1910:33; Desbordes, 1919:44, 62; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the British Museum of Natural History (BMNH) with the following labels: "{white round label, red margin} Type / {white rectangular label} Chapada / {white rectangular label} George Lewis Coll.; B.M. 1926-369. / {white rectangular label} *Homalodes*; *fortunatus*; Type Lewis / {white rectangular label} mesoster.; stria complete; H. H. Smith 97 / {white rectangular label} Oct".

Diagnosis: Frons with a superficial impression close to epistoma, somewhat concave (Fig: 24D); frontal stria with a small angle close to the antennal cavity (Fig: 24D); outer subhumeral stria complete (Fig: 24C); inner subhumeral stria continuous on posterior third,

indicated by punctures on the middle 3rd (Fig: 24C); marginal stria of mesoventrite complete (Fig: 24B).

Redescription. ***Size range*****:** length: 7 mm, width: 6.1 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, a superficial impression close to epistoma, somewhat concave; frontal stria about 1.5x wider than long, complete, curved inward on the first third of the frons with a angle close to the antennal cavity. ***Pronotum*****:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum strongly marked on the entire lateral margin. ***Elytra*****:** outer subhumeral stria complete; inner subhumeral stria continuous on the posterior third, indicated by punctures on the middle third; 1st dorsal stria strongly indicated, slightly shortened posteriorly (about 1/8 of its total length), with irregular sides; 2nd dorsal stria strongly indicated, slightly shortened anteriorly (about 1/10 of its total length), with irregular sides; 3rd dorsal stria weakly indicated on the anterior half, indicated by punctures on the posterior half; 4th and 5th dorsal striae absent; sutural stria indicated by widely spaced punctures at the posterior half; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel slender, with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria complete; lateral punctures present; mesometaventral stria absent, mesometaventral suture straight. ***Abdomen*****:** propygidium completely covered with punctures punctures, except for a semicircular area on the anterior half, the puntures stronger on the sides, weaker on the posterior margin and medially; pygidial punctures strong, regularly distributed, with a superficial fovea on the anterior angles.

Distribution:FRENCH GUIANA, BRAZIL.

Remarks: Only *Omalodes* (*O.*) *mazuri* and this species present a complete marginal mesoventral stria.Few specimens of *Omalodes* (*O.*) *planifrons* can sometimes present a longer marginal mesoventral stria but only rarely this stria is complete.This species is easily differentiated from the other two by its complete outer subhumeral stria, slightly impressed frons and by the punctures of the pronotum (although this difference is more evident between this species and *Omalodes* (*O.*) *planifrons*).

Observations: This species is the only one in the genus with a complete outer subhumeral stria and marginal mesoventral stria.Both characteristics are quite rare in the genus, only a few species have either one or the other stria complete. Desbordes (1919) mentions that the presence of a complete marginal mesoventral stria and complete carinal striae on the prosternum is what separate the subgenus *Diplogrammicus* from *Omalodes*.However both characters can be visualized in species of *Omalodes* (*Omalodes*), either shortened or complete, strongly or weakly indicated.

Additional material: APPENDIX I: pg. 255.

***Omalodes* (*O.*) *foveola* Erichson, 1834**

Figs: 25A-E, 60B, 64B, 68B.

Omalodes foveola Erichson, 1834:120; Marseul, 1853:517; Mesquita, 2003:4; Mise et al., 2010:323.
Hister foveola: Blanchard, 1843:69; Mazur, 1997:86.
Homalodes foveola: Gemminger et Harold, 1868:763; Mazur, 1997:86.
Omalodes (*Omalodes*) *foveola*:Bickhardt, 1910:33;Desbordes, 1919:49, 51, 60; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.
Omalodes (*Omalodes*) *foveola brasilianus*: Mazur, 1997:86; Mazur, 2011:73 (**Syn. nov.)**.
Omalodes brasilianus: Marseul, 1853:513; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86.
Omalodes (*Omalodes*) *brasilianus*: Bickhardt, 1910:33.
Homalodes brasilianus: Gemminger et Harold, 1868:763.
Omalodes conicicollis: Marseul, 1853:519; Mazur, 1984:223; Mazur, 1997:86.
Omalodes (*Omalodes*) *conicicollis*: Bickhardt, 1910:33; Mazur, 2011:73.
Homalodes conicicollis: Gemminger et Harold, 1868:763
Omalodes foveola var. *brasilianus*: Desbordes, 1919:50, 60.

Type material: One specimen deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{white rectangular label} 48765 / {green rectangular label} Hist. -Coll. (Coleoptera); Nr. 48765; *Omalodes foveola* Er.; Brasil, von Langsdorff; Zool. Mus. Berlin / "{green rectangular label} *foveola*; Er.; Brasil, Langsdorf. / {red rectangular label} SYNTYPE; *Omalodes foveola*; Erichson, 1834; labelled by MFNB 2014" here designated **LECTOTYPE** and another two specimens from the same museum with the following labels: "{green rectangular label} Hist. -Coll. (Coleoptera); Nr. 48765;

Omalodes foveola Er.; Brasil, von Langsdorff; Zool. Mus. Berlin / {red rectangular label} SYNTYPE; *Omalodes foveola*; Erichson, 1834; labelled by MFNB 2014" and "{green rectangular label} Cayenne / {green rectangular label} Hist. -Coll. (Coleoptera); Nr. 48765; *Omalodes foveola* Er.; Brasil, von Langsdorff; Zool. Mus. Berlin / {red rectangular label} SYNTYPE; *Omalodes foveola*; Erichson, 1834; labelled by MFNB 2014" here designated **PARALECTOTYPE**.

Diagnosis: Frons with strong longitudinal sulcus medially (Fig: 25D); frontal stria slightly projected towards the epistoma medially (Fig: 25D); lateral punctures of pronotum strong, indicated on entire lateral margin (Fig: 25A); propygidium with a medial area smooth or with sparse punctures, with a pair of strong foveae on the posterior half (Fig: 25E).

Redescription. ***Size range*****:** length: 4.7–6.4 mm, width: 3.8–5.1 mm. ***Body form*****:** Body oval, convex. ***Head*****:** frons covered with weak punctures, with a longitudinal sulcus from the epistoma to the middle of the frons; frontal stria rounded, interrupted and slightly projected towards the epistoma medially. ***Pronotum*****:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum strongly marked on the entire lateral margin. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria usually absent; 1st dorsal stria strongly indicated, complete; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria usually absent; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures present; mesometaventral stria slightly curved towards prosternum on each side medially, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium with strong punctures on the posterior, lateral and anterior margins, medially without or with a few irregularly distributed punctures, with a strong fovea on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a fovea on the anterior angles. ***Male genitalia*****:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with smal basal emargination; ninth tergite without apical emargination; tenth tergite, non sclerotized from the basal margin to the

middle; aedeagus elongated, base of parameres slightly emarginated medially in dorsal and concave in ventral view, apex truncated, parallel sided.

Distribution:PANAMA, TRINIDAD & TOBAGO, COLOMBIA, VENEZUELA, FRENCH GUIANA, BRAZIL, PERU, BOLIVIA, PARAGUAY, ARGENTINA.

Remarks: This species frons (with a strong longitudinal sulcus medially) and frontal stria (slightly projected towards the epistoma medially) are identical to *Omalodes* (*O.*) *lucidus*.However,*Omalodes* (*O.*) *foveola*have strong lateral punctures on the pronotum, posterior margin of the elytra without irregular punctures, propygidium with a medial area with irregular punctures and a pair of foveae on the posterior half.While *Omalodes* (*O.*) *lucidus* present weak lateral punctures on the propygidium, posterior margin of the elytra with irregularly distributed punctures and propygidium without foveae, completely covered with strong punctures. The frons of *Omalodes* (*O.*) *foveola* is also present in *Omalodes* (*O.*) *mazuri*, however the second species have carinal stria indicated on the posterior half of the prosternum and a marginal stria of mesoventrite complete.While this species has a absent carinal striae and a widely interrupted marginal stria.

Observations: The type material of the species is actually composed of 5 specimens, however two of them represent other species from the genus (one of them is a *Omalodes* (*O.*) *lucidus* the other could not be identified).Unfortunately neither specimen have any labels indicating the precise location of collection, it is supposedly BRAZIL. The presence of a inner subhumeral stria is variable,when present it can be formed by just one or a few aligned punctures.The same happens with the sutural stria, when present it can be indicated by one or a few punctures (never exceeding the posterior sixth). The size of this species is also extremely variable, the smaller specimens have around 4.7mm total length and the bigger ones up to 6.4mm total length.The presence of a inner subhumeral and sutural striae are mostly found in smaller specimens, and their absence usually found in bigger specimens.

Additional material: APPENDIX I: pg. 256.

***Omalodes* (*O.*) *gagatinus* Erichson, 1834**

Figs: 26A-E, 60C, 64C, 68C.

Omalodes gagatinus Erichson, 1847:90.
Homalodes gagatinus: Gemminger et Harold, 1868:763; Mazur, 1997:86.
Omalodes (*Omalodes*) *gagatinus*:Bickhardt, 1910:33;Desbordes, 1919:52, 60; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{green rectangular label} Peru Mont. [illegible] / {red rectangular label} TYPE; *Omalodes*; *gagatinus*; Er.; R. h. Wenzel '71 / {green rectangular label} Hist. -Coll. (Coleoptera); Nr. 48757; *Omalodes gagatinus* Er. x; Peru Mont.; Zool. Mus. Berlin / *gagatinus* Er. / 48764".

Diagnosis: Frons usually flat (Fig: 26D); lateral punctures of pronotum weak, indicated on the entire lateral margin (Fig: 26A); outer subhumeral stria indicated on the posterior half (Fig: 26C); dorsal elytral stria weak (Fig: 26A); propygidium with punctures limited to a circular area on each side (Fig: 26E).

Redescription. ***Size range*****:** length: 5.1–5.8 mm, width: 4.5–5 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, flat or slightly concave medially; frontal stria about 1.5x wider than long, complete. ***Pronotum*****:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin, weak, almost non visible. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior half; inner subhumeral stria absent; 1st dorsal stria weakly indicated, shortened anteriorly (about 1/6 of its total length); 2nd dorsal stria weakly indicated, shortened anteriorly and posteriorly (about 1/6 of its total length on both sides); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:**marginal mesoventral stria interrupted, starting a little before the angles medially; lateral punctures absent; mesometaventral stria serrated, slightly curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium with strong punctures limited to two circular areas on the sides medially; pygidial punctures strong, regularly distributed, with a superficial fovea on the anterior angles. ***Male genitalia*****:** eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with small basal emargination; ninth tergite

without apical emargination; tenth tergite with interrupted sclerotization, with one sclerotized area on each side, sides rounded; aedeagus elongated, base of parameres straight in dorsal and concave in ventral view, apex rounded, parallel sided.

Distribution:MEXICO, GUATEMALA, HONDURAS, NICARAGUA, COSTA RICA, PANAMA, VENEZUELA, COLOMBIA, FRENCH GUIANA, BRAZIL, PERU, BOLIVIA, PARAGUAY.

Remarks: This species is quite similar to *Omalodes* (*O.*) *anthracinus*, *Omalodes* (*O.*) *sobrinus* and *Omalodes* (*O.*) *serenus*. The main difference between all species are their propygidial punctures: on the first species they cover most of the propygidium, on the second species there is awide smooth area, leaving only a small area of punctures medially and on the sides.*Omalodes* (*O.*) *serenus* have the propygidium complete punctuated, and a wide impression in the prosternal process.In *Omalodes* (*O.*) *gagatinus*the punctures are limited to a circular area on each side. Another similar species is *Omalodes* (*O.*) *perpolitus*, however it has a completely smooth propygidium and pygidium.

Observations: Sometimes the pygidium of this species presents a horizontal smooth line on the posterior margin, varying from small to almost covering the entire posterior half.

Additional material: APPENDIX I: pg. 265.

***Omalodes* (*O.*) *grossus* Marseul, 1853**

Figs: 27A-E, 60D, 64D, 68D.

Omalodes grossus Marseul, 1853:522.
Omalodes texanus:Bickhardt, 1910:33;Marseul, 1853:523; Lewis, 1905:20; Mazur, 1984:223; Mazur, 1997:86.
Omalodes grossus texanus: Blackwelder, 1944:182.
Homalodes grossus: Gemminger et Harold, 1868:763; Mazur, 1997:86.
Homalodes texanus:Gemminger et Harold, 1868:764; Mazur, 1997:86.
Omalodes (*Omalodes*) *grossus*:Bickhardt, 1910:33;Desbordes, 1919:54, 59; Blackwelder, 1944:182; Mazur, 1984:223; Mazur, 1997:86; Mazur, 2011:73.
Omalodes (*Omalodes*) *grossus lubricans*: Casey, 1893:535; Mazur, 1997:86; Mazur, 2011:73 **(Syn. nov.)**.
Omalodes lubricans: Casey, 1893:535; Bickhardt, 1910:33;Mazur, 1997:86.

Type material: The type material of this species could not be studied, however it is probably deposited in the Muséum National d'Histoire Naturelle, Paris, France (MNHN).

Diagnosis: Frons with a superficial medial fovea (Fig: 27D); 1st dorsal stria strongly indicated anteriorly, weaker towards the posterior margin, slightly shortened anteriorly and posteriorly (Fig: 27A); propygidium with strong punctures limited to two circular areas on the sides medially and a small horizontal line between the two (Fig: 27E).

Redescription. ***Size range*****:** length: 8.3–9 mm, width: 7–7.5 mm. ***Body form*****:** Body oval, convex. ***Head*****:** frons covered with weak punctures, with a superficial medial wide fovea; frontal stria about 1.5x wider than long, complete. ***Pronotum*****:** without foveae, anterior angles strongly projected, slightly longer than the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria strongly indicated anteriorly, weaker towards the posterior margin, slightly shortened anteriorly and posteriorly (about 1/10 of its total length on both sides); 2nd dorsal stria strongly indicated anteriorly, weaker towards the posterior margin, shortened anteriorly and posteriorly (about 1/6 of its total length on both sides); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural absent; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria, mesometaventral suture slightly curved towards the prosternum medially. ***Abdomen*****:** propygidium with strong punctures limited to two circular areas on the sides medially and a small horizontal line between the two right after the middle of the structure, without impressions or foveae on the posterior half, on each side; pygidial punctures strong, limited to two circular areas on the sides, with a superficial fovea on the anterior angles. ***Male genitalia*****:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side, a small non sclerotized area on the apical margin; eighth sternite concave on the basal margin; ninth tergite without apical emargination; tenth tergite with continuous sclerotization medially, non sclerotized on the base and apex, only slightly on apex, sides rounded; aedeagus elongated, base of parameres with a pair of projections in dorsal view and medially emarginated in ventral view, apex rounded, slightly expanded laterally near apex.

Distribution:USA, MEXICO, BELIZE, GUATEMALA, HONDURAS, EL SALVADOR, NICARAGUA, COSTA RICA, PANAMA.

Remarks: This species is quite similar to *Omalodes* (*O.*) *lapsans*.The difference between the two species are in the punctures of the propygidium, while in *Omalodes* (*O.*) *grossus*the punctures are limited to a circular area on each side and a small section of punctures medially connecting the two, *Omalodes* (*O.*) *lapsans*have its punctures limited to the sides more os less in the lateral angles. Similarly the punctures of the pygidium of *Omalodes* (*O.*) *lapsans* cover a smaller portion of the sides while in this species the punctures occupy a larger portion of the sides. Additionally the lateral punctures of the prosternal keel are present on this species and absent on *Omalodes* (*O.*) *lapsans*.

Additional material: APPENDIX I: pg. 277.

***Omalodes* (*O.*) *haitianus* Marseul, 1853**

Omalodes haitianus Marseul, 1853:525.
Homalodes haitianus: Gemminger et Harold, 1868:763.
Omalodes (*Omalodes*) *haitianus*:Bickhardt, 1910:33;Desbordes, 1919:46, 60; Blackwelder, 1944:182; Mazur, 1997:87; Mazur, 2011:73.

Type material: The type material of this species could not be studied, however it is probably deposited in the Muséum National d'Histoire Naturelle, Paris, France (MNHN).

Diagnosis: "Ovalus oblongus, subconvexus, niger, nitidus; fronte clypeoque late et parum profunde impressis, puncticulatis, stria integra, vix retrorsum acuminata; pronoto lateribus punctulato; elytris stria subhumerali ab humero ad suturam continuata; 1-2 dorsalibus integris, 3ª interrupta; propygidio punctato in medio laevi, pygidio densius; tibiis anticis 4-dentatis". (according to Marseul, 1853)

Redescription.Size range: length: 10 mm, width: 7 mm.
"Ovale allongé, légèrement convexe, noir luisant. Front et épistome pointillés, avec une impression large et superficielle; strie circulaire assez marquee, entire, avec un angle reentrant à peine saillant. Antennes brunes. Pronotum court, large et bisinué à la base,

oblique, légèrement sinué et bordé de points sur les côtes; échancré et rétréci en devant, avec les angles abaissés, aigus; strie latérale entire, fortement anguleuse derrière les yeux. Ecusson petit, triangulaire. Elytres beaucoup plus longues et aussi larges que le pronotum à la base, légèrement arquées sur les côtés, rétrécies et Presque droites au bout, formant un angle sutural assez profound, strie subhumérale externe atteignan d'une part l'humérale, et se continuant de l'autre le long du bord apical jusqu'à la suture; interne nulle; 1-2 dorsales entières, troisième interrompue. Propygidium sans fossettes bien accuses, ponctué assez densément et peu fortement sur les côtés, lisse au milieu; pygidium plus également et plus fortement ponctué sur toute sa surface. Prosternum sans stries. Mésosternum court, profondément échancré et rebordé d'une strie interrompue. Jambes antérieures armées de quatre dents; intermédiaires de cinq épines fortes; postérieures de quatre."(according to Marseul, 1853)

Distribution: HAITI (San Domingo)(according to Marseul, 1853)

Observations: "dans les végétaux charnus en decomposition, tells que le Palmier, le Papayer"(according to Marseul, 1853)

***Omalodes* (*O.*) *humerosus* Schmidt, 1889**

Figs: 28A-E.

Omalodes humerosus Schmidt, 1889:362.
Omalodes (*Omalodes*) *humerosus*:Bickhardt, 1910:33; Desbordes, 1919: 45, 62; Blackwelder, 1944:182; Mazur, 1997:87; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{orange square label} Type / {white rectangular label} Medellin; 3 VII 1879 / {white rectangular label} coll. J. Schmidt / {white rectangular label, black outer margin, green inner margin} *humerosus*; Schmidt / {red rectangular label} HOLOTYPUS; *Omalodeshumerosus*; Schmidt, 1889; labelled by MNHUB 2010".

Diagnosis: Frons concave (Fig: 28D); lateral punctures of pronotum absent (Fig: 28A); anterior pronotal angles with a wide impression (Fig: 28A); 1st dorsal stria absent (Fig: 28A); 2nd dorsal stria weak, indicated only on the second quarter of elytra (Fig: 28A); propygidium

with weak sparse punctures, slightly more coarse on the anterior angles and sides (Fig: 28E); pygidium with weak, sparse punctures (Fig: 28E).

Redescription. ***Size range*****:** length: 6.5 mm, width: 5.3 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, concave; frontal stria about 1.5x wider than long, complete, slightly curved inward. ***Pronotum*****:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum absent; a wide superficial impression on each anterior angle. ***Elytra*****:** Marginal epipleural stria present medially; epipleural stria complete; outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria absent; 2nd dorsal stria weakly indicated, widely shortened present only at the second quarter of its lenght; 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striaeabsent; sutural stria absent; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria shortened medially; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria straight, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium with weak sparse punctures, slightly more coarse on the anterior angles and sides; pygidial punctures weak, somewhat regularly distributed, with a fovea on the anterior angles.

Distribution: COLOMBIA.

Remarks: The absence of lateral punctures on the pronotum is found in few other species of the genus, such as *Omalodes* (*O.*) *brevisternus*, *Omalodes* (*O.*) *consanguineus* and *Omalodes* (*O.*) *planifrons*. The appearance of the propygidial punctures also resembles *Omalodes* (*O.*) *sinuaticollis*.However, this species is the only one in the genus with a wide impression on the anterior pronotal angles.

Observations: This species is only known for its type specimen, which was collected in an altitude of over1,500 meters.

***Omalodes* (*O.*) *intermedius* (Lewis, 1907)**

Diplogrammicus intermedius Lewis, 1907:481.
Omalodes (*Diplogrammicus*) *intermedius*: Bickhardt, 1910:34; Desbordes, 1919:54, 63; Blackwelder, 1944:54; Mazur, 1984:224; Mazur, 1997:89; Mazur, 2011:75

Type material: The type material of this species could not be studied, however it is deposited in the Natural History Museum, London, England (BMNH).

Diagnosis: "Oblongus, parum parallelus; fronte impressa stria retrorsum angulata; pronoto lateribus et anterioribus dense punctato; elytrisstriis 1-3 dorsalibua integris; propygidio pygidioque dense punctatis; prosterno in medio bistriato".(according to Lewis, 1907)

Redescription: ***Size range*:** length: 9 mm.
"Oblong, somewhat parallel laterally, black and shining;the head impressed longitudinally, stria complete, turningbackwards in the middle, surface rather densely punctured;the thorax densely punctured laterally, less distinctly behindthe head, and the points gradually lessen to the disk, scutellarregion smooth, the lateral stria is not well-marked owing tothe encroachment of the punctuation and it ceases at theposterior angle. The lateral striae of *Marseuli*, Sch., are wellmarkedand turn inward at the base and pass the angle.The elytra are finely not closely punctulate (more distinctlyso than in *Marseuli*), the striae 1-3 are complete, but the3rd is somewhat irregular in its course, the others are wanting; the propygidium is coarsely punctured and somewhat gibbous along the sides; the pygidium is similarly punctured; the prosternum is bistriate before the coxae; themesosternum (not quite so shortened as that of *Marseuli*) ispunctulate, with marginal stria complete".(According to Lewis, 1907)

Distribution: CHILE. (according to Lewis, 1907)

Remarks: "The description above is drawn from a specimen from theChevrolat collection which Marseul named *ebeninus*, Er., butit is clearly not so. Marseul gives an excellent figure of*ebeninus* in his monograph (pl. xv. fig. 22), showing thedorsal striae and punctuation very clearly, and the sternal striaalso are separately shown. Erichson's species is a native ofArgentina".(according to Lewis, 1907)

Observations: Unfortunately the altitude where the type specimen of this species was collected is not known.There are only a few species of *Omalodes* collected in higher altitudes

and all of them are quite unique, carrying unique morphological traits that further differentiate them from other species. Another important note is that Lewis (1907) mentions that *Omalodes* (*O.*) *ebeninus* is native of Argentina.However, according to Erichson (1834) the type locality of the species is actually Uruguay.

***Omalodes* (*O.*) *laceratus* Marseul, 1853**

Omalodes laceratus Marseul, 1853:507.
Homalodes laceratus: Gemminger et Harold, 1868:763; Mazur, 1997:87.
Omalodes (*Omalodes*) *laceratus*:Bickhardt, 1910:33;Desbordes, 1919:51, 59; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:73.

Type material:The type material of this species could not be studied, however it is probably deposited in the Muséum National d'Histoire Naturelle, Paris, France (MNHN).

Diagnosis: "Ovalis, parum convexus, niger, nitidus, clava rufo-brunnea; fronte in medio longitudinaliter profunde excavate, stria valida antice retro acuminate, clypeo subimpresso; pronoto lateribus rugoso, stria laterali irregulari a margine distanti; elytris humero prominulo, 1ª dorsali integra, tenui; 2ª forti basi abbreviata, 3ª postice in medio; propygidio bifoveolato, pygidioque dense et fortiter punctatis antice laevibus; tibiis anticis 4-dentatis".(According to Marseul, 1853)

Redescription. *Size range*: length: 9 mm, width: 6.5 mm.
"Ovale, peu convexe en dessus, noir, luisnat. Tête finement pointillée; front convexe, creusé dans son milieu d'un profond sillon longitudinal; strie circulaire forte, entire, formant en devant un angle reentrant aigu dans le sillon; épistome légèrement impressionné. Antennes d'un noir de poix, massue d'un rouge-brun. Pronotum court, très large et bisinué à la base, avec un point ante-scutellaire, légèrement arqué sur les côtés, trés rétréci et échancré en devant, avec les angles aigus; rugueusement ponctué le long des côtés; strie latérale irrégulière, éloignée du bord, non interrompue. Ecusson petit, triangulaire. Elytres une fois et demie plus longes que le pronotum, de sa largeur à la base, dilatées sur les còtês, avec l'épaule saillante, rétrécies postérieurement, creusées dans le sens de la suture; strie subhumérale courte; première dorsale obsolète, pontuée postérieurement; deuxième forte, arquée en dedans, au fond d'une impression, l'une et l'autre entières; troisième raccourie au milieu. Propygidium bifovéolé, fortement et densément ponctué, presque lisse au milieu du

bord antérieur. Pygidium ponctué encore plus fortement, avec le milieu de la base lisse. Prosternum lisse, sans stries. Mésosternum à strie marginale interrompue. Jambes antérieures armées de quarte dents, l'apicale bifide; intermédiaires de cinq, et postérieures de trois épines." (According to Marseul, 1853)

Distribution:BRAZIL. (According to Marseul, 1853)

Remarks:"Cette espèce a les plus grands rapports avec l'*O. omega*, cependant elle a les épaules un peu moins saillantes, la suture moins enfoncée, le propygidium bifovéolé, et un nombre d'épines different aux jambes postérieures; la structure de la strie latérale du pronotum pourrait être une anomalie individuelle. Je n'ai vu qu'un seul exemplaire provenant du Brésil (M. Chevrolat)." (According to Marseul, 1853)

Observations: One of the most unique traits of this species is the irregular lateral pronotal stria.However, Marseul (1853) mentioned that this character could be a individual anomalie.Considering this possible anomaly, the differences between this species and *Omalodes* (*O.*) *omega* are less evident, the presence of foveae on the propygidium being the most important differentiate.

***Omalodes* (*O.*) *laevicollis* Bickhardt, 1911**

Figs: 29A-E, 60E, 64E, 68E.

Omalodes laevicollis Bickhardt, 1911:211.
Omalodes (*Omalodes*) *laevicollis*:Bickhardt, 1910:33; Desbordes, 1919:45, 59; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:73.

Type material:One specimen deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{square orange label} Type / {white rectangular label} West Colombia; S. Amerika 1909; A. H. Fassl / {red rectangular label} SYNTYPUS; *Omalodes laevicollis*; Bickhardt, 1911; labelled by MNHUB 2009" here designated as **LECTOTYPE** and two others deposited on the same museum with identical labels here designated as **PARALECTOTYPE**.

Diagnosis: Frons with a superficial medial fovea (Fig: 29D); lateral punctures of pronotum absent (Fig: 29A); dorsal striae of elytra weakly indicated (Fig: 29A); mesometaventral stria

slightly curved towards prosternum medially (Fig: 29B); propygidium with strong, sparse punctures, with a strong fovea on the posterior half on each side (Fig: 29E).

Redescription. ***Size range*****:** length: 6.8–7.6 mm, width: 5.9–6.8 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a superficial medial fovea; frontal stria about 2x wider than long, complete, curved inward towards the middle of frons. ***Pronotum*****:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete, slightly curved towards the middle of the posterior margin; lateral punctures of pronotum absent. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria absent; 2nd dorsal stria absent; 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria shortened medially; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, starting a little before the angles medially; lateral punctures absent; mesometaventral stria curved towards prosternum on each side medially, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium with strong, sparse punctures (slightly weaker medially), with a pair of wide foveae on the posterior half, one on each side; pygidial punctures strong, regularly distributed, with a superficial impression along the lateral margins. ***Male genitalia*****:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side, a small non sclerotized area on the apical margin; eighth sternite with small irregular basal emargination; ninth tergite without apical emargination; tenth tergite with interrupted sclerotization, with one sclerotized area on each side, closer medially, sides rounded; aedeagus elongated, base of parameres with a pair of projections in dorsal view and medially emarginated in ventral view, apex truncated,with a acute lateral projection.

Distribution: COLOMBIA, ECUADOR, BOLIVIA.

Remarks: This species is similar to *Omalodes* (*O.*) *consanguineous*.Both have a medial fovea on the frons, lateral punctures of pronotum absent and their dorsal striae are weak.However, the dorsal striae in *Omalodes* (*O.*) *laevicollis*are even weaker or completely absent, and even though both have strong sparse punctures on the propygidium only *Omalodes* (*O.*) *laevicollis* have a strong fovea on each side of the posterior half.

Observations: A few specimens identified as *Omalodes* (*O.*) *laevicollis*have weak carinal striae on the prosternal process, quite similar to those present in *Omalodes* (*O.*) *consanguineus*.

Additional material: APPENDIX I: pg. 279.

***Omalodes* (*O.*) *laevigatus* (Quensel, 1806)**

Omalodes laevigatus (Quensel in Schönherr, 1806:90); Erichson, 1834:121; Marseul, 1857:478.
Hister laevigatus Quensel in Schönherr, 1806:90; Marseul, 1857:478; Mazur, 1997:87.
Histerangulatus: Paykull, 1811:43 **(part.)**; Dejean, 1821:47; Bickhardt, 1910:33;Mazur, 1997:87.
Hister schoenherrii: Dejean, 1821:47 **(emend.)**; Mazur, 1997:87.
Omalodes schoenherri: Dejean, 1837:142 **(sic.)**; Mazur, 1997:87.
Homalodes laevigatus: Gemminger et Harold, 1868:763; Mazur, 1997:87.
Omalodes (*Omalodes*) *laevigatus*:Bickhardt, 1910:33; Desbordes, 1919:47, 61; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:73.

Type material: The type material of this species could not be studied, however it is probably deposited in the Naturhistoriska riksmuseet, Stockholm, Sweden (NHRS).

Diagnosis: "Orbicularis, convexiusculus, fronteleviter impressa, elytris striis dorsalibus tribus primisnullis, quarta et quinta postice abbreviatis".(According to Erichson, 1834)

Redescription. *Size range*: length: 7 mm.
"Von ziemlich regelmäfsig länglich runder Gestalt,sanft gewölbt. Der Kopf ist fein punktirt. Der Stirnstreifist wenig tief, in der Mitte schwach aufwärts eingebogen.Der Eindruck auf der Stirn ist breit, aber sehrflach, setzt sich auf den Kopfschild fort, und ist hier etwastiefer als auf der Stirn selbst. Die Fühler sindpechschwarz mit dunkelbraunem Knopfe. Das Halsschildist nach vorn stark verengt, an den Seiten fast gerade,und nur an den ziemlich vorragenden Vorderwinkeln etwasgerundet, auf der Oberfläche sanft gewölbt, an denSeiten mit feinen, nach den Vorderwinkeln zu dichterenPunkten besetzt. Die Flügeldecken sind an den Seitengerundet, mit kaum merklich vorragenden Schulterbeulen,sanft gewölbt; die drei

innern Rückenstreifen fehlen ganz,vom vierten ist die hintere Hälfte erloschen, die vordereHälfte von diesem und die beiden äufsern sind aufserordentlichfein, letztere verloschen punktirt. Die beidenletzten obern Hinterleibssegmente sind stark aber nichtdicht punktirt. Auf dem vorletzten Segment stehen diePunkte in der Mitte sparsamer".(According to Erichson, 1834)

Distribution:CUBA. (According to Erichson, 1834)

Observations: The type specimen could not be studied, aswell as the original description given by Quensel (1806).Therefore the information contained here was taken entirely from the description given by Erichson (1834).

***Omalodes* (*O.*) *laevinotus* Marseul, 1853**

Omalodes laevinotus Marseul, 1853:533.
Homalodes laevinotus: Gemminger et Harold, 1868:764; Mazur, 1997:87.
Omalodes (*Omalodes*) *laevinotus*:Bickhardt, 1910:33; Desbordes, 1919:47, 61; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:73.

Type material:The type material of this species could not be studied, however it is probably deposited in the Muséum National d'Histoire Naturelle, Paris, France (MNHN).

Diagnosis: "Rotundato-ovatus, convexiusculus, niger, nitidissimus, impunctatus; fronte plana stria late interrupta; elytris striis obsoletis, tenuibus, 3 dorsalibus, subhumeralique externa abbreviates, marginali apice usque ad suturam continuata; pygidio propygidioque omnino laevibus; tibiis anticis 4-dentatis."(According to Marseul, 1853)

Redescription.*Size range*: length: 7 mm, width: 6 mm.
"Ovale arrondi, assez convexe, lisse et sans points, noir très luisant. Antennes brunes. Front plan, sans fovéole distincte; strie fortement interrompue cesssant à l'angle antérieur de l'aeil; on apercoit néanmoins comme une légère trace du reste de la strie. Pronotum court, large et légèrement bisinué à la base, avec un point anté-scutellaire, sub-arrondi sur les côtés, rètréci et échancré en devant, avec les angles aigus, abaissés; strie latérale entire, bien marquee, sans angle sensible derrière les yeux. Ecusson petit, triangulaire. Elytres plus longues et à peu près aussi larges que le pronotum à la base, curvilinéairement dilatées sur les côtés, rétrécies et

droites au bout; stries très fines et obsolètes; 1-3 dorsales fort courtes; subhumérale externe raccourcie de part et d'autre; marginale se continuant jusqu'à la suture, le long du bord apical. Propygidium et pygidium entièrement lisses. Prosternum sans stries. Mésosternum court, strie marginale interrompue. Jambes antérieures armées de quatre petites dents; quatre postérieures de cinq ou six épines." (According to Marseul, 1853)

Distribution:"Guadeloupe". (According to Marseul, 1853)

Observations: This species and*Omalodes* (*O.*) *perpolitus*, are the only species of the genus with a completely smooth propygidium and pygidium. This species also has a complete apical stria, a character only present in species from the Carribean, such as *Omalodes* (*O.*) *laevigatus*and *Omalodes* (*O.*) *souloquii*.

***Omalodes* (*O.*) *lapsans* Marseul, 1861**

Figs: 30A-E.

Omalodes lapsans Marseul, 1861:179.
Homalodes lapsans: Gremminger et Harold, 1868:764; Mazur, 1997:87.
Omalodes (*Omalodes*) *lapsans*:Bickhardt, 1910:33; Desbordes, 1919:51, 61; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:73.

Type material:The type material of this species could not be studied, however it is probably deposited in the Muséum National d'Histoire Naturelle, Paris, France (MNHN).

Diagnosis: Frons with a medial fovea (Fig: 30D); lateral punctures of pronotum strong, present on the entire lateral margin (Fig: 30A); propygidium with strong punctures on the lateral angles, smooth on the remainder of the structures (Fig: 30E); pygidial punctures limited to the lateral margins (Fig: 30E).

Redescription. *Size range*: length: 8.4–9.1 mm, width: 7.3–8 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, with a well delimited medial fovea; frontal stria about 1.5x wider than long, complete. ***Pronotum*:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum strong, present on the entire lateral margin. ***Elytra*:** outer subhumeral stria continuous, present at the posterior third; inner

subhumeral stria absent; 1st dorsal stria strongly indicated on the anterior half, weaker on the posterior half, slightly shortened anteriorly (about 1/6 of its total length); 2nd dorsal stria weakly indicated on the anterior sixth, stronger on the rest of its lenght, shortened posteriorly (about 1/3 of its total length); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*:** prosternal lobe rounded, marginal stria slightly shortened medially; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted starting a little before the angles medially; lateral punctures absent; mesometaventral stria absent, mesometaventral suture slightly curved towards the prosternum medially. ***Abdomen*:** propygidium with strong punctures only on the lateral angles, without foveae or impressions; pygidial punctures strong, limited to the lateral margin, with a superficial fovea on the anterior angles.

Distribution:MEXICO, BELIZE, COSTA RICA.

Remarks: This species is quite similar to *Omalodes* (*O.*) *grossus*, the main differences between the two are the punctures on the propygidium and pygidium, for more details see *Omalodes* (*O.*) *grossus*remarks (pg: 113).

Observations: This redescription was based on a specimen from the Field Museum of Natural History (FMNH) identified as this species and compared with the type specimen.However, the type locality of *Omalodes* (*O.*) *lapsans* is Venezuela and most specimens studied in this work are from Central America.For a complete comparison the type specimen need to be studied.

Additional material: APPENDIX I: pg. 279.

***Omalodes* (*O.*) *lucidus* Erichson, 1834**

Figs: 31A-E, 60F, 64F, 68F.

Omalodes lucidus Erichson, 1834:120; Marseul, 1853:509; Mise *et al*., 2010:322, 323.
Homalodes lucidus: Gemminger et Harold, 1868:764; Mazur, 1997:87.
Omalodes lucidus var. *Le Moulti*: Desbordes, 1919:43, 61 **(Syn. nov.)**.

Omalodes (*Omalodes*) *lucidus*:Bickhardt, 1910:33; Desbordes, 1919:50, 61; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:73.
Omalodes (*Omalodes*) *lucidus peruvianus*: Mazur, 1997:87; Mazur, 2011:73**(Syn. nov.)**.
Omalodesperuvianus: Marseul, 1861:180; Bickhardt, 1910:33;Desbordes, 1919:50, 61; Blackwelder, 1944:182; Mazur, 1997:87.
Homalodes peruvianus: Gemminger et Harold, 1868:764; Mazur, 1997:87.

Type material: One specimen deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{white rectangular labels} 48755 / {green rectangular labels} Hist. –Coll. (Coleoptera); Nr. 48755; *Omalodes lucidus* Er.; Bahia, Gomez; Zool. Mus. Berlin / {green rectangular label} *lucidus*; Er.; Bahia, Gom. / {red rectangular label} SYNTYPE; *Omalodes lucidus*; Erichson, 1834; labelled by MFNB 2014" here designated as **LECTOTYPE** and another two specimens from the same museum with the following labels: "{green rectangular labels} Hist. –Coll. (Coleoptera); Nr. 48755; *Omalodes lucidus* Er.; Bahia, Gomez; Zool. Mus. Berlin / {red rectangular label} SYNTYPE; *Omalodes lucidus*; Erichson, 1834; labelled by MFNB 2014", "{green rectangular label} Bahia. Stark / "{green rectangular labels} Hist. –Coll. (Coleoptera); Nr. 48755; *Omalodes lucidus* Er.; Bahia, Stark; Zool. Mus. Berlin / {red rectangular label} SYNTYPE; *Omalodes lucidus*; Erichson, 1834; labelled by MFNB 2014" both designated here **PARALECTOTYPE**.

Diagnosis: Frons with strong longitudinal sulcus medially (Fig: 31D); frontal stria slightly projected towards the epistoma medially (Fig: 31D); lateral punctures of pronotum weak, indicated on entire lateral margin (Fig: 31A); posterior margin of elytra with irregular punctures between third and sutural striae (Fig: 31A); propygidium covered with strong punctures, without foveae (Fig: 31E).

Redescription. ***Size range*****:** length: 5.4–6.8 mm, width: 4.2–5.6 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a longitudinal sulcus from the epistoma to the middle of the frons; frontal stria rounded, interrupted and slightly projected towards the epistoma medially. ***Pronotum*****:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum weak, present on the entire lateral margin. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria strongly indicated on the anterior half, weaker on the posterior half; 2nd dorsal stria strongly indicated, weaker on the posterior third, shortened anteriorly (about 1/6 of its total length),

continuous and indicated by punctures on the posterior sixth; 3rd dorsal stria weakly indicated on the anterior half, interrupted and indicated by punctures on the posterior sixth; 4th and 5th dorsal striae absent; sutural stria indicated by punctures at the posterior sixth; apical stria absent; a few irregularly distributed punctures close to the posterior margin, between third and sutural striae. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel mostly absent, when present, weak and with variable length; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures present; mesometaventral stria curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*:** propygidium covered with strong punctures, regularly distributed, without impressions or foveae on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a fovea on the anterior angles. ***Male genitalia*:** eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with regular basal emargination; ninth tergite without a small apical emargination; tenth tergite with continuous sclerotization medially, non sclerotized on the base and apex, widely on the base, slightly on apex, sides rounded, with a small lateral angle; aedeagus elongated, base of parameres emarginated medialy on dorsal and slightly emarginated on ventral view, apex truncated, parallel sided.

Distribution:FRENCH GUIANA, SURINAME, GUYANA, ECUADOR, BRAZIL, PERU, BOLIVIA.

Remarks: This species is similar to *Omalodes* (*O.*) *foveola* in regards to its frons with a strong longitudinal sulcus and the frontal stria slightly projected towards the epistoma medially.However, it has weaker lateral punctures on the pronotum and a propygidium completely covered with strong punctures, without any fovea.In *Omalodes* (*O.*) *foveola*the lateral punctures are stronger, propygidium with a medial area without punctures (sometimeswith a few disperse punctures medially) and a strong fovea on each side on the posterior half.

Observations: The length of the sutural stria is variable.In a few specimens it can be indicated only by one or two aligned punctures, in others by a series of punctures on the posterior sixth. The carinal striae of the prosternum are extremely variable, they can be almost as strong as the ones present on *Omalodes* (*O.*) *bifoveolatus* or really weak and

shortened in various points.Sometimes only present at the anterior, medial or posterior third, other times absent only at the anterior or posterior third. The punctures of the prosternal keel are somewhat variable too, they are usually weak, but in a few specimens those punctures can be strong between the carinal striae.

Additional material: APPENDIX I: pg. 280.

***Omalodes* (*O.*) *marquisicus* Marseul, 1853**

Omalodes marquisicus Marseul, 1853:512.
Homalodes marquisicus: Gemminger et Harold, 1868:764; Mazur, 1997:87.
Omalodes (*Omalodes*) *marquisicus*: Bickhardt, 1910:33; Desbordes, 1919:49, 60; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:73.

Type material:The type material of this species could not be studied, however it is probably deposited in the Muséum National d'Histoire Naturelle, Paris, France (MNHN).

Diagnosis: "Ovatus, convexiusculus, niger, nitidus; antennis brunneis; fronte profunde et late sulcata, stria circulari antice retrorsum haud acuminate; pronoto lateribus punctulato; elytris striis 2 primis dorsalibus integris, 3ª antice suturalique postice dimidiates; propygidio bifoveolato pygidioque margine elevato, punctatis; tibiis anticis 4-dentatis".(According to Marseul, 1853)

Redescription. *Size range*: length: 8 mm, width: 6 mm.
"Ovale, légèrement convexe, noir luisant. Front convexe, avec un sillon médian longitudinal, profond, entier, élargi en devant et pointillé; strie circulaire complete, profonde et forte, sans angle aigu reentrant; antennes brunes, massue roussâtre. Pronotum court, beaucoup plus large que long, légèrement bisinué à la base, avec un point ante-scutellaire, un peu arqué sur les còtés, largement échancré et rétréci en devant, avec les angles abaissés et aigus; strie latérale forte, bien marquee, entire, avec un petit espace ponctué aux angles antérieurs. Ecusson petit, triangulaire. Elytres une fois un quart plus longues que le pronotum, un peu plus larges à la base, dilatées sur les côtés, rétrécies et presque droites au bord apical, formant un petit angle sutural; épaules saillantes, suture élevée; strie subhumérale forte, raccourcie en devant et ne

se continuant pas ao bout; première dorsale entire, bien marquee; deuxième un peu raccourcie à la base, plus forte, surtout par derrière, ou elle est dans un enfoncement; troisième obsolete, raccourcie au milieu, avec quelques points apicaux; suturale bien marquée dans la moitié postérieure. Propygidium bifovéolé, couvert de points peu serres, surtout au millieu; pygidium ponctué de la même facon, mais un peu plus densement, presque plan, avec le rebord legérement relevé. Prosternum sans stries. Mésosternum avec une strie interrompue. Jambes antérieures armées de quatre dents très petites; intermédiaires garnies de six épines; postérieures de quatre". (According to Marseul, 1853)

Distribution:MARQUESAS ISLANDS. (According to Marseul, 1853)

Remarks:"Cette espèce est établie sur un seul individu de la collection de M. Feisthamel, indiqué comme provenant des iles Marquises." (According to Marseul, 1853)

Observations: This species is quite peculiar considering its distribution.Its the only species of the genus present in the Marquesas Islands.Those islands are of volcanic formation which suggests that this type location could be a mistake.However, further studies including type material are needed for a more complete discussion.

***Omalodes* (*O.*) *marseuli* Schmidt, 1889**

Omalodes marseuli Schmidt, 1889:159.
Diplogrammicusmarseuli:Lewis, 1907:481.
Omalodes (*Diplogrammicus*) *marseuli*: Bickhardt, 1910:34; Desbordes, 1919:54, 62; Mazur, 1984:224; Mazur, 1997:89; Mazur, 2011:75.

Type material: The type material of this species could not be studied, however it is deposited in the Museum für Naturkunde der Humboldt - Universität, Berlin, Germany (ZMHB).

Diagnosis: "Oblongus subparallelus; fronteconcava, stria subintegra, retrorsum angulata. Pronoto lateribuslate dense punctato. Elytris striis subhumerali interna vel integravel ad humerum obsoleta, interna brevi, 1-2 dorsalibus integris, 3ª punctis ad apicem, continuata. Pygidio propygidioque densepunctatis. Prosterno (interdum obsolete) bistriato, mesosterno marginato,tibiis anticis 5-dentatis". (According to Schmidt, 1889)

Redescription. ***Size range*****:** length: 8-9 mm.

"*ebenninus* Mars, (nec*ebeninus* Er.). Von sämmtlichen Artender Gattung verschieden durch seine sehr gestreckte Gestalt; von*ebeninus* Er. aufserdem durch breit ausgehöhlte Stirn, in gröfsererAusdehnung punktirte Seiten des Halsschildes, das Vorhandenseindes inneren Subhumeralstreifs, den 3ten Dorsalstreif, welcher durchPunkte bis zur Spitze verlängert ist, die Streifen des Prosternum undden ganzen Randstreif des Mesosternum. Das einzige mir vorliegendeEx. hat den Spitzenrand der Decken dicht längsgestrichelt. Obwohlauf Marseul's Figur eine ähnliche Sculptur angedeutet ist, bin ichnicht sicher, ob dieselbe sich bei dieser Art beständig findet".(According to Schmidt, 1889)

Distribution: BRAZIL. (According to Schmidt, 1889)

Observation: According to Schmidt (1889) this species was described based on a misidentified specimen by Marseul (1853), something similar to what happened with *Omalodes* (*O.*) *intermedius* that was described by Lewis (1907).

***Omalodes* (*O.*) *mazuri* Moura & Almeida, 2013**

Figs: 32A-E.

Omalodes (*O.*) *mazuri* Moura & Almeida, 2013:87.

Type material: This species was recently described. For more information see Moura & Almeida, 2013.

Diagnosis: Frons with strong longitudinal sulcus medially (Fig: 32D); sutural stria present on posterior half (Fig: 32A); prosternal keel with carinal striae indicated on the posterior half, along the prosternal process (Fig: 32B); marginal mesoventral stria complete, beginning close to mesometaventral suture and continuous along the anterior and lateral margins (Fig: 32B).

Description. This species was recently described.For more information see Moura & Almeida, 2013. APPENDIX II: pg. 303.

Distribution: BOLIVIA; PERU.

Observations: The paratype of this species lacks the pair of pronotal foveae close to the lateral punctuation. This probably means that the character is somewhat variable or more probably that those fovea are a developmental anomaly.

Additional material: APPENDIX I: pg. 288.

***Omalodes* (*O.*) *mendax* Marseul, 1861**

Figs: 33A-E, 61A, 65A, 69A.

Omalodes mendax Marseul, 1861:177.
Homalodes mendax: Gemminger et Harold, 1868:764; Mazur, 1997:87.
Omalodes (*Omalodes*) *mendax*:Bickhardt, 1910:33; Desbordes, 1919:48, 62; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:73.

Type material: The type material could not be found on the Muséum National d'Histoire Naturelle (MNHN) however a more thorough search is needed before a Neotype is designated.

Diagnosis: Frons with a medial fovea and a superficial sulcus from the epistoma to the fovea (Fig: 33D); lateral punctures of pronotum weak, present on the entire lateral margin (Fig: 33A); outer subhumeral stria only absent on the anterior third (Fig: 33C); dorsal striae of elytra indicated by a series or aligned punctures (Fig: 33A); 1st abdominal ventrite covered with strong punctures (Fig: 33B); propygidium without any fovea or impression on the posterior half (Fig: 33E).

Redescription. ***Size range*:** length: 4.8–5.2 mm, width: 4.2–4.7 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, with a well delimited medial fovea and a superficial longitudinal sulcus from the epistoma to the fovea; frontal stria about 1.5x wider than long, complete, curved inward towards the medial fovea. ***Pronotum*:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum weak, present on the entire lateral margin. ***Elytra*:** outer subhumeral stria continuous, absent only at the anterior third; inner subhumeral stria indicated by puntures at the posterior half; 1st dorsal stria

indicated by a series of aligned punctures, slightly shortened anteriorly (about 1/6 of its total length); 2nd dorsal stria indicated by a series of aligned punctures, shortened anteriorly (about 1/6 of its total length); 3rd dorsal stria indicated by a series of aligned punctures, complete; 4th and 5th dorsal striae present, the 1st usually complete and the second indicated on the posterior half by a series of aligned punctures; sutural stria usually indicated by punctures at the posterior half; apical stria absent; a few irregularly distributed punctures close to the posterior margin, between 4th and 5th dorsal striae. ***Prosternum*:** prosternal lobe rounded, marginal stria shortened medially; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria with irregular sides, slightly curved towards metaventrite medially, slightly "V" shaped, mesometaventral suture visible along its length. ***Abdomen*:**1st abdominal sternite covered with punctures, almost corrugated; propygidium covered with weak punctures, regularly distributed, without impressions or foveae on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a superficial impression along the lateral margins. ***Male genitalia*:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side, with a wide non sclerotized area medialy on the apex; eighth sternite with a irregular basal emargination; ninth tergite without emargination; tenth tergite with interrupted sclerotization, with one sclerotized area on each side, sides rounded, dorso-ventrally elevated; aedeagus elongated, base of parameres slightly emarginated medialy on ventral view, with a pair of projections on dorsal view, apex truncated, slightly wider close to apex.

Distribution:MEXICO, COSTA RICA, PANAMA, VENEZUELA.

Remarks: This species belongs to a group of species with the dorsal elytral striae indicated by a series of aligned punctures, such as *Omalodes* (*O.*) *foveipennis*, *Omalodes* (*O.*) *monilifer* and *Omalodes* (*O.*) *pulvinatus*. All those species have the dorsal elytral striae indicated by a series or aligned punctures,frons with a medial fovea, a superficial sulcus from the epistoma to the fovea and strong punctures on the 1st abdominal ventrite almost corrugated.However, only *Omalodes* (*O.*) *monilifer* and *Omalodes* (*O.*) *mendax*have a flat propygidium, without any foveae or impression on the posterior half.

Observations: The 4th and 5th dorsal striae are somewhat variable in their length, even though they are usually indicated on the posterior half they can be shortened and present only on the posterior third.

Additional material: APPENDIX I: pg. 288.

***Omalodes* (*O.*) *mestino* Lewis, 1904**

Figs: 34A-E.

Omalodes mestino Lewis, 1904:144.
Omalodes (*Omalodes*) *mestino*: Bickhardt, 1910:33; Desbordes, 1919:44, 58; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the British Museum of Natural History (BMNH) with the following labels: "{white round label, red margin} Type / {white rectangular label} Cazadero; [N. Peron] / {white rectangular label} George Lewis Coll.; B. M. 1926-369. / {white rectangular label} *Omalodes*; *mestino*; Type Lewis / {white rectangular label} Baer".

Diagnosis: Frons flat (Fig: 34D); lateral punctures of pronotum weak, absent on the posterior third (Fig: 34A); prosternal process slender (Fig: 34B); carinal striae indicated on the posterior third (Fig: 34B); propygidium with weak punctures limited to the lateral angles, smooth medially from the anterior to posterior margins (Fig: 34E); pygidium with weak, sparse punctures (Fig: 34E).

Redescription. ***Size range*:** length: 8 mm, width: 6.7 mm. ***Body form*:** body oval, sides almost parallel sided, convex. ***Head*:** frons covered with weak punctures, flat to slightly concave; frontal stria rounded, complete, slightly curved inward towards the middle. ***Pronotum*:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum weak, absent on the posterior third. ***Elytra*:** outer subhumeral stria variable, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria weakly indicated, shortened anteriorly (about 1/6 of its total length), stronger on the anterior third, weaker

towards the posterior margin; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length), with irregular sides and indicated by punctures on the posterior third; 3rd dorsal stria weakly indicated on the anterior half, interrupted and indicated by punctures on the posterior sixth; 4th and 5th dorsal striae absent; sutural absent; apical stria present on the outer third. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel slender, with weak punctures medially, carinal striae of prosternal keel present, weak, present only at the posterior third; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted starting a little before the angles medially; lateral punctures present; mesometaventral stria absent, mesometaventral suture slightly curved towards the prosternum medially. ***Abdomen*:** propygidium with weak punctures limited to the lateral angles, smooth medially from the anterior to posterior margins, without impressions or foveae on the posterior half, on each side; pygidial punctures absent, with a superficial impression on the anterior angles.

Distribution:"Cazadero".

Remarks: The flat frons is also present in *Omalodes* (*O.*) *anthracinus* and *Omalodes* (*O.*) *gagatinus*but the frontal stria in this species is more rounded than in the other species. Similarly the punctures on the propygidium of this species somewhat resembles the ones in *Omalodes* (*O.*) *humerosus*.Both species have the punctures more evident in the lateral angles.However, in *Omalodes* (*O.*) *humerosus*there are additional punctures disperse over the remainder of the structure.

Observations: The outer subhumeral stria is variable on the type specimen; on one elytra the stria is reduced, visible only close to the posterior margin.On the other elytra the stria is longer (present on the posterior third) with the stria interrupted twice along its length.

***Omalodes* (*O.*) *monilifer* Marseul, 1853**

Figs: 35A-E.

Omalodes monilifer Marseul, 1853:520.
Homalodes monilifer: Gemminger et Harold, 1868:764; Mazur, 1997:87.
Omalodes (*Omalodes*) *monilifer*:Bickhardt, 1910:33; Desbordes, 1919:48, 62; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{green round label} 13; *Omalodes*; *monilifer* m; Teapa; [illegible] / "{green round label} 13; *Omalodes*; *monilifer* m; [illegibe]; [illegible, 38] / {white rectangular label, red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90" (type material study based on pictures).

Diagnosis: Frons with a medial fovea and a superficial sulcus from the epistoma to the fovea (Fig: 35D); lateral punctures of pronotum weak, present on the entire lateral margin (Fig: 35A); outer subhumeral stria only absent on the anterior third (Fig: 35C); dorsal striae of elytra indicated by a series or aligned punctures (Fig: 35A); 1st and 2nd dorsal striae shortened anteriorly (Fig: 35B); 1st abdominal ventrite covered with strong punctures (Fig: 35B).

Redescription. ***Size range*****:** length: 5 mm, width: 4.3 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a well delimited medial fovea and a superficial longitudinal sulcus from the epistoma to the fovea; frontal stria about 1.5x wider than long, complete, curved inward towards the medial fovea. ***Pronotum*****:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum weak, present on the entire lateral margin. ***Elytra*****:** outer subhumeral stria continuous, absent only at the anterior third; inner subhumeral stria indicated by puntures at the posterior half; 1st dorsal stria weakly indicated, slightly shortened anteriorly (about 1/6 of its total length), indicated by a series of aligned punctures; 2nd dorsal stria weakly indicated, shortened anteriorly (about 1/6 of its total length), indicated by a series of aligned punctures; 3rd dorsal stria weakly indicated, complete, indicated by a series of aligned punctures; 4th and 5th dorsal striae present, usually indicated on the posterior half by a series of aligned punctures; sutural stria indicated by punctures, absent on the anterior third; apical stria absent; a few irregularly distributed punctures close to the posterior margin, between 4th and 5th dorsal striae. ***Prosternum*****:** prosternal lobe rounded, marginal stria shortened medially; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria with irregular sides, slightly curved towards metaventrite medially, slightly "V" shaped, mesometaventral suture visible along its length. ***Abdomen*****:**1st abdominal sternite covered with punctures, almost corrugated; propygidium covered with weak punctures, regularly distributed, without

impressions or foveae on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a superficial impression along the lateral margins.

Distribution:MEXICO.

Remarks: This species closely resembles *Omalodes* (*O.*) *mendax*.Both present a medial fovea and a superficial sulcus on the frons, have the dorsal stria indicated by aligned punctures and a propygidium covered with punctures, without any foveae or impressions. However this species have a shorter 4th dorsal stria(only present on the posterior half), longer sutural stria and a more round body.

Observations: It is important to note that the length of the striae in this species and in *Omalodes* (*O.*) *mendax* is slightly variable.This species have a shorter 4th dorsal stria and a longer sutural stria than *Omalodes* (*O.*) *mendax*.

Additional material: APPENDIX I: pg. 290.

***Omalodes* (*O.*) *novus* Marseul, 1853**
Figs: 36A-E.

Omalodes novus Marseul, 1853:524.
Homalodes novus: Gemminger et Harold, 1868:764; Mazur, 1997:87.
Omalodes (*Omalodes*) *novus*:Bickhardt, 1910:33; Desbordes, 1919:54, 60; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:73.

Type material: One specimen deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{green round label} 17; *Omalodes*; *novus* m; Carthayen; [illegible] / {white rectangular label, with red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90" here designated as **LECTOTYPE** and another specimen deposited on the same museum with the following labels: "{green round label} *Omalodes*; *novus* m; Carthayen; [illegible] / {yellow square label} [illegible] / {white rectangular label, with red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90" here designated as **PARALECTOTYPE**(type material study based on pictures).

Diagnosis: Frons with a medial fovea (Fig: 36D); lateral punctures of pronotum strong on anterior half, weaker on the posterior half (Fig: 36A); outer subhumeral stria indicated on the posterior half (Fig: 36C); prosternal process about the same width as the prosternal keel (Fig: 36B); propygidium and pygidium with weak, sparse punctures (Fig: 36E).

Redescription. ***Size range*****:** length: 6 mm, width: 5.2 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a well delimited medial fovea; frontal stria about 1.5x wider than long, complete, curved inward towards the medial fovea. ***Pronotum*****:**without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin, strong on the anterior half, weak on the posterior half. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior half; inner subhumeral stria indicated by puntures at the posterior sixth; 1st dorsal stria strongly indicated, slightly shortened anteriorly (about 1/10 of its total length), continuous and indicated by punctures on the posterior fifth; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/10 of its total length), continuous and indicated by punctures on the posterior tenth; 3rd dorsal stria weakly indicated on the anterior half, and indicated by punctures on the posterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process slender, rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria absent, mesometaventral suture straight. ***Abdomen*****:** propygidium with weak, sparse punctures, without impressions or foveae on the posterior half, on each side; pygidial punctures weak, sparse, with a superficial fovea on the anterior angles.

Distribution: COLOMBIA.

Remarks: Even though this species have a strong medial fovea which resembles the one present in *Omalodes* (*O.*) *pulvinatus* they can be easily differentiated from the dorsal elytral stria continuous in this species while in *Omalodes* (*O.*) *pulvinatus* they are indicated by a series of aligned punctures and the propygidium without any foveae or impressions while in *Omalodes* (*O.*) *pulvinatus*a strong fovea is present on each side, on the posterior half.

Observations: The cladistics analysis suggests that this species is closely related to the large group formed by all species with dorsal striae formed by aligned punctures, and those similarities support this hypothesis.

***Omalodes* (*O.*) *obliquistrius* Lewis, 1908**

Figs: 37A-E.

Omalodes obliquistrius Lewis, 1908:142.
Omalodes (*Omalodes*) *obliquistrius*: Bickhardt, 1910:33; Desbordes, 1919:46, 60; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:73.

Type material: One specimen (Holotype) deposited on the British Museum of Natural History (BMNH) with the following labels: "{white round label, red margin} Type / {green rectangular label} Santé Fé; de Bogota / {white rectangular label} George Lewis Coll.; B. M. 1926-369. / {white rectangular label} *Omalodes*; *obliquistrius*; Type Lewis".

Diagnosis: Frons with a longitudinal medial sulcus (Fig: 37D); frontal stria slightly projected towards the epistoma medially (Fig: 37D); lateral punctures of pronotum absent (Fig: 37A); mesometaventral stria curved towards prosternum medially (Fig: 37B); propygidium covered with strong punctures, regularly distributed (Fig: 37E).

Redescription. ***Size range*:** length: 6.2 mm, width: 5.4 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, with a longitudinal sulcus from the epistoma to the fovea, wider close to the epistoma; frontal stria rounded, interrupted and slightly projected towards the epistoma medially. ***Pronotum*:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum absent. ***Elytra*:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria weakly indicated, shortened anteriorly (about 1/6 of its total length); 2nd dorsal stria weakly indicated, shortened anteriorly (about 1/6 of its total length), absent on the posterior third; 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*:** prosternal lobe rounded, marginal stria shortened medially; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, starting a little before the angles medially; lateral punctures

absent; mesometaventral stria curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*:** propygidium covered with strong punctures, regularly distributed, without impressions or foveae on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a fovea on the anterior angles.

Distribution: COLOMBIA.

Remarks: This species is quite similar to *Omalodes* (*O.*) *lucidus*.They have the same frons with a longitudinal sulcus, a frontal stria slightly projected towards the epistoma, a mesometaventral stria curved towards the prosternum medially and strong coarse punctures on the propygidium.However,*Omalodes* (*O.*) *obliquistrius* differs from *Omalodes* (*O.*) *lucidus*by its pronotum without lateral punctures and the absence of irregular punctures close to the posterior margin of the elytra.

Observations: Although this species and *Omalodes* (*O.*) *lucidus* resemble each other on their morphology, their distribution is different.While *Omalodes* (*O.*) *lucidus*is only found on low altitudes in the Amazon, *Omalodes* (*O.*) *obliquistrius*is only known in higher altitudes (around 2,500) around Bogotá. The type locality of this species is Santa Fé de Bogotá which, in the past, was the name of the capital of Colômbia (Bogotá).

***Omalodes* (*O.*) *omega* (Kirby, 1818)**

Figs: 38A-E, 61B, 65B, 69B.

Hister omega Kirby, 1818:394; Mazur, 1997:87.
Omalodes borealis: J. E. LeConte, 1844:185; Marseul, 1853:506; Bickhardt, 1910:33;Blackwelder, 1944:182; Mazur, 1997:87.
Homalodes omega: Gemminger et Harold, 1868:764; Mazur, 1997:87.
Omalodes (*Omalodes*) *omega*: Bickhardt, 1910:33; Desbordes, 1919:54, 59; Blackwelder, 1944: 182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:74.

Type material: One specimen (Holotype) deposited on the British Museum of Natural History (BMNH) with the following labels: "{white round label, red margin} Type / {white round label} 68; 40 / {white rectangular label} *omega* K; [illegible] Brazil".

Diagnosis: Frons with a medial longitudinal sulcus (Fig: 38D); lateral punctures of pronotum strong on the anterior half, weaker on the posterior half (Fig: 38A); humeral callus dilated

(Fig: 38A); propygidium with strong punctures limited to two circular areas on the sides medially (Fig: 38E); pygidial punctures strong, limited to two circular areas on the sides (Fig: 38E).

Redescription. ***Size range*****:** length: 8.6–9.2 mm, width: 7.4–7.8 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a superficial longitudinal sulcus from the epistoma to the middle of the frons; frontal stria about 1.5x wider than long, complete, slightly curved inward towards the middle of the frons. ***Pronotum*****:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin, strong on the anterior half, weak on the posterior half. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria strongly indicated on the anterior half, weaker on the posterior half, slightly shortened anteriorly (about 1/10 of its total length); 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length); 3rd dorsal stria weakly indicated on the anterior half, interrupted and indicated by punctures on the posterior margin; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** Marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria absent, mesometaventral suture slightly curved towards the prosternum on each side medially. ***Abdomen*****:** propygidium with strong punctures limited to two circular areas on the sides medially, without impressions or foveae on the posterior half, on each side; pygidial punctures strong, limited to two circular areas on the sides, with a fovea on the anterior angles. ***Male genitalia*****:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with a irregular basal emargination; ninth tergite without small apical emargination; tenth tergite with continuous sclerotization medially, non sclerotized on the base and apex, only slightly on the base, sides rounded; aedeagus elongated, base of parameres with a pair of projections on dorsal view and concave in ventral view, apex truncated, parallel sided.

Distribution:BRAZIL, PARAGUAY, ARGENTINA.

Remarks: This species is one of the largest in the genus, along with*Omalodes* (*O.*) *lapsans* and *Omalodes* (*O.*) *grossus*. The main difference between those species is their frons and distribution range, while *Omalodes* (*O.*) *omega*has a strong longitudinal sulcus and is only found in the southern part of South America.*Omalodes* (*O.*) *lapsans* and *Omalodes* (*O.*) *grossus* have a medial impression or fovea on the frons and are mainly collected in Central America and the south border of the USA, respectively.

Observations: The cladystic analysis suggests a close relationship between this species and several other species that, even though do not share great morphological traits, share a common distributional range.They are found almost exclusively in the southern part of South America.

Additional material: APPENDIX I: pg. 290.

***Omalodes* (*O.*) *optatus* Lewis, 1911**

Figs: 39A-E.

Omalodes optatus Lewis, 1911:80.
Omalodes (*Omalodes*) *optatus*:Bickhardt, 1910:33; Desbordes, 1919:47, 60; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:74.

Type material: One specimen (Holotype) deposited on the British Museum of Natural History (BMNH) with the following labels: "{white round label, red margin} Type / {white rectangular label} Alto Paraná; Bertoni / {white rectangular label} George Lewis Coll.; B. M. 1926-369. / {white rectangular label} *Omalodes*; *optatus*; Type Lewis".

Diagnosis: Frons with a medial longitudinal sulcus (Fig: 39D); lateral punctures of pronotum strong, weaker on the posterior third (Fig: 39A); propygidium with strong punctures limited to two circular areas on the sides medially (Fig: 39E); pygidial punctures strong, with a smooth semicircular area medially on the anterior half (Fig: 39E).

Redescription. *Size range*: length: 8.3 mm, width: 7 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, with a strong longitudinal sulcus from the epistoma to the middle of the frons, wider close to the epistoma; frontal stria about 1.5x wider than long, complete, curved inward towards the middle of the frons. ***Pronotum*:** without

foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin, strong on the anterior 2/3, weak on the posterior third. ***Elytra*:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria strongly indicated on the anterior half, weaker on the posterior half, slightly shortened anteriorly (about 1/10 of its total length); 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal stria absent; sutural stria absent; apical stria absent. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria absent, mesometaventral suture slightly curved towards the prosternum medially. ***Abdomen*:** propygidium with strong punctures limited to two circular areas on the sides medially, without impressions or foveae on the posterior half, on each side; pygidial punctures strong, limited to lateral and posterior margins.

Distribution: BRAZIL.

Remarks: This species resembles *Omalodes* (*O.*) *omega*by its frons with a medial longitudinal sulcus, lateral punctures of pronotum strong and propygidium with strong punctures limited to a circular area on each side.However, the pronotum has weaker lateral punctures on the posterior third in *Omalodes* (*O.*) *optatus*and the punctures on the pygidium cover a bigger area in this species, with only a smooth semicircular area on the anterior half.

***Omalodes* (*O.*) *perpolitus* Schmidt, 1893**

Figs: 40A-E.

Omalodes perpolitus Schmidt, 1893:11.
Omalodes (*Omalodes*) *perpolitus*:Bickhardt, 1910:33; Desbordes, 1919:45, 61; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:74.

Type material: One specimen (Holotype) deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{white rectangular label} Rio Jac.; Guatemal. / {orange square label} Type / {white rectangular label} coll. J. Schmidt /

{white rectangular label} *perpolitus* / {white rectangular label} *perpolitus*; Schm. / {red rectangular label} HOLOTYPUS; *Omalodes perpolitus*; Schmidt, 1893; labelled by MNHUB 2010".

Diagnosis: Frons flat (Fig: 40D); frontal stria weakly indicated (Fig: 40D); lateral punctures of pronotum weak (Fig: 40A); outer subhumeral stria indicated on posterior half (Fig: 40C); dorsal elytral striae weak (Fig: 40A); propygidium without punctures, with a superficial fovea on each side on the posterior half (Fig: 40E); pygidium without punctures (Fig: 40E).

Redescription. ***Size range*****:** length: 5–6.1 mm, width: 4.2–5 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, flat; frontal stria about 2x wider than long, complete. ***Pronotum*****:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum weak, present on the entire lateral margin. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior half; inner subhumeral stria absent; 1st dorsal stria weakly indicated, shortened anteriorly (about 1/6 of its total length); 2nd dorsal stria weakly indicated, shortened anteriorly (about 1/6 of its total length); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria slightly curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium smooth, with a pair of fovea on the posterior half, on each side; pygidium smooth, with a superficial fovea on the anterior angles.

Distribution:GUATEMALA, NICARAGUA, COSTA RICA, PANAMA, COLOMBIA, ECUADOR.

Remarks: The flat frons, weak lateral punctures on pronotum and outer subumeral stria only indicated on the posterior half of this species resemble that of *Omalodes* (*O.*) *anthracinus*, *Omalodes* (*O.*) *gagatinus* and *Omalodes* (*O.*) *sobrinus*.However,*Omalodes* (*O.*) *perpolitus*has a completely smooth propygidium and pygidium. Also, the presence of a superficial fovea on

the propygidium is something uncommon for the genus, most species with foveae on the propygidium have strong ones, such as *Omalodes* (*O.*) *foveola*.

Additional material: APPENDIX I: pg. 291.

***Omalodes* (*O.*) *planifrons* Marseul, 1853**

Figs: 41A-E.

Omalodes planifrons Marseul, 1853:526.
Homalodes planifrons: Gemminger et Harold, 1868:764; Mazur, 1997:87.
Omalodes (*Omalodes*) *planifrons*:Bickhardt, 1910:33; Desbordes, 1919:46, 60; Blackwelder, 1944:183; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:74.

Type material: One specimen (Holotype) deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{green round label} 19; *Omalodes*; *planifrons* m; Bresil St. Cat.; [illegible] / {white rectangular label, red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90" (type material study based on pictures).

Diagnosis: Frons flat (Fig: 41D); lateral punctures of pronotum absent (Fig: 41A); outer subhumeral stria absent on the anterior fourth (Fig: 41C); lateral punctures of prosternal keel absent (Fig: 41B); marginal mesoventral stria starting a little before the angles medially (Fig: 41B); propygidium with strong, coarse punctures with a small semicircular smooth area medially on the anterior margin (Fig: 41E).

Redescription. ***Size range*:** length: 7 mm, width: 5.7 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, flat; frontal stria about 1.5x wider than long, complete. ***Pronotum*:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum absent. ***Elytra*:** outer subhumeral stria continuous, absent only at the anterior 4th; inner subhumeral stria absent; 1st dorsal stria strongly indicated, complete; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*:** prosternal lobe rounded, marginal stria slightly shortened

medially; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, starting a little before the angles medially; lateral punctures absent; mesometaventral stria slightly curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*:** propygidium with strong and coarse punctures except for a small semicircular smooth area medially on the anterior margin, without impressions or foveae on the posterior half, on each side; pygidial punctures strong, regularly distributed, without impressions or foveae on the anterior angles. ***Male genitalia*:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with a regular basal emargination; ninth tergite with a small apical emargination; tenth tergite with interrupted sclerotization, with one sclerotized area on each side, sides rounded, with a wide non sclerotized area laterally; aedeagus elongated, base of parameres with a pair of projections on dorsal view, slightly emarginated medialy on ventral view, apex truncated, parallel sided with a small constriction apically.

Distribution: BRAZIL.

Remarks: The flatfrons of this species resembles that of *Omalodes* (*O.*) *anthracinus* and *Omalodes* (*O.*) *gagatinus*.However, the absence of lateral punctures on the pronotum and the strong coarse punctures on propygidium differentiate *Omalodes* (*O.*) *planifrons* from those species. Similarly the long outer subhumeral stria is also present in species such *Omalodes* (*O.*) *fortunatus* and *Omalodes* (*O.*) *pulvinatus*.However, neither of those species have the stria only absent on the anterior fourth. The semicircular smooth area on the propygidium resembles *Omalodes* (*O.*) *punctulatus*, although, the punctures in the second species are slightly weaker and not as coarse as the ones in *Omalodes* (*O.*) *planifrons*.

Observations: The 1st dorsal stria sometimes can be weaker on the posterior third,2nd and 3rd dorsal stria sometimes with a few punctures on the posterior sixth, marginal stria of prosternal lobe sometimes complete, marginal stria of mesoventrite longer, only slightly shortened medially or complete.

***Omalodes* (*O.*) *praevius* Marseul, 1861**

Figs: 42A-E.

Omalodes praevius Marseul, 1861:176.
Homalodes praevius: Gemminger et Harold, 1868:764; Mazur, 1997:87.
Omalodes (*Omalodes*) *praevius*: Bickhardt, 1910:33; Desbordes, 1919:52, 61; Blackwelder, 1944:182; Mazur, 1984:224; Mazur, 1997:87; Mazur, 2011:74.

Type material:The type material could not be found on the Muséum National d'Histoire Naturelle (MNHN) however a more thorough search is needed before a Neotype is designated.

Diagnosis: Frons with a medial superficial sulcus (Fig: 42D); frontal stria rounded, complete (Fig: 42D); lateral punctures of pronotum absent on the posterior third (Fig: 42A); propygidium covered with strong punctures, regularly distributed (Fig: 42E).

Redescription. ***Size range*****:** length: 5.3–6.2 mm, width: 4.5–5.3 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a medial superficial longitudinal sulcus from the epistoma to the middle of the frons, wider close to the epistoma; frontal stria rounded, complete. ***Pronotum*****:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the anterior 2/3 of the lateral margin, strong on the angles, weaker towards the posterior third. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria weakly indicated, shortened anteriorly (about 1/6 of its total length); 2nd dorsal stria weakly indicated, shortened anteriorly and posteriorly (about 1/6 of its total length anteriorly and 2/6 of its length posteriorly); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria widely shortened medially; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria slightly curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium covered with strong punctures, regularly distributed, without impressions or foveae on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a fovea on the anterior angles.

Distribution: PANAMA; VENEZUELA. (According to Mazur, 1997)

Remarks: This species is similar to *Omalodes* (*O.*) *punctistrius* specially when considering their frons and punctures on the propygidium.However,*Omalodes* (*O.*) *praevius*differs from *Omalodes* (*O.*) *punctistrius*by the absence of lateral punctures on the posterior third of the pronotum and by the absence of punctures near the posterior margin of the elytra.

Observations: This redescription was based on a specimen from the Bickhardt collection deposited in the Muséum National d'Histoire Naturelle (MNHN). However there are a few differences between this specimen and the description given by Marseul (1861), which suggests a small degree of variation for the species.

***Omalodes* (*O.*) *pulvinatus* Erichson, 1834**

Figs: 43A-E, 61C, 65C, 69C.

Omalodes pulvinatus Erichson, 1834:123; Marseul, 1853:521.
Omalodes cognatus: DeJean, 1837:142 (**nom. nud.**); Marseul, 1857:477; Mazur, 1997:88.
Homalodes pulvinatus: Gemminger et Harold, 1868:764; Mazur, 1997:88.
Omalodes foveipennis:Lewis, 1902:237; Mazur, 1997:88.
Omalodes (*Omalodes*) *foveipennis*: Bickhardt, 1910:33.
Omalodes (*Omalodes*) *pulvinatus*:Bickhardt, 1910:33; Desbordes, 1919:48, 62; Blackwelder, 1944:183; Mazur, 1984:224; Mazur, 1997:88; Mazur, 2011:74.

Type material: One specimen (Holotype) deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{white rectangular label} 48758 / {green rectangular label} Hist. –Coll. (Coleoptera); Nr. 48758; *Omalodes pulvinatus* Er.; Para, Sieber; Zool. Mus. Berlin / {green rectangular label} *pulvinatus*; Er.; Pará Sieb. / {red rectangular label} SYNTYPE; *Omalodes pulvinatus*; Erichson, 1834; labelled by MFNB 2014".

Diagnosis: Frons with a medial fovea and a superficial sulcus from the epistoma to the fovea (Fig: 43D); lateral punctures of pronotum weak, present on the entire lateral margin (Fig: 43A); outer subhumeral stria only absent on the anterior third (Fig: 43C); dorsal striae of elytra indicated by a series of aligned punctures (Fig: 43A); 1st abdominal ventrite covered by strong punctures (Fig: 43B); propygidium with a strong fovea on each side, on the posterior half (Fig: 43E).

Redescription. ***Size range*****:** length: 4.8–5.1 mm, width: 4.1–4.5 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a well delimited medial fovea and a superficial longitudinal sulcus from the epistoma to the fovea; frontal stria about 1.5x wider than long, complete, curved inward towards the medial fovea. ***Pronotum*****:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum weak, present on the entire lateral margin. ***Elytra*****:** outer subhumeral stria continuous, absent only at the anterior third; inner subhumeral stria indicated by puntures at the posterior half; 1st dorsal stria indicated by a series of aligned punctures, slightly shortened anteriorly (about 1/6 of its total length); 2nd dorsal stria indicated by a series of aligned punctures, shortened anteriorly (about 1/6 of its total length); 3rd dorsal stria indicated by a series of aligned punctures, complete; 4thdorsal stria indicated by a series of aligned punctures, complete and 5th dorsal stria present, usually indicated on the posterior half by a series of aligned punctures; sutural stria usually indicated by punctures at the posterior half; apical stria absent; a few irregularly distributed punctures close to the posterior margin, between 4th and 5th dorsal striae. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria with irregular sides, slightly curved towards metaventrite medially, slightly "V" shaped, mesometaventral suture visible along its length. ***Abdomen*****:**1st abdominal sternite covered with punctures, almost corrugated; propygidium covered with strong punctures, regularly distributed, with a fovea on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a superficial impression along the lateral margins. ***Male genitalia*****:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite without basal emargination; ninth tergite with a small apical emargination; tenth tergite with interrupted slerotization, one sclerotized area on each side, with irregular sides; aedeagus elongated, base of parameres concave on dorsal and ventral view, apex truncated, parallel sided.

Distribution:TRINIDAD & TOBAGO, FRENCH GUIANA, VENEZUELA, BRAZIL, PERU, BOLIVIA.

Remarks: This species is quite similar to *Omalodes* (*O.*) *mendax* and *Omalodes* (*O.*) *monilifer*.The main differences between those species is the presence of a strong fovea on the

posterior half of propygidium in *Omalodes* (*O.*) *pulvinatus*, while the other species have a flat propygidium.Smaller differences on the elytral striae can also be found between the species (for more information see the remarks of *Omalodes* (*O.*) *mendax* and *Omalodes* (*O.*) *monilifer*).

Observations: The 4th dorsal stria is variable in this species, in a few specimens the stria is complete (or almost complete) and in most others the stria is shorter, usually indicated on the posterior half. The prosternal lobe is also variable, being rounded or slightly truncated with the sides rounded.Its marginal stria is also variable, usually complete but sometimes slightly interrupted medially.

Additional material: APPENDIX I: pg. 295.

***Omalodes* (*O.*) *punctistrius* Marseul, 1853**

Figs: 44A-E, 61D, 65D, 69D.

Omalodes punctistrius Marseul, 1853:516.
Homalodes punctistrius: Gemminger et Harold, 1868:764; Mazur, 1997:88.
Omalodes (*Omalodes*) *punctistrius*:Bickhardt, 1910:33; Desbordes, 1919:49, 61; Blackwelder, 1944:183; Mazur, 1984:225; Mazur, 1997:88; Mazur, 2011:74.

Type material: One specimen (Holotype) deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{green round label} 10; *Omalodes*; *punctistrius*; m; Bresil; [Z. Dayz] [illegible] / {white rectangular label, red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90" (type material study based on pictures).

Diagnosis: Frons with a medial longitudinal sulcus (Fig: 44D); lateral punctures of pronotum strong on the anterior half, weaker on the posterior half (Fig: 44A); 3rd dorsal stria continuous on anterior half, indicated by punctures on posterior half (Fig: 44A); propygidium with strong punctures, slightly more coarse on the posterior half and anterior margin, sparse medially (Fig: 44E).

Redescription. *Size range*: length: 6.5–7.3 mm, width: 5.7–6.4 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, with a longitudinal sulcus from the

epistoma to the middle of the frons, wider close to the epistoma; frontal stria rounded, complete, curved inward towards the middle of the frons. ***Pronotum*:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin, strong on the anterior half, weaker on the posterior half. ***Elytra*:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria strongly indicated, slightly shortened anteriorly (about 1/10 of its total length), continuous and indicated by punctures on the posterior fifth; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length), continuous and indicated by punctures on the posterior fifth; 3rd dorsal stria weakly indicated on the anterior half, indicated by punctures on the posterior half; 4th and 5th dorsal striae absent; sutural stria indicated by punctures at the posterior sixth; apical stria absent; a few irregularly distributed punctures close to the posterior margin, between third and sutural striae. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:**marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria absent, mesometaventral suture slightly curved towards the prosternum medially. ***Abdomen*:** propygidium with strong punctures, slightly more coarse on the posterior half and anterior margin, sparse medially, without impressions or foveae on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a superficial fovea on the anterior angles.

Distribution:MEXICO, NICARAGUA, COSTA RICA, PANAMA, VENEZUELA, BRAZIL.

Remarks: The frons with a medial longitudinal sulcus is common is various species such *Omalodes* (*O.*) *omega* and *Omalodes* (*O.*) *optatus*.Various species also have the lateral punctures of pronotum strong on the anterior half and weak on posterior half, however most of those species have the 3rd dorsal stria only present on the anterior half.

Additional material: APPENDIX I: pg. 298.

***Omalodes* (*O.*) *punctulatus* Moura & Almeida 2013**

Figs: 45A-E.

Omalodes (*O.*) *punctulatus* Moura & Almeida, 2013:94.

Type material: This species was recently described. For more information see Moura & Almeida, 2013.

Diagnosis: Frons with a medial fovea (Fig: 45D); lateral punctures of pronotum stronger and covering a wider area at anterior third (Fig: 45A); propygidium almost completely covered with punctures, except for a semicircular area on anterior margin, with a superficial impressions on each side at posterior half (Fig: 45E).

Description. This species was recently described.For more information see Moura & Almeida, 2013.APPENDIX II: pg. 303.

Distribution: BRAZIL.

Observations: The inner subhumeral stria can be present only at the posterior 5th or absent.The punctures next to the posterior margin of the elytra can vary in number and intensity.The sutural stria can be completely absent and a few specimens have the dorsal striae more strongly indicated.

***Omalodes* (*O.*) *rivus* Moura & Almeida, 2013**
Figs: 46A-E.

Omalodes (*O.*) *rivus* Moura & Almeida, 2013:91.

Type material: This species was recently described. For more information see Moura & Almeida, 2013.

Diagnosis: Frons flat or slightly concave (Fig: 46D); outer subhumeral stria indicated on posterior half (Fig: 46C); marginal stria of mesoventrite usually only present on angles or slightly along anterior margin (Fig: 46B); propygidium with strong punctures, slightly sparser at anterior half (Fig: 46E).

Description. This species was recently described.For more information see Moura & Almeida, 2013.APPENDIX II: pg. 303.

Distribution: BRAZIL, BOLIVIA.

***Omalodes* (*O.*) *ruficlavis* Marseul, 1853**

Omalodes ruficlavis Marseul, 1853:531.
Omalodes laevigatus: Erichson, 1834:121; Marseul, 1857:478; Mazur, 1997:88.
Omalodes klugii: Marseul, 1862:707 (**sic!**); Mazur, 1997:88.
Omalodes (*Omalodes*) *klugii*: Bickhardt, 1910:33.
Omalodes kluge: Blackwelder, 1944:182 (**sic!**).
Homalodes ruficlavis: Gemminger et Harold, 1868:764; Mazur, 1997:88.
Homalodes klugii: Gemminger et Harold, 1868:763 (**sic!**); Mazur, 1997:88.
Omalodes vitreolucens: Casey, 1893:536; Mazur, 1997:88.
Omalodes (*Omalodes*) *ruficlavis*: Bickhardt, 1910:33; Desbordes, 1919:47, 61; Blackwelder, 1944:183; Mazur, 1984:225; Mazur, 1997:88; Mazur, 2011:74.

Type material:The type material could not be found on the Muséum National d'Histoire Naturelle (MNHN) however a more thorough search is needed before a Neotype is designated.

Diagnosis: "Subrotundatus, convexus, niger, nitidus; fronte clypeoque depressis puncticulatis, stria integra retrorsum antice subangulata; pronoto lateribus puncticulato, stria pone oculos angulata; elytris stria subhumerali, apice continuata, 3 dorsalibus tenuissimis; propygidio pygidioque parce punctatis; tibiis anticis 4-dentatis".(According to Marseul, 1853)

Redescription. ***Size range*:**length: 9 mm, width: 7 mm.
"Ovale, arrondi, convexe, noir luisant. Antennes noires, massue brune. Front déprimé, ainsi que l'épistome, pointillé; strie entire, peu profonde, formant un angle reentrant en devant. Pronotum court, bisinué à la base, avec un petit point ante-scutellaire, oblique et pointillé sur les côtés, rètréci et èchancré en devant, avec les angles abaissés, peu aigus; strie latérale forte, entire, angulense derrière les yeux. Ecusson petit, triangulaire. Elytres bombées, plus larges et aussi longues que le pronotum à la base, arrondies sur les côtés, sans épaules saillantes, obliques et rétrécies au bord apical, avec un petit angle sutural; strie subhumérale fort courte antérieurement, prolongée au bord apical jusqu'à la suture; dorsales très fines; 1-2 entières,

ponctuées, troisième courte. Propygidium couvert de points espacés. Pygidium réguliérement ponctué. Prosternum sans stries. Mésosternum fort court, profondément échancré; strie marginale interrompue. Jambes antérieures quadri-dentées; intermédiaires garnies de quatre épines fortes; postérieures de quatre petites".(According to Marseul, 1853)

Distribution: MEXICO, CUBA, HAITI. (According to Marseul, 1853)

Remarks:"…dans les végétaux charnus en decomposition, comme Palmier, Papayer, etc." (According to Marseul, 1853)

Observations: Just like all species with a distribution for the Carribean, this species have a complete apical stria, which seems like a strong morphological character that supports this particular group of species.

***Omalodes* (*O.*) *serenus* Erichson, 1834**

Figs: 47A-E.

Omalodes serenus Erichson, 1834:123; Marseul, 1853:536.
Homalodes serenus: Gemminger et Harold, 1868:764; Mazur, 1997:88.
Omalodes (*Omalodes*) *serenus*: Bickhardt, 1910:33; Desbordes, 1919:53, 60; Blackwelder, 1944:183; Mazur, 1984:25; Mazur, 1997:88; Mazur, 2011:74.

Type material: One specimen (Holotype) deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{white rectangular label} 48757 / {green rectangular label} *serenus*; Er.; Brasil. Virm. / {red rectangular label} SYNTYPUS; *Omalodesserenus*; Erichson, 1834; labelled by MNHUB 2010 / {green rectangular label} Hist. -Coll. (Coleoptera); Nr. 48757; *Omalodesserenus* Er. x; Brasil, Virmond; Zool. Mus. Berlin".

Diagnosis: Frons flat (Fig: 47D); lateral punctures of pronotum weak (Fig: 47A); outer subhumeral stria present on posterior half (Fig: 47C); dorsal elytral striae weak (Fig: 47A); lateral punctures of prosternal keel absent (Fig: 47B); prosternal process with a wide superficial impression (Fig: 47B); propygidium with a smooth horizontal area only on the anterior and posterior margin, punctures stronger on sides, weaker medially (Fig: 47E).

Redescription. ***Size range*****:** length: 5.4 mm; width: 4.7 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, flat or slightly concave medially; frontal stria about 1.5x wider than long, complete. ***Pronotum*****:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin, weak, almost non visible. ***Elytra*****:**outer subhumeral stria continuous, present at the posterior half; inner subhumeral stria absent; 1st dorsal stria weakly indicated, shortened anteriorly (about 1/6 of its total length); 2nd dorsal stria weakly indicated, shortened anteriorly (about 1/6 of its total length); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded, with a wide superficial impression. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria slightly visible, curved towards prosternum on each side medially, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium with a smooth horizontal area only on the anterior and posterior margin, punctures stronger on the sides, weaker medially; pygidial punctures strong, regularly distributed, with a superficial fovea on the anterior angles.

Distribution: BRAZIL.

Remarks: This species is extremely similar to *Omalodes* (*O.*) *anthracinus* externally.The only difference between the two species is the presence of a superficial wide impression on the prosternal process in *Omalodes* (*O.*) *serenus*that is completely absent in *Omalodes* (*O.*) *anthracinus*. This species also resembles *Omalodes* (*O.*) *sobrinus* and *Omalodes* (*O.*) *gagatinus* except for the punctures on the propygidium, for additional information see pg. 111.

Observations: Even though this species is almost identical to *Omalodes* (*O.*) *anthracinus* in regards to their external morphology, this species will not be regarded as a new synonym.

***Omalodes* (*O.*) *seriatus* Schmidt, 1889**

Figs: 48A-E, 61E, 65E, 69E.

Omalodes seriatus Schmidt, 1889:364.
Omalodes (*Omalodes*) *seriatus*:Bickhardt, 1910:33; Desbordes, 1919:43, 59; Blackwelder, 1944:183; Mazur, 1984:225; Mazur, 1997:88; Mazur, 2011:74.

Type material: One specimen deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{white rectangular label} Amazon / {orange square label} Type / {red rectangular label} SYNTYPUS; *Omalodes seriatus*; Schmidt, 1889; labelled by MNHUB 2010" here designated **LECTOTYPE** and another 2 specimens from the same museum with the following labels: "{red rectangular label} SYNTYPUS; *Omalodes seriatus*; Schmidt, 1889; labelled by MNHUB 2010" and "{white rectangular label} Schmidt, J. E. F. col. / {red rectangular label} SYNTYPUS; *Omalodes seriatus*; Schmidt, 1889; labelled by MNHUB 2010" here designated **PARALECTOTYPE**.

Diagnosis: Frons with a superficial longitudinal sulcus medially (Fig: 48D); frontal stria slightly projected towards the epistoma medially (Fig: 48D); lateral punctures of pronotum absent (Fig: 48A); outer subhumeral stria slightly shortened anteriorly (about 1/10 of its length)(Fig: 48C); 3rd dorsal stria continuous on anterior half, indicated by punctures on the posterior half (Fig: 48A); propygidium with strong punctures and a small semicircular smooth area on the anterior margin medially (Fig: 48E).

Redescription. ***Size range*****:** length: 5.8–6.3 mm; width: 4.9–5.5 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a superficial longitudinal sulcus from the epistoma to the middle of the frons; frontal stria about 1.5x wider than long, interrupted and slightly projected towards the epistoma medially. ***Pronotum*****:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum absent. ***Elytra*****:** outer subhumeral stria almost complete, slightly shortened anteriorly (about 1/10 of its length); inner subhumeral stria indicated by puntures at the posterior half; 1st dorsal stria strongly indicated, complete, continuous on the anterior half, indicated by puntures on the posterior half; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length), continuous on the remainder of the anterior half, indicated by punctures until the posterior margin; 3rd dorsal stria weakly indicated on the anterior half, indicated by punctures on the posterior half; 4th and 5th dorsal striae absent; sutural stria indicated by punctures at the posterior third; apical stria absent; a few irregularly distributed punctures close to the posterior margin, between third and sutural striae. ***Prosternum*****:** prosternal lobe slightly

truncated, marginal stria complete; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria slightly curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium with strong punctures, a small semicircular smooth area on the anterior margin medially, without impressions or foveae on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a fovea on the anterior angles. ***Male genitalia*****:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with a basal emargination and a small projection; ninth tergite without apical emargination; tenth tergite with interrupted sclerotization, with one sclerotized area on each side, closer medially, sides rounded with a small non sclerotized area laterally; aedeagus elongated, base of parameres straight in dorsal and ventral view, apex truncated, parallel sided.

Distribution: FRENCH GUIANA, BRAZIL.

Remarks: The frontal stria of this species resembles that of *Omalodes* (*O.*) *foveola* and *Omalodes* (*O.*) *lucidus*.The punctures of the propygidium also resemble *Omalodes* (*O.*) *lucidus*.However this species differs from both by the absence of lateral punctures on the pronotum and a long outer subhumeral stria, complete or almost complete. Another difference, although more difficult to describe and visualize, is the almost truncated prosternal lobe and wider prosternal keel and process.The difference can be visualized when comparing specimens from all three species.However, individually those differences are easily missed.

Observations: The outer subhumeral stria in this species presents a small degree of variation on its length(complete or only slightly shortened anteriorly).

Additional material: APPENDIX I: pg. 299.

***Omalodes* (*O.*) *simplex* Lewis, 1908**

Figs: 49A-E.

Omalodes simplex Lewis, 1908:143.

Omalodes (*Omalodes*) *simplex*:Bickhardt, 1910:33; Desbordes, 1919:46, 60; Blackwelder, 1944:183; Mazur, 1984:225; Mazur, 1997:88; Mazur, 2011:74.

Type material: One specimen (Holotype) deposited on the British Museum of Natural History (BMNH) with the following labels: "{white round label, red margin} Type / {white rectangular label} Trinidad; [Ellacombe] / {white rectangular label} George Lewis Coll.; B. M. 1926-369. / {white rectangular label} *Omalodes*; *simplex*; Type Lewis".

Diagnosis: Frons flat (Fig: 49D); lateral punctures of pronotum weak, more sparse (Fig: 49A); outer subhumeral stria indicated on posterior half (Fig: 49C); marginal mesoventral stria interrupted, starting a little before the angles medially (Fig: 49B); propygidium with strong punctures, slightly sparser at anterior half (Fig: 49E).

Redescription. ***Size range*****:** length: 6.2 mm; width: 5.4 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, flat or slightly concave medially; frontal stria about 1.5x wider than long, complete. ***Pronotum*****:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum weak, present on the entire lateral margin. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior half; inner subhumeral stria absent; 1st dorsal stria strongly indicated, complete, continuous on the anterior half, indicated by punctures on the posterior half; 2nd dorsal stria strongly indicated, shortened anteriorly (about 1/6 of its total length), continuous and indicated by punctures on the posterior third; 3rd dorsal stria weakly indicated on the anterior half, interrupted and indicated by punctures on the posterior sixth; 4th and 5th dorsal striae absent; sutural stria indicated by punctures at the posterior third; apical stria absent; a few irregularly distributed punctures close to the posterior margin, between third and sutural striae. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, starting a little before the angles medially; lateral punctures absent; mesometaventral stria slightly curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium covered with strong punctures, regularly distributed, without impressions or foveae on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a superficial fovea on the anterior angles.

Distribution: TRINIDAD &TOBAGO.

Remarks: This species is extremely similar to *Omalodes* (*O.*) *rivus* except for the slightly stronger, coarser lateral punctures on the pronotum and the presence of lateral punctures on the mesoventrite in *Omalodes* (*O.*) *rivus*. Additionally their known distribution is different, while *Omalodes* (*O.*) *simplex* is only known for Trinidad & Tobago, *Omalodes* (*O.*) *rivus* was collected along rivers in the brazilian amazon (mostly in the states of Amapá, Amazonas, Pará and Rondônia).

***Omalodes* (*O.*) *sinuaticollis* Marseul, 1853**

Figs: 50A-E, 61F, 65F, 69F.

Omalodes sinuaticollis Marseul, 1853:535.
Homalodes sinuaticollis: Gemminger et Harold, 1868:764; Mazur, 1997:88.
Omalodes (*Omalodes*) *sinuaticollis*:Bickhardt, 1910:33; Desbordes, 1919:48, 61; Blackwelder, 1944:183; Mazur, 1984:225; Mazur, 1997:88; Mazur, 2011:74.

Type material: One specimen (Holotype) deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{green round label} 28; *Omalodes*; *sinuaticollis*; [illegible] m / {white rectangular label, red letters} TYPE / {white rectangular label} MUSEUM PARIS; COLL. DE MARSEUL; 2842-90" (type material study based on pictures).

Diagnosis: Frons with a medial fovea (Fig: 50D); anterior angles slightly impressed (Fig: 50A); lateral punctures of pronotum weak, sparse (Fig: 50A); 3rd dorsal stria with a strong fovea near the anterior margin (Fig: 50A); propygidium with stronger punctures on the anterior and lateral margins, weaker and more sparse punctures on the remainder of the structure (Fig: 50E); pygidium with weak and sparse punctures (Fig: 50E).

Redescription. ***Size range*:** length: 6–6.4 mm; width: 5.2–5.5 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, with a well delimited medial fovea and sometimes a superficial longitudinal sulcus from the epistoma to the fovea; frontal stria about 1.5x wider than long, complete, slightly projected towards the epistoma medially. ***Pronotum*:** without foveae, anterior angles slightly projected, almost the same length as the head when

completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin, weak and sparse. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral stria absent; 1st dorsal stria weakly indicated, slightly shortened posteriorly (about 1/8 of its total length); 2nd dorsal stria weakly indicated, shortened anteriorly and posteriorly (about 1/8 of its total length); 3rd dorsal stria weakly indicated on the anterior half, with a strong fovea near the anterior margin; 4th and 5th dorsal striae absent; sutural stria indicated by punctures, absent on the anterior third; apical stria absent. ***Prosternum*****:** prosternal lobe rounded, marginal stria shortened medially; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:**marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria with irregular sides, slightly curved towards metaventrite medially, slightly "V" shaped, mesometaventral suture visible along its length. ***Abdomen*****:** propygidium with stronger punctures on the anterior and lateral margins, weaker and more sparse punctures on the remainder of the structure, without any foveae or impressions on the posterior half, on each side; pygidial punctures weak and sparse, mostly visible on the anterior half, with a superficial fovea on the anterior angles. ***Male genitalia*****:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with a angular basal emargination; ninth tergite with a superficial apical emargination; tenth tergite with interrupted sclerotization, with one sclerotized area on each side, sides rounded; aedeagus elongated, base of parameres with a pair of projections on dorsal view, widely emarginated in ventral view, apex truncated, with a small constriction laterally close to apex.

Distribution:BRAZIL.

Remarks: The punctures in the propygidium somewhat resemble those in *Omalodes* (*O.*) *faustus* with minor differences, the punctures in this species are limited to the anterior and lateral margins while in the latter the punctures are also present on the posterior margin and sometimes with a few sparse punctures medially. The mesoventral stria resembles the one in *Omalodes* (*O.*) *pulvinatus*, *Omalodes* (*O.*) *mendax* and *Omalodes* (*O.*) *chapadae* which is slightly curved towards metaventrite medially, slightly "V" shaped, with irregular sides.

Observations: This species is quite peculiar for the genus, it is the only known species with a impression on the anterior angles and a fovea near the anterior margin of elytra, those two characters can be easily used to identify this species.

Additional material: APPENDIX I: pg. 299.

***Omalodes* (*O.*) *sobrinus* Erichson, 1834**

Figs: 51A-E, 62A, 66A, 70A.

Omalodes sobrinus Erichson, 1834:122; Marseul, 1853:534.
Omalodes mexicanus: DeJean, 1837:142 (**nom. nud.**); Marseul, 1857:478; Blackwelder, 1944:183; Mazur, 1997:88.
Omalodes rotundatus:J. L. LeConte, 1860:311; Lewis, 1905:21; Bickhardt, 1910:34;Blackwelder, 1944:183; Mazur, 1997:88.
Omalodes rotundiceps: Marseul, 1862:707 (**emend.**); Mazur, 1997:88.
Omalodes (*Omalodes*) *sobrinus*: Bickhardt, 1910:34; Desbordes, 1919:53, 60; Blackwelder, 1944:183; Mazur, 1984:225; Mazur, 1997:88; Mazur, 2011:74.

Type material: One specimen (Holotype) deposited on the Museum für Naturkunde der Humboldt – Universität (ZMHB) with the following labels: "{white rectangular label} 48756 / {green rectangular label} *sobrinus*; Er.; Mexico Deppe / {red rectangular label} SYNTYPUS; *Omalodessobrinus*; Erichson, 1834; labelled by MNHUB 2010 / {green rectangular label} Hist. -Coll. (Coleoptera); Nr. 48756; *Omalodessobrinus* Er. x; Mexico, Deppe; Zool. Mus. Berlin".

Diagnosis: Frons flat (Fig: 51D); lateral punctures of pronotum present on the entire lateral margin, weak slightly sparse (Fig: 51A); outer subhumeral stria present on the posterior half (Fig: 51C); propygidium with a smooth horizontal area on the anterior and posterior margin, almost joining medially (Fig: 51E).

Redescription. ***Size range*:** length: 4.75–5.8 mm; width: 4–5.1 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, flat or slightly concave medially; frontal stria about 1.5x wider than long, complete. ***Pronotum*:** without foveae, anterior angles slightly projected, almost the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum present on the entire lateral margin, weak and a little sparse. ***Elytra*:** outer subhumeral stria continuous, present at the posterior

half; inner subhumeral stria absent; 1st dorsal stria weakly indicated, shortened anteriorly (about 1/6 of its total length), continuous; 2nd dorsal stria weakly indicated, shortened anteriorly and posteriorly (about 1/6 of its total length on both margins), continuous; 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria absent. ***Prosternum*:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures absent; mesometaventral stria slightly curved towards prosternum medially, mesometaventral suture visible along its length. ***Abdomen*:** propygidium with a smooth horizontal area only on the anterior and posterior margin, almost joining medially; pygidial punctures strong, regularly distributed, with a superficial fovea on the anterior angles. ***Male genitalia*:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side; eighth sternite with a small basal emargination; ninth tergite with a apical emargination; tenth tergite with interrupted sclerotization, with one sclerotized area on each side, sides rounded; aedeagus elongated, base of parameres concave on dorsal and ventral view, apex rounded, parallel sided.

Distribution:MEXICO, GUATEMALA, HONDURAS, COSTA RICA, PANAMA, VENEZUELA, FRENCH GUIANA, ECUADOR, BRAZIL, PERU.

Remarks: This species closely resembles *Omalodes* (*O.*) *anthracinus* and *Omalodes* (*O.*) *gagatinus* except for their propygidial punctures.As mentioned before those species can be more or less differentiated through them and genitalia character can also be used to some degree (for more information, see *Omalodes* (*O.*) *anthracinus* and *Omalodes* (*O.*) *gagatinus*remarks).

Additional material: APPENDIX I: pg. 299.

***Omalodes* (*O.*) *souloquii* Marseul, 1861**

Omalodes souloquii Marseul, 1861:184.
Omalodes laevigatus: Marseul, 1853:530; Marseul, 1861:184; Mazur, 1997:88.
Homalodes souloquei: Gemminger et Harold, 1868:764; Desbordes, 1919:47, 61 **(*sic.*)**.
Omalodes (*Omalodes*) *souloquei*: Desbordes, 1919:47, 61; Blackwelder, 1944:183 **(*sic.*)**.

Omalodes (*Omalodes*) *souloquii*: Bickhardt, 1910:34; Blackwelder, 1944:183; Mazur, 1984:225; Mazur, 1997:88; Mazur, 2011:74.

Type material:The type material could not be found on the Muséum National d'Histoire Naturelle (MNHN) however a more thorough search is needed before a Neotype is designated.

Diagnosis: "Ovatus brevis, convexus, nigernitidus, antennis brunneis; fronte punctulataexcavata, stria semihexagona; pronoto anticelateribus punctulato,ad angulum impresso, stria laterali integra pone oculos angulata; elytris versus apicem impressis, striis tenuibus postice punctatis, 1-2 dorsalibus integris, 3ª interrupta, subhumerali interna apicali, externa basali, margine inflexo stria ad suturam continuata; propygidio haud foveolato,pygidioque parce et sat valide punctatis; mesosterno stria interrupta tibiisanticis 4-, posticis 3- denticulatis". (According to Marseul, 1861)

Redescription. ***Size range*:**length: 8 mm, width: 6 mm.

"Ovale court, convexe, noir, luisant, paraissant lisse, mais réellement très densément pointillé à un très fort grossissement. Antennes brunes. Tête converte de points serrés et très fins, assez fortement concave sur le front et sur l'épistome; strie semi-hexagonale, sans angle reentrant. Pronotum très rétréci et abaissé en devant, avec l'échancrure profonde et les anglez assez aigus; oblique sur les côtés, arrondi à la base, avec un point scutellaire; faiblement impressionné à l'angle antérieur et bordé latéralelement d'une bande de points très fins dans la moitié antérieure; strielatérale fine très rapprochée du bord, coudée derrière les yeux, avec unpoint, non interrompue. Parapleures à peine visibles. Écusson triangulaire. Èlytres près de deux fois aussi longues que le pronotum, de sa largeur à la base, curvilinéaires sur les côtés, arrondies à l'angle externe, rétrécies et faiblement arquées au bout, avec un angle sutural petit, dans lequel l'abdomen forme un pli; épaules saillantes, une légère impression subapicale; stries fines, ponctuées au bout; 1-2 dorsales entières, 3ª interrompue; subhumérale externe fine, droite, basale; interne semi-circulaire, apicale, ne se continuant pas le long de l'extrémité; bord infléchi longè par un sillon fin, se prolongeant en strie fine jusqu'à la suture. Propygidiumen hexagone, abaissé, sans fovéoles, couvert de points assezforts, peu serrés. Pygidium en calotte sphérique, à ponctuation forte,surtout à la base, peu serrée. Prosternum dilaté et arrondi à la base, sans stries; mentonnière courte, rabattue, arrondie et rebordée en devant.Mésosternum échancré en devant, court, avec une fine strie marginalelargement

interrompue. Jambes antérieures armées de 4 dents fines,aiguês, dont la dernière est garnie de plusieurs épines; intermédiaires 4-, postérieures 3-denticulées". (According to Marseul, 1861)

Distribution: CUBA. (According to Marseul, 1861)

Remarks:"Le type du *O. laevigatus* d'Erichson, sur lequel est faite cette description,n'appartient pas à l'espèce provenant de Saint-Domingue, que j'ai décritesous le même nom. Il est de plus grande taille, un peu plus allongé, moins bombé; ses stries dorsales sont ponctuées au bout, l'apicaleprovident de la subhumérale interne, l'impression subapicale est très sensible;l'excavation de la tête mieux marquée, s'étendant sur l'épistome;les angles du pronotum sont impressionnés et distinctement ponctués;le propygidium et le pygidium sont fortement ponctués.Ce n'est pas non plus *O. ruficlavis*, qui a la même ile pour patrie, el auquel je l'ai rapportéed'abord, d'après la description. Il vient se placer dans le système,à côté du *O. laevinotus* (Guadeloupe), dont il diffère tout autant. Comme d'ailleurs j'ai peine à croire que l'espèce décrite par Quensel,dans la synonymie de Schoenherr, soit la même que celle d'Erichson:jusqu'à ce que j'aie vu, sinon le type primitif du *O. laevigatus* Quens., dumoins un exemplaire provenant de l'ile Saint-Bartlhélemy et allant parfaitementà la description, ou bien que je n'apprenne qu'Erichson a eu cetype à sa disposition, je les regarderai comme distinctes, el j'appellerail'espèce d'Erichson *O. klugii*, réservant à la mienne le nom d'*O. soulouquii*".(According to Marseul, 1861)

Observations: This species present one of the most complicated status in the genus.The species *Histerlaevigatus* was first described by Quensel *in* Schönherr (1806).A few years later Erichson (1834) transfer this species to the genus *Omalodes*. Marseul (1853) during his revision of the genus points that the species of Quensel *in* Schönherr (1806) is probably different from the species of Erichson (1834), furthermore, the specimens he used in his revision seemed to be a third species, which he previously named as *Omalodes laevigatus*.Therefore he named the species of Erichon (1834) as *Omalodes klugii* and his new species as *Omalodes souloquii*. Later, Mazur (1997) listed *Omalodes klugii* Erichson, 1834 as a synonym of *Omalodes* (*O.*) *ruficlavis*. Unfortunately, during this work the type of *Omalodes* (*O.*) *laevigatus* Quensel (1806), *Omalodes* (*O.*) *klugii* Erichson, 1834 and*Omalodes* (*O.*) *souloquii* Marseul, 1853 could be studied and because of that a more complete study involving all species could not be conducted to further clarify their status. As

a provisory measure we recomend that the status proposed by Mazur (1997) should be maintained.

***Omalodes* (*O.*) *vapulo* Marseul, 1861**

Omalodes vapulo Marseul, 1861:178.
Homalodes vapulo: Gemminger et Harold, 1868:764; Mazur, 1997:88.
Omalodes (*Omalodes*) *vapulo*: Bickhardt, 1910:34; Desbordes, 1919:54, 60; Blackwelder, 1944:183; Mazur, 1984:225; Mazur, 1997:88; Mazur, 2011:74.

Type material: The type material could not be found on the Muséum National d'Histoire Naturelle (MNHN) however a more thorough search is needed before a Neotype is designated.

Diagnosis: "Oblongo-ovalis , convexiusculus, niger nitidus laevis; fronte concavapunctata, stria integra, antice retro angulata; pronoto lateribus densepunctato, stria laterali haud interrupta,pone oculos subangulata; elytrismargine inflexo unisulcato, stria subhumerali ultra medium ducta, dorsalibus3 tenuissimis, plus minusve abbreviatis; propygidio haud foveolatopygidioque undique parce aequaliter punctatis; prosterno haud striato,mesosterno extus marginato, parce puncticulatis; tibiis anticis 5-dentatis,posticis 6-7 spinosis".(According to Marseul, 1861)

Redescription. *Size range*: length: 10 mm, width: 7 mm.
"Ovale oblong, médiocrement convexe, noir luisant et lisse. Antennesbrunes. Tête assez densément ponctuée, faiblement et largement concavesur le front, strie circulaire bien marquée, entière, formant un angle aigurentrant derrière l'épistome. Pronotum court, large, arqué à la base, avec les angles obtus, oblique et un peu sinué sur les côtés, très rétréci et échancré en devant, avec les angles abaissés, assez aigus; strie latéraleforte, très serrée contre la marge, formant un petit coude derrière lesyeux et accostée d'un point, non interrompue; ponctuation fine, serrée,occupant le bord latéral dans toute sa longueur, mais plus forte en devant.Écusson triangulaire. Parapleures visibles. Élytres une fois et demie plus longues que le pronotum, de sa largeur à la base, à peine dilatées à l'épaule, subparallèles sur les côtés, rétrécies et coupées droit au bout, avec les angles arrondis, laissant entre elles un petit angle sutural rentrant, dans lequel parait une petite carène de l'abdomen; stries très fines, humérale oblique, première dorsale obsolète à la base, deuxième raccourcie vers le tiers postérieur,

troisième vers le milieu; subhumérale externe remontant presqu'au tubercule huméral, interne marquée par deux ou trois points, les autres nulles ainsi que l'apicale; bord infléchi 1-sillonné. Propygidiumen hexagone transverse, incliné, bombé, couvert également de points petits et écartés. Pygidium en demi-cercle, bombé, entièrement rabattu, ponctué comme le propygidium. Prosternum assez gros, arrondi à la base et profondément enfoncé; mentonnière courte, rabattue, arrondie au bout; mésosternum très échancré, bordé sur les côtés d'une strie interrompue,assez long, l'un et l'autre parsemé de petits points très écartés. Jambes antérieures garnies de 5 dents, postérieures de 6 ou 7 épines". (According to Marseul, 1861)

Distribution: MEXICO. (According to Marseul, 1861)

Remarks: "Cette grosse espèce ressemble de prime abord au *O. haitianus*, mais elle n'a ni la strie apicale, ni la forte ponctuation sur le pygidium de ce dernier. Elle se place près du *O. novus*, qui est d'une taille beaucoupmoindre, qui a le pygidium beaucoup plus fortement ponctué et les striesdorsales beaucoup plus grosses".(According to Marseul, 1861)

Observations: As mentioned by Marseul (1861), this species on first look resembles *Omalodes* (*O.*) *haitianus* especially due to its size.However,*Omalodes* (*O.*) *haitianus* present an apical stria on the elytra and have a limited distribution (Haiti). According to the same author this species also resembles *Omalodes* (*O.*) *novus*.However, the latter species is only known for the South America (Colombia).

***Omalodes* (*O.*) *wagneri* Desbordes, 1919**

Figs: 52A-E.

Omalodes wagneri Desbordes, 1919:52, 56, 59.
Omalodes helleri: Bickhardt, 1920:176; Mazur, 1997:88.
Omalodes (*Omalodes*) *wagneri*:Bickhardt, 1910:34; Desbordes, 1919:52, 56, 59; Blackwelder, 1944:183; Mazur, 1984:225; Mazur, 1997:88; Mazur, 2011:74.

Type material: One specimen deposited on the Muséum National d'Histoire Naturelle (MNHN) with the following labels: "{white rectangular label} Republ. Argentine; Chaco de Santiago; del Estero, Rio Salado / {white rectangular label} Décembre / {white rectangular label} *O. wagneri*; n. sp.; H. Desbordes desc. / {red rectangular label} TYPE; n° 1 / {white

rectangular label} MUSÉUM PARIS; 1933; Coll. DESBORDES" here designated **LECTOTYPE** and another 7 specimens from the same museum with the same labels except for the red rectangular label on each specimen, which presents different numbers on each (from "n° 2" through "n° 8") here designated **PARALECTOTYPE**(type material study based on pictures).

Diagnosis: Frons with strong punctures and a medial fovea (Fig: 52D); strong and coarse lateral punctures on pronotum (Fig: 52A); outer subhumeral stria indicated on posterior half (Fig: 52C); inner subhumeral stria indicated on posterior third (Fig: 52C); 1st and 2nd dorsal striae complete (Fig: 52A); prosternal keel slender (Fig: 52B); propygidium with a smooth semicircular area medially on the anterior half (Fig: 52E).

Redescription. ***Size range*****:** length: 7.3–8.1 mm, width: 6–6.8 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with strong punctures, with a well delimited medial fovea; frontal stria about 1.5x times wider than long, complete, curved inward to the medial fovea. ***Pronotum*****:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum strong, present on the entire lateral margin. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior half; inner subhumeral stria continuous, present at the posterior third; 1st dorsal stria strongly indicated, complete; 2nd dorsal stria strongly indicated, complete; 3rd dorsal stria weakly indicated on the anterior half, interrupted and indicated by punctures on the posterior sixth; 4th and 5th dorsal striae absent; sutural stria indicated by punctures at the posterior sixth; apical stria absent; a few punctures close to the posterior margin, between third and sutural striae, almost "U" shaped. ***Prosternum*****:** prosternal lobe rounded, marginal stria complete; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, visible only at the angles; lateral punctures present; mesometaventral stria absent, mesometaventral suture straight. ***Abdomen*****:** propygidium almost completely covered with punctures, except for a smooth semicircular area medially on the anterior half, with a pair of superficial impressions on the posterior half, on each side; pygidial punctures strong, regularly distributed, with a fovea on the anterior angles.

Distribution: ARGENTINA.

Remarks: This species is remarkably similar to *Omalodes* (*O.*) *extorris*, except for a few small details: the 2nd dorsal stria, which is complete in this species and slightly shortened anteriorly in*Omalodes* (*O.*) *extorris*, and while *Omalodes* (*O.*) *extorris* is known for French Guyana, *Omalodes* (*O.*) *wagneri*is only known for Argentina. Another remarkably similar species is *Omalodes* (*O.*) *felix*.The major difference between the two species is the length of the outer and inner subhumeral striae, while in *Omalodes* (*O.*) *wagneri*they are indicated on the posterior half and 3rd, respectively, in *Omalodes* (*O.*) *felix* they are only absent on the anterior third and half, respectively.

***Omalodes* (*O.*) *sp. nov.* A**

Figs: 53A-E, 62B, 66B, 70B.

Type material:One specimen (Holotype) deposited on the Coleção Entomológica Pe. J. S. Moure (DZUP) with the following labels: "DOM. REP: Pr. SanCristobal; 4kmNW Villa Altagracia; 300m. 12 APR-06 JULY 1992; M. A. & R. O. Ivie colr; flight intercept trap" and another 11 specimens (Paratypes) with the following labels and museums: "DOM. REP: Prov. Pedernales; 24km N Cabo Rojo, 612m; 18°06'N 71°38' W. 11 JULY; 1993. D. S. Sikes & R. P.; Rosenfeld, carrion trap" 2 specimens (FMNH); "DOM. REP: Pr. SanCristobal; 4kmNW Villa Altagracia; 300m. 12 APR-06 JULY 1992; M. A. & R. O. Ivie colr; flight intercept trap" 3 specimens (MZUSP); "DOM. REP: Prov. HatoMayor; Par. Nac. Los Haitises; W of Sabana de la Mar; Bosque Humido, 16APR-01; JUL1992, M. A. Ivie, fit" 2 specimens (MNRJ); "DOMINICAN REPUBLIC: Pr.; Barahona, Rd to Polo S.; slope, 860m 14-VII-1996; Coll. M. C. Thomas" 1 specimen (BMNH); "DOMINICAN REP.: Prov.; Barahona, nr. Filipinas; Larimar Mine, 20-26-VI-; 1992 R. E. Woodruff &; P. E. Skelley, at day" 1 specimen (BMNH); "DOM. REP: Prov. Pedernales; 26km N Cabo Rojo; 825m, 21 AUG 1992-9 SEP; D. Sikes & P. Ward colrs; flight intercept trap" 1 specimen (MNHN); "DOMINICAN REPUBLIC:; Barahona Province; nr. Filipinas Larimar; Mine 26.VI-7.VII.1992; P. Skelley at carrion" 1 specimen (MNHN).

Diagnosis: Frons with a superficial longitudinal sulcus (Fig: 53D); lateral punctures of pronotum weak, usually present on the entire lateral margin (Fig: 53A); dorsal elytral striae weak (Fig: 53A); apical stria present (Fig: 53E); propygidium with sparse punctures, coarser on the anterior and lateral margins (Fig: 53E); pygidium with a smooth area on the posterior margin (Fig: 53E).

Redescription. ***Size range*****:** length: 6.2–6.8 mm, width: 5–5.7 mm. ***Body form*****:** body oval, convex. ***Head*****:** frons covered with weak punctures, with a superficial longitudinal sulcus from the middle of the frons to the epistoma; frontal stria about 1.5x wider than long, complete, slightly curved inward. ***Pronotum*****:** without foveae, anterior angles projected, the same length as the head when completely retracted; lateral pronotal stria complete; lateral punctures of pronotum weak, present on the entire lateral margin. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior third; inner subhumeral absent; 1st dorsal stria weakly indicated, shortened anteriorly (about 1/3 of its total length); 2nd dorsal stria weakly indicated, shortened anteriorly and posteriorly (about 1/6 of its total length on both margins); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria complete. ***Prosternum*****:** prosternal lobe rounded, marginal stria shortened medially; lateral punctures of prosternal keel absent; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria interrupted, starting a little before the angles medially; lateral punctures absent; mesometaventral stria slightly curvet towards prosternum medially, mesometaventral suture visible along its lenght. ***Abdomen*****:**1st visible abdominal sternite with a pair of large glandular orifices under the posterior coxae; propygidium with sparse punctures, slightly stronger and more coarse on the anterior and lateral margins; pygidial punctures strong on the anterior angles, weaker towards the posterior margin and medially, absent on the posterior fourth, with a superficial fovea on the anterior angles. ***Male genitalia*****:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side, posterior angles slightly rounded, posterior margin concave; eighth sternite with a superficial basal emargination; ninth tergite without apical emargination; tenth tergite with interrupted sclerotization, with one sclerotized area on each side, sides rounded; aedeagus elongated, base of parameres with a pair of projections in dorsal view, slightly emarginated in ventral view, apex truncated, parallel sided.

Distribution:DOMINICAN REPUBLIC.

Remarks: When compared to *Omalodes* (*O.*) *sp.* B, this species have the entire lateral margin of pronotum covered with punctures, a broader prosternum (mainly the prosternal keel and process), punctures more sparse on the propygidium and a large glandular opening on each side, posterad to the metacoxae. This species along *Omalodes* (*O.*) *sp.* B, *Omalodes*

(*O.*)*haitianus* and *Omalodes* (*O.*)*ruficlavis* are some of the few with a complete apical stria, they also share a common distribution, limited to the Carribean (Haiti, Domican Republic, Cuba)

Observations: The punctures on the pygidium are variable, in most specimens they are stronger on the anterior angles, weaker medially and absent posteriorly, but in some specimens the medial punctures are slightly stronger. The lateral punctures of the pronotum are extremelly weak in some specimens, almost absent.

***Omalodes* (*O.*) *sp. nov.* B**

Figs: 54A-E, 62A, 66A, 70A.

Type material: One specimen (Holotype) deposited on the Coleção Entomológica Pe. J. S. Moure (DZUP) with the following labels: "DOMINICAN REPUBLIC:; Monte Cristi Prov., 5.3; km N Villa Elisa; 26 May 1992; R. Turnbow" and another 9 specimens (Paratypes) on the same museum with the following labels: "DOMINICAN REPUBLIC:; Monte Cristi Prov., 5.3; km N Villa Elisa; 26 May 1992; R. Turnbow" 5 specimens (MZUSP); "DOM. REP: Independencia; ESE Jimani LaFlorida; S of Lago Limon, 14 APR; -03 JULY 1992, flight; inter. Trap. M. A. Ivie" 3 specimens (FMNH); "DOMINICAN REPUBLIC; Pedernales Prov. Cabo; Rojo, 20 May 1992; R. Turnbow" 1 specimen (BMNH); "DOM. REP: Prov. Pedernales; Cabo Rojo, 18-23 AUG 1988; in pool & at lightm 0-10m; M. A. Ivie & T. K. Philips & K. A. Johnson colrs." 1 specimen (MNRJ) and "DOM. REP: Independencia; ESE Jimani, La Florida; 18°24'N 71°44'W, moist; site, 13-14 APR 1993; 20m M. A. Ivie colr / pitfall with; dead chicken" 1 specimen (MNHN).

Diagnosis: Frons with a superficial longitudinal impression (Fig: 54D); lateral punctures of pronotum weak, absent on the posterior third (Fig: 54A); outer subhumeral stria present at the posterior half (Fig: 54C); apical stria present (Fig: 54E); propygidium with strong punctures on the anterior and lateral margins, smooth on the remainder of the structure (Fig: 54E).

Redescription. ***Size range*:** length: 7–7.4 mm, width: 6.3–6.6 mm. ***Body form*:** body oval, convex. ***Head*:** frons covered with weak punctures, with a superficial longitudinal sulcus from the middle of the frons to the epistoma; frontal stria about 2x wider than long, complete, slightly curved inward. ***Pronotum*:** without foveae, anterior angles slightly projected, almost

the same length as the head when completely retracted; lateral pronotal stria complete, slightly curved towards the middle of the posterior margin; lateral punctures of pronotum usually weak, absent on the posterior third. ***Elytra*****:** outer subhumeral stria continuous, present at the posterior half; inner subhumeral absent; 1st dorsal stria weakly indicated, slightly shortened anteriorly (about 1/10 of its total length); 2nd dorsal stria weakly indicated, shortened anteriorly and posteriorly (about 1/6 of its total length on both margins); 3rd dorsal stria weakly indicated on the anterior half; 4th and 5th dorsal striae absent; sutural stria absent; apical stria complete. ***Prosternum*****:** prosternal lobe rounded, marginal stria shortened medially; lateral punctures of prosternal keel present; prosternal keel with weak punctures medially, carinal striae of prosternal keel absent; prosternal process rounded. ***Mesoventrite*****:** marginal mesoventral stria of mesoventrite interrupted, starting a little before the angles medially; lateral punctures absent; mesometaventral stria absent, mesometaventral suture slightly curved towards prosternum medially. ***Abdomen*****:** propygidium with strong punctures on the anterior and lateral margins, smooth on the remainder of the structure, without any impressions or foveae on the posterior half, on each side; pygidial punctures strong on the anterior third, weaker towards the posterior margin, absent on the posterior fourth, with a superficial fovea on the anterior angles. ***Male genitalia*****:**eighth tergite subrectangular, with a pair of anterolateral projections, one on each side, posterior angles rounded, posterior margin with a small non sclerotized area medially; eighth sternite with a large basal emargination; ninth tergite without apical emargination; tenth tergite with interrupted sclerotization, with one sclerotized area on each side, sides rounded; aedeagus elongated, base of parameres straight in dorsal view, slightly emarginated in ventral view, apex truncated, sided rounded, slender on apex.

Distribution:DOMINICAN REPUBLIC.

Remarks: This species is similar to *Omalodes* (*O.*) *sp. nov.* A, for a more complete discussion between their similarities refer to the description of *Omalodes* (*O.*) *sp. nov.* A (pg: 167).

Observations: The punctures on the propygidium are somewhat variable.In a few specimens there are a few punctures medially on the anterior margin, while, in others the punctures are limited to the sides of the anterior margin and the lateral angles. The 2nd dorsal stria is also variable in the posterior third, being absent in most cases but can also be indicated by a few weak punctures.

4. CONCLUSION

The subgenus *Omalodes* was initially composed of 51 species according to Mazur (2011).During the cladystic analysis of the genus, it was proposed that the subgenus *Diplogrammicus* should be synonymized to *Omalodes s. str.* which would add three species to this subgenus.Additionaly, five new species were described during this work increasing the total number of species of the subgenus to 59 species.

Also three new synonyms are proposed: *Omalodes* (*O.*) *foveola* (=*Omalodes* (*O.*) *foveolabrasilianus* **syn. nov.**); *Omalodes* (*O.*) *lucidus* (=*Omalodes* (*O.*) *lucidus peruvianus* **syn. nov.**) and*Omalodes* (*O.*) *grossus* (=*Omalodes* (*O.*) *grossus lubricans* **syn. nov.**). In the descriptions,additional notes of close similarities between other species are made with the intent of minimizing difficulties when identifying or differentiating those species.

Lectotypes and paralectotypeswere designatedfor*Omalodes* (*O.*) *anthracinus* Marseul, 1853; *Omalodes* (*O.*) *areaolatus* Schmidt, 1889; *Omalodes* (*O.*) *bifoveolatus* Marseul, 1853; *Omalodes* (*O.*) *clavulus* Lewis, 1888; *Omalodes* (*O.*) *fassli* Bickhardt, 1911; *Omalodes* (*O.*) *faustus* Erichson, 1834; *Omalodes* (*O.*) *foveola* Erichson, 1834; *Omalodes* (*O.*) *laevicollis* Bickhardt, 1911; *Omalodes* (*O.*) *lucidus* Erichson, 1834; *Omalodes* (*O.*) *novus* Marseul, 1853; *Omalodes* (*O.*) *seriatus* Schmidt, 1889; *Omalodes* (*O.*) *wagneri* Desbordes, 1919.

A complete dichotomous key for the genus is also proposed, including both subgenera of *Omalodes* (*Cornillus* and *Omalodes s. str.*) and all 65 species of the genus, distributional data is included in both the dichotomous key and the redescription of each species in order to provide additional information during the identification of specimens.

All species of the subgenus where studied except the following, which could not be encountered in the collections: *Omalodes* (*Omalodes*) *haitianus* Marseul, 1853; *Omalodes* (*O.*) *laceratus* Marseul, 1853; *Omalodes* (*O.*) *laevigatus* (Quensel, 1806); *Omalodes* (*O.*) *laevinotus* Marseul, 1853; *Omalodes* (*O.*) *marquisicus* Marseul, 1853; *Omalodes* (*O.*) *ruficlavis* Marseul, 1853; *Omalodes* (*O.*) *souloquii* Marseul, 1861 and *Omalodes* (*O.*) *vapulo* Marseul, 1861. In those cases, the original descriptions of each species were transcribed to provide diagnostic characters for those species.

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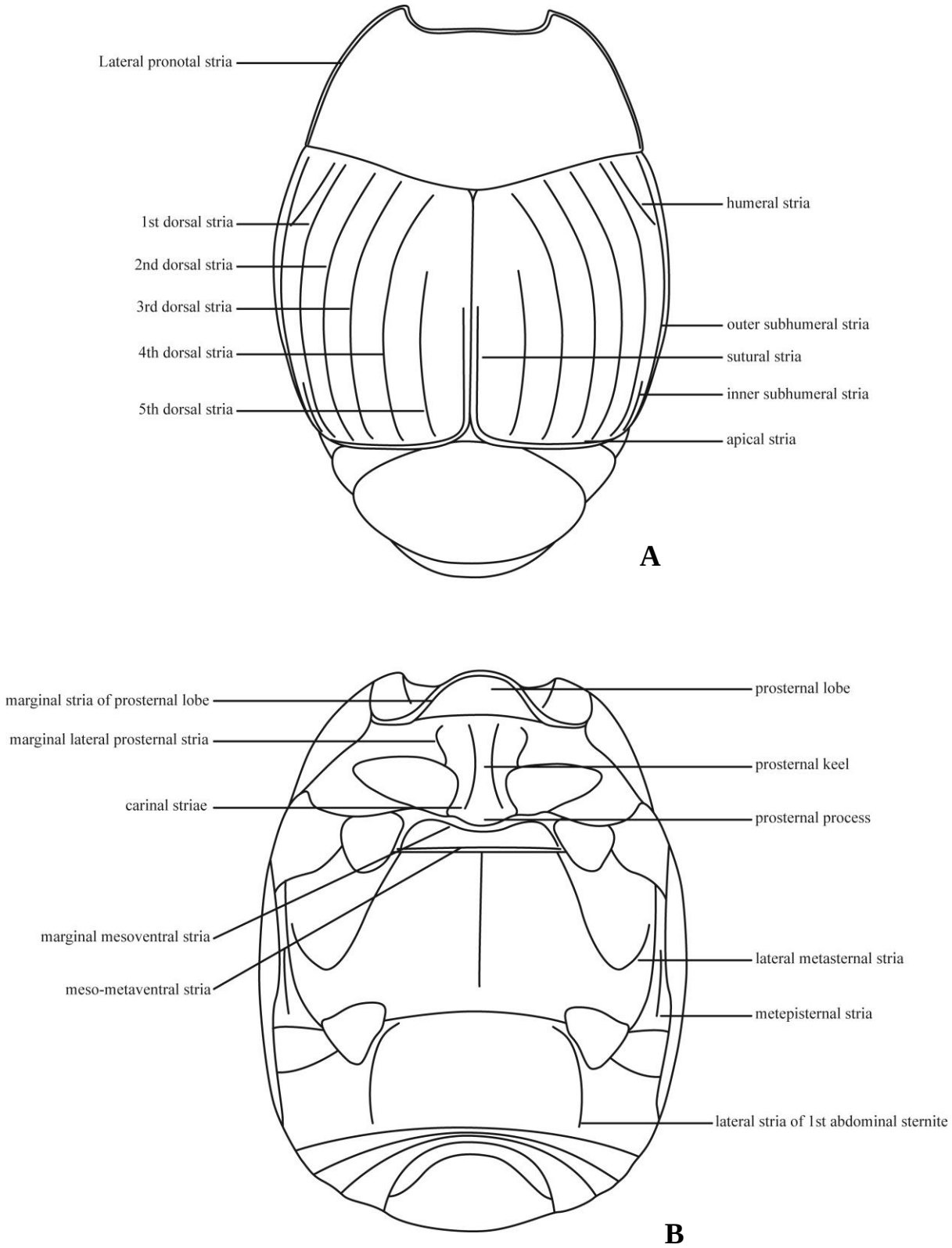

Fig 5.*Omalodes sp*. **A.** Dorsal view; **B.** Ventral view.

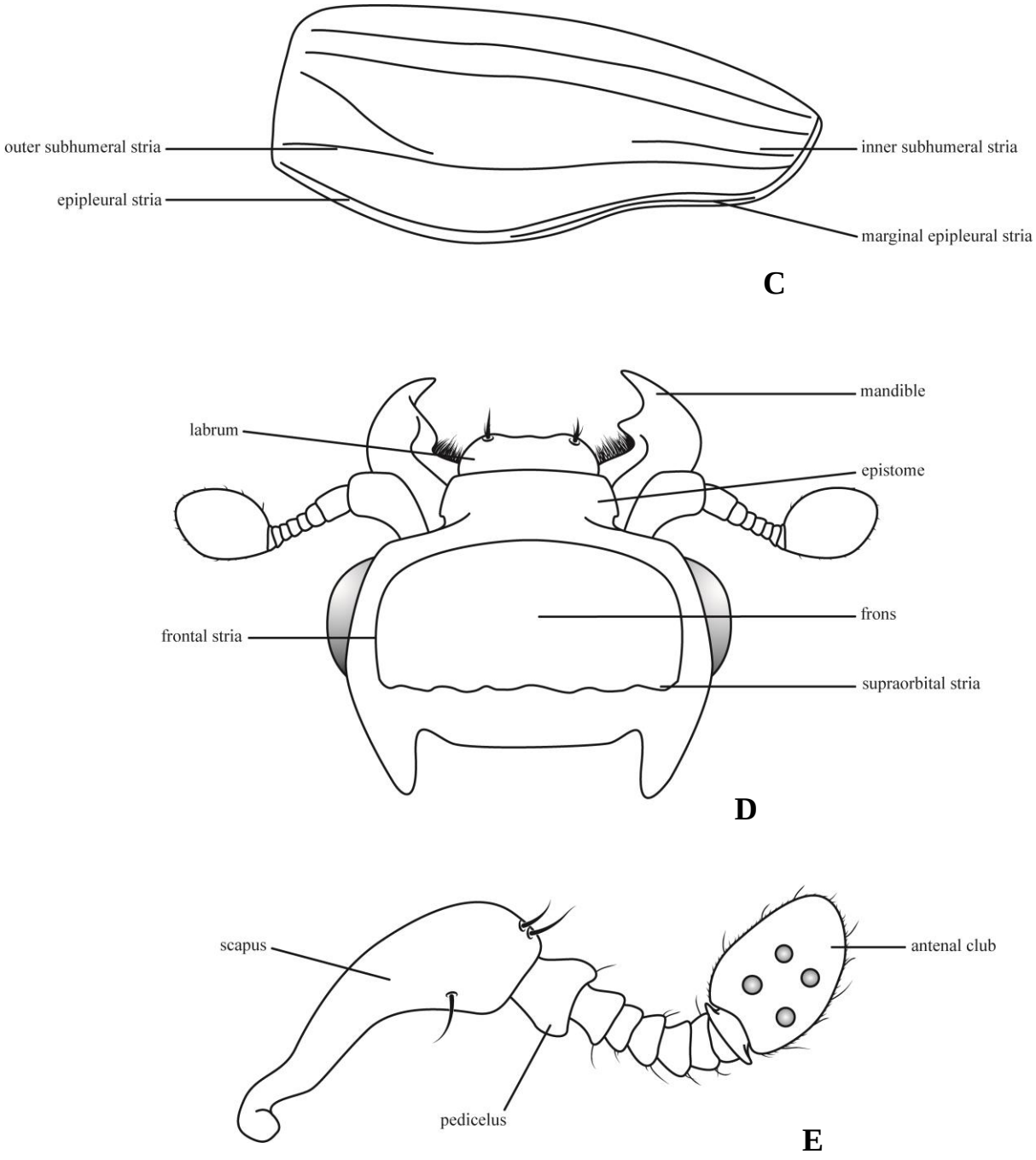

Fig 6.*Omalodes sp*. **A.** Lateral view; **B.** Head; **C.** Antennae.

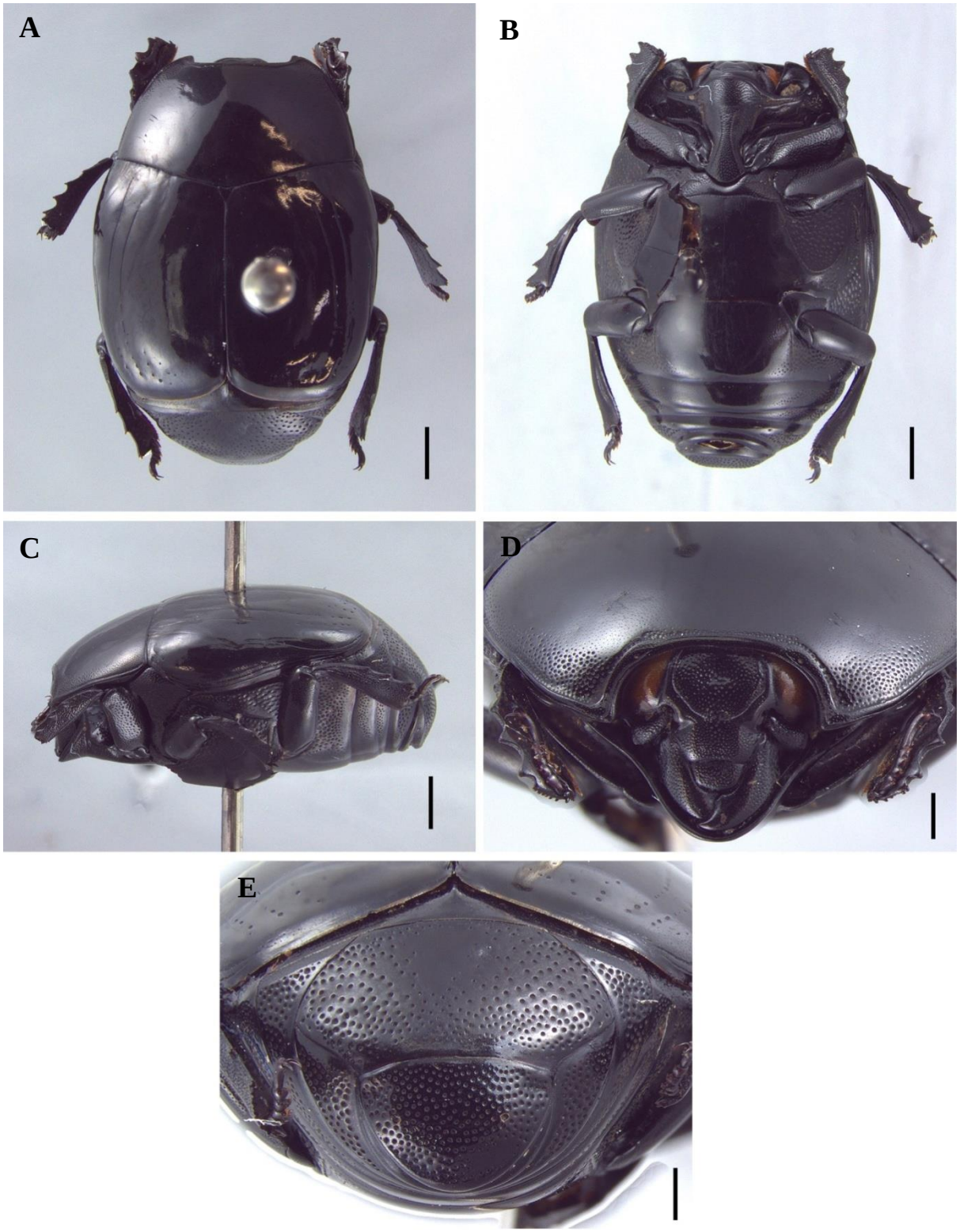

Fig 7. *Omalodes* (*Omalodes*) *amazonius* Marseul, 1861. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

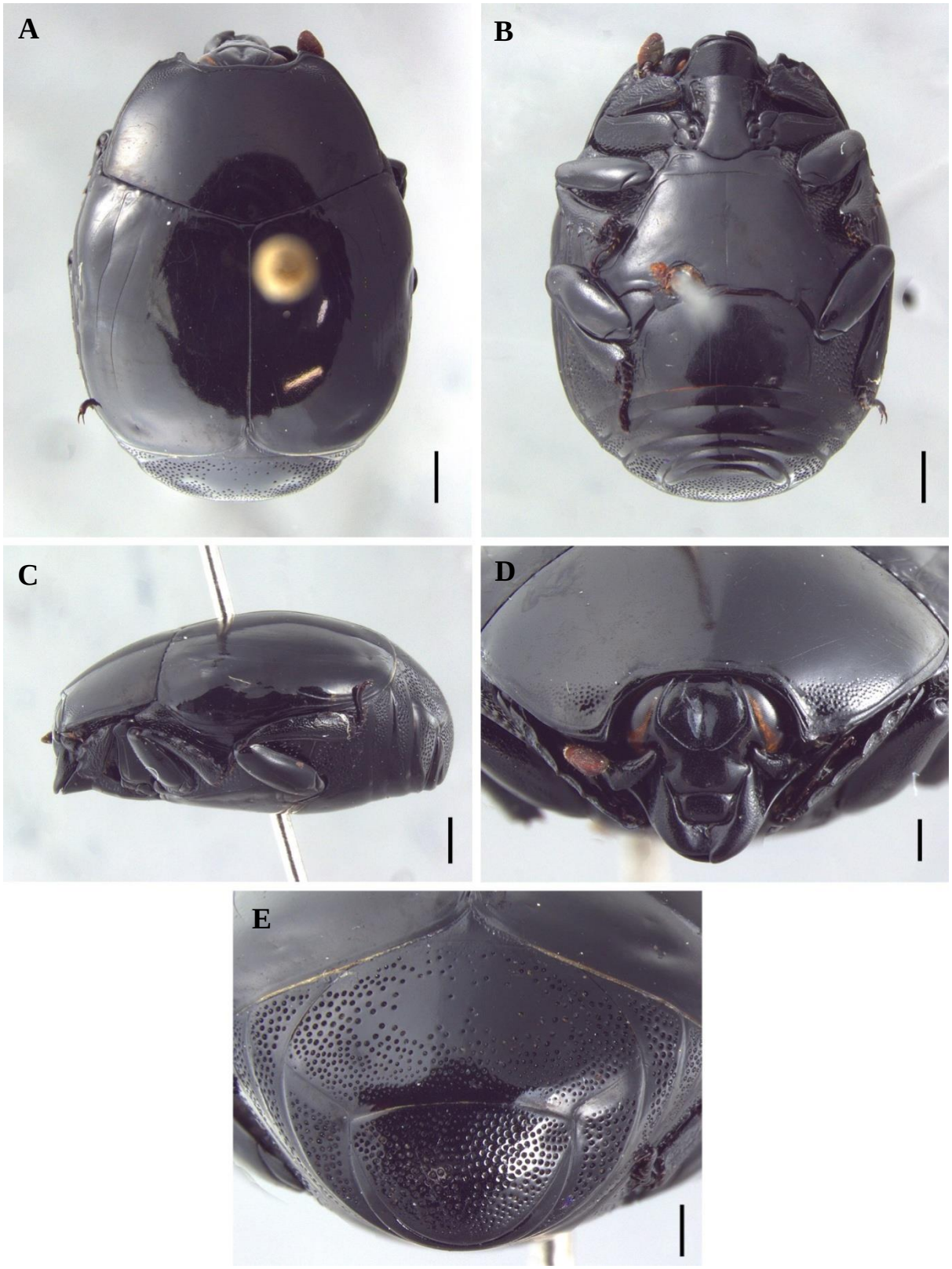

Fig 8. *Omalodes* (*Omalodes*) *angulatus* (Fabricius, 1801). **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

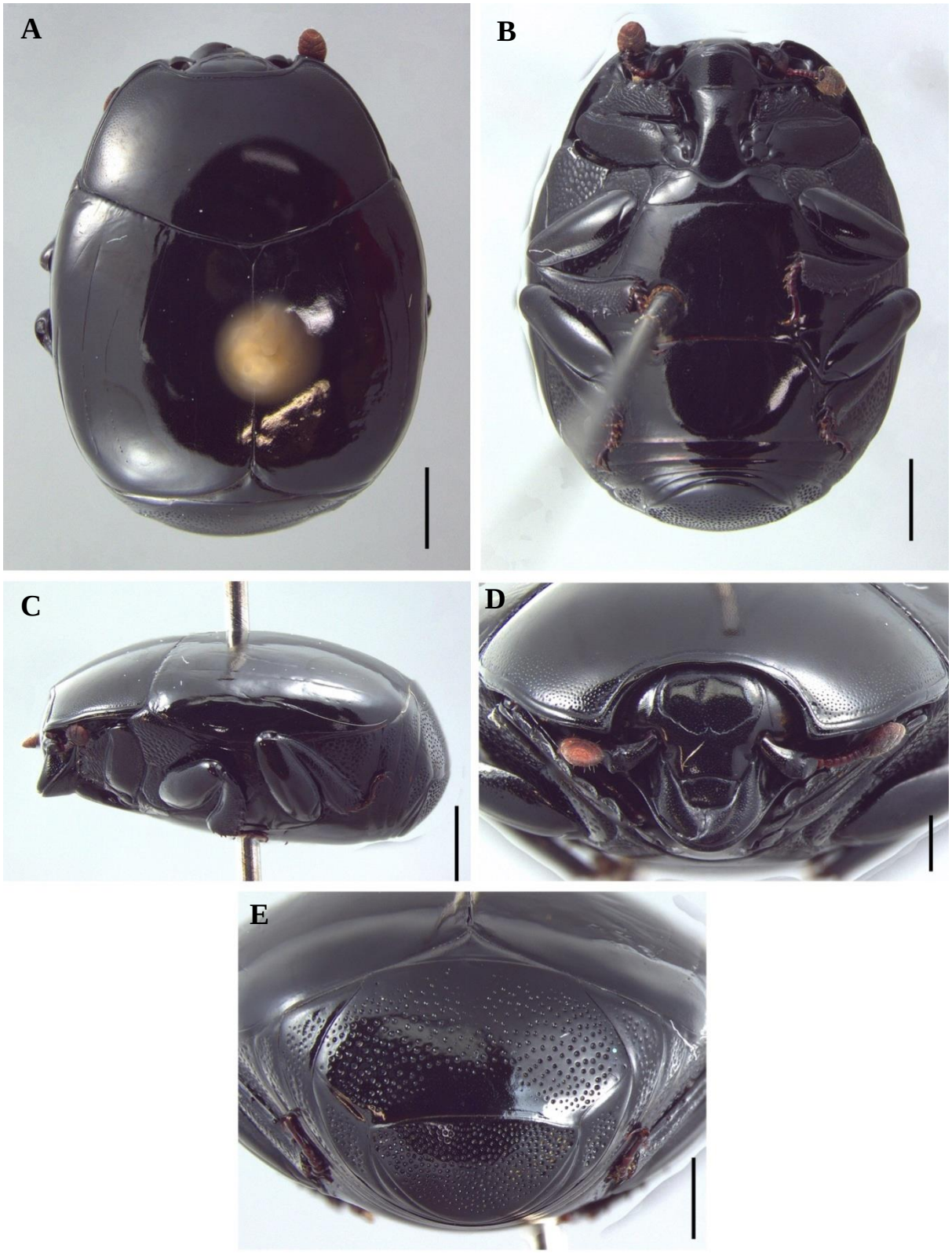

Fig 9. *Omalodes* (*Omalodes*) *anthracinus* Marseul, 1853. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

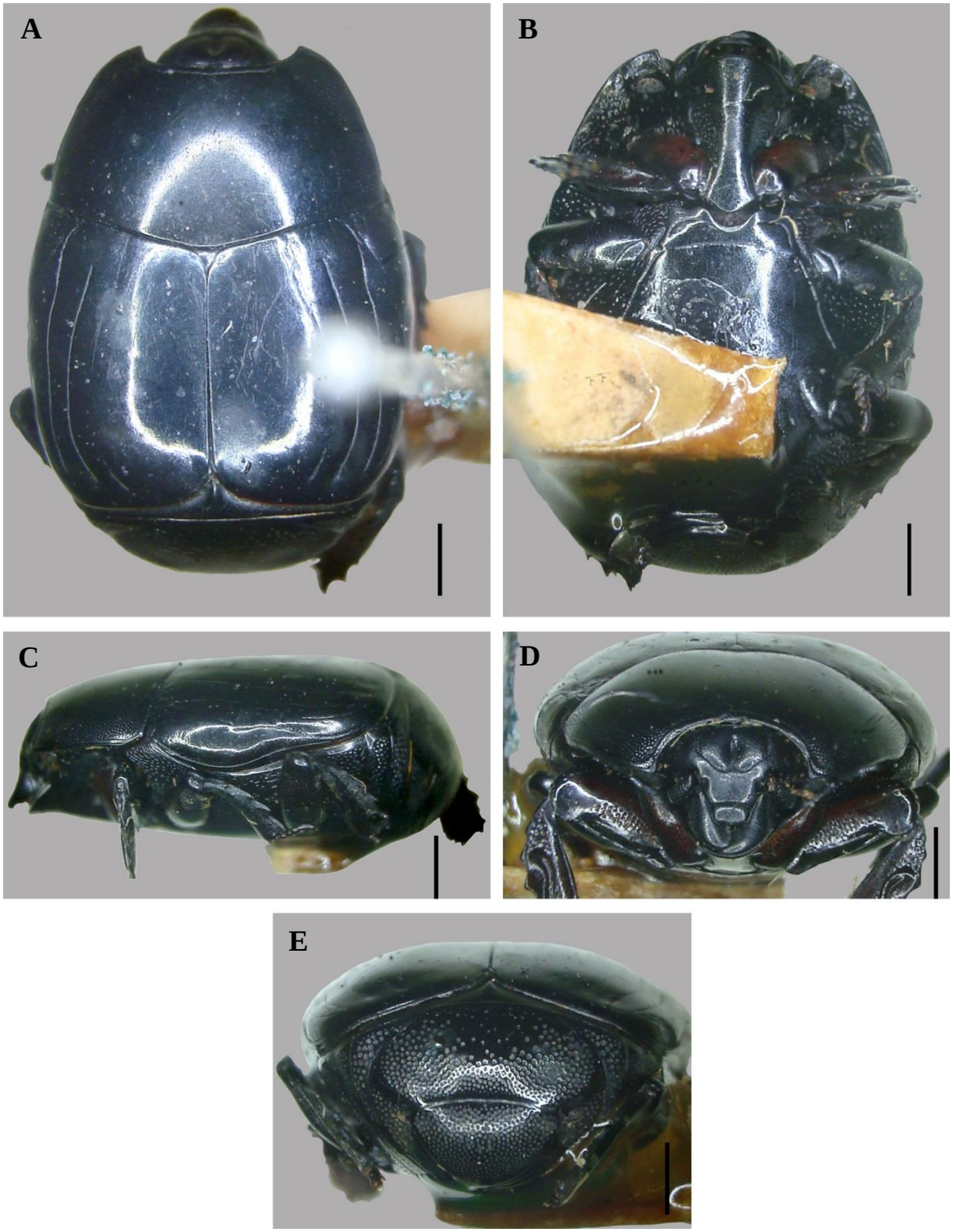

Fig 10. *Omalodes* (*Omalodes*) *areolatus* Schmidt, 1889. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.5 mm).

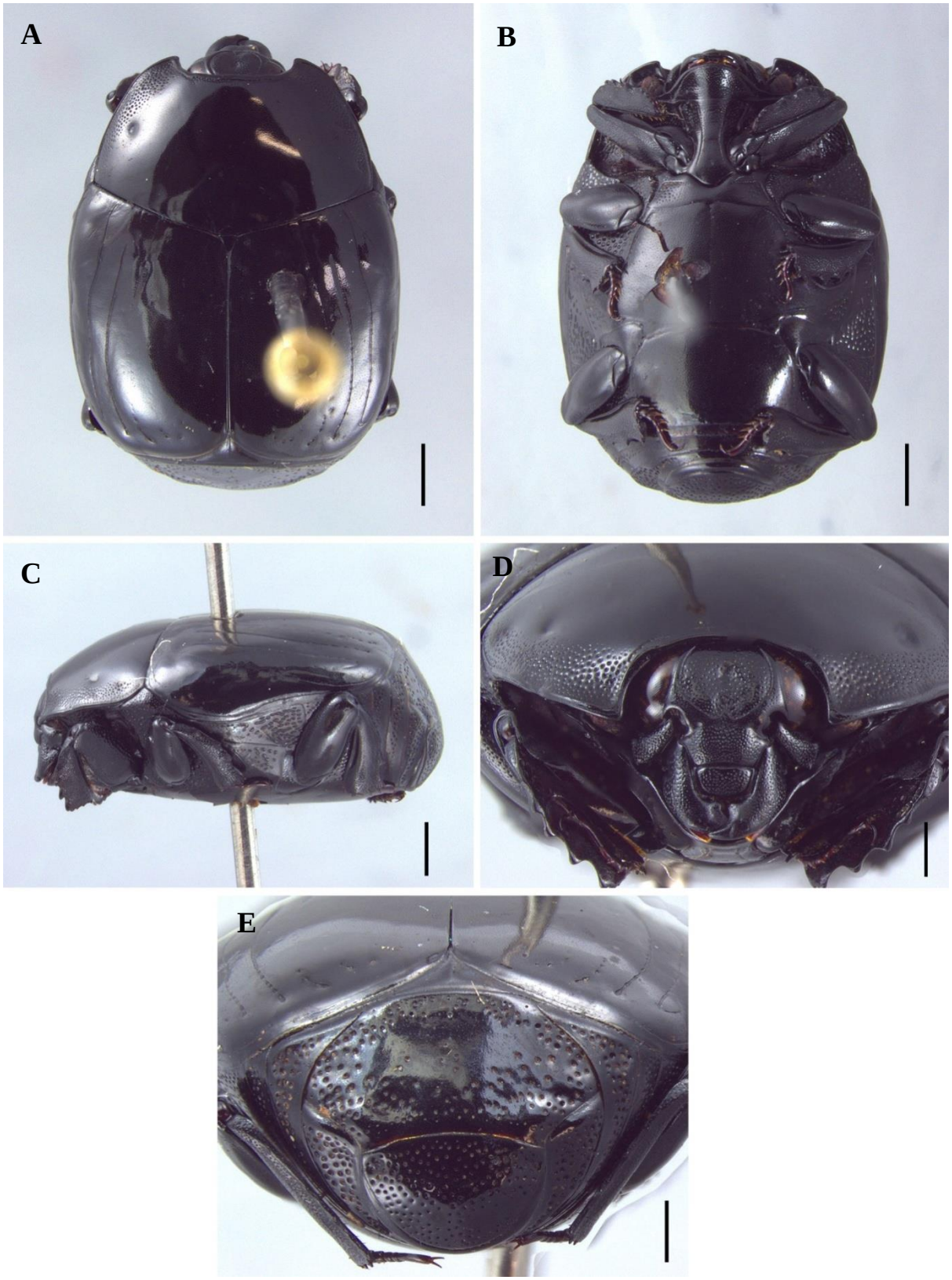

Fig 11. *Omalodes* (*Omalodes*) *bifoveolatus* Marseul, 1853. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

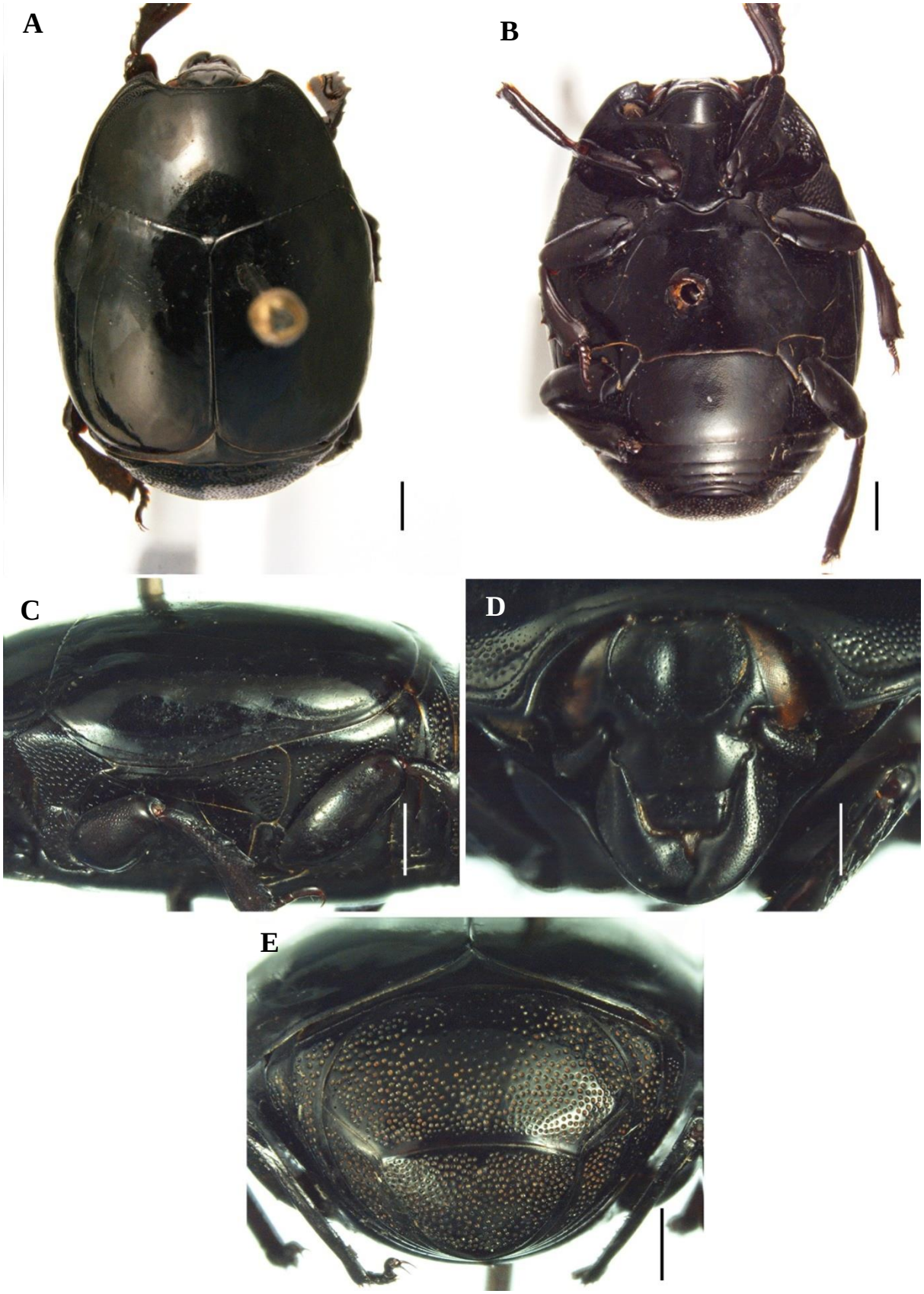

Fig 12. *Omalodes* (*Omalodes*) *bisulcatus* Desbordes, 1919. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

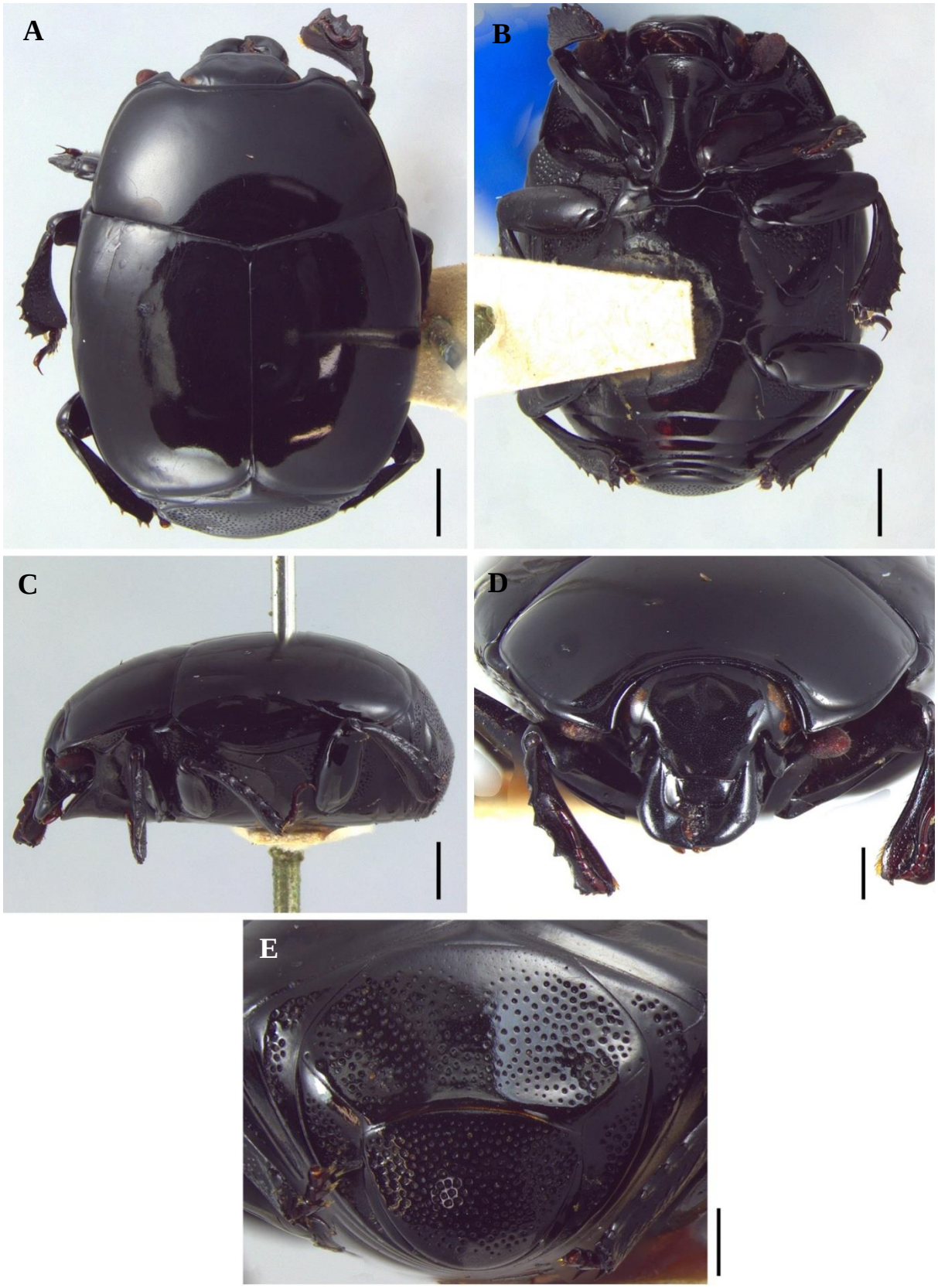

Fig 13. *Omalodes* (*Omalodes*) *brevisternus* Schmidt, 1893. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

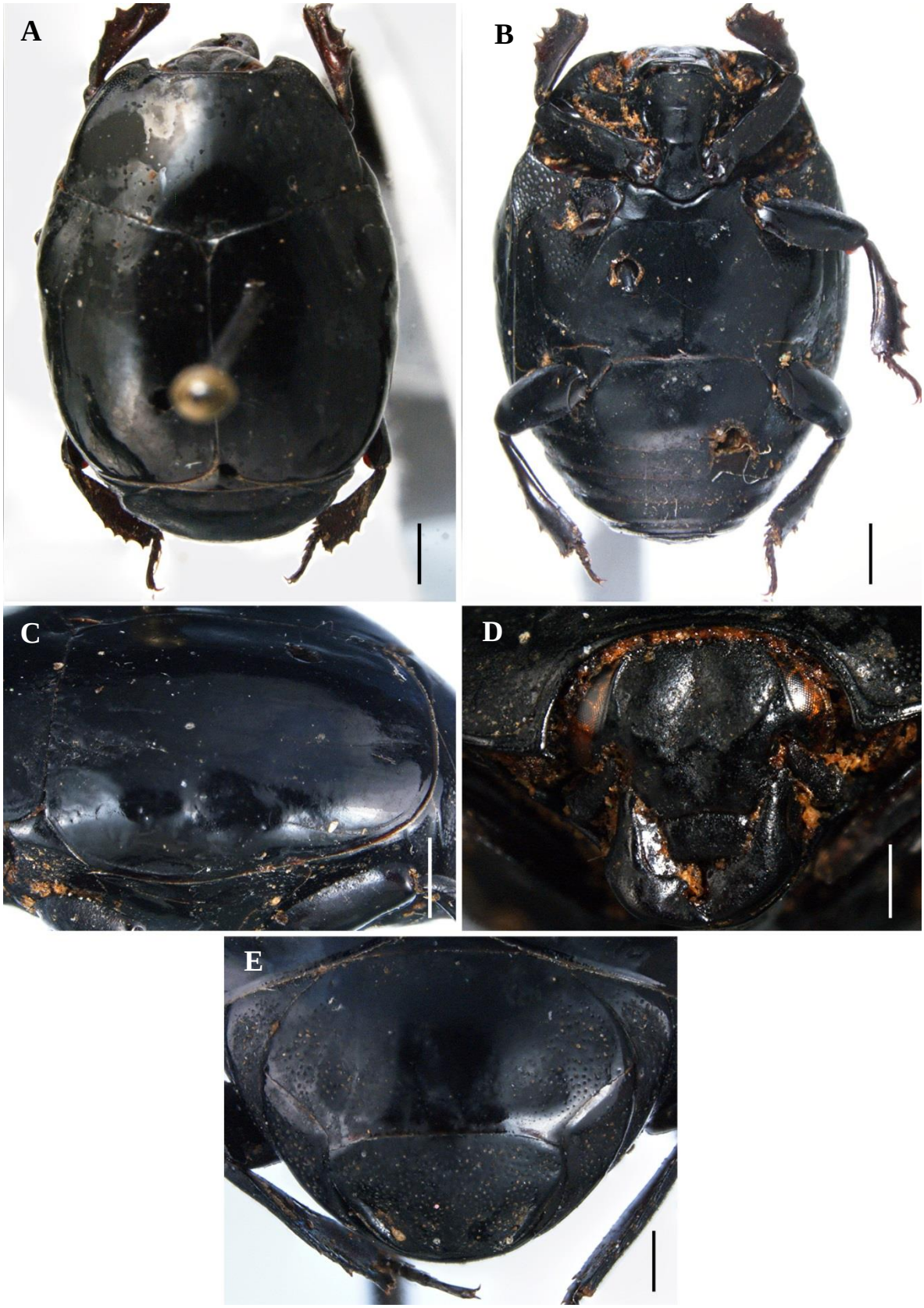

Fig 14. *Omalodes* (*Omalodes*) *cerqueirae*Desbordes, 1919. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

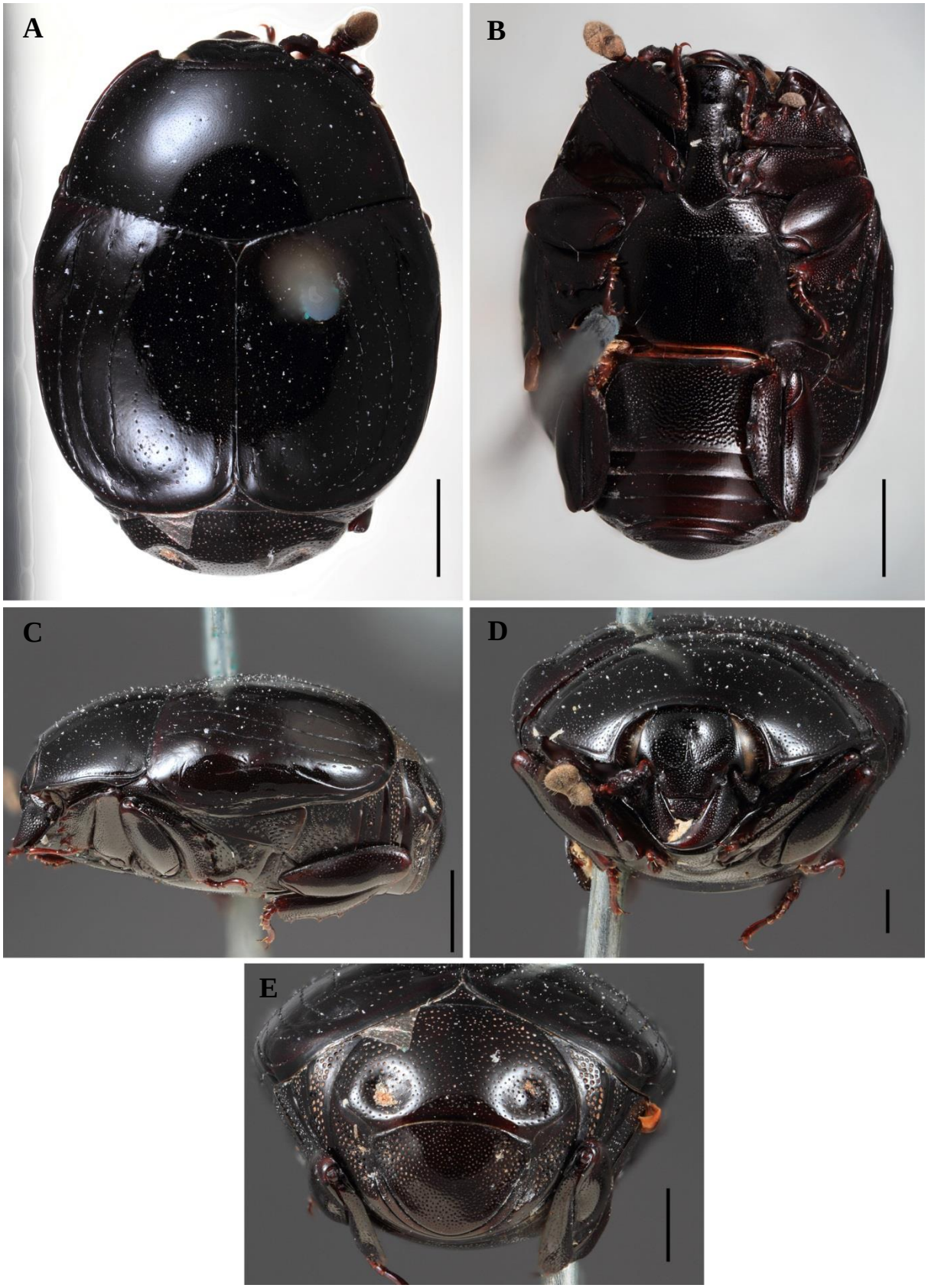

Fig 15. *Omalodes* (*Omalodes*) *chapadae* Lewis, 1908. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

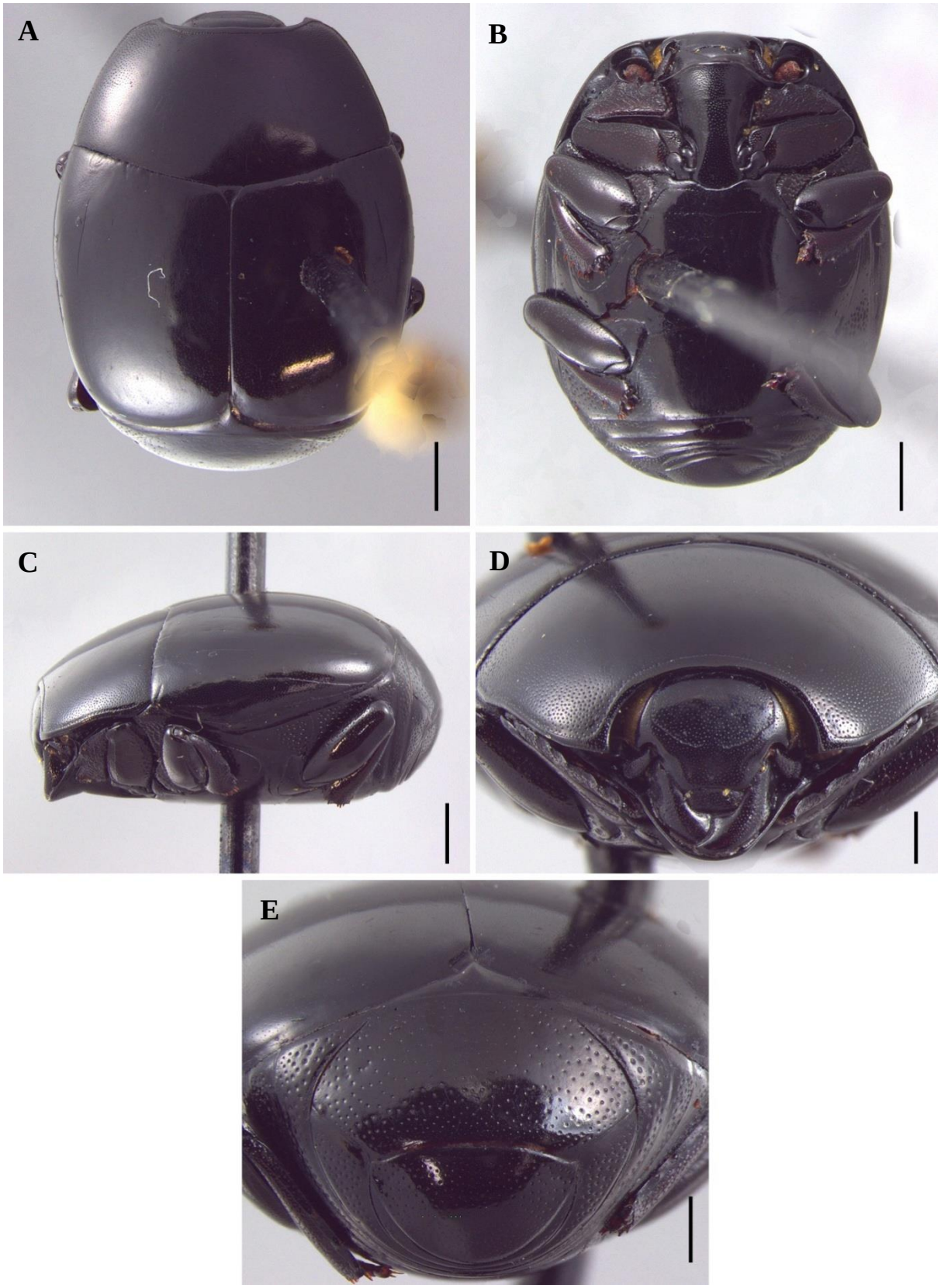

Fig 16. *Omalodes* (*Omalodes*) *clavulus* Lewis, 1888. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

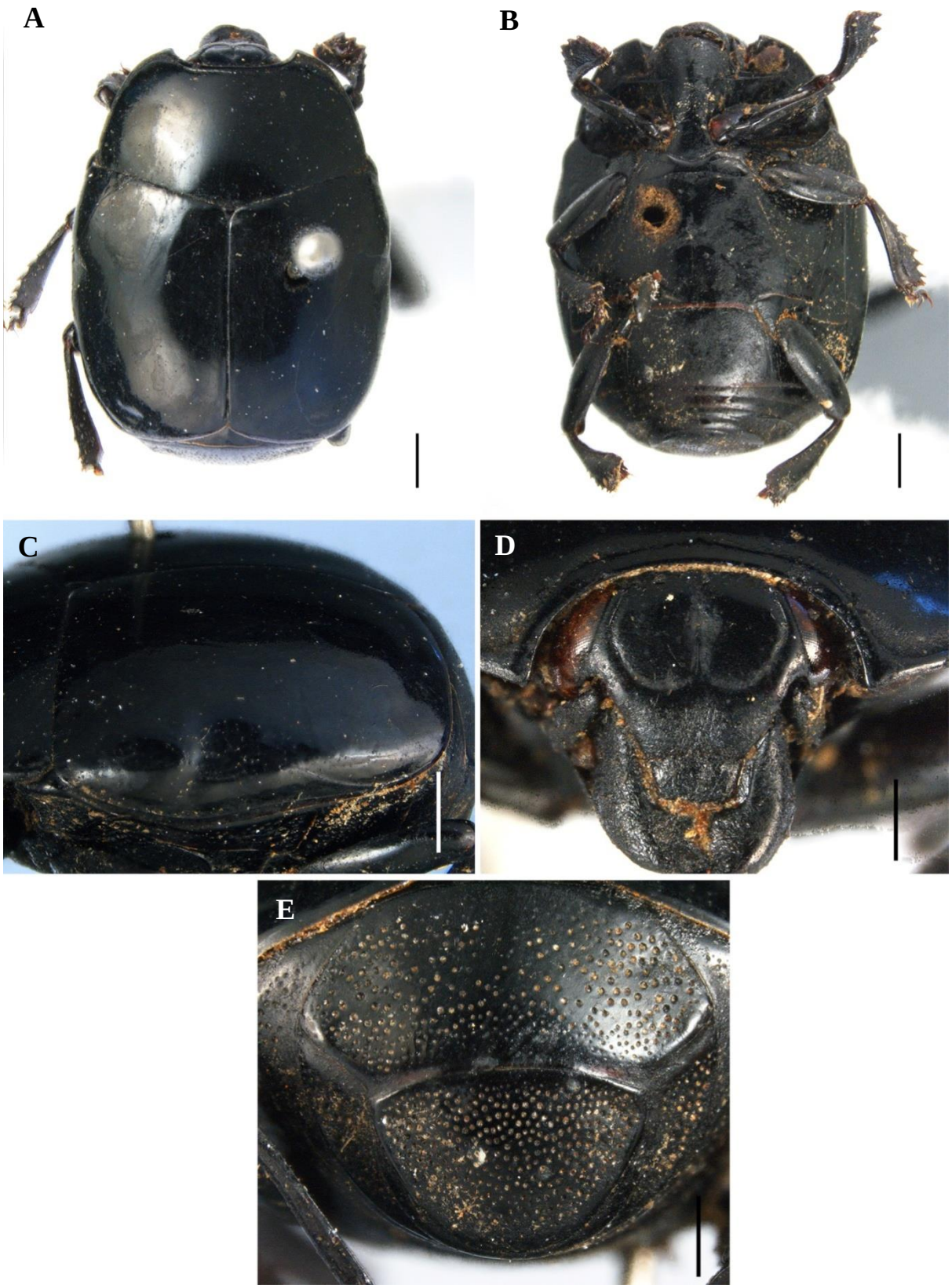

Fig 17. *Omalodes* (*Omalodes*) *consanguineus* Marseul, 1853.**A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

Fig 18. *Omalodes* (*Omalodes*) *depressisternus* Marseul, 1853. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view;**D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

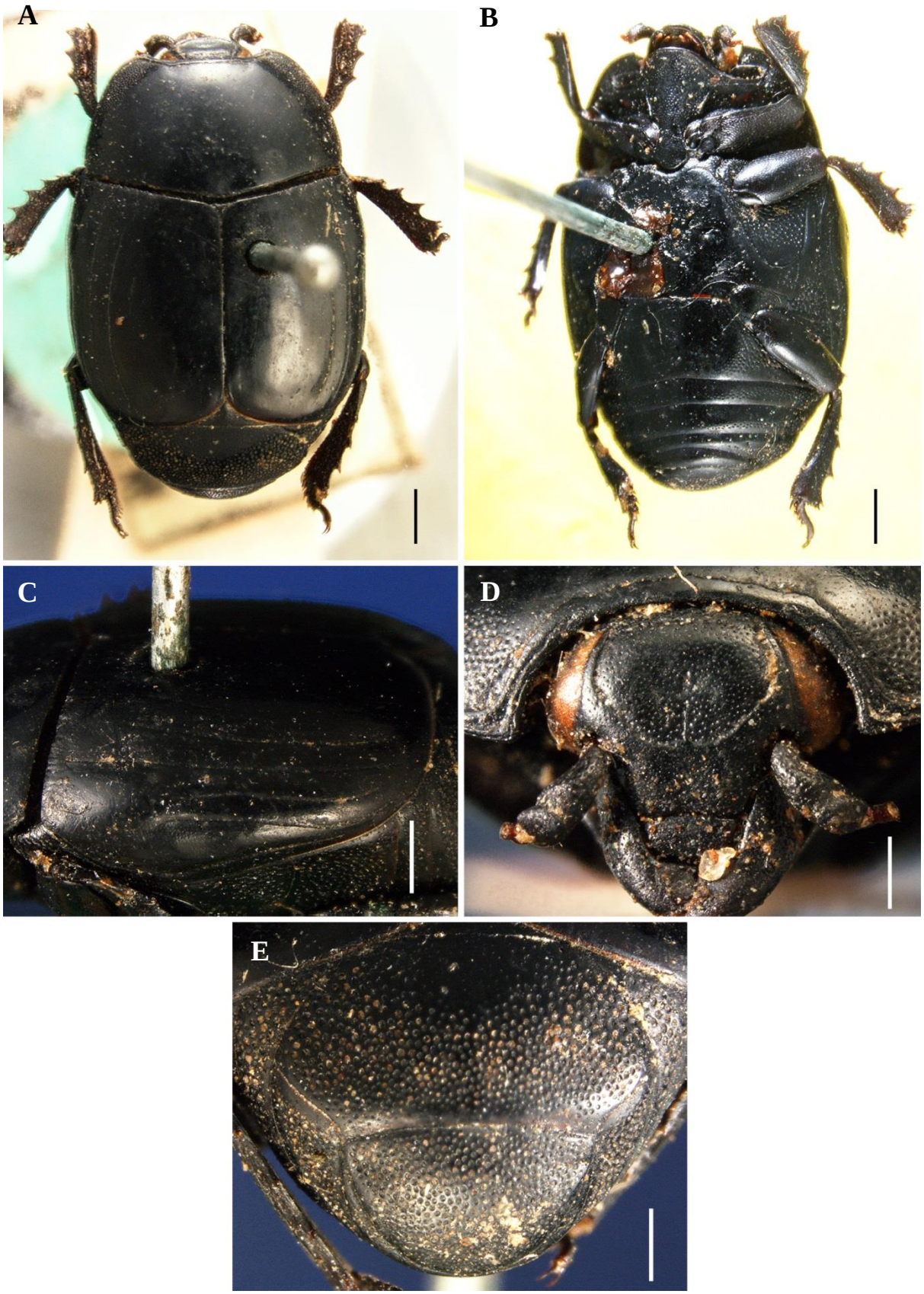

Fig 19. *Omalodes* (*Omalodes*) *extorris* Marseul, 1853. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

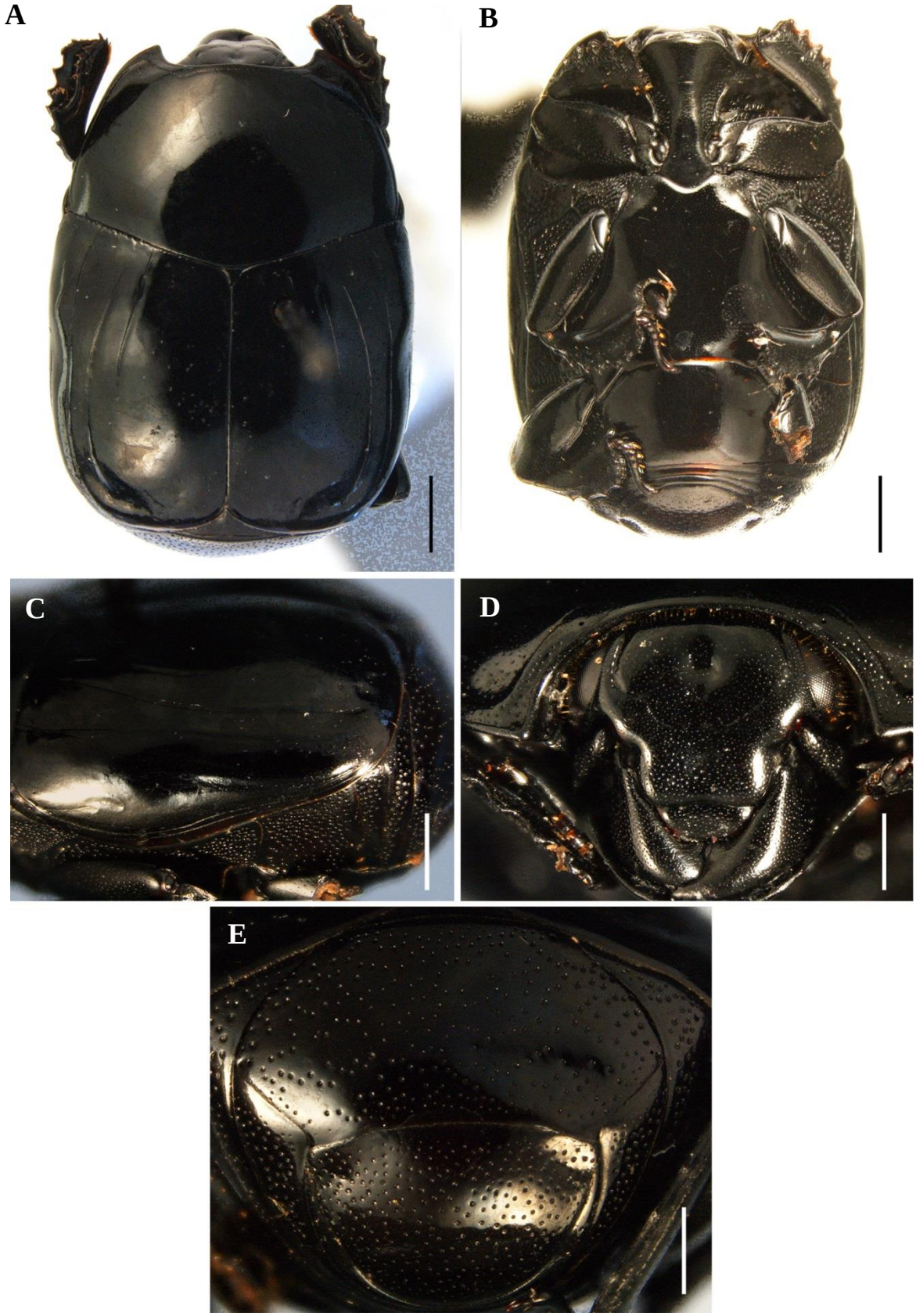

Fig 20. *Omalodes* (*Omalodes*) *exul* Marseul, 1853. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view;**D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

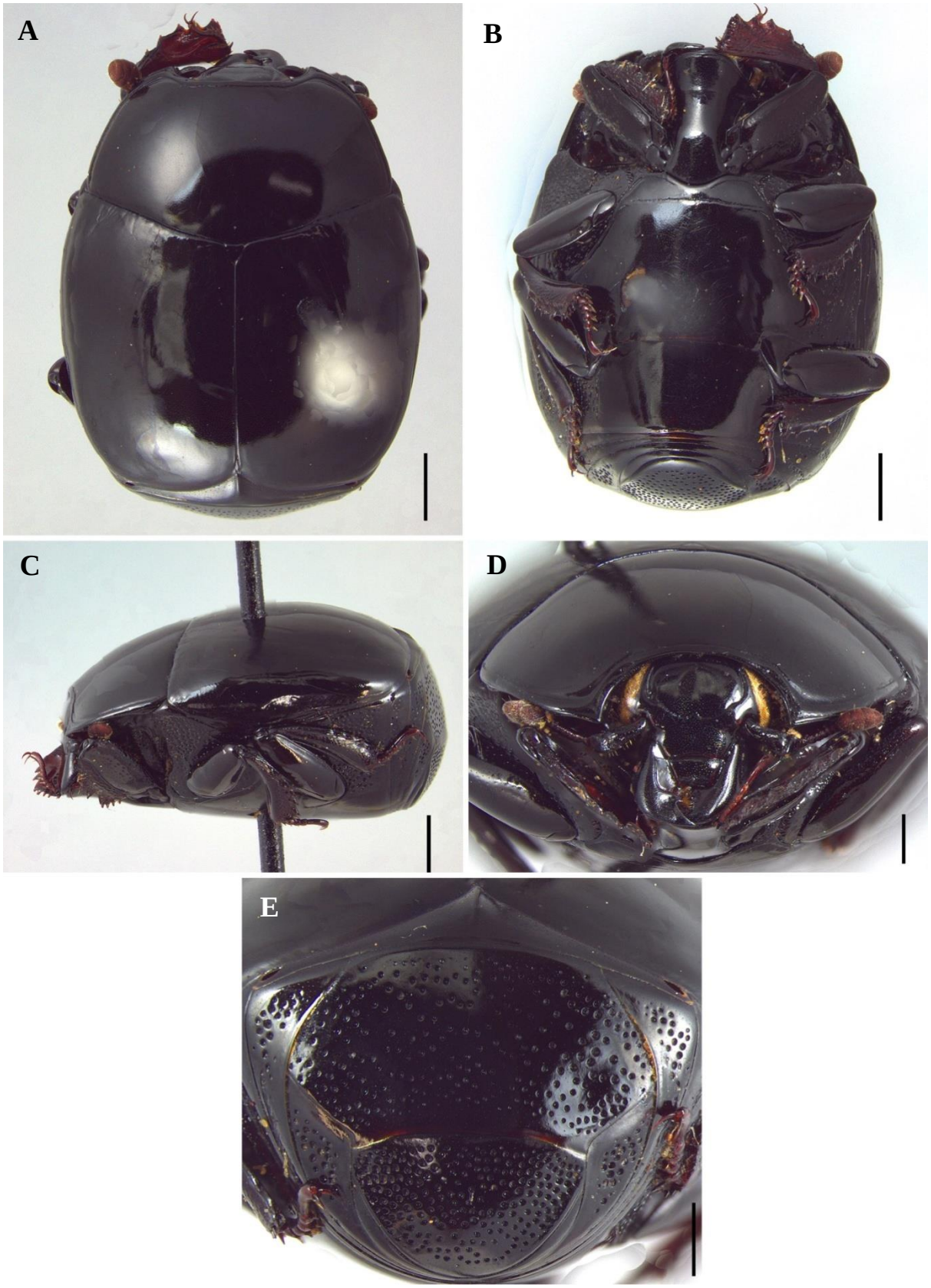

Fig 21. *Omalodes* (*Omalodes*) *fassli* Bickhardt, 1911. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

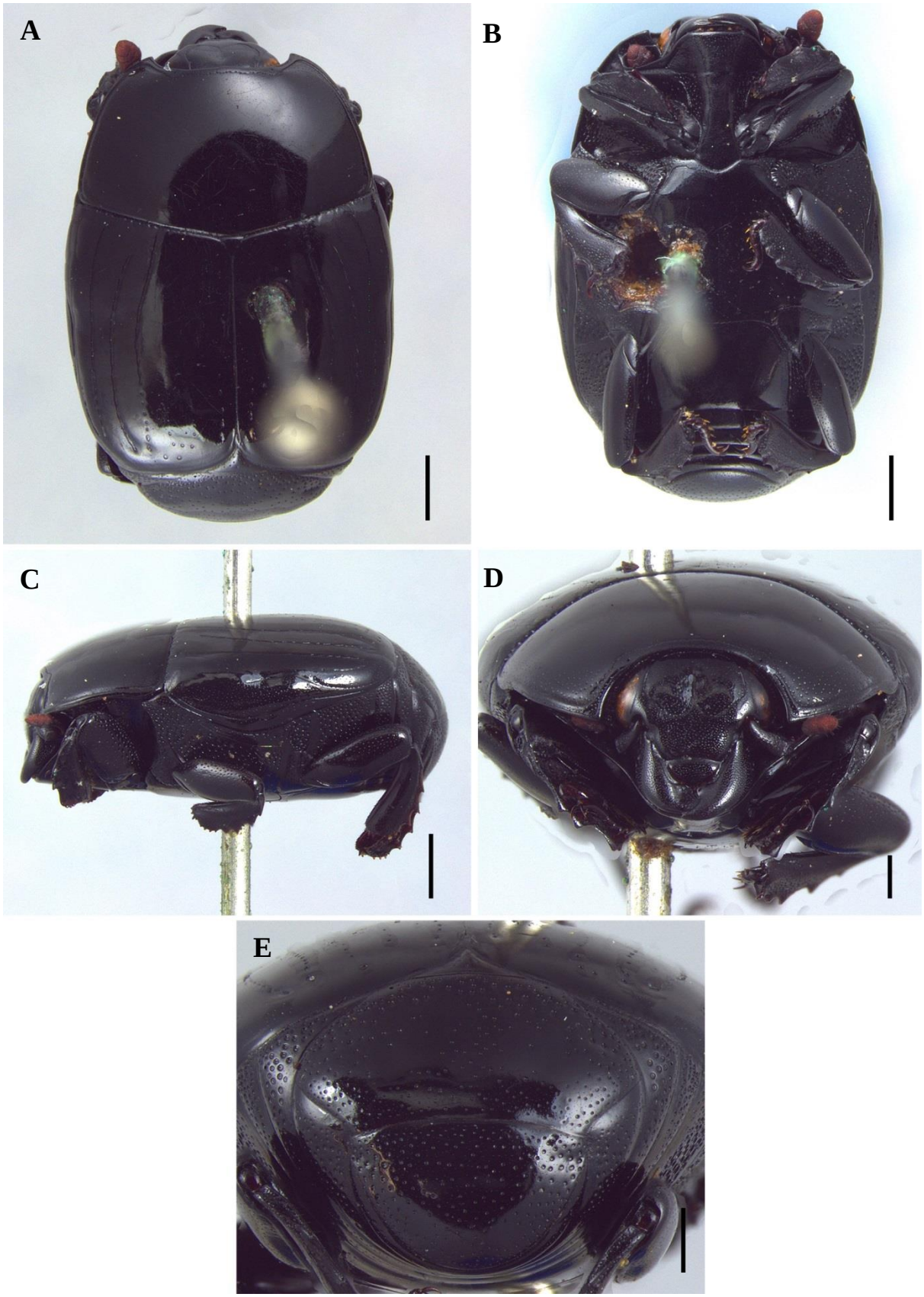

Fig 22. *Omalodes* (*Omalodes*) *faustus* Erichson, 1834. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

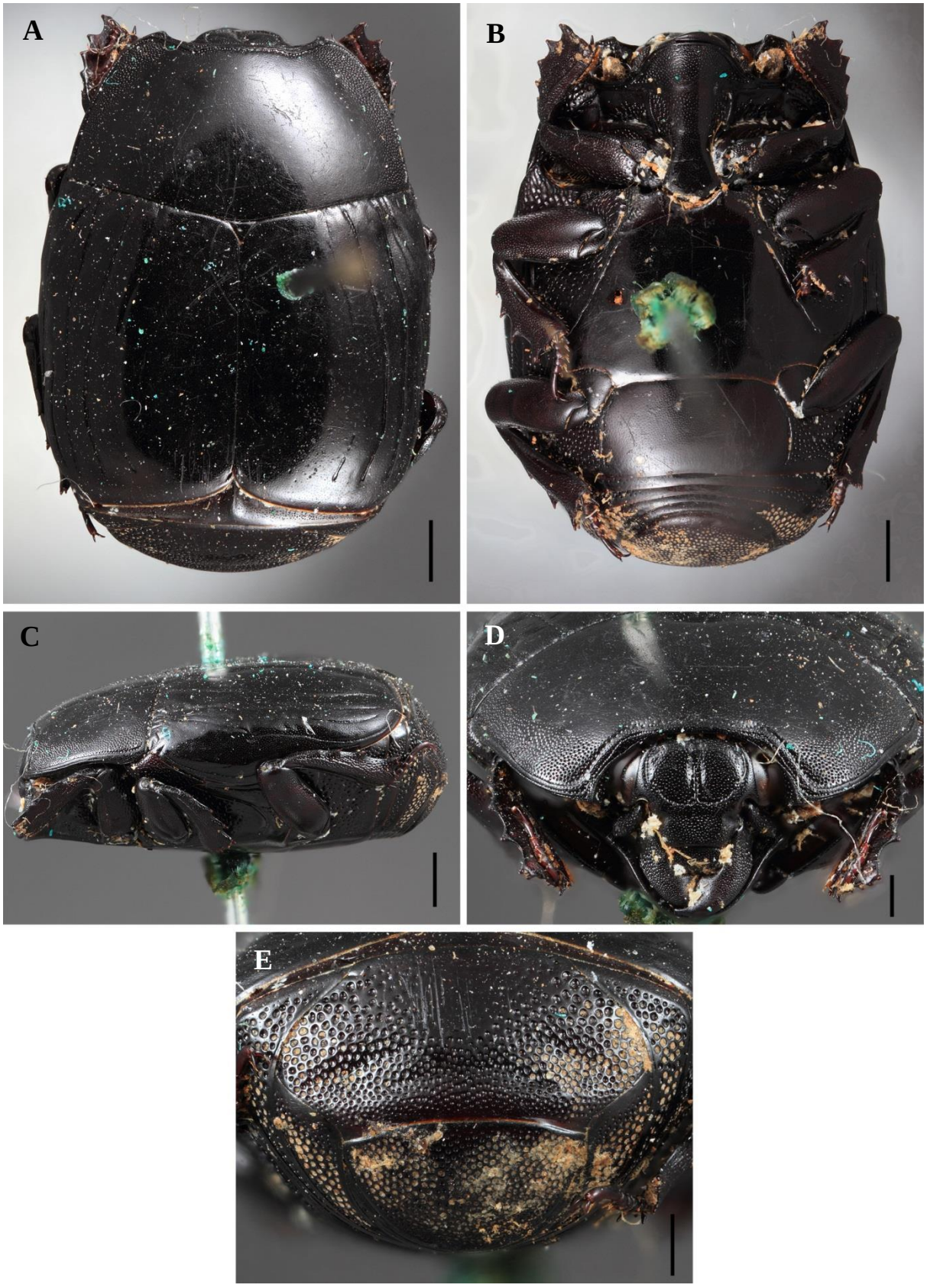

Fig 23. *Omalodes* (*Omalodes*) *felix* Lewis, 1900. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

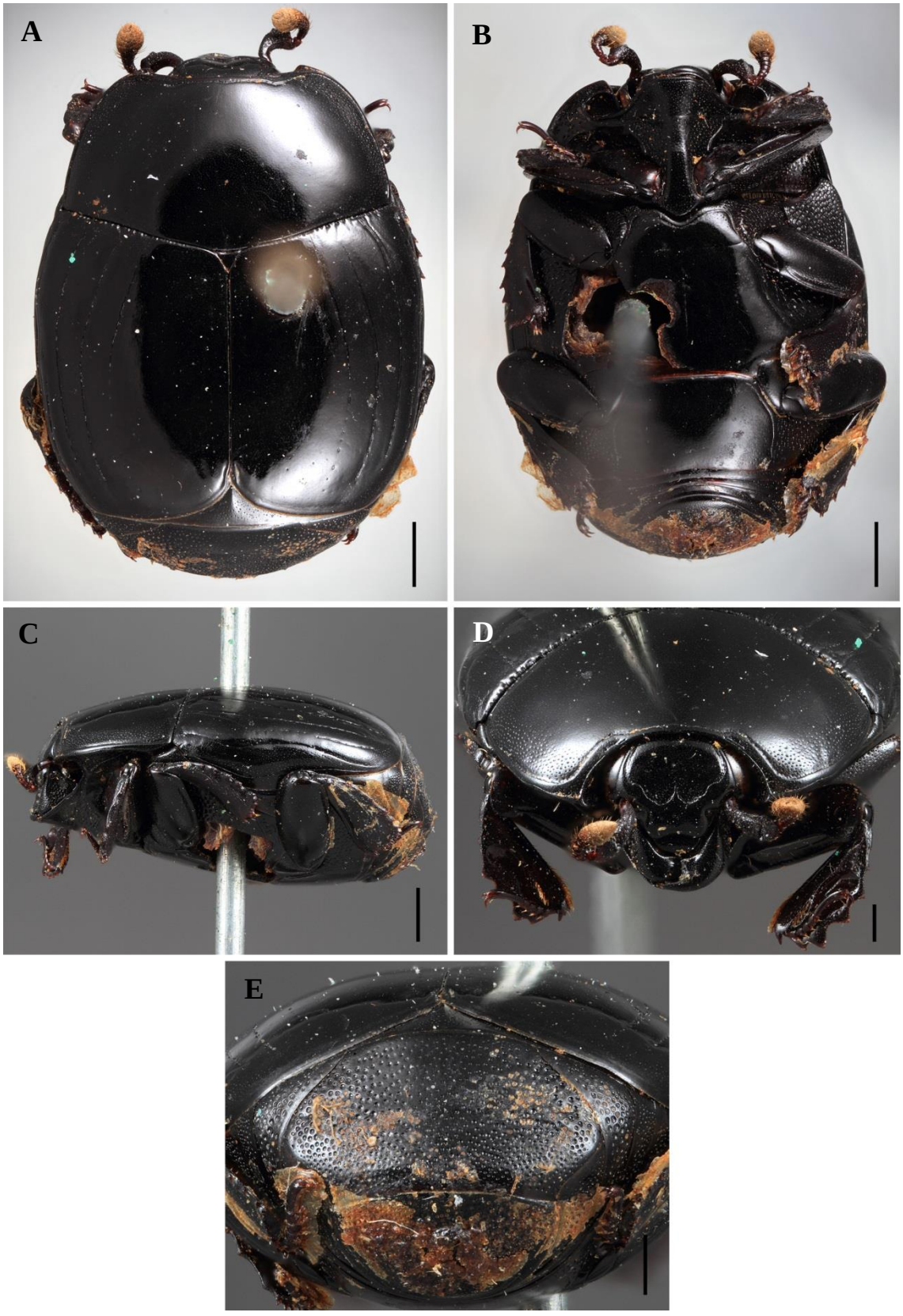

Fig 24. *Omalodes* (*Omalodes*) *fortunatus* Lewis, 1898. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

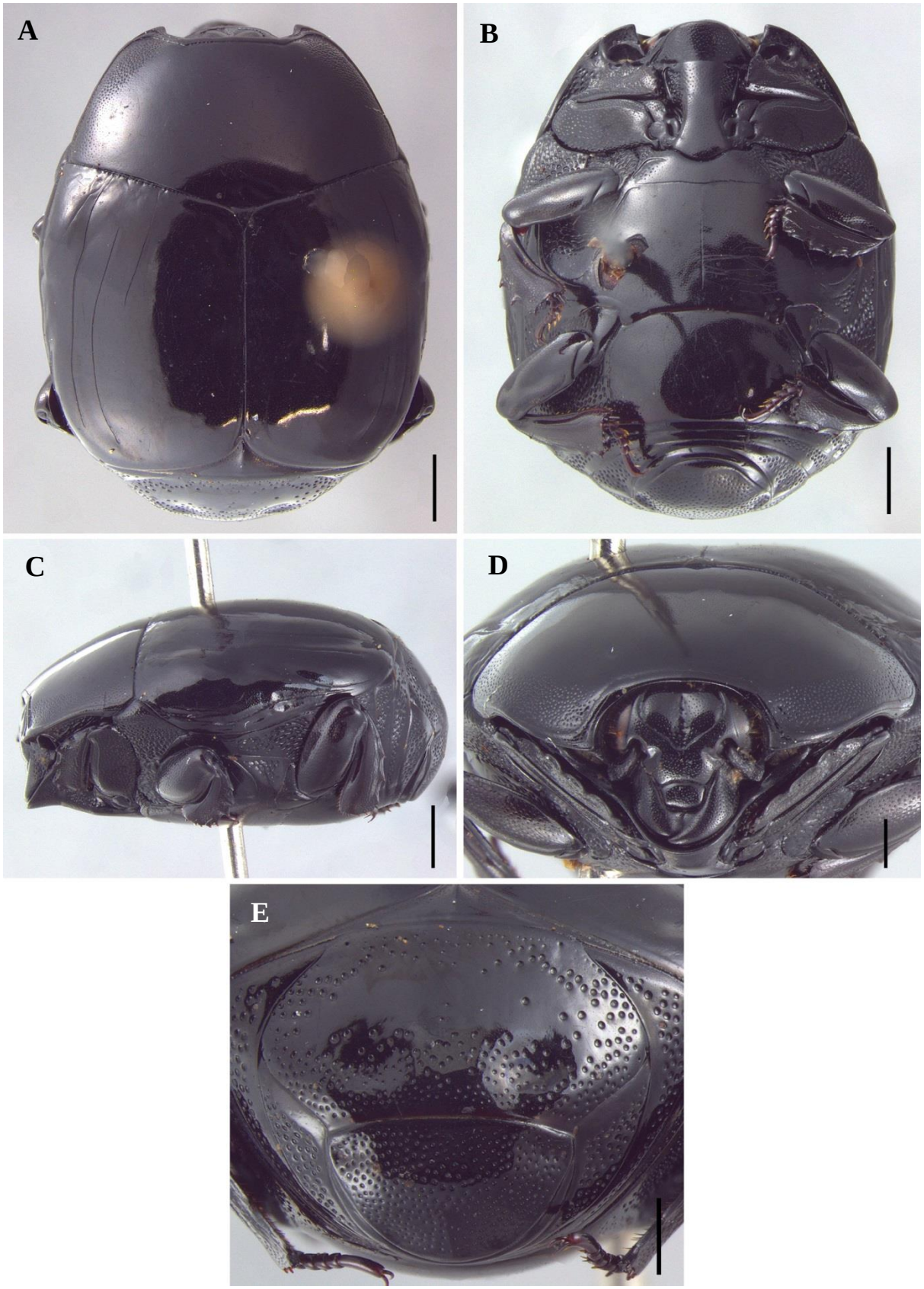

Fig 25. *Omalodes* (*Omalodes*) *foveola* Erichson, 1834. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

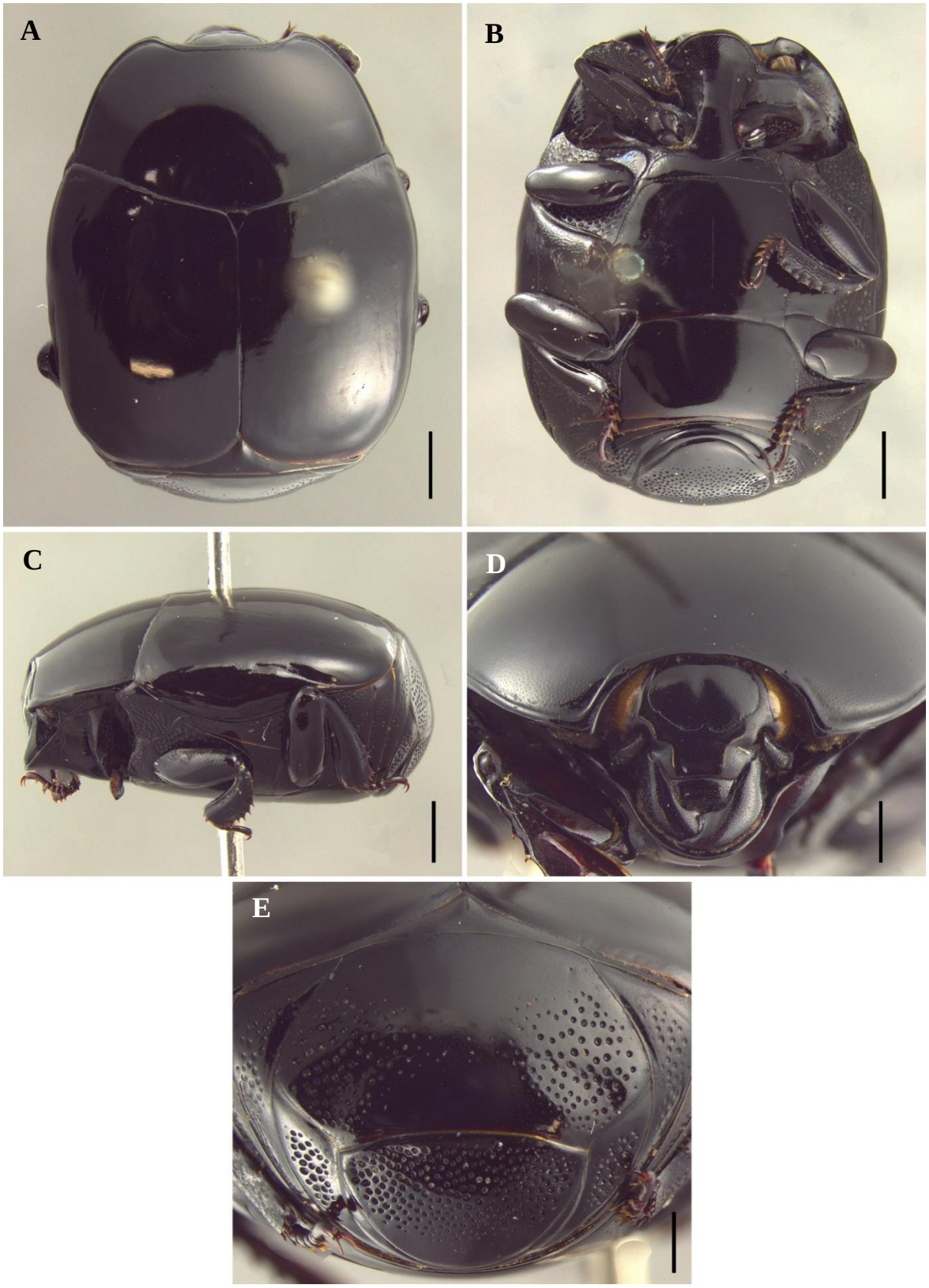

Fig 26. *Omalodes* (*Omalodes*) *gagatinus* Erichson, 1847. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

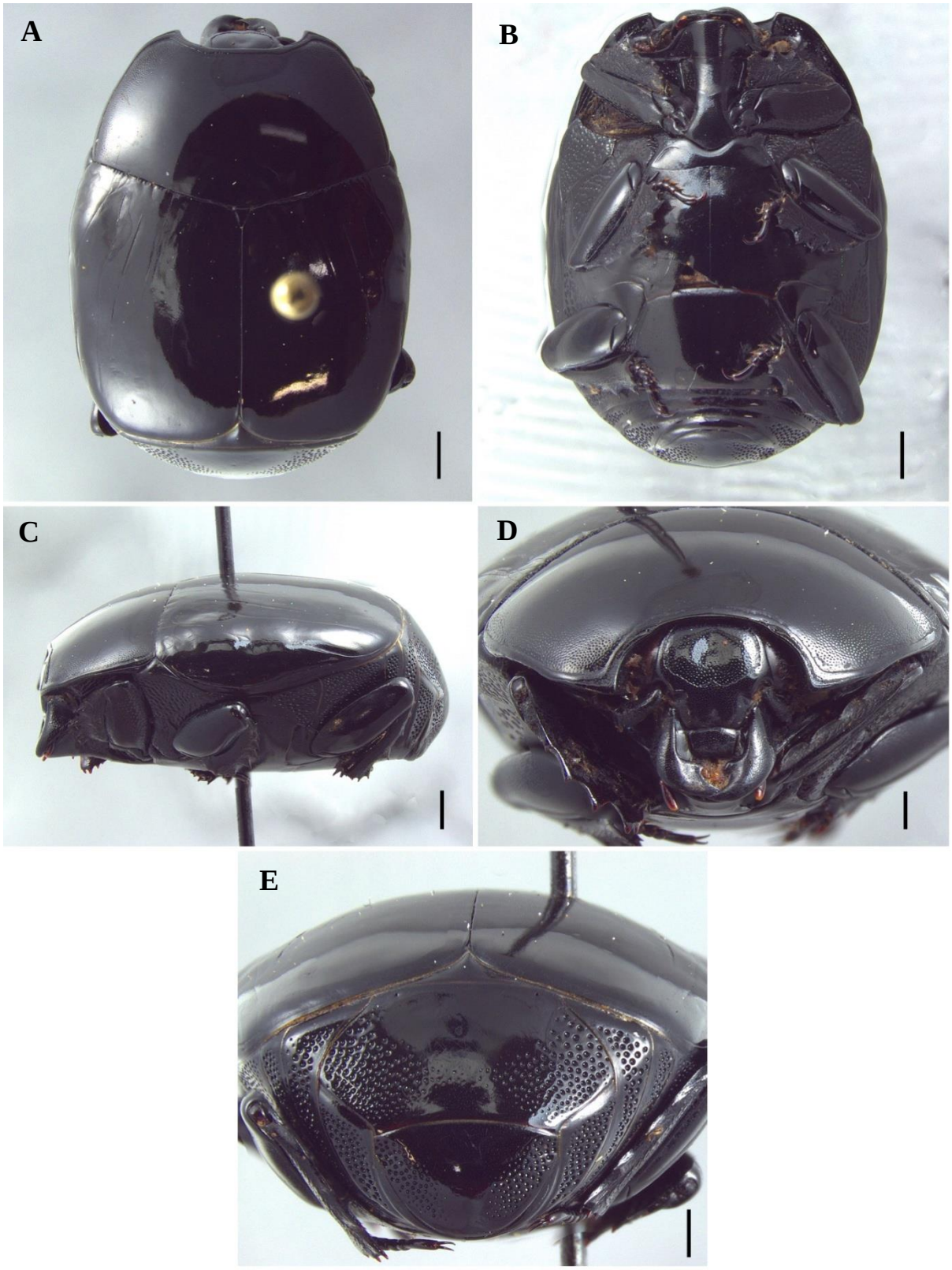

Fig 27. *Omalodes* (*Omalodes*) *grossus* Marseul, 1853. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

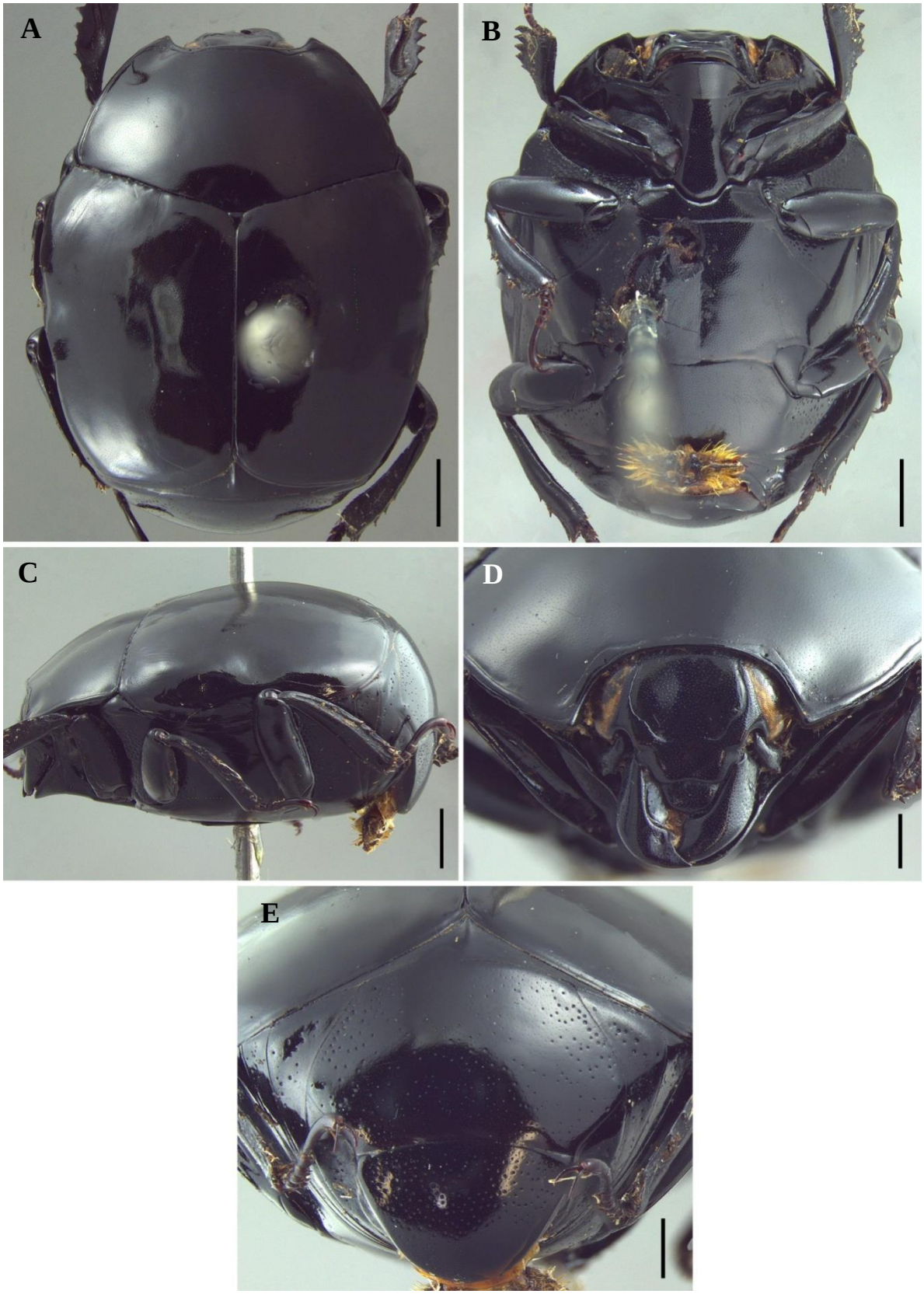

Fig 28. *Omalodes* (*Omalodes*) *humerosus* Schmidt, 1889. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

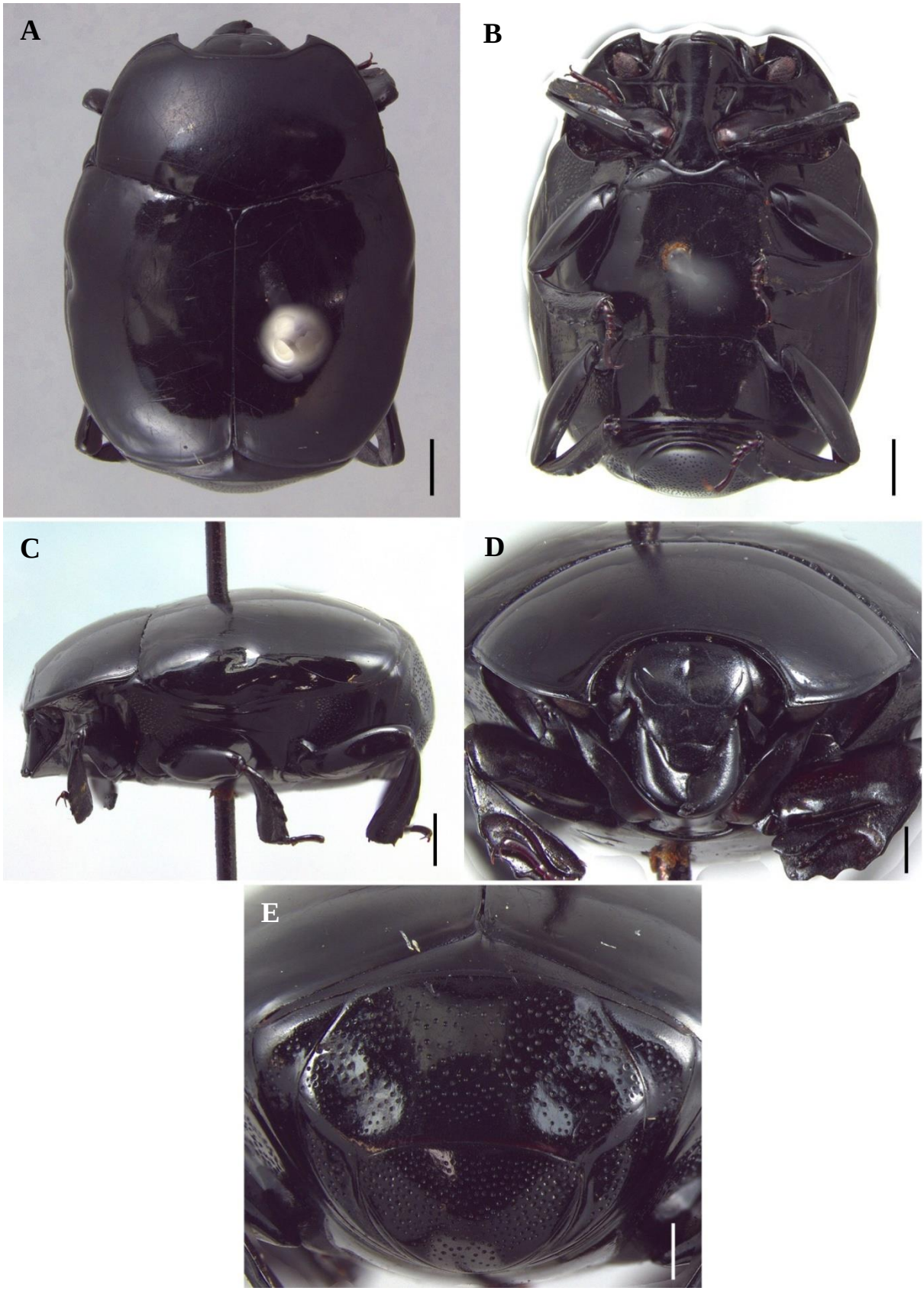

Fig 29. *Omalodes* (*Omalodes*) *laevicollis* Bickhardt, 1911. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

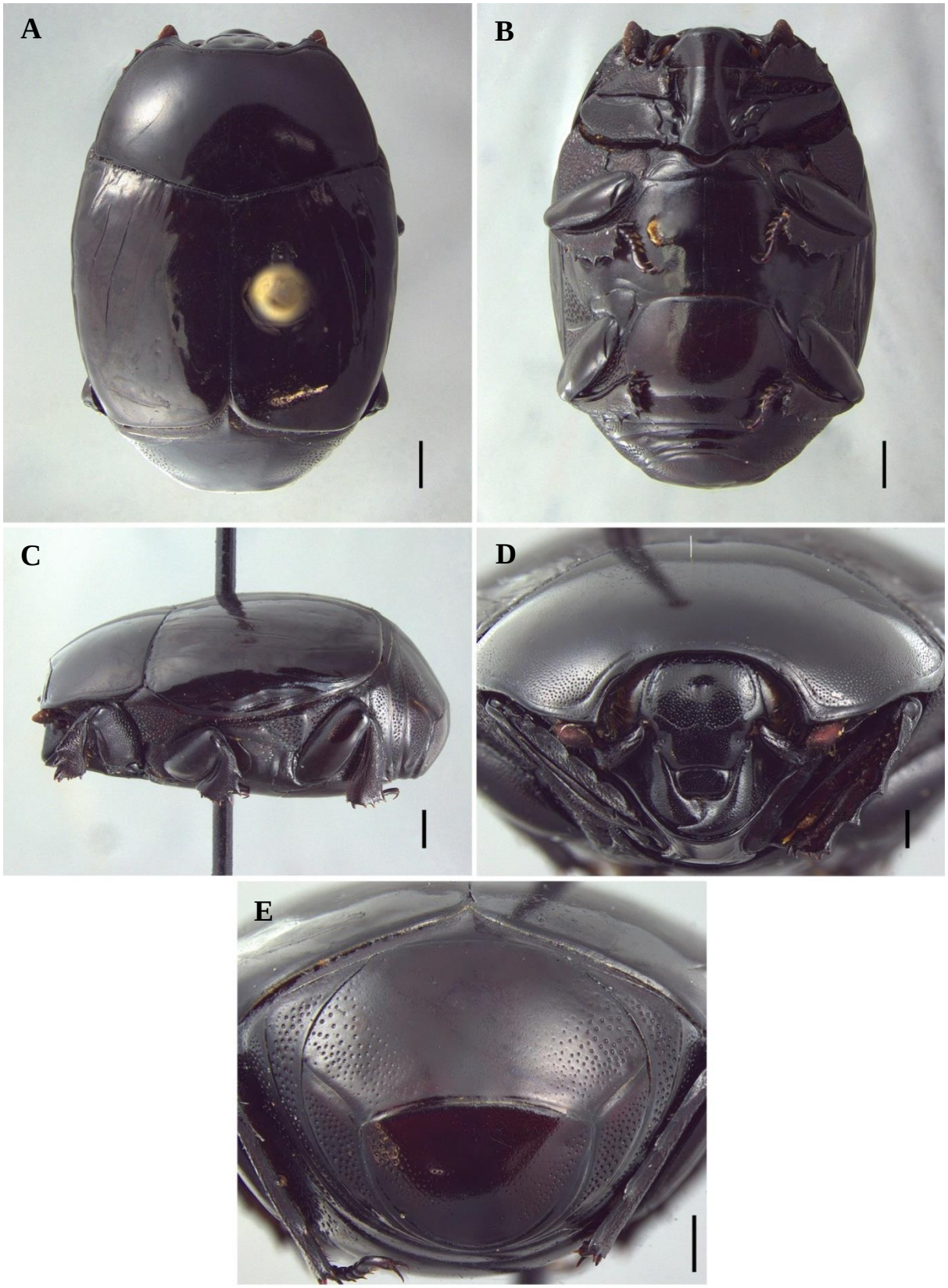

Fig 30. *Omalodes* (*Omalodes*) *lapsans* Marseul, 1861. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

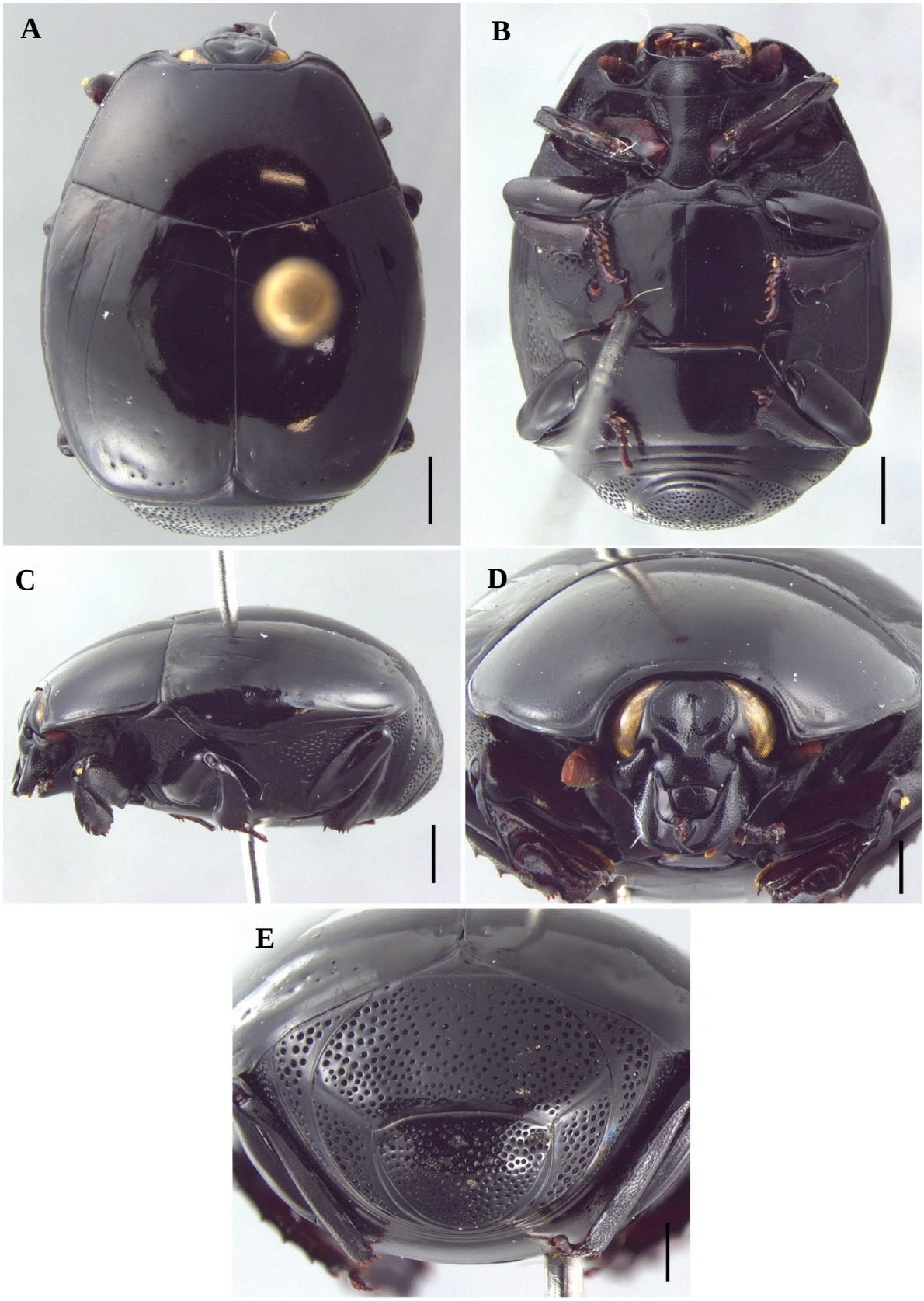

Fig 31. *Omalodes* (*Omalodes*) *lucidus* Erichson, 1834. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

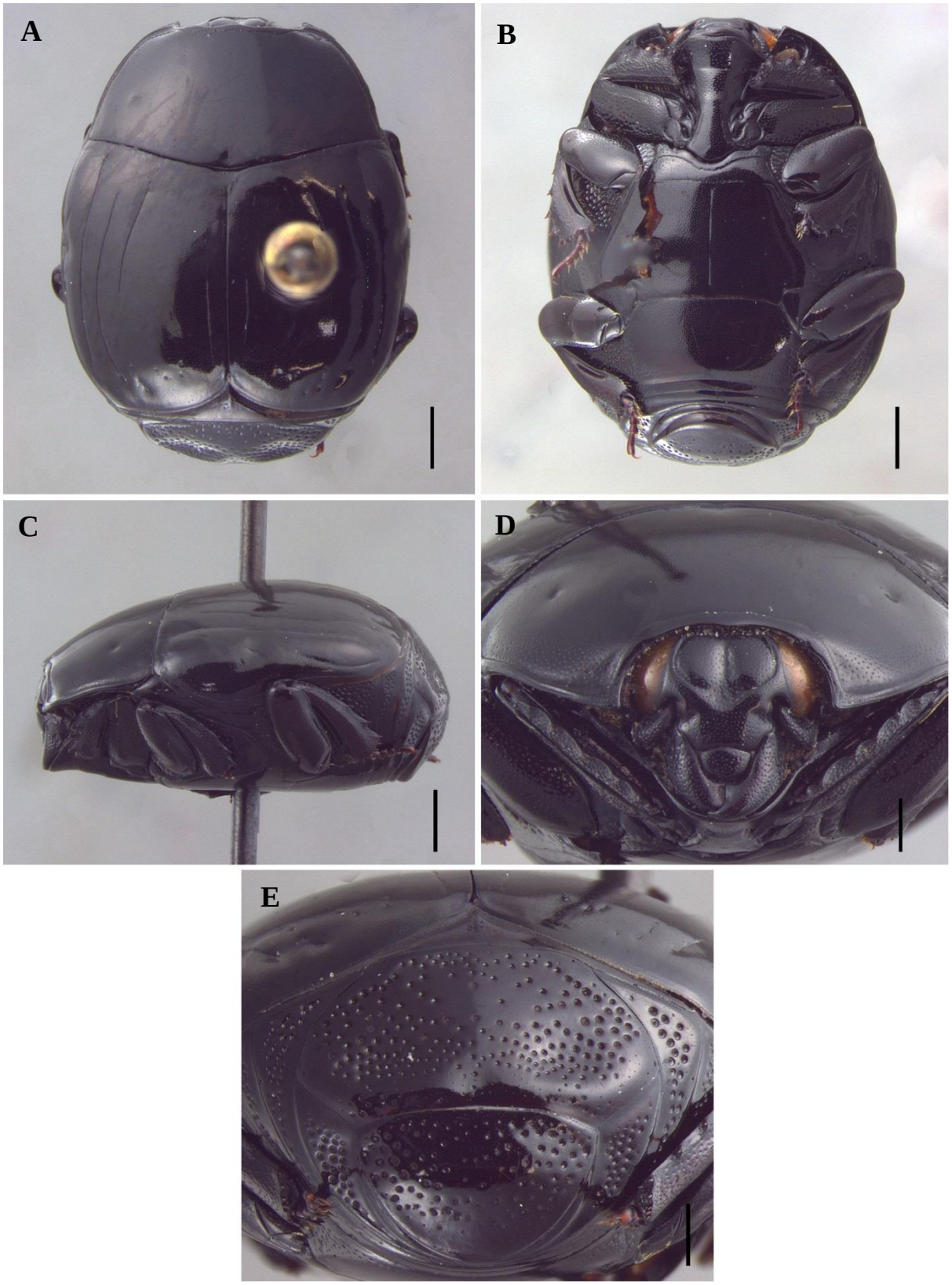

Fig 32. *Omalodes* (*Omalodes*) *mazuri* Moura & Almeida, 2013. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

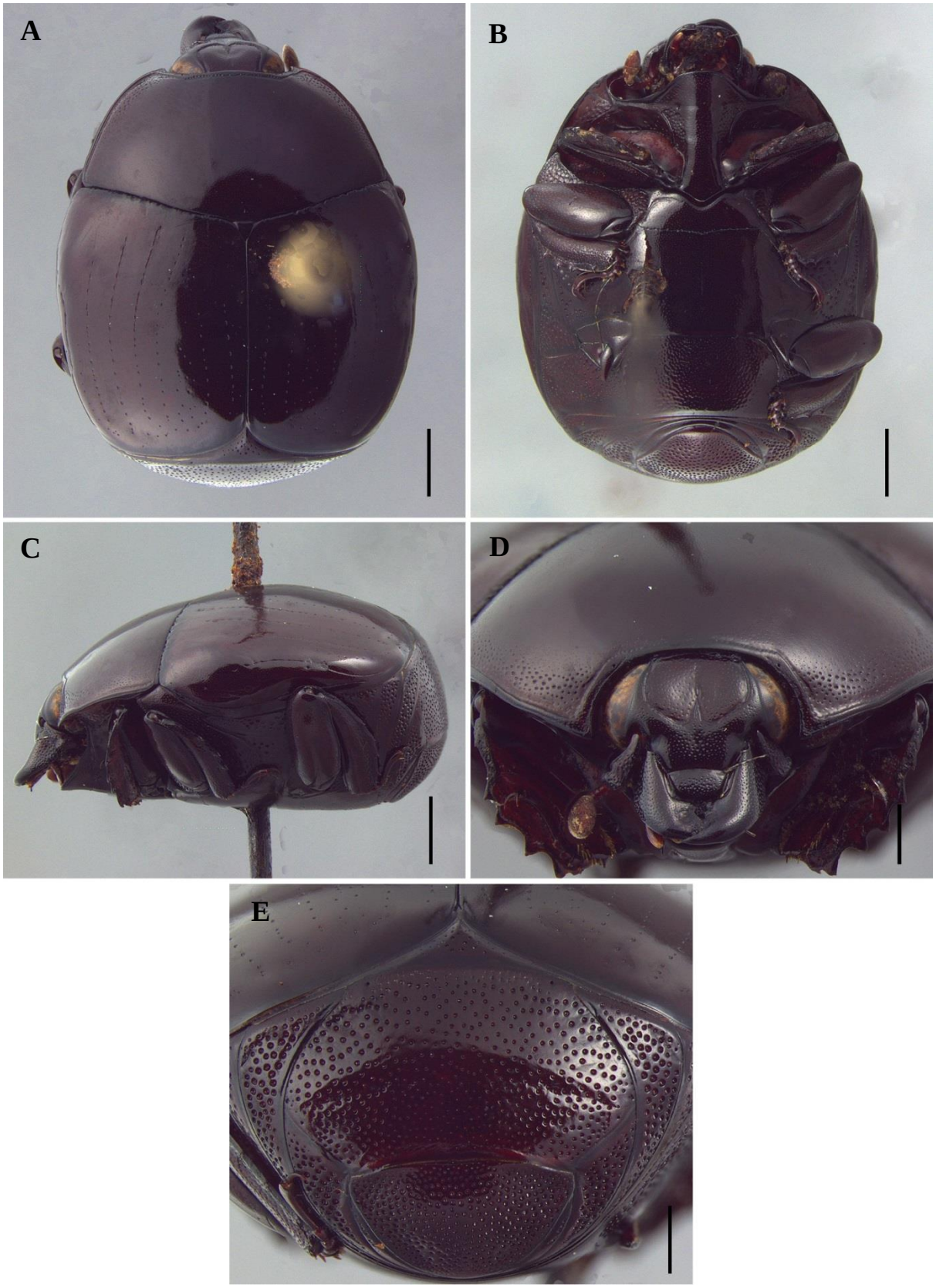

Fig 33. *Omalodes* (*Omalodes*) *mendax* Marseul, 1861. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

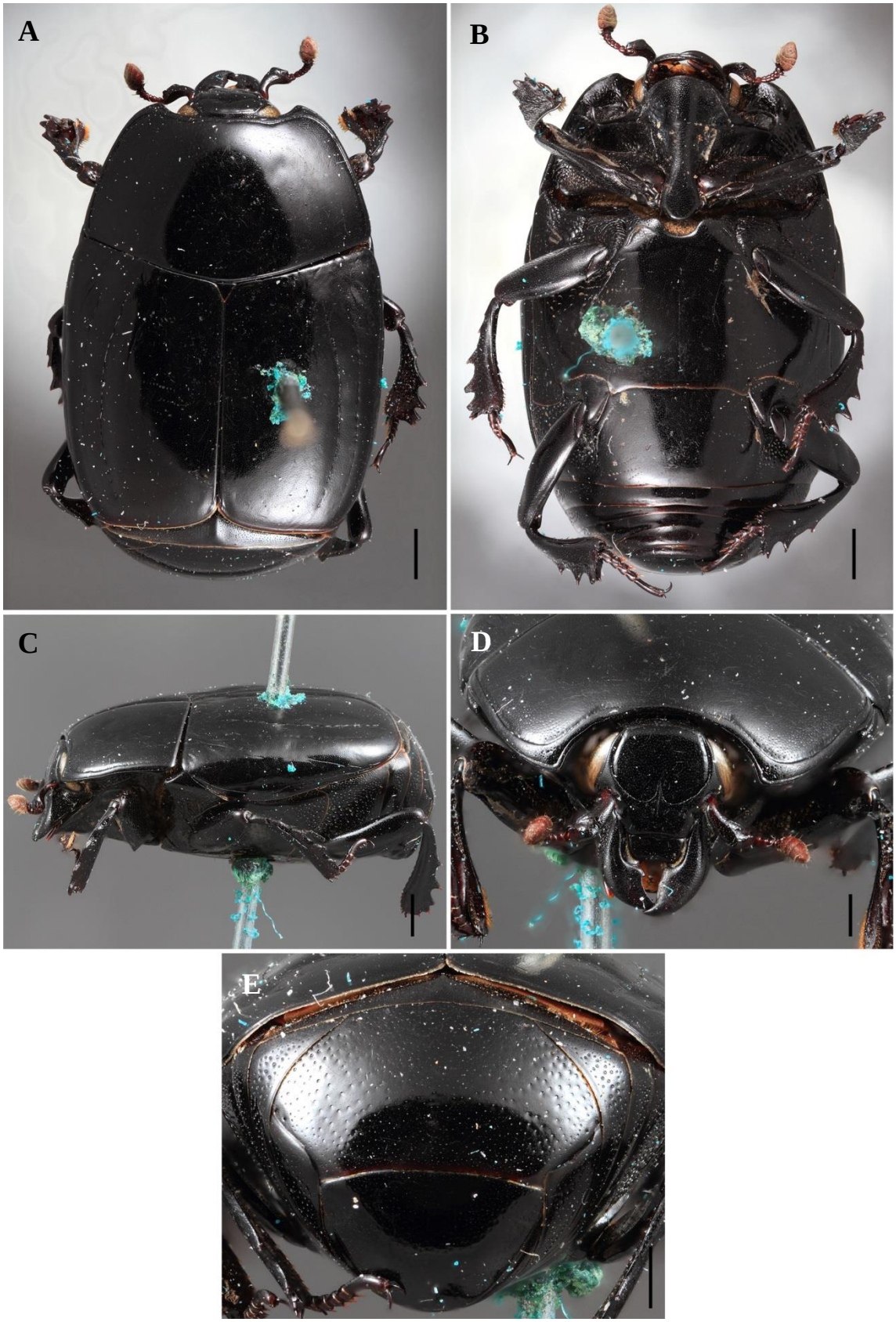

Fig 34. *Omalodes* (*Omalodes*) *mestino*Lewis, 1904. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

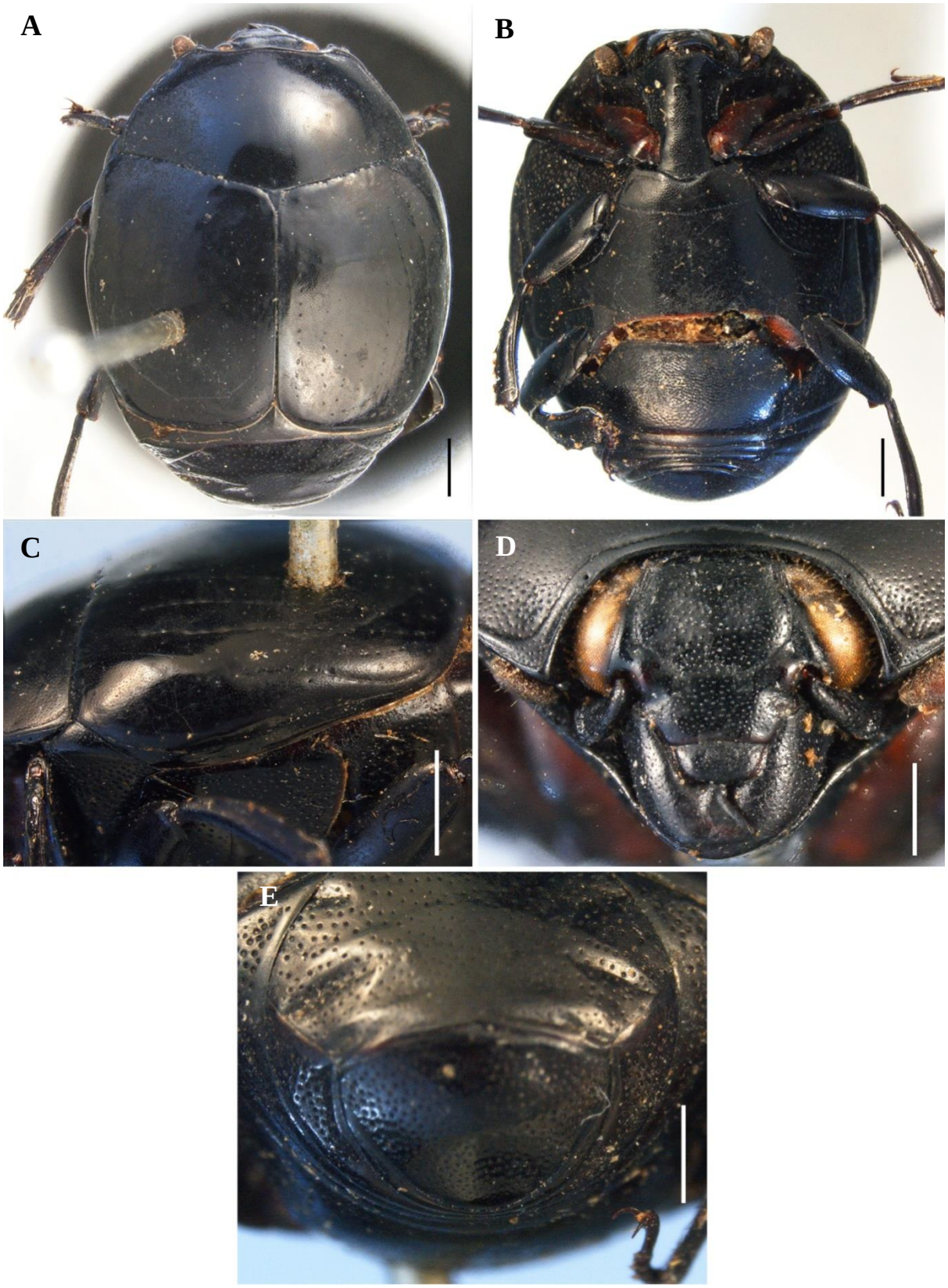

Fig 35. *Omalodes* (*Omalodes*) *monilifer* Marseul, 1853. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

Fig 36. *Omalodes* (*Omalodes*) *novus* Marseul, 1853. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

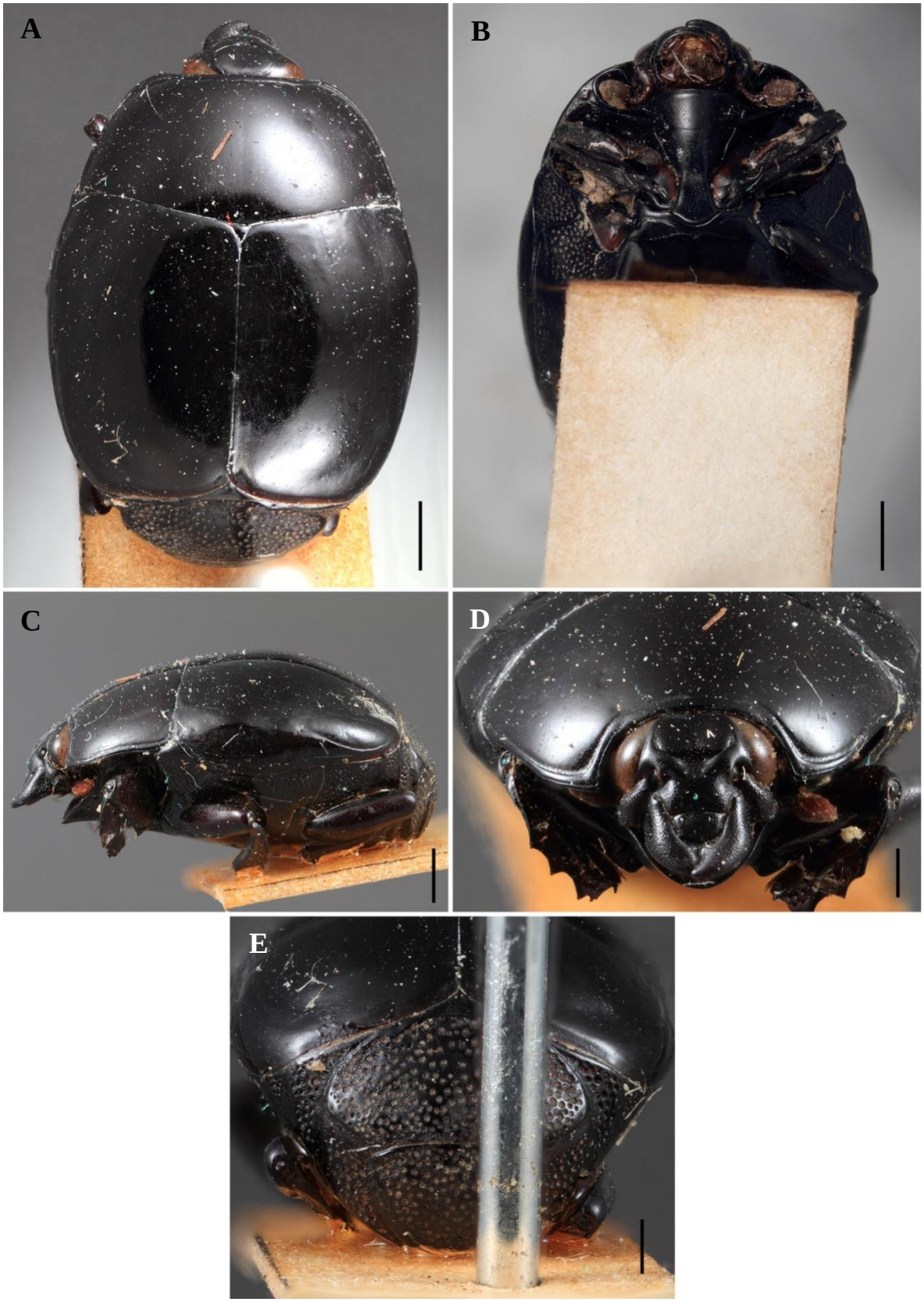

Fig 37. *Omalodes* (*Omalodes*) *obliquistrius* Lewis, 1908. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

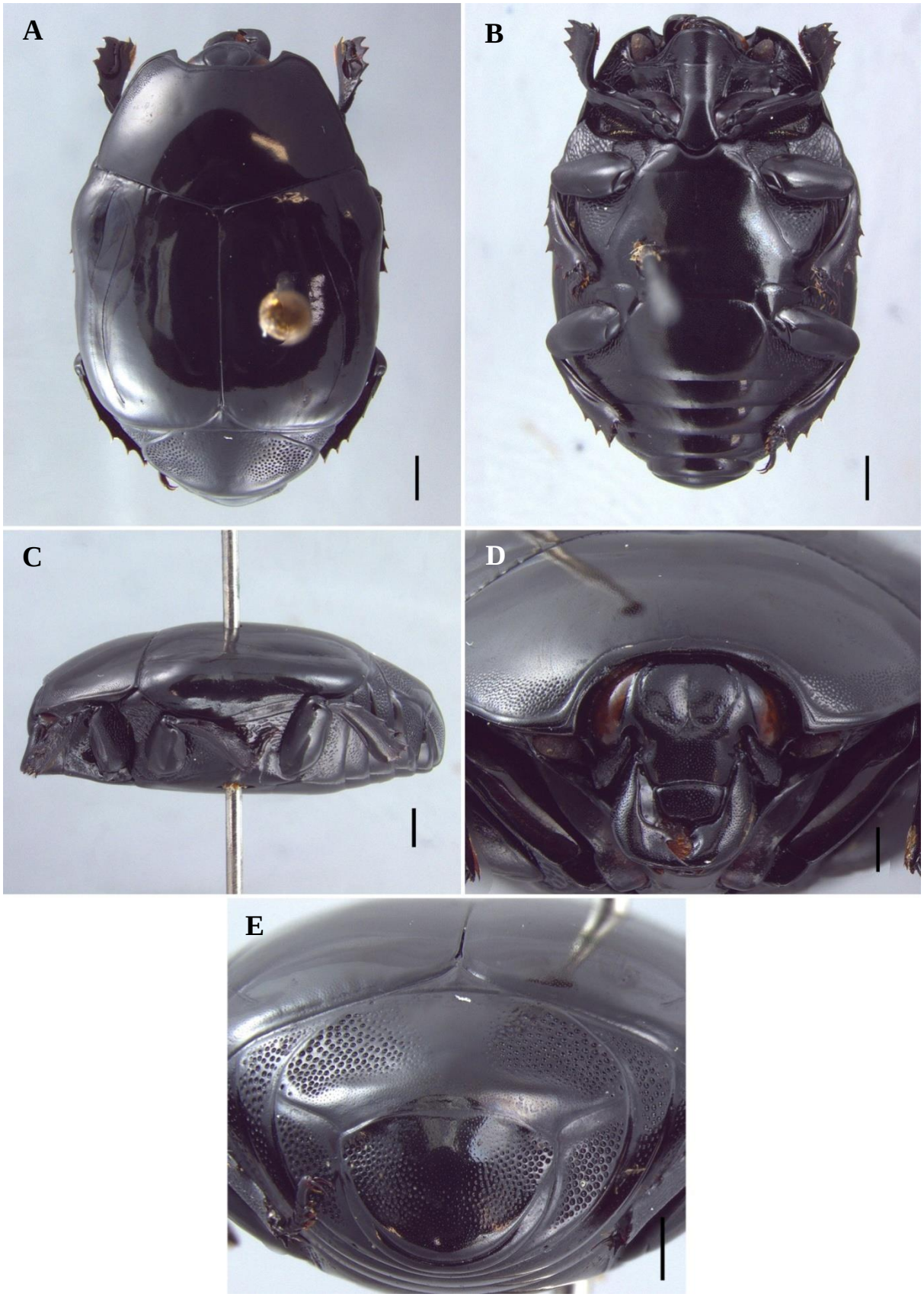

Fig 38. *Omalodes* (*Omalodes*) *omega* (Kirby, 1818). **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

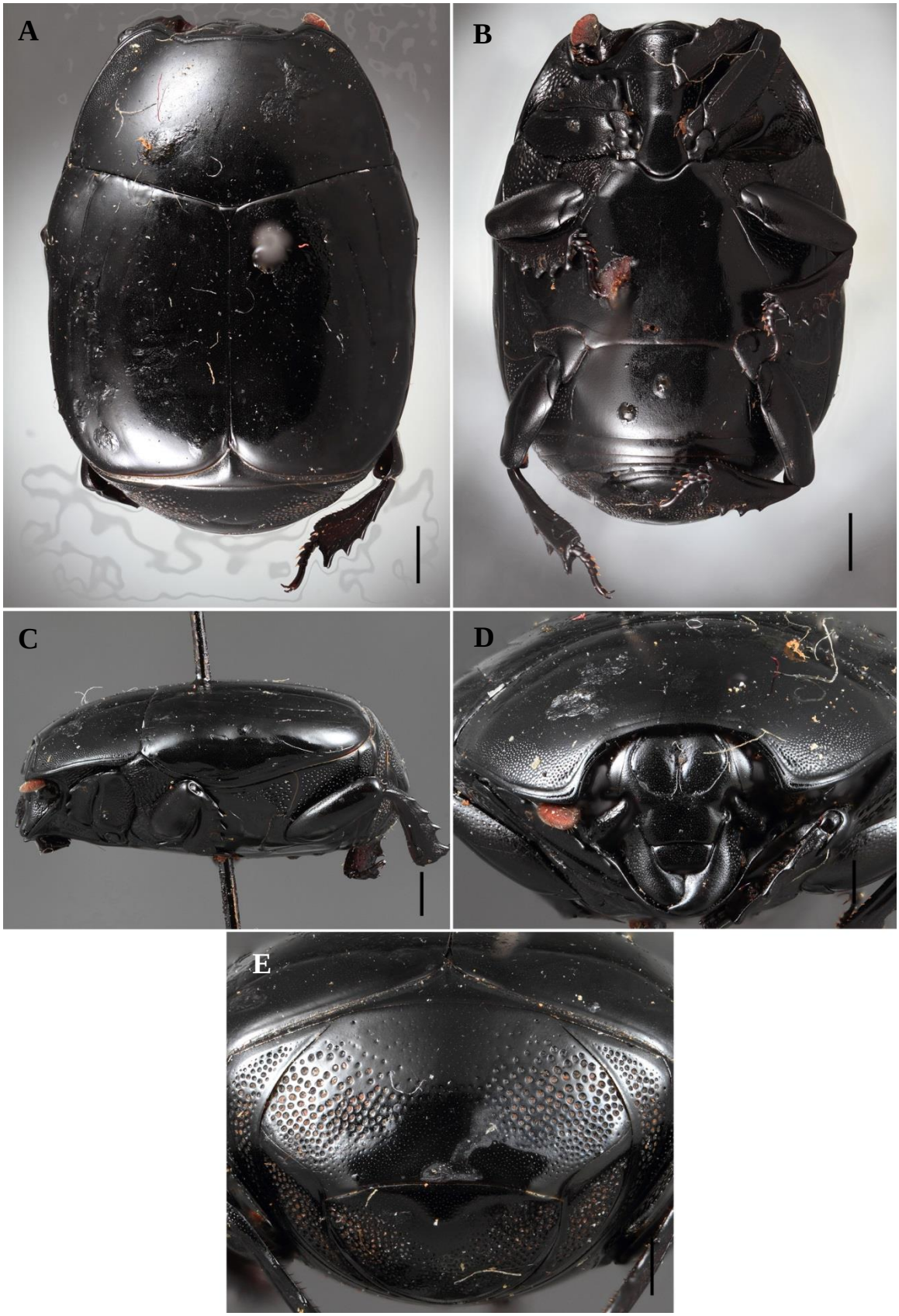

Fig 39. *Omalodes* (*Omalodes*) *optatus* Lewis, 1911. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

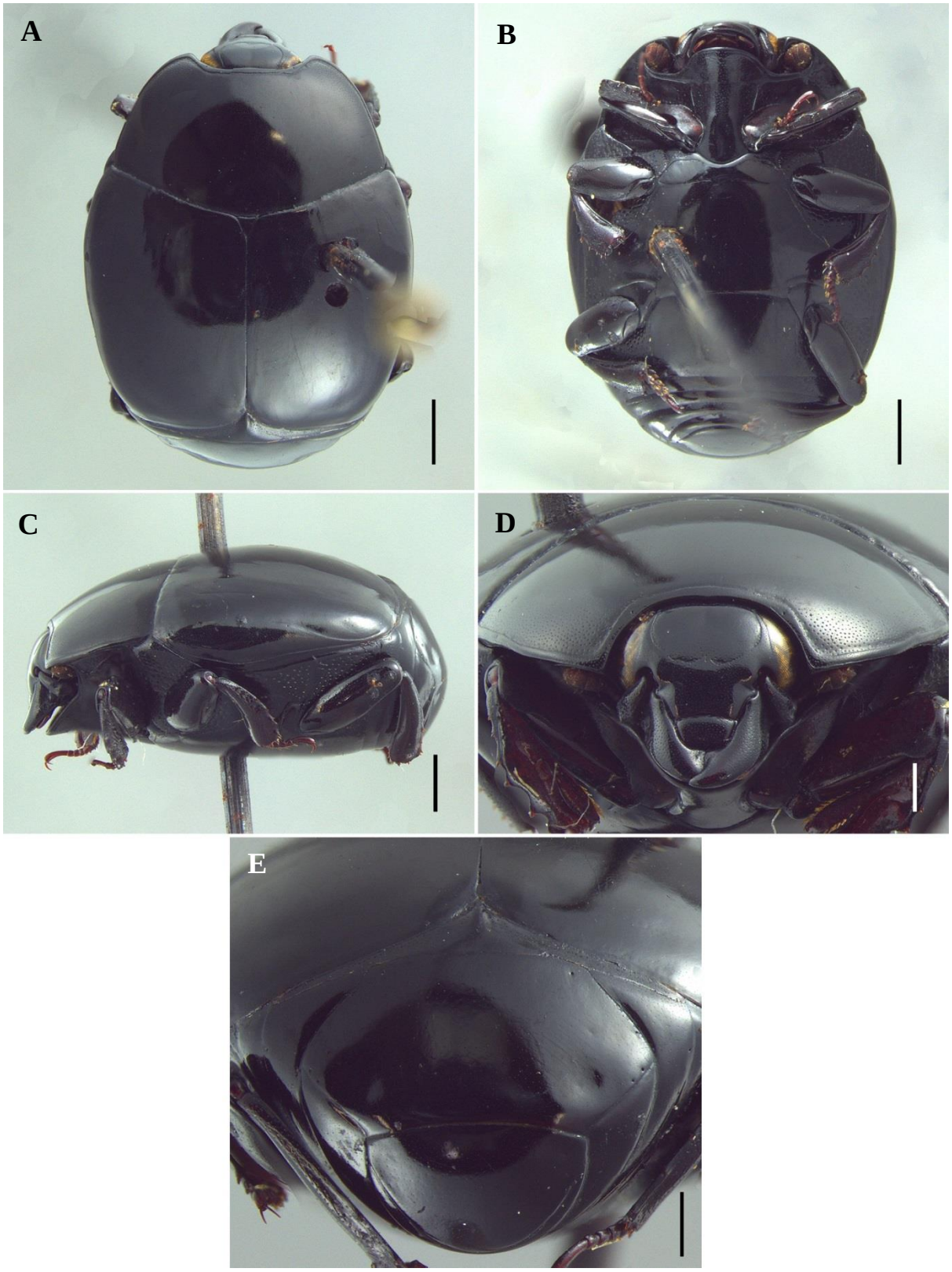

Fig 40. *Omalodes* (*Omalodes*) *perpolitus* Schmidt, 1893. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

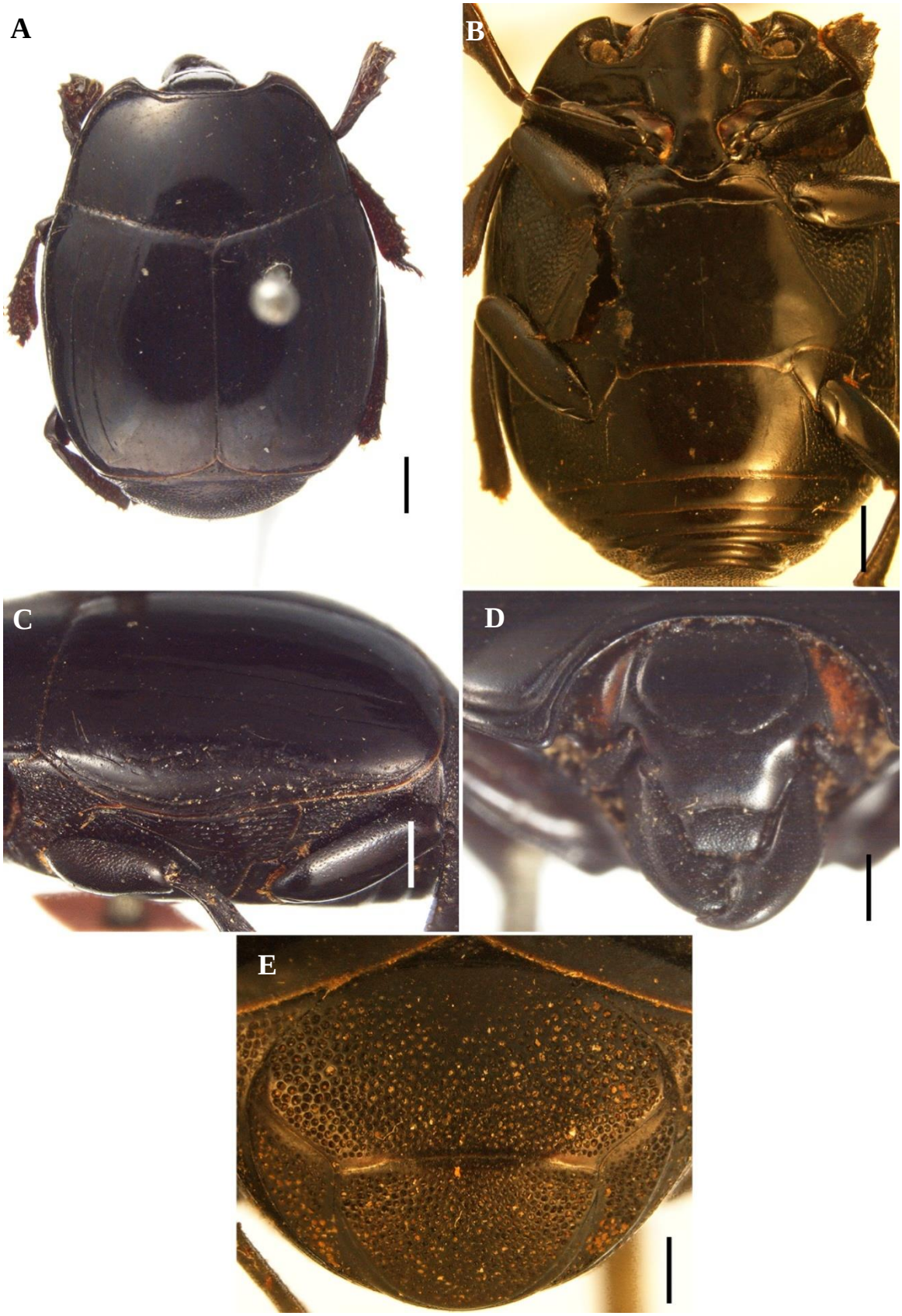

Fig 41. *Omalodes* (*Omalodes*) *planifrons* Marseul, 1853. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

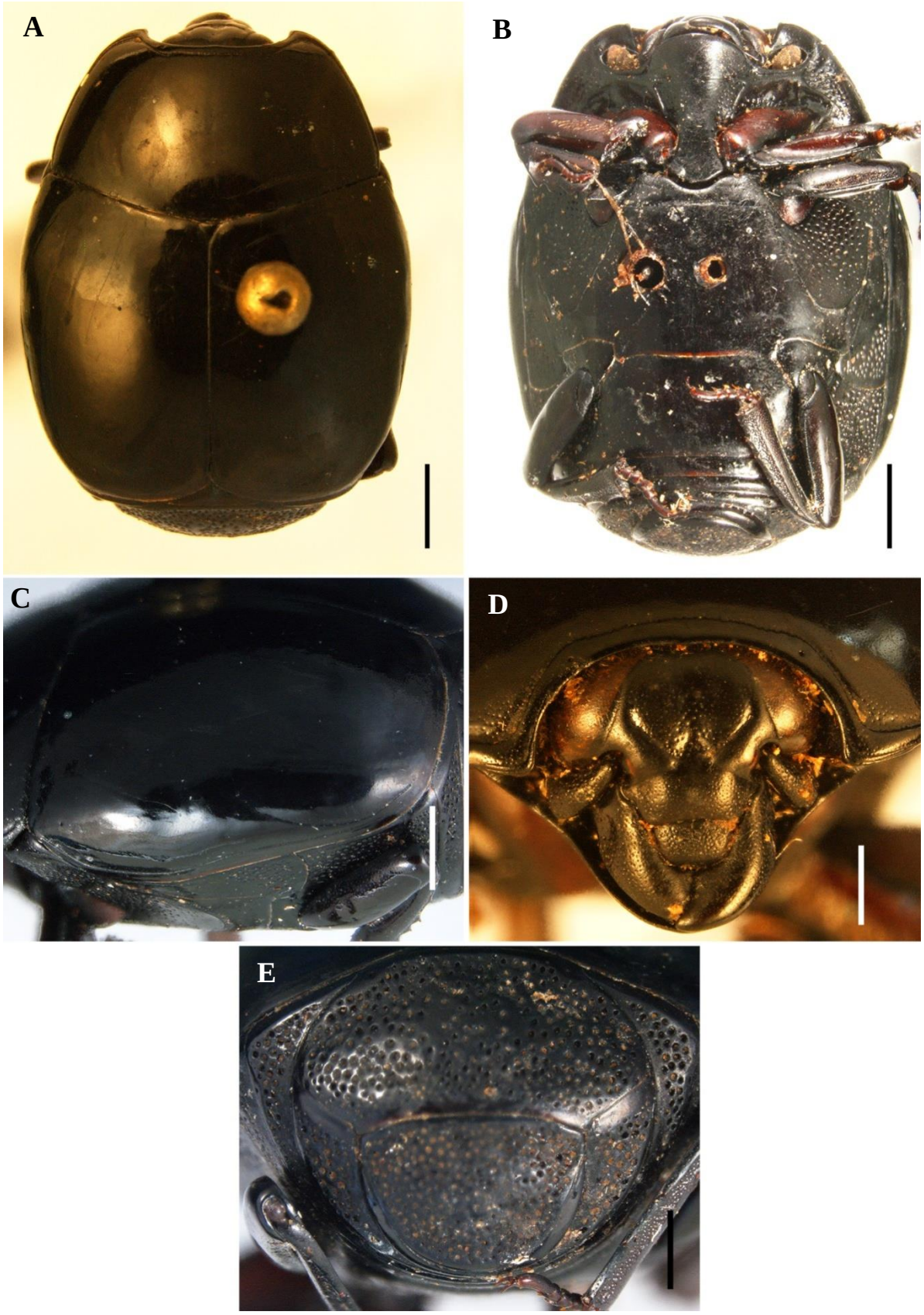

Fig 42. *Omalodes* (*Omalodes*) *praevius* Marseul, 1861. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

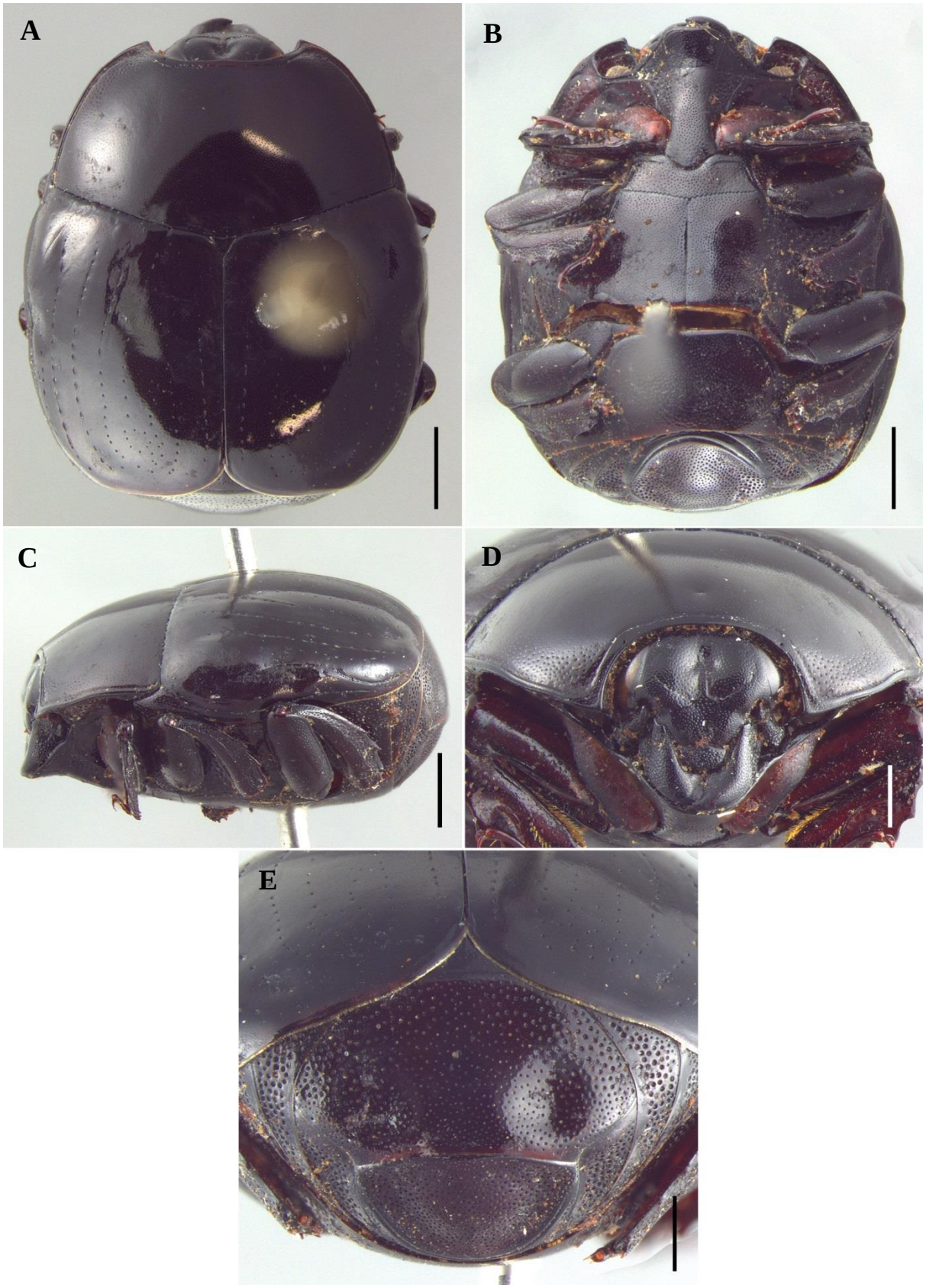

Fig 43. *Omalodes* (*Omalodes*) *pulvinatus* Erichson, 1834. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

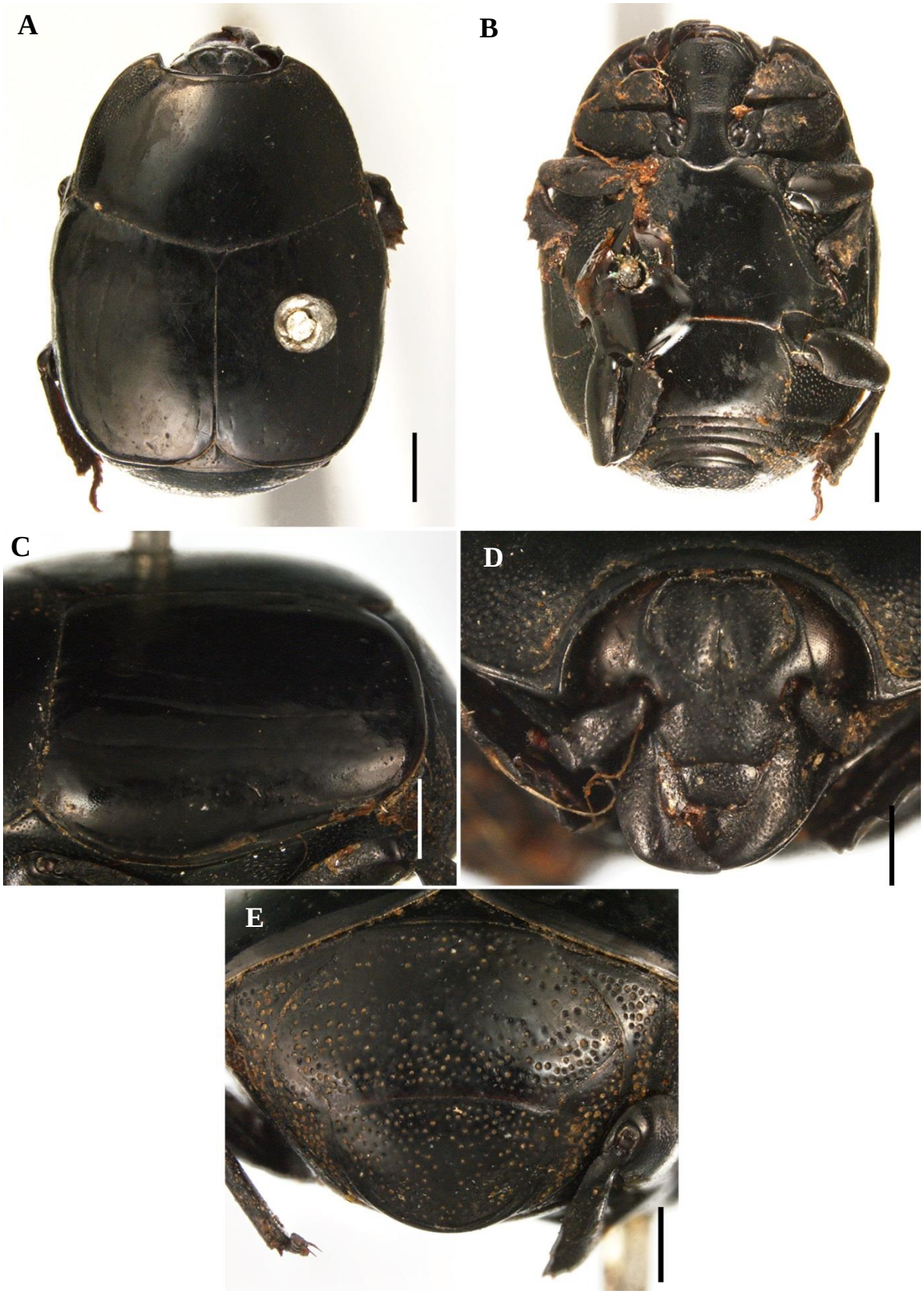

Fig 44. *Omalodes* (*Omalodes*) *punctistrius* Marseul, 1853. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

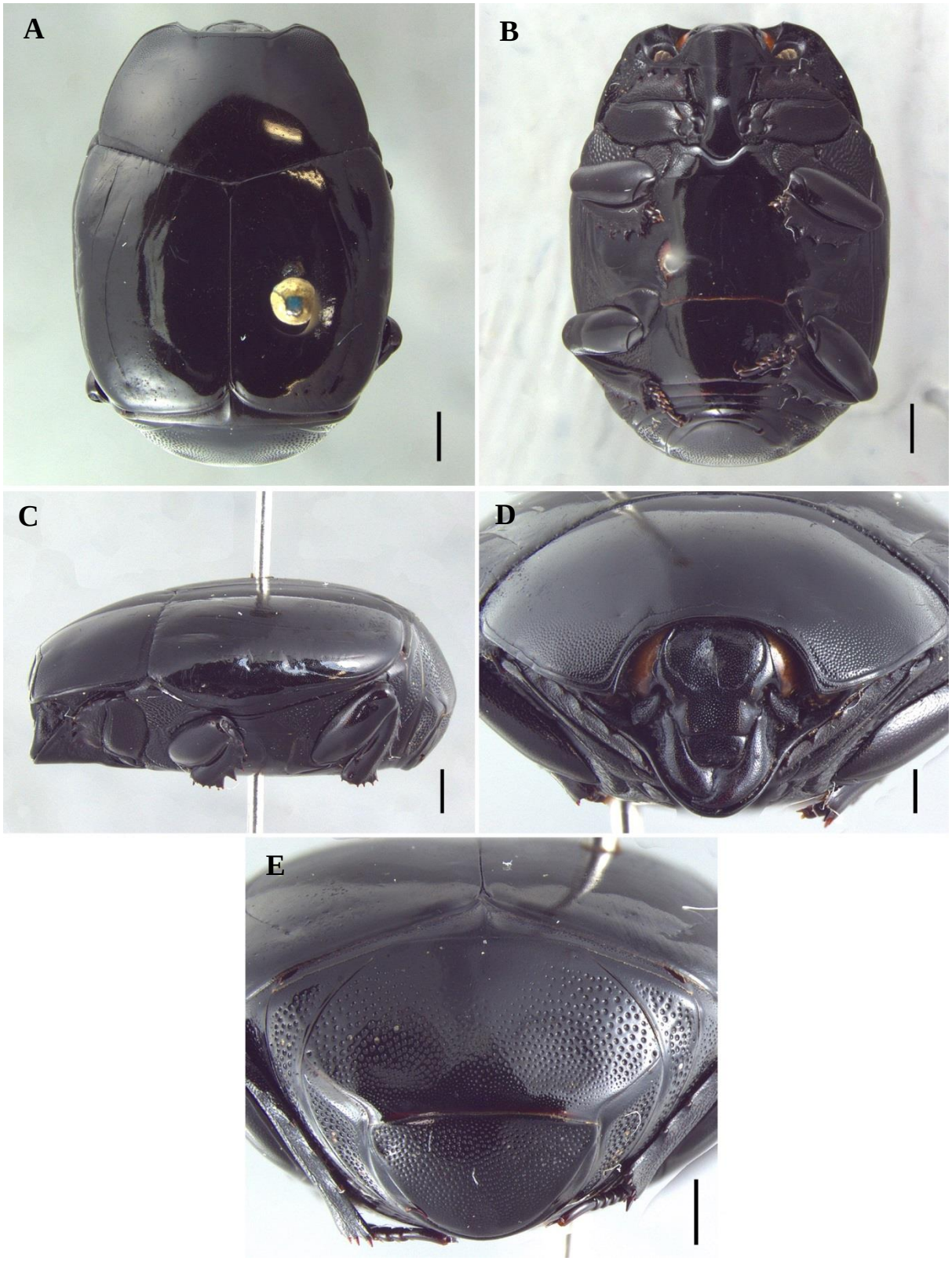

Fig 45. *Omalodes* (*Omalodes*) *punctulatus* Moura & Almeida, 2013. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

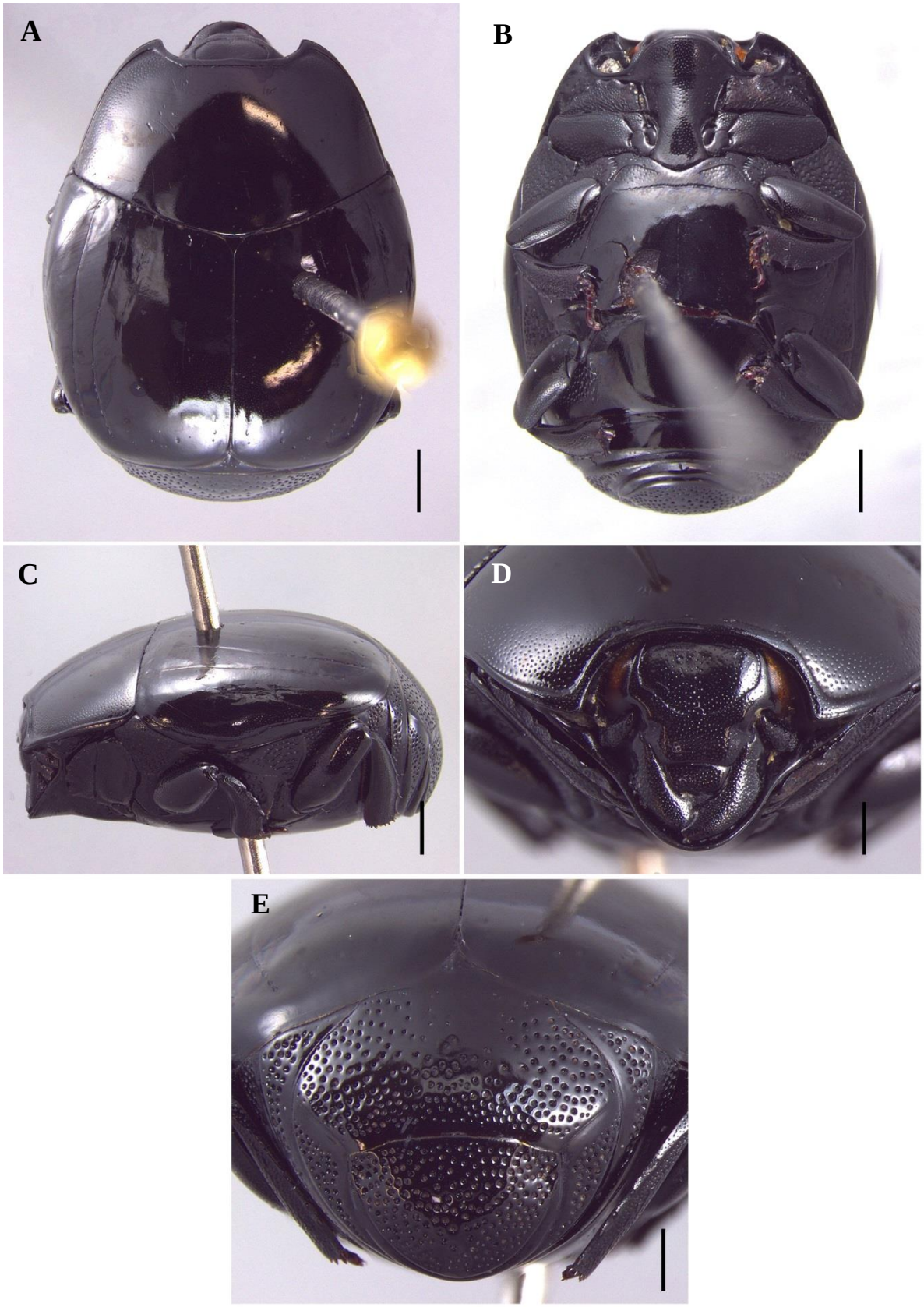

Fig 46. *Omalodes* (*Omalodes*) *rivus* Moura & Almeida, 2013. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

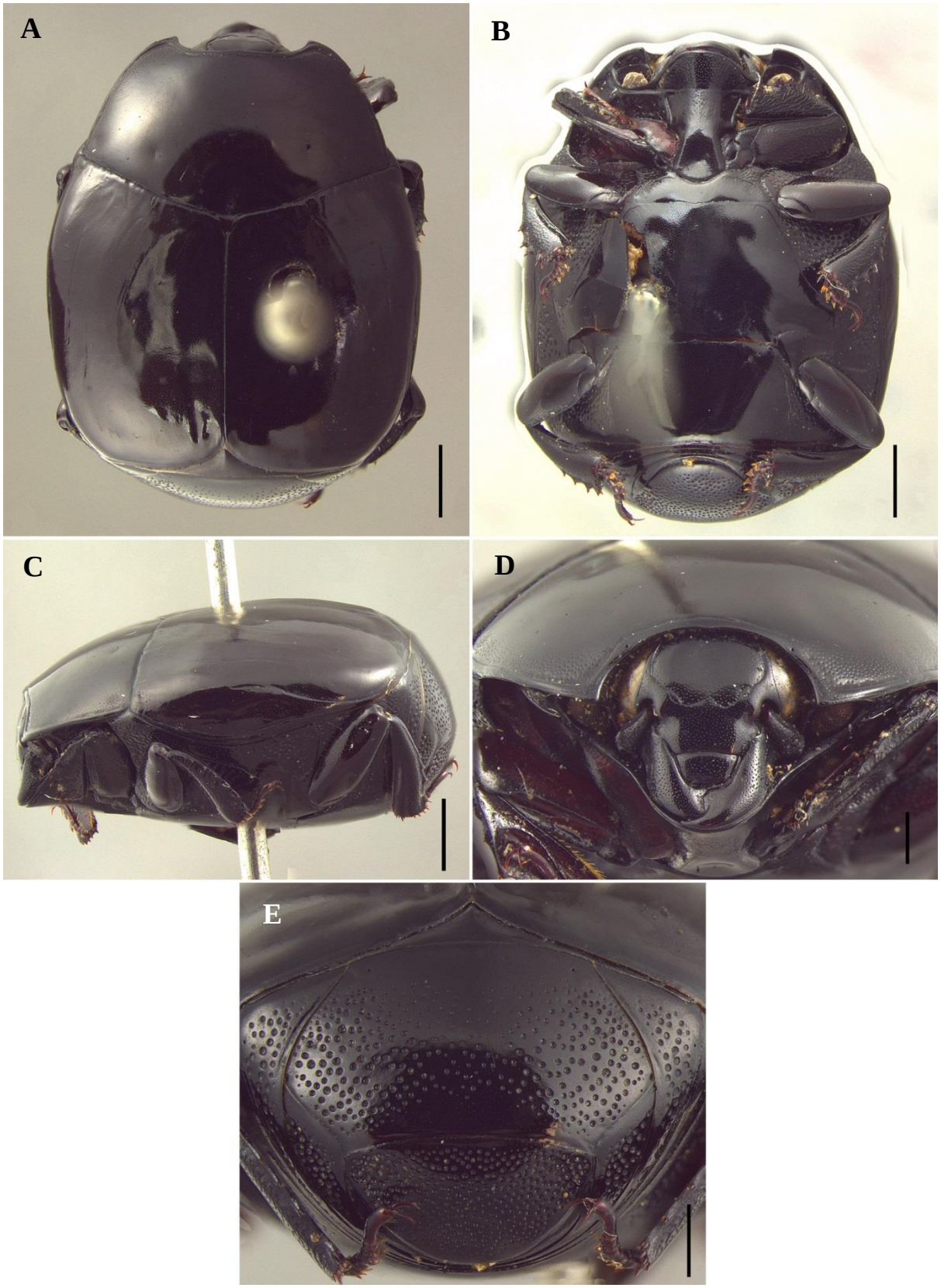

Fig 47. *Omalodes* (*Omalodes*) *serenus* Erichson, 1834. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

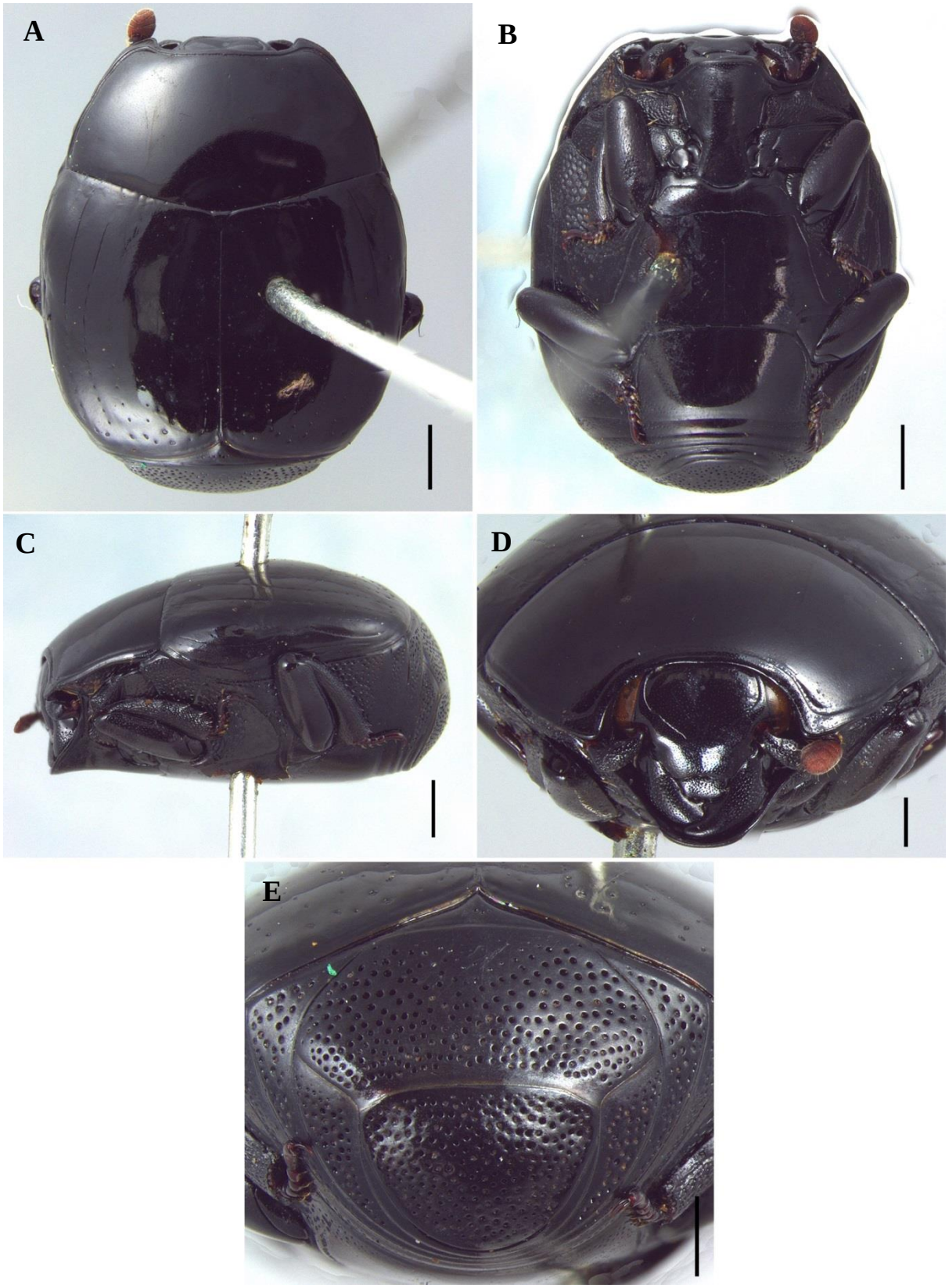

Fig 48. *Omalodes* (*Omalodes*) *seriatus* Schmidt, 1889. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

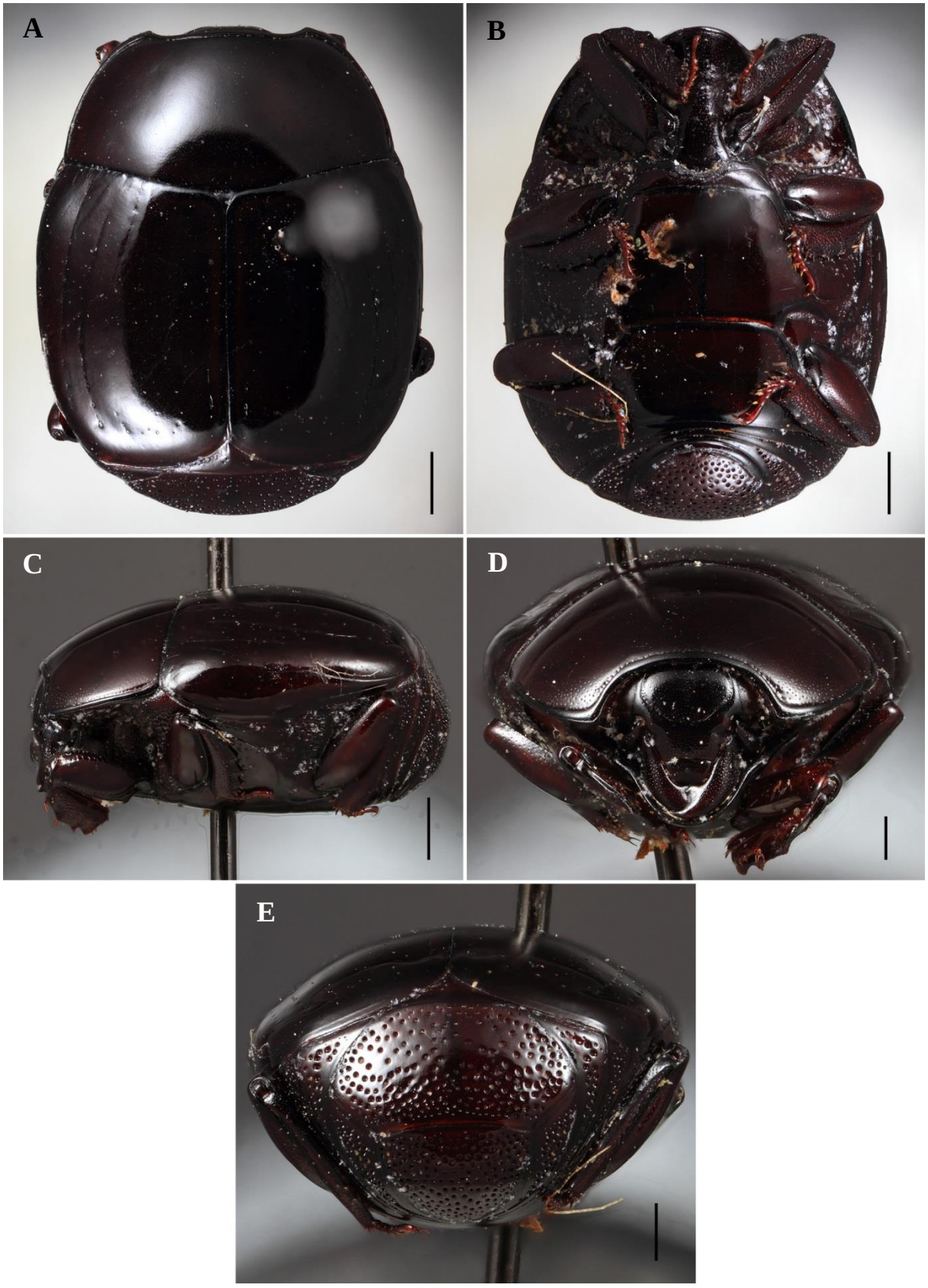

Fig 49. *Omalodes* (*Omalodes*) *simplex* Lewis, 1908. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

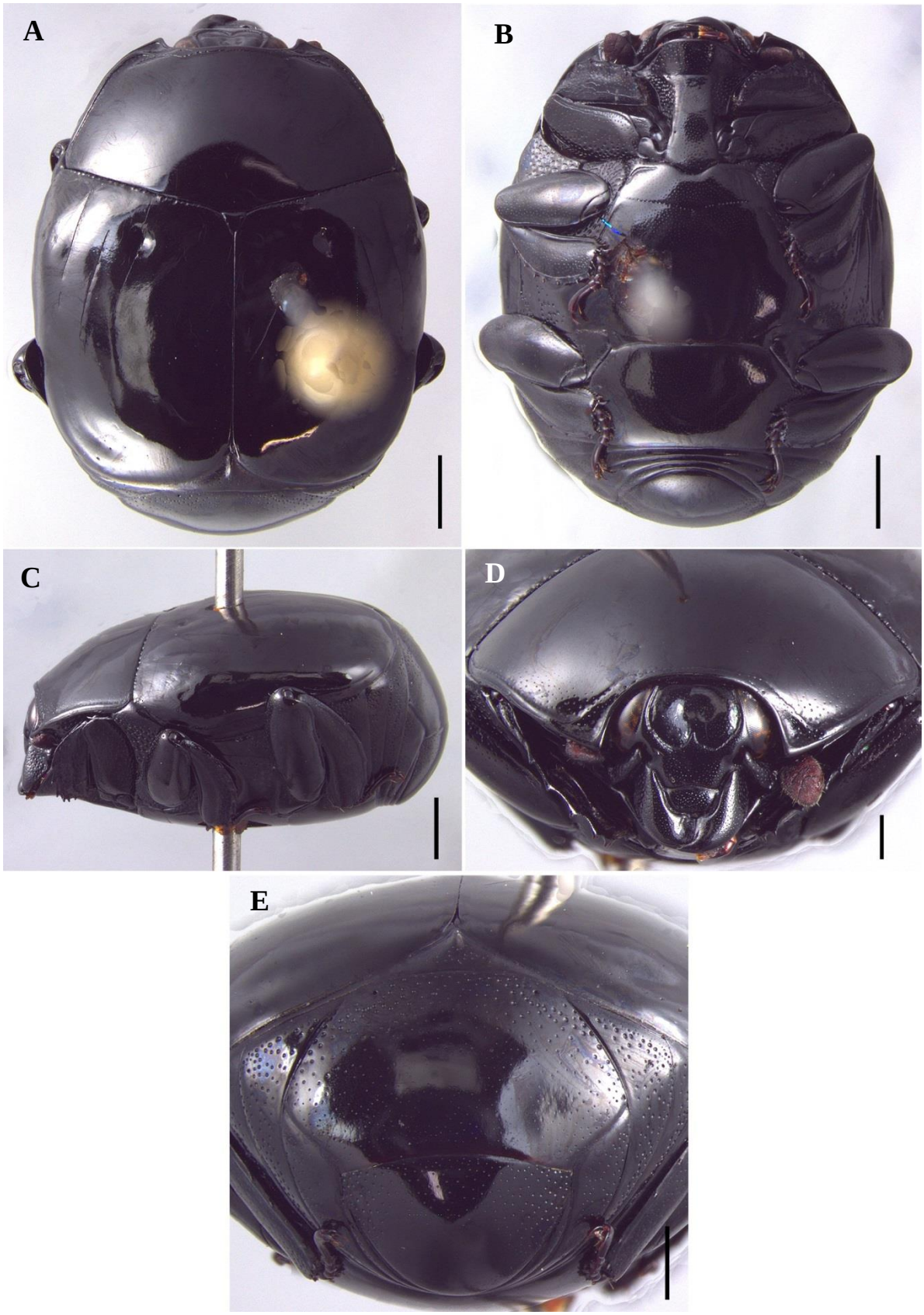

Fig 50. *Omalodes* (*Omalodes*) *sinuaticollis* Marseul, 1853. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

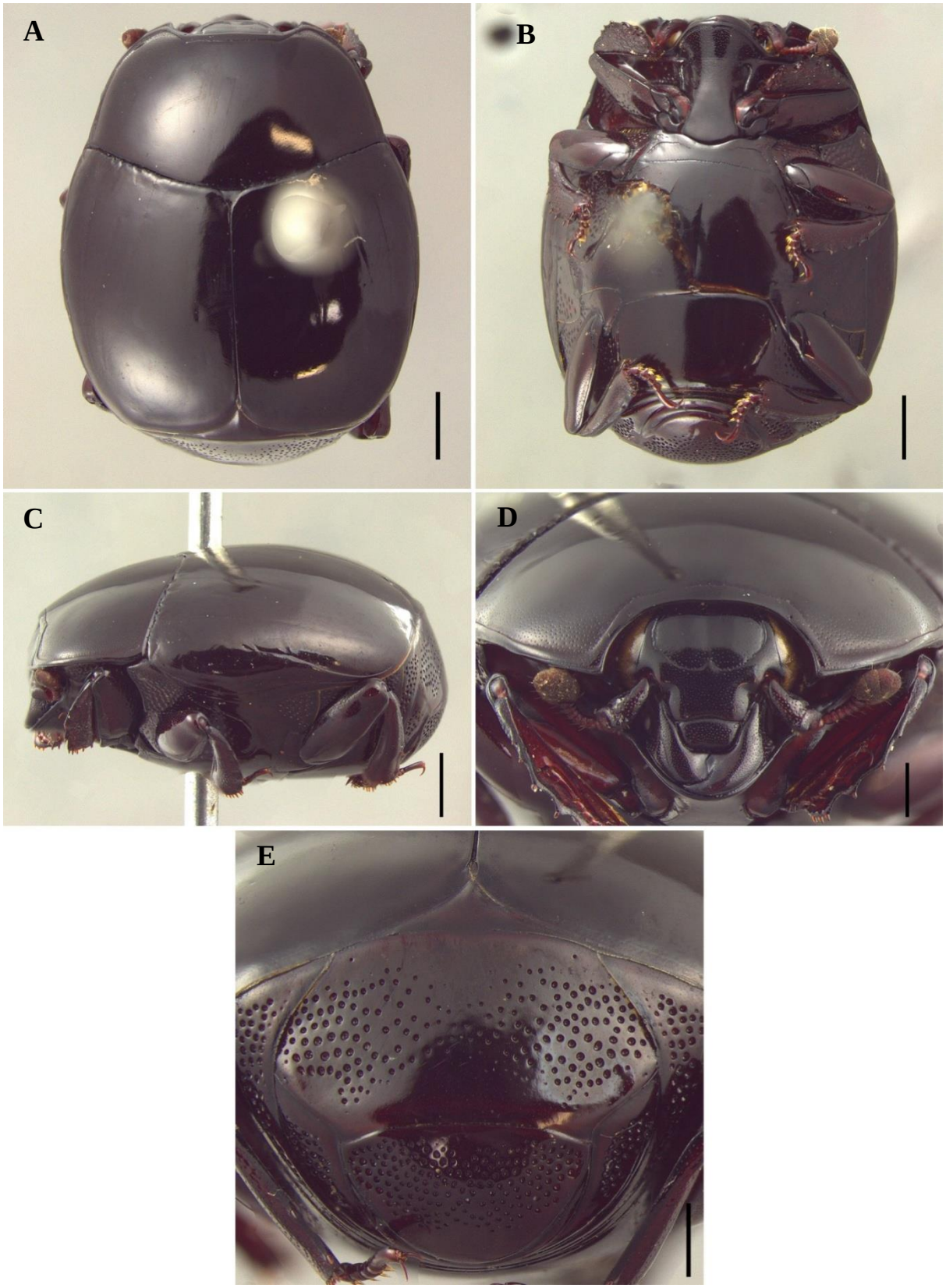

Fig 51. *Omalodes* (*Omalodes*) *sobrinus*Erichson, 1834. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

Fig 52. *Omalodes* (*Omalodes*) *wagneri* Desbordes, 1919. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

Fig 53. *Omalodes* (*Omalodes*) *sp. nov.* A. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

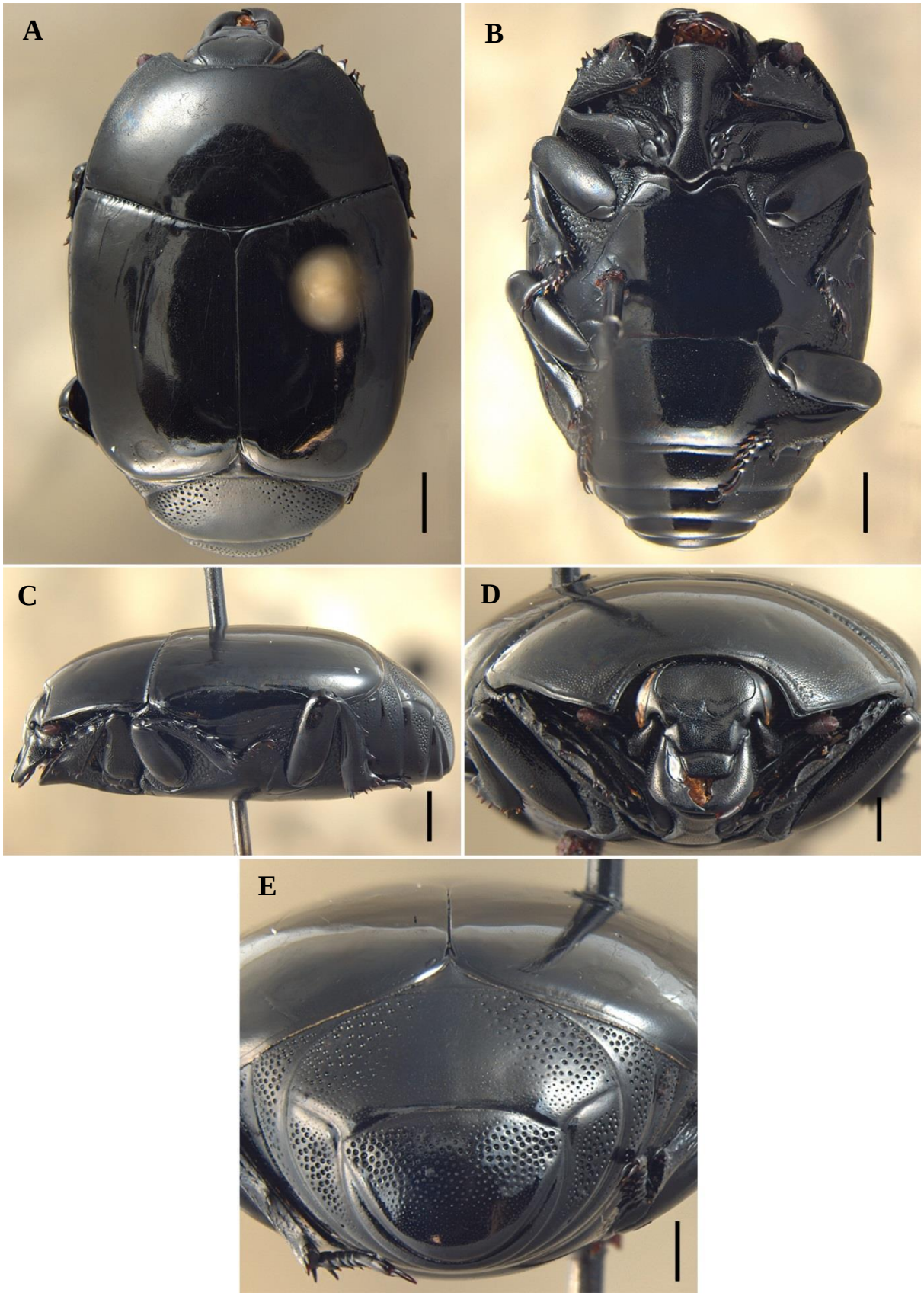

Fig 54. *Omalodes* (*Omalodes*) *sp. nov.* B. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.25 mm).

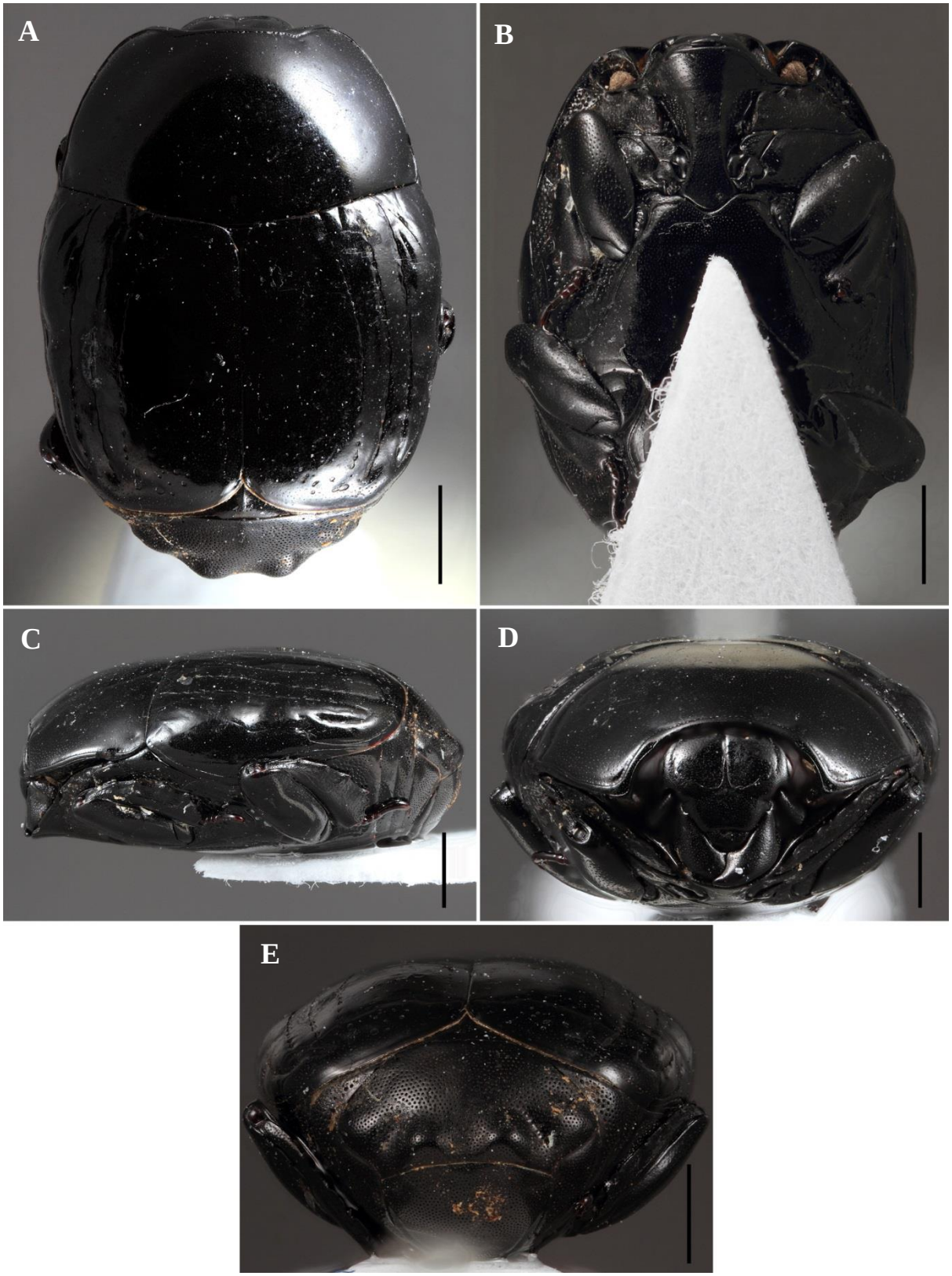

Fig 55. *Omalodes* (*Cornillus*) *binodulus* (Lewis, 1910). **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.5 mm).

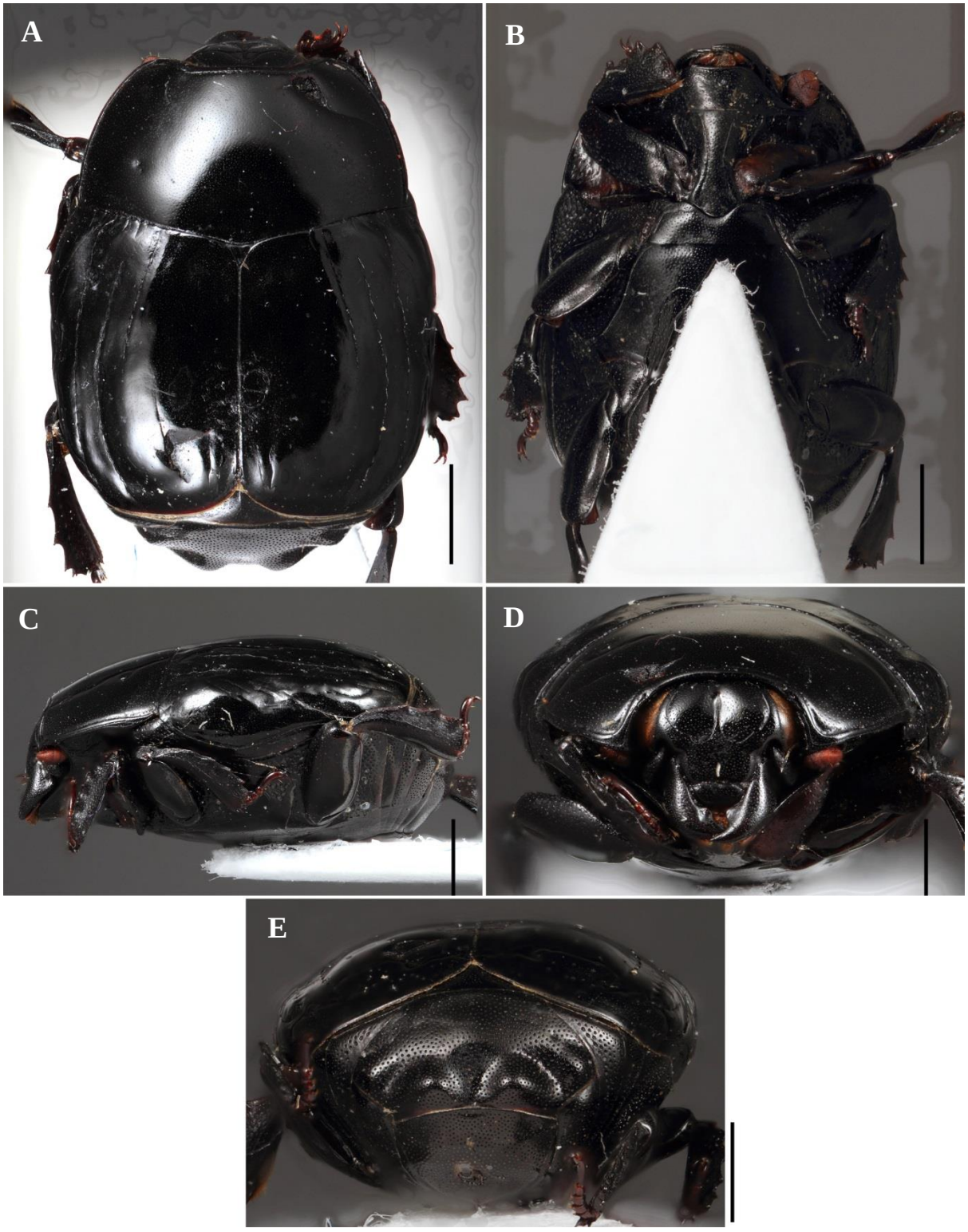

Fig 56. *Omalodes* (*Cornillus*) *bullatus* Lewis, 1905. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.5 mm).

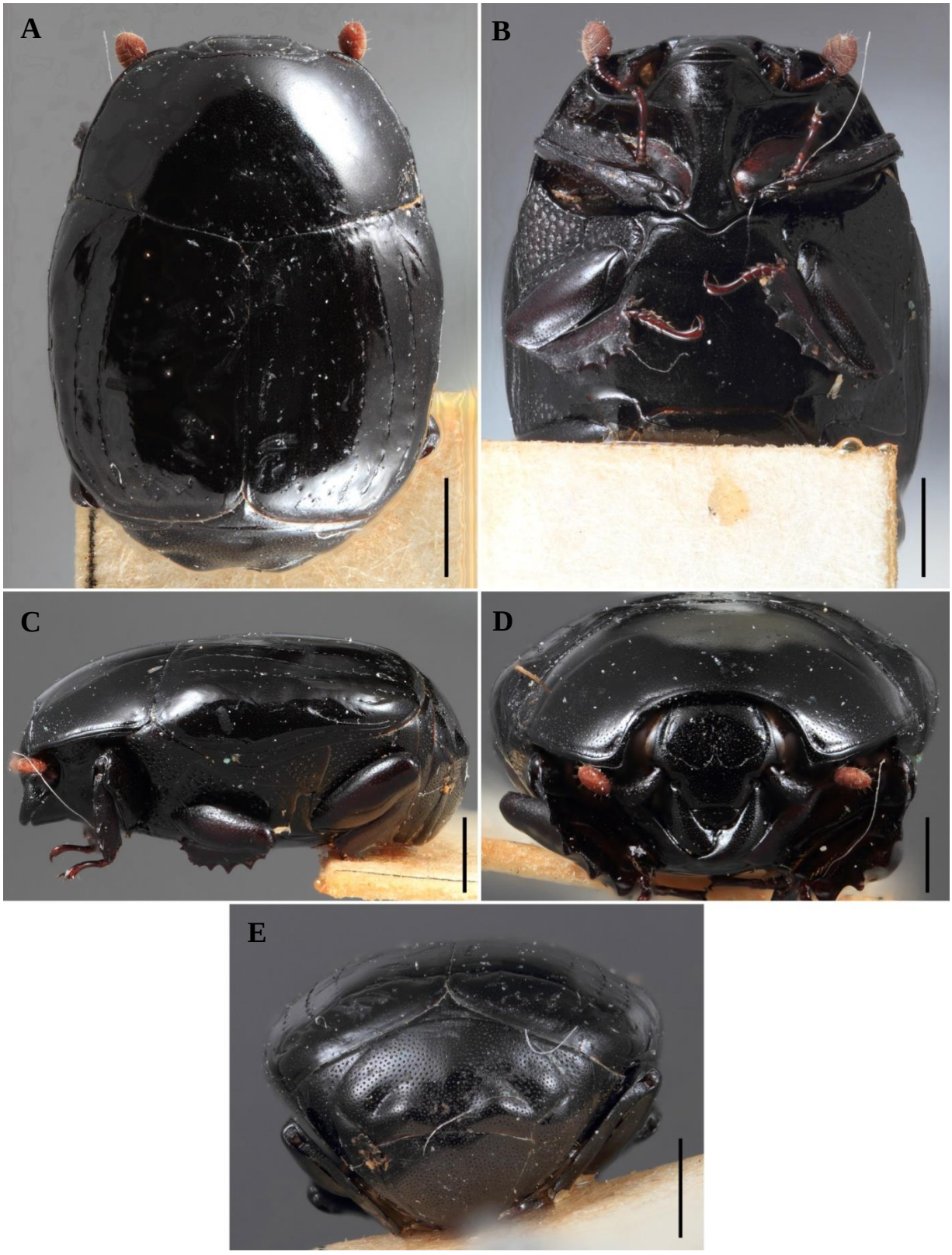

Fig 57. *Omalodes* (*Cornillus*) *tuberculatus* Lewis, 1905. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.5 mm).

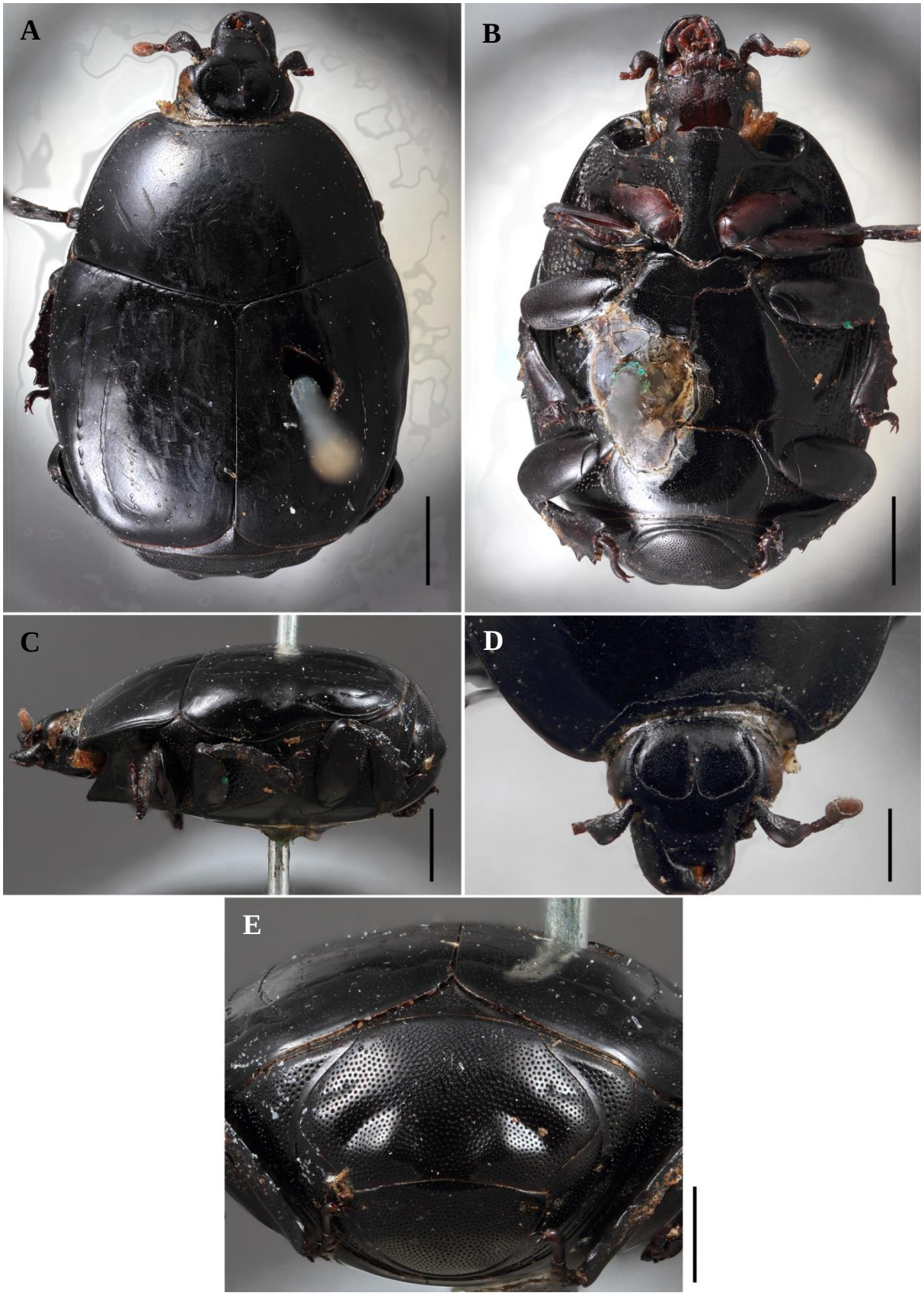

Fig 58. *Omalodes* (*Cornillus*) *tuberosus* Lewis, 1899. **A.** Dorsal view; **B.** Ventral view; **C.** Lateral view; **D.** Frontal view; **E.** Propygidium and pygidium. (Scales: A-C=1 mm; D-E=0.5 mm).

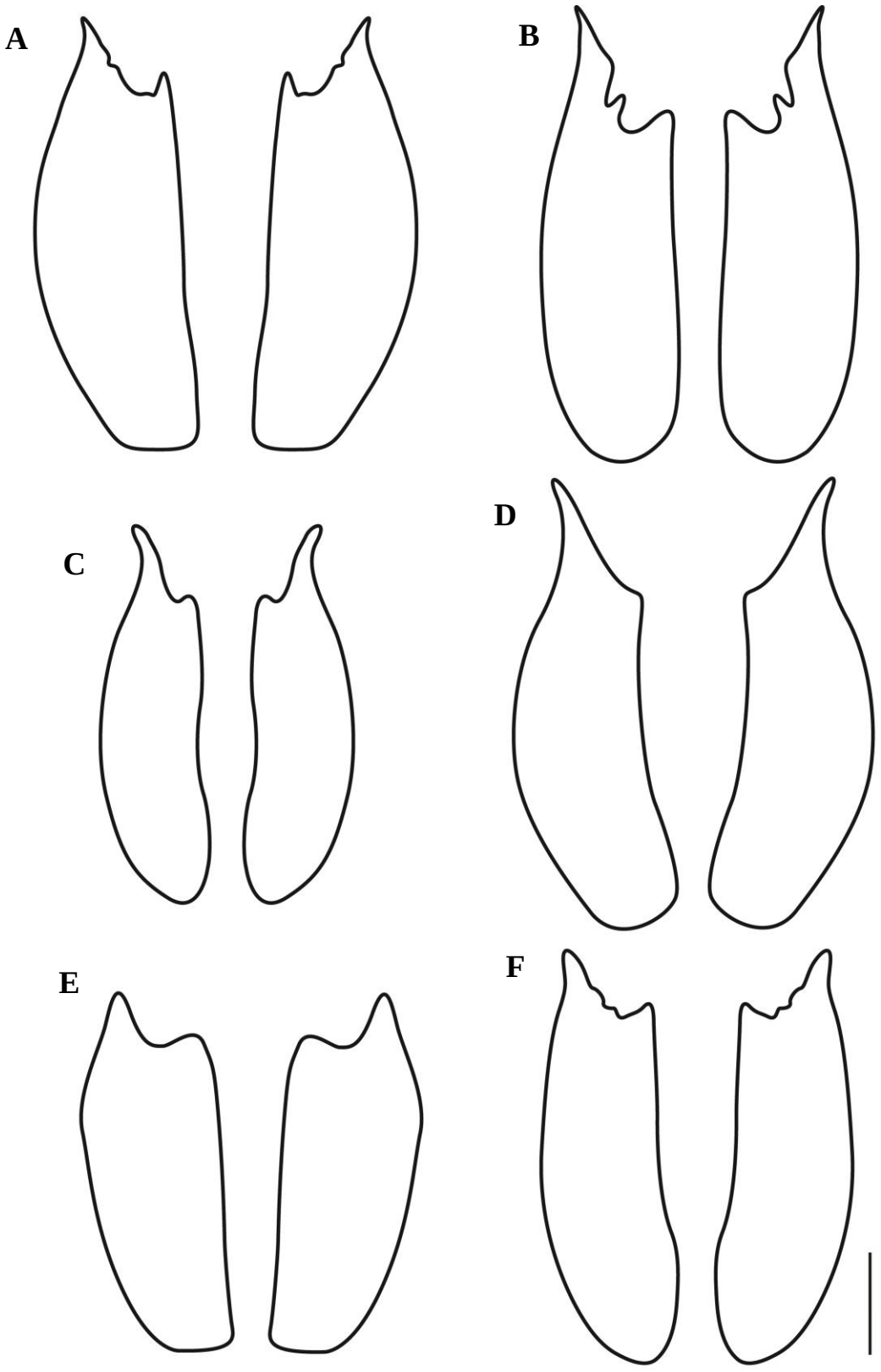

Fig 59. Male genitalia. 8th sternite. **A.***Omalodes* (*O.*) *amazonius* Marseul, 1861; **B.***Omalodes* (*O.*) *angulatus* (Fabricius, 1801); **C.***Omalodes* (*O.*) *anthracinus* Marseul, 1853; **D.***Omalodes* (*O.*) *bifoveolatus* Marseul, 1853; **E.***Omalodes* (*O.*) *clavulus* Lewis, 1888; **F.***Omalodes* (*O.*) *depressisternus* Marseul, 1853. (Scale: 0.25 mm).

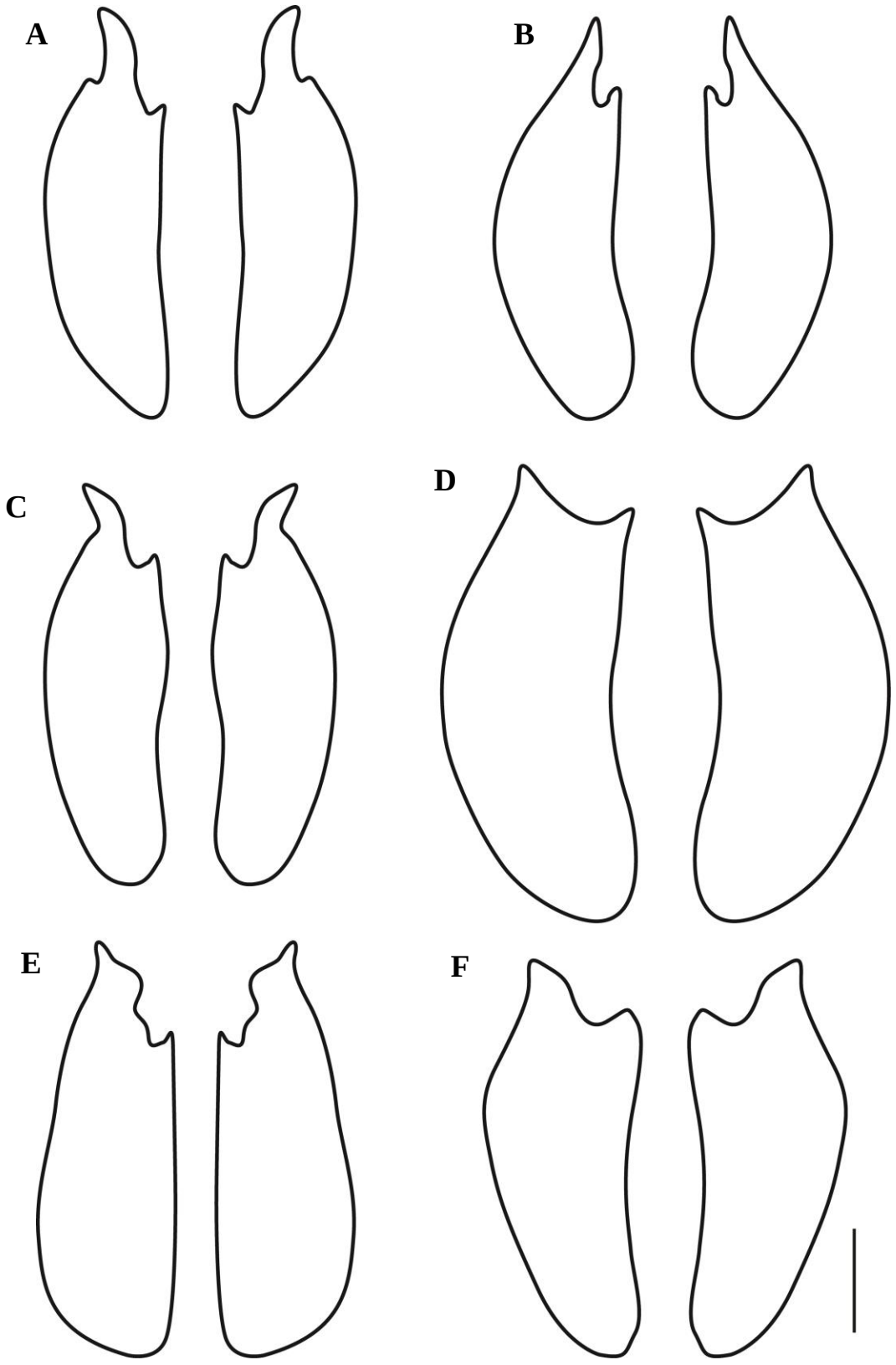

Fig 60. Male genitalia. 8th sternite. **A.***Omalodes* (*O.*) *faustus*Erichson, 1834; **B.***Omalodes* (*O.*) *foveola*Erichson, 1834; **C.***Omalodes* (*O.*) *gagatinus*Erichson, 1847; **D.***Omalodes* (*O.*) *grossus* Marseul, 1853; **E.***Omalodes* (*O.*) *laevicollis* Bickhardt, 1911; **F.***Omalodes* (*O.*) *lucidus* Erichson, 1834. (Scale: 0.25 mm).

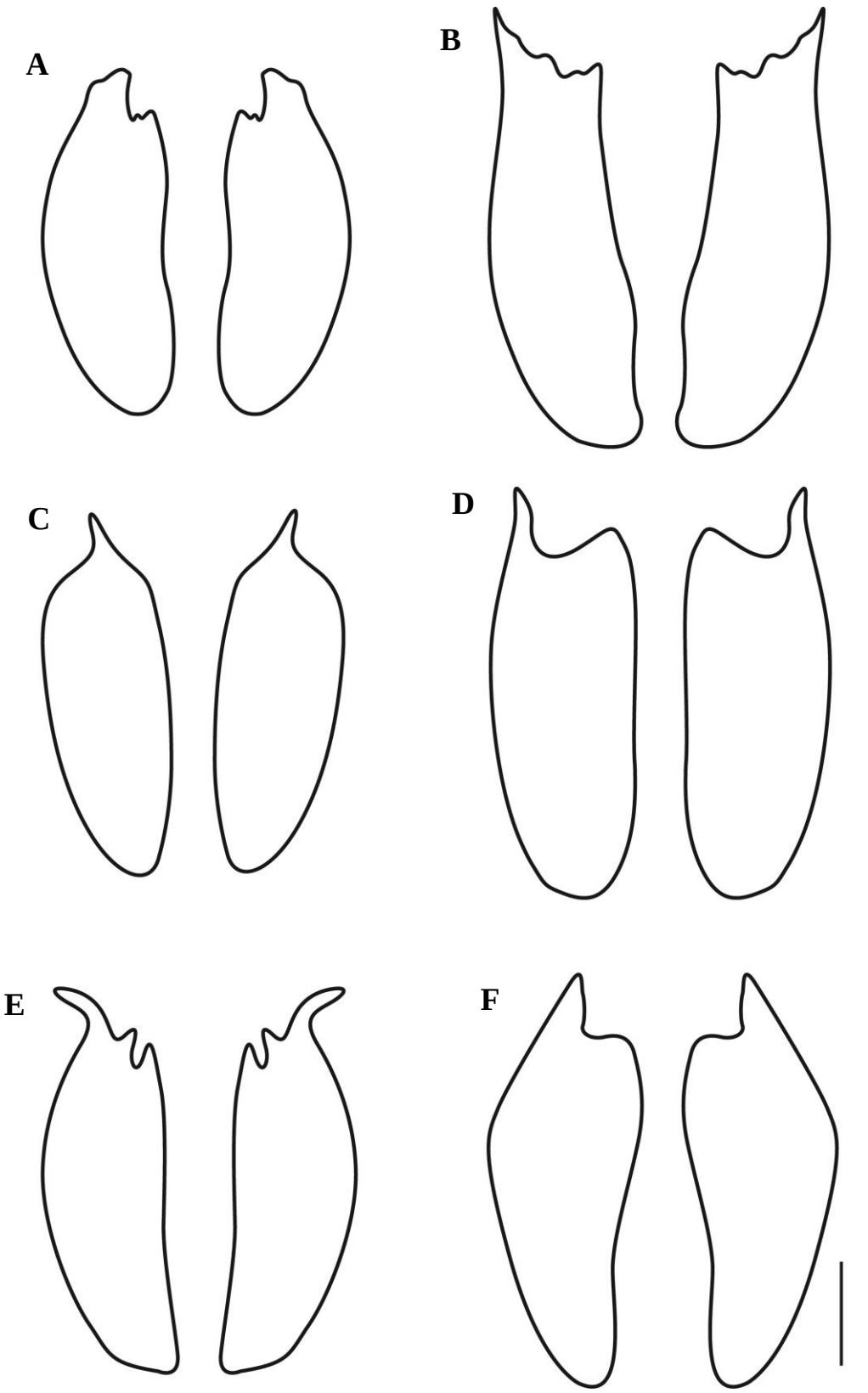

Fig 61. Male genitalia. 8th sternite. **A.***Omalodes* (*O.*) *mendax* Marseul, 1861; **B.***Omalodes* (*O.*) *omega* (Kirby, 1818); **C.***Omalodes* (*O.*) *pulvinatus*Erichson, 1834; **D.***Omalodes* (*O.*) *punctistrius* Marseul, 1853; **E.***Omalodes* (*O.*) *seriatus* Schmidt, 1889; **F.***Omalodes* (*O.*) *sinuaticollis* Marseul, 1853. (Scale: 0.25 mm).

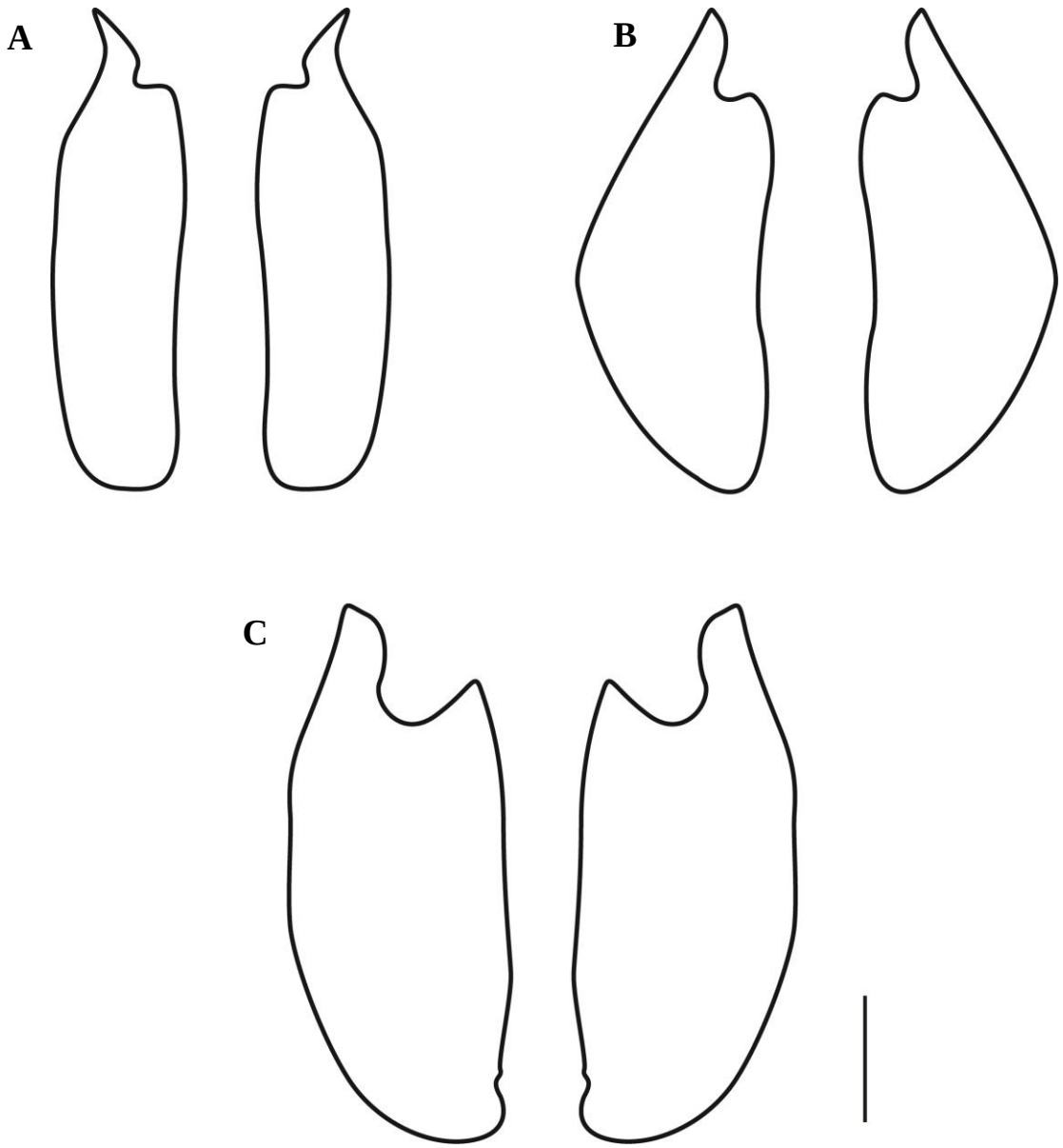

Fig 62. Male genitalia. 8th sternite. **A.***Omalodes* (*O.*) *sobrinus*Erichson, 1834; **B.***Omalodes* (*O.*) *sp. nov.* A.; **C.***Omalodes* (*O.*) *sp. nov.* B.(Scale: 0.25 mm).

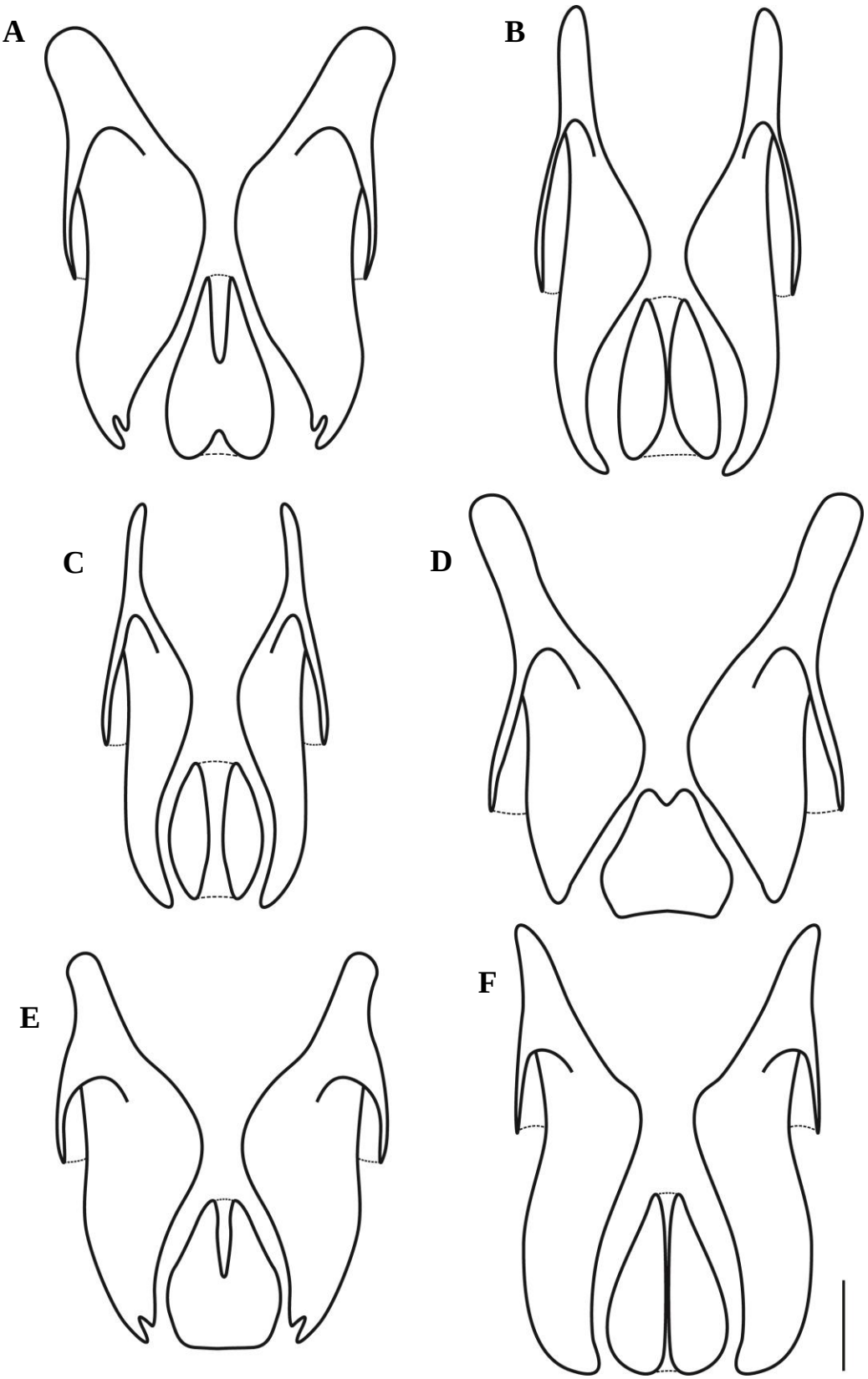

Fig 63. Male genitalia. 9th and 10th tergite. **A.***Omalodes* (*O.*) *amazonius* Marseul, 1861; **B.***Omalodes* (*O.*) *angulatus* (Fabricius, 1801); **C.***Omalodes* (*O.*) *anthracinus* Marseul, 1853; **D.***Omalodes* (*O.*) *bifoveolatus* Marseul, 1853; **E.***Omalodes* (*O.*) *clavulus* Lewis, 1888; **F.***Omalodes* (*O.*) *depressisternus* Marseul, 1853. (Scale: 0.25 mm).

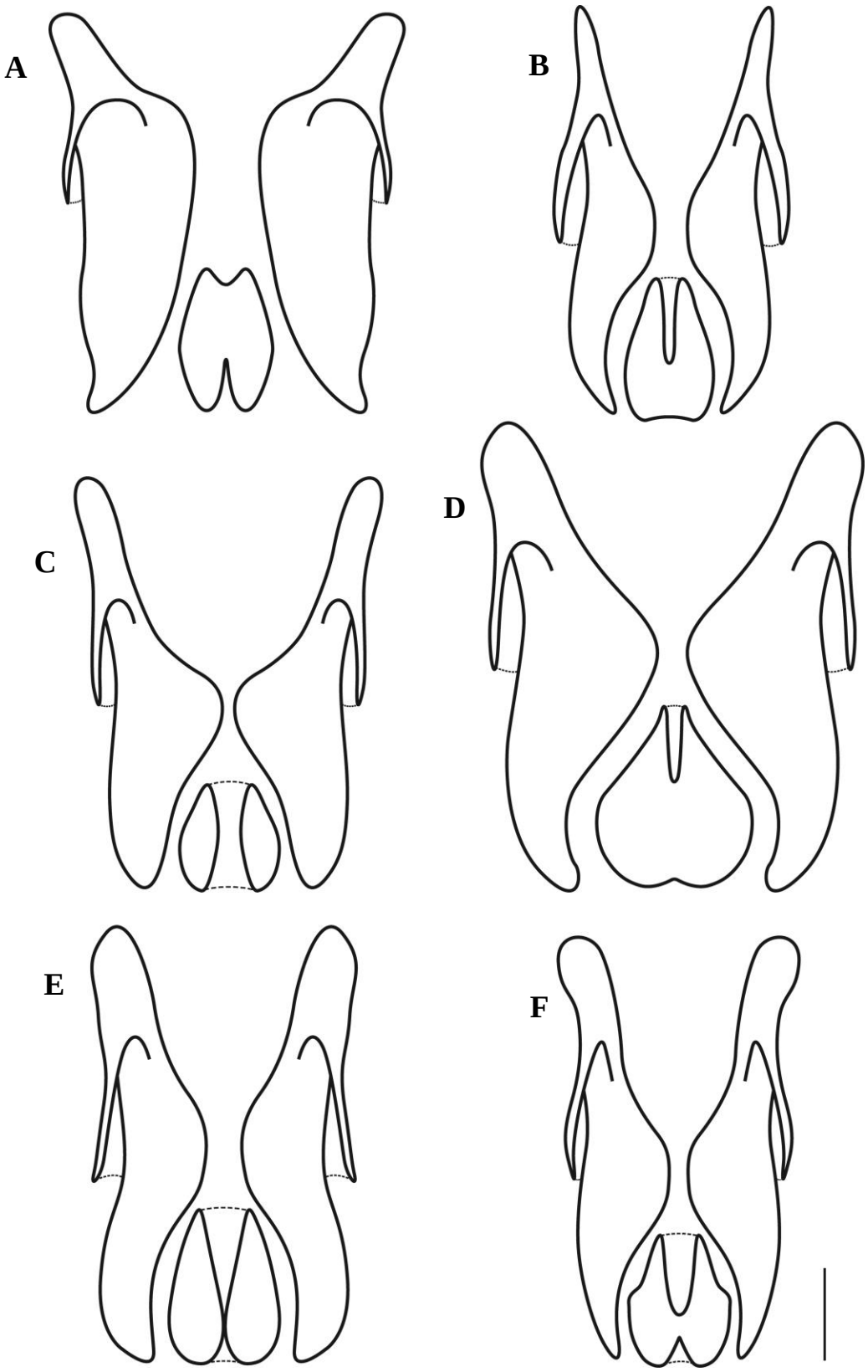

Fig 64. Male genitalia. 9th and 10th tergite. **A.***Omalodes* (*O.*) *faustus*Erichson, 1834; **B.***Omalodes* (*O.*) *foveola*Erichson, 1834; **C.***Omalodes* (*O.*) *gagatinus*Erichson, 1847; **D.***Omalodes* (*O.*) *grossus* Marseul, 1853; **E.***Omalodes* (*O.*) *laevicollis* Bickhardt, 1911; **F.***Omalodes* (*O.*) *lucidus* Erichson, 1834. (Scale: 0.25 mm).

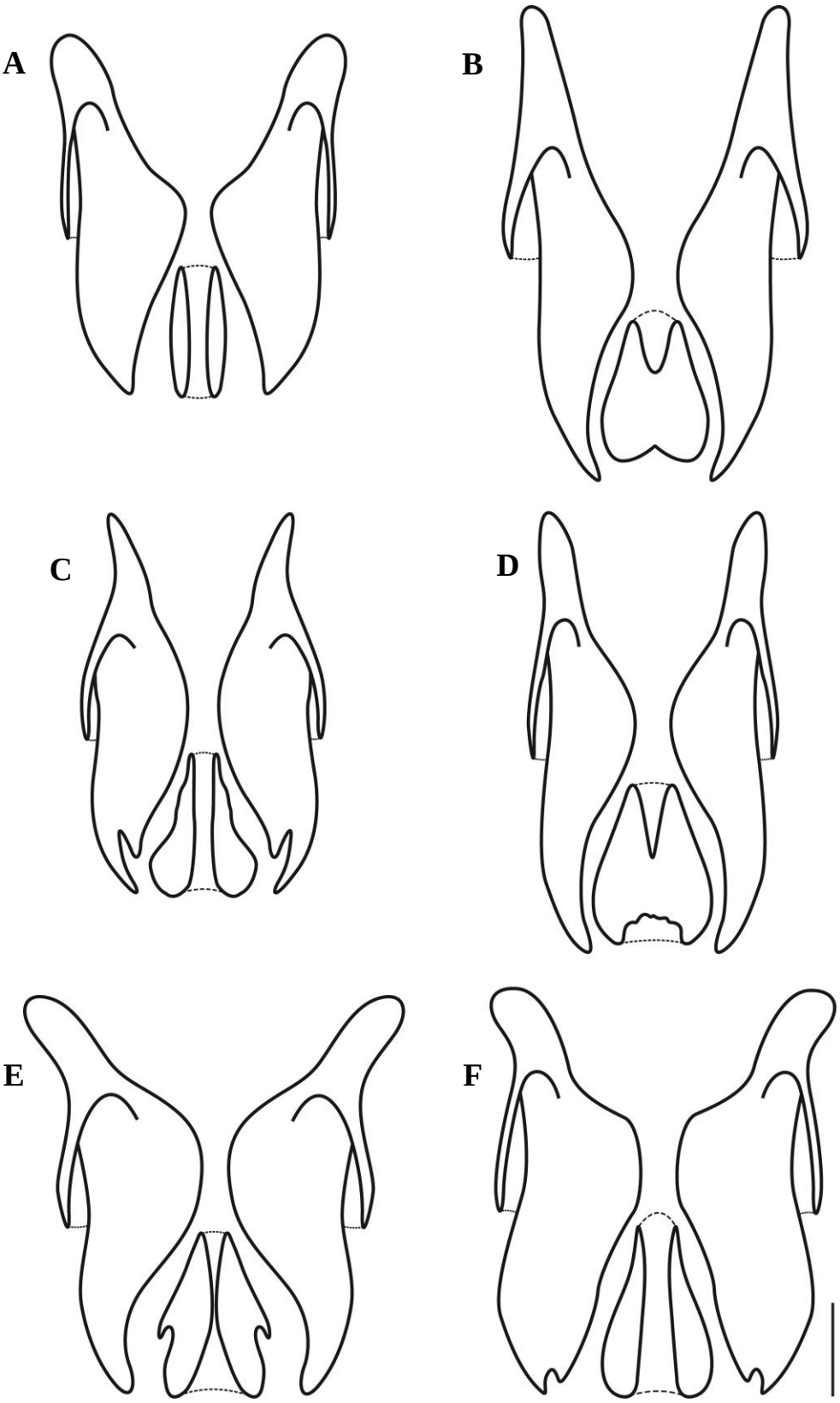

Fig 65. Male genitalia. 9th and 10th tergite. **A.***Omalodes* (*O.*) *mendax* Marseul, 1861; **B.***Omalodes* (*O.*) *omega* (Kirby, 1818); **C.***Omalodes* (*O.*) *pulvinatus*Erichson, 1834; **D.***Omalodes* (*O.*) *punctistrius* Marseul, 1853; **E.***Omalodes* (*O.*) *seriatus* Schmidt, 1889; **F.***Omalodes* (*O.*) *sinuaticollis* Marseul, 1853. (Scale: 0.25 mm).

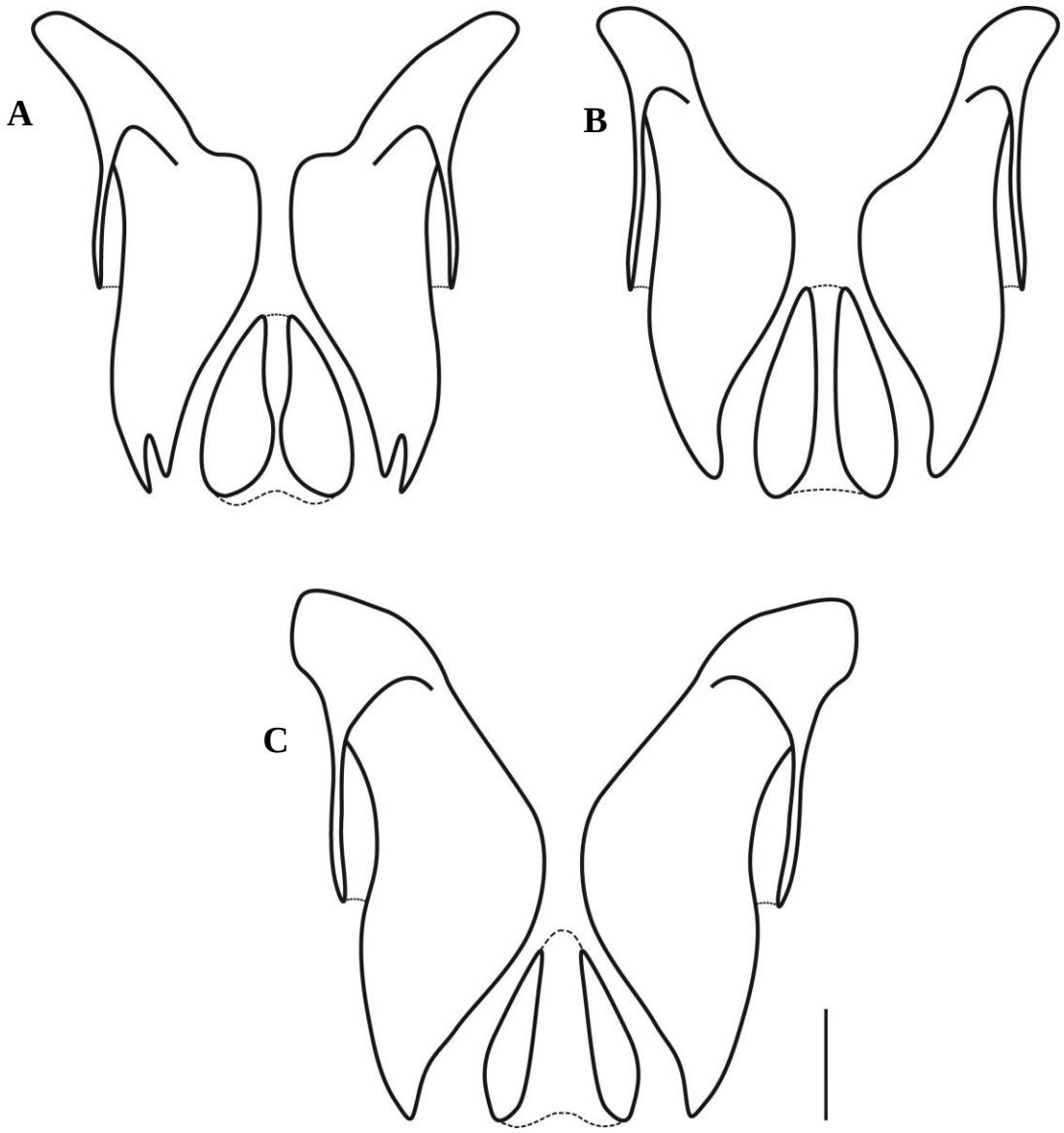

Fig 66. Male genitalia. 9th and 10th tergite. **A.***Omalodes* (*O.*) *sobrinus*Erichson, 1834; **B.***Omalodes* (*O.*) *sp. nov.* A.; **C.***Omalodes* (*O.*) *sp. nov.* B.(Scale: 0.25 mm).

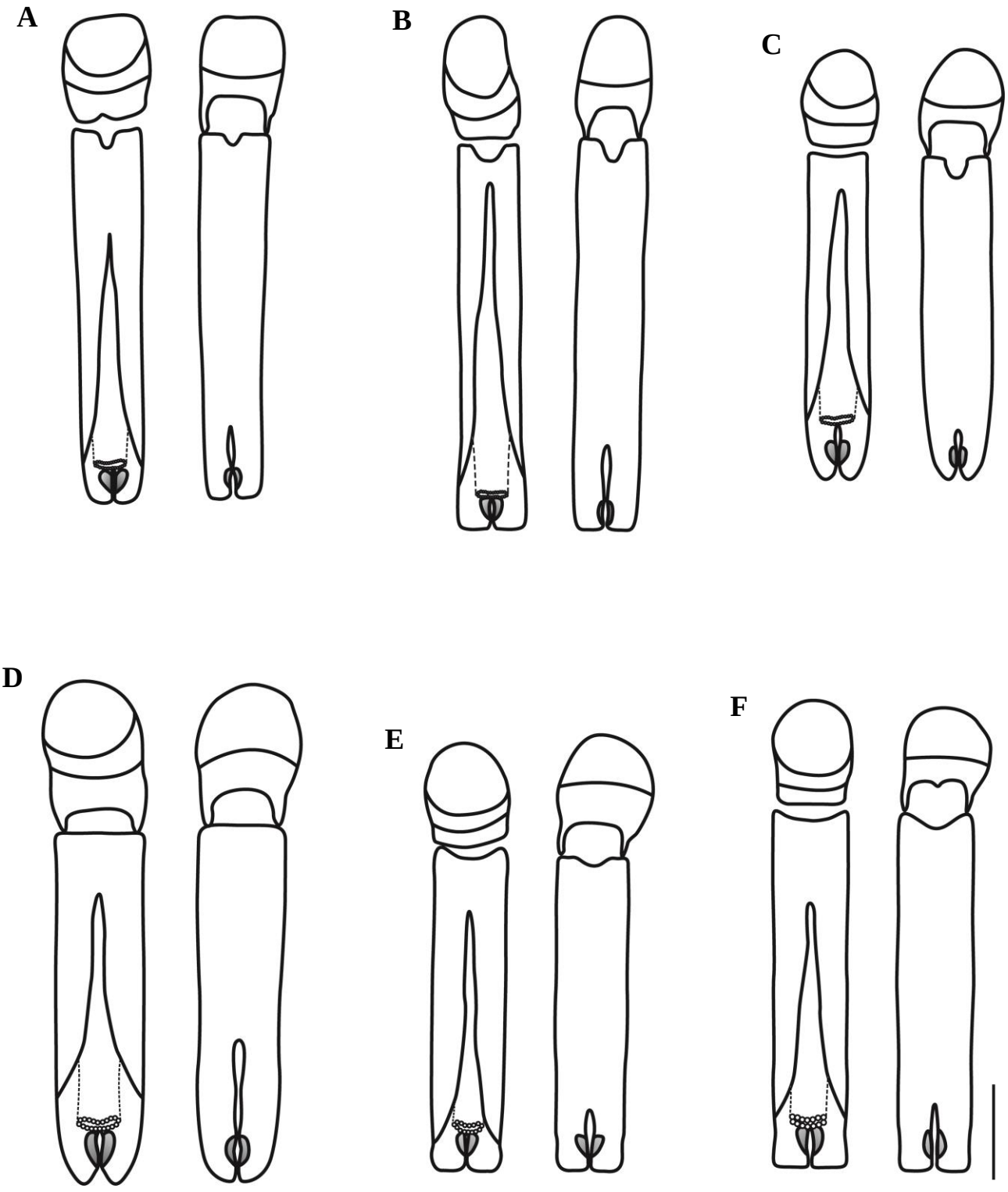

Fig 67. Male genitalia. Edeagus, ventral and dorsal view. **A.***Omalodes* (*O.*) *amazonius* Marseul, 1861; **B.***Omalodes* (*O.*) *angulatus* (Fabricius, 1801); **C.***Omalodes* (*O.*) *anthracinus* Marseul, 1853; **D.***Omalodes* (*O.*) *bifoveolatus* Marseul, 1853; **E.***Omalodes* (*O.*) *clavulus* Lewis, 1888; **F.***Omalodes* (*O.*) *depressisternus* Marseul, 1853. (Scale: 0.25 mm).

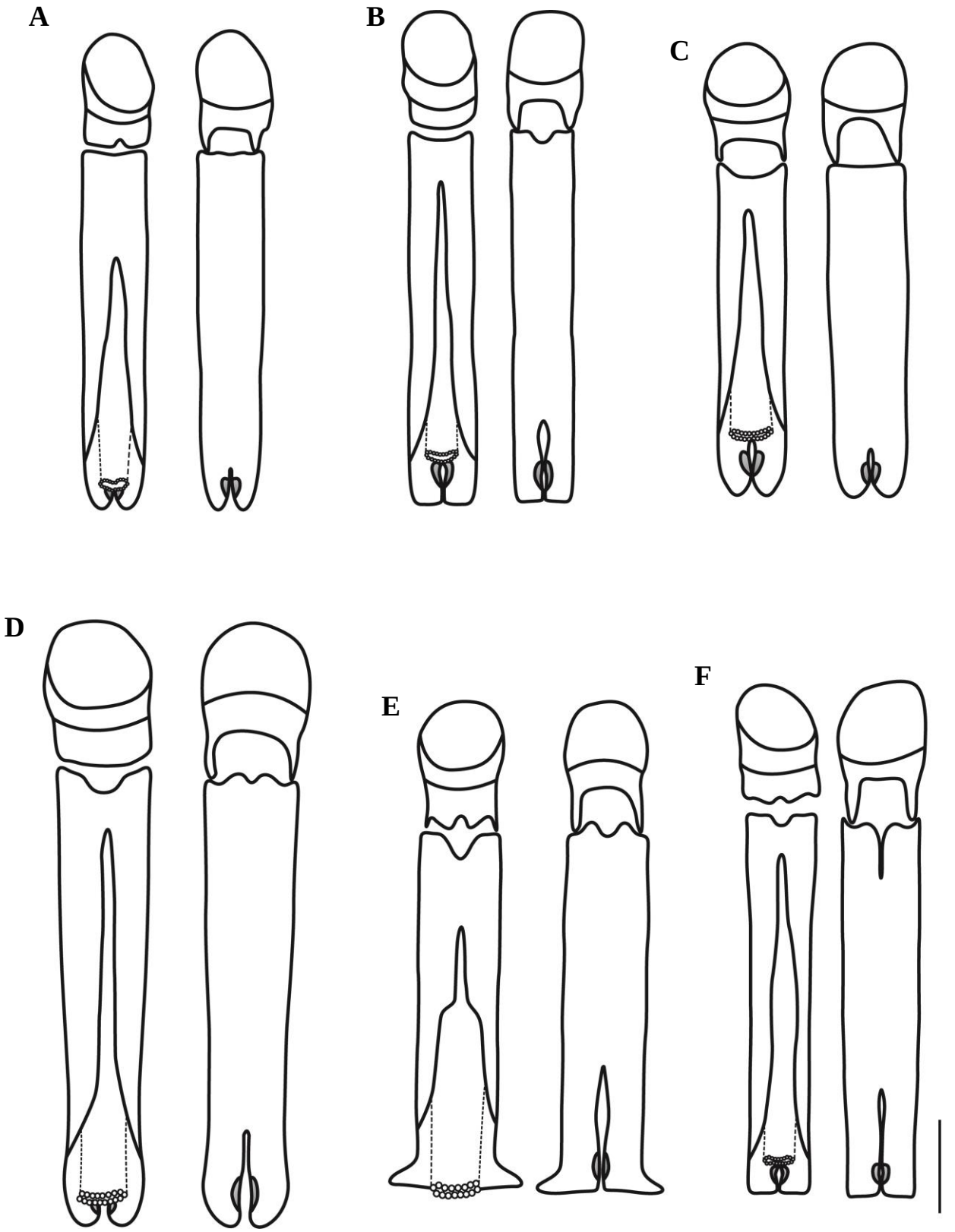

Fig 68. Male genitalia. Edeagus, ventral and dorsal view. **A.***Omalodes* (*O.*) *faustus*Erichson, 1834; **B.***Omalodes* (*O.*) *foveola*Erichson, 1834; **C.***Omalodes* (*O.*) *gagatinus*Erichson, 1847; **D.***Omalodes* (*O.*) *grossus* Marseul, 1853; **E.***Omalodes* (*O.*) *laevicollis* Bickhardt, 1911; **F.***Omalodes* (*O.*) *lucidus* Erichson, 1834. (Scale: 0.25 mm).

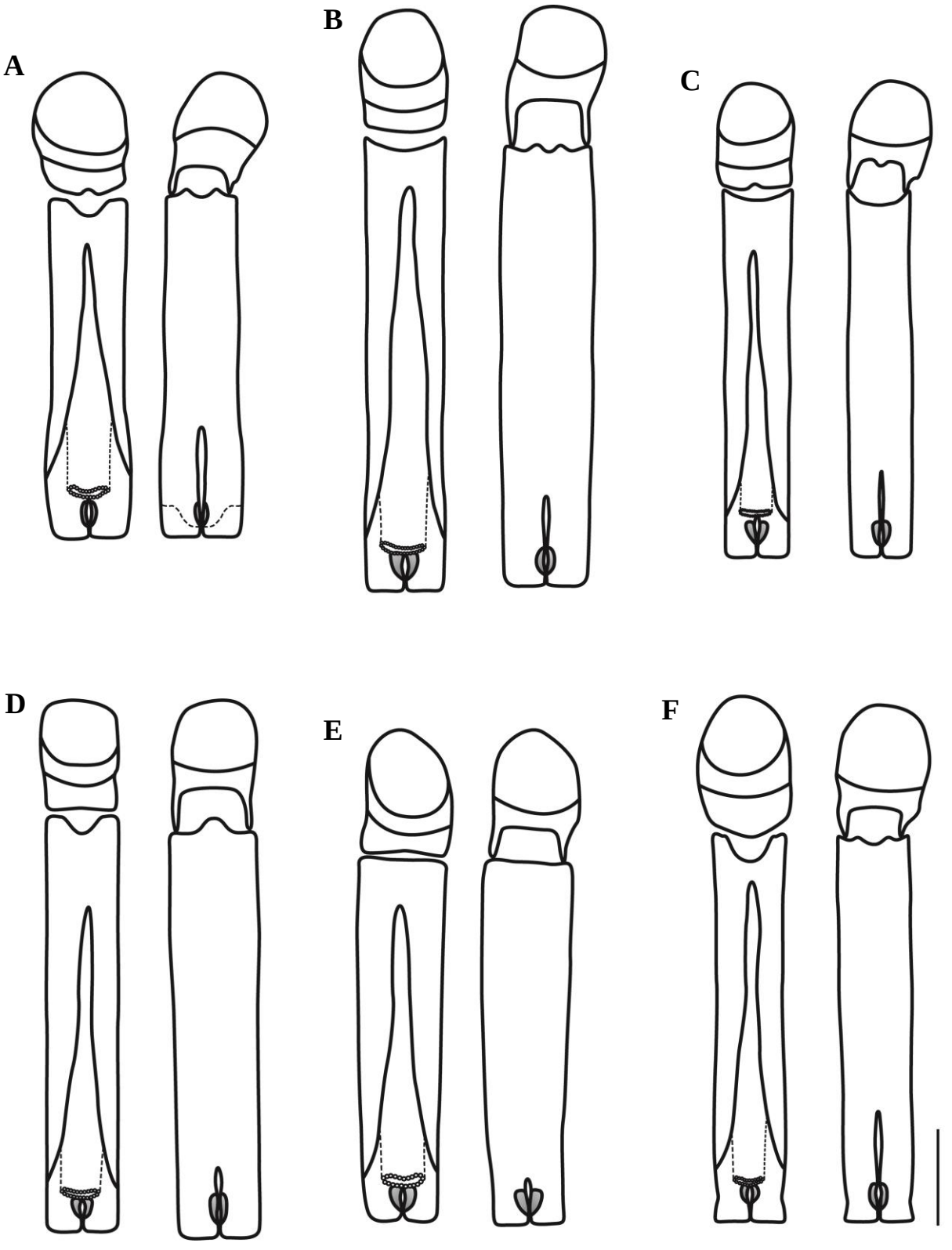

Fig 69. Male genitalia. Edeagus, ventral and dorsal view. **A.***Omalodes* (*O.*) *mendax* Marseul, 1861; **B.***Omalodes* (*O.*) *omega* (Kirby, 1818); **C.***Omalodes* (*O.*) *pulvinatus*Erichson, 1834; **D.***Omalodes* (*O.*) *punctistrius* Marseul, 1853; **E.***Omalodes* (*O.*) *seriatus* Schmidt, 1889; **F.***Omalodes* (*O.*) *sinuaticollis* Marseul, 1853. (Scale: 0.25 mm).

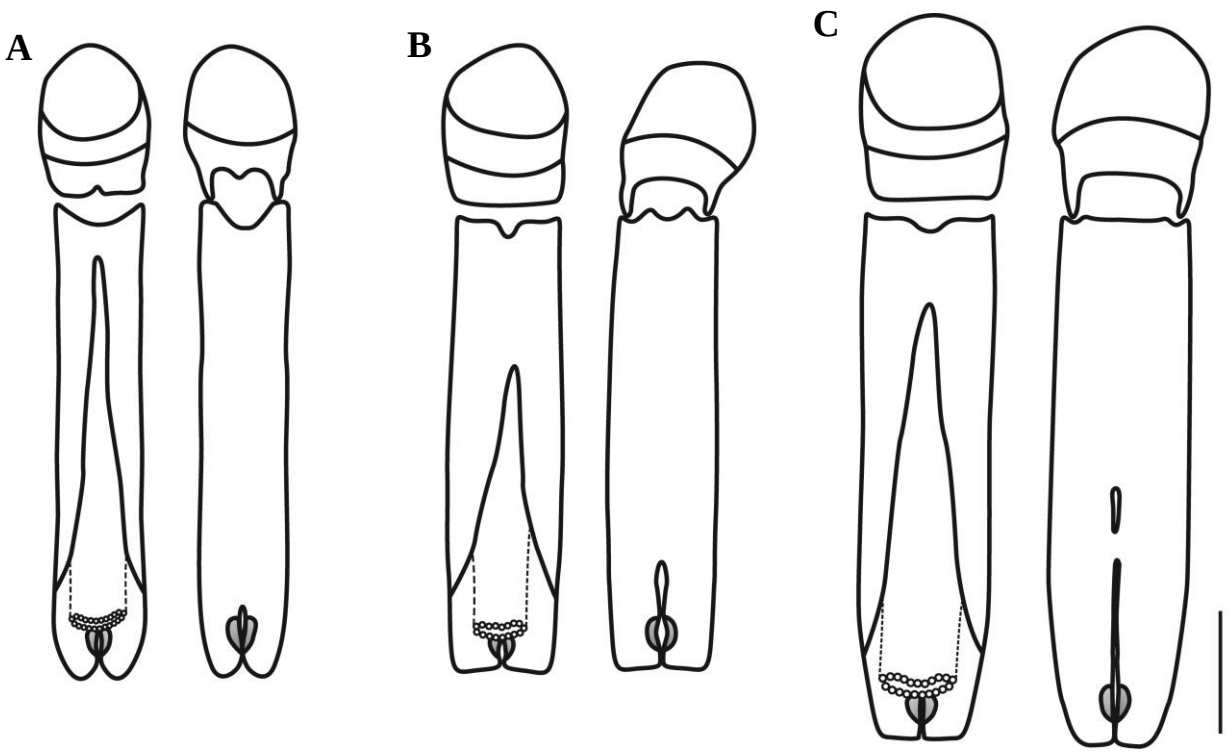

Fig 70. Male genitalia. Edeagus, ventral and dorsal view. **A.***Omalodes* (*O.*) *sobrinus*Erichson, 1834; **B.***Omalodes* (*O.*) *sp. nov.* A.; **C.***Omalodes* (*O.*) *sp. nov.* B.(Scale: 0.25 mm).

APPENDIX I

Examined material

***Omalodes* (*Omalodes*) *amazonius* Marseul, 1861**

COSTA RICA:

"COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26'N; 84°01'W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046743" 1 specimen (LSAM);"COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26'N; 84°01'W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046744" 1 specimen (LSAM);"COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26'N; 84°01'W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046745" 1 specimen (LSAM);"COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26'N; 84°01'W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046746" 1 specimen (LSAM);"COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26'N; 84°01'W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046747" 1 specimen (LSAM);"COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26'N; 84°01'W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046748" 1 specimen (LSAM);"COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26'N; 84°01'W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046749" 1 specimen (LSAM);"COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26'N; 84°01'W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046750" 1 specimen (LSAM);"COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26'N; 84°01'W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046751" 1 specimen (LSAM);"COSTA RICA: Heredia; Est. Biol. LaSelva; 10°26'N 84°01'W; Rotten Bananas; 6 July 2001. A. Cline / LSAM; 0046762" 1 specimen (LSAM).

PANAMA:

"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight Intercept; FIT-B2-2. 3-4.x.2003; A. Tishechkin – IBISCA'03 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal B; Dist. 10 m Tr. Intercepción; A. Mercado 17-31.X.2007 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal C; Dist. 0 m Tr. Intercepción; A. Mercado 18-31.X.2007 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. -50 m Tr.Intercepción; A. Mercado 11-26.I.2008 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°11' W 79°58' Cafetal C; Dist. -50 m Tr. Intercepción; A. Mercado 11-26.I.2008 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. 0 m Tr. Intercepción; A. Mercado 11-26.I.2008 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Cafetal B; Dist. 50 m Tr. Intercepción; A. Mercado 12-27.I.2008 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. 100 m Tr. Intercepción; A. Mercado 16.III-1.VI.2008 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM).

PERU:

"PERU: Loreto Prov.; Iquitos, 90m, 7 May; 1992, J. Danoff-Berg; ex: flight intercept trap" 1 specimen (SMEK); "PERU: Loreto Prov.; nr. jct. Rio Maranon; & Rio Ucayali, 6-20; VII.1994, P. Skelley; W 73.5°, S 4.8°, FIT" 1 specimen (PCKC).

BRAZIL:

"Pará. Óbidos. (Baixo Amazonas). VII/1960, Dirings col." 1 specimen (MZSP);"III/1960, Dirings col." 1 specimen (MZSP);"Amazonas. Manaus. XI/1927, H. C. Bry col." 1 specimen(INPA);"VII/1941, A. Parko col." 3 specimens (INPA);"VIII/1941, A. Parko col." 1 specimen (INPA);"XII/1941, A. Parko col." 6 specimens (INPA);"2/XI/1955, Elias & Roppa col." 1 specimen (INPA);"24/X/1957, Elias & Roppa col." 1 specimen (INPA);"VII/1959, C. Elias col." 3 specimens (DZUP);"2/X/1968, [without collector]" 1 specimen (INPA);"Manaus. (60 Km N Manaus), (Fazenda Esteio), (ZF-3, Km-23). 1/II/1981, B. C. Klein col." 1 specimen (INPA);"20/VII/1984, B. C. Klein col." 1 specimen (INPA);"20/X/1984, B. C. Klein col." 1 specimen (INPA);"1/II/1985, B. C. Kleincol."1 specimen (INPA);"Manaus. (Estrada Manaus – Caracaral), (Km-31). 31/IV/1976, Eduardo col." 1 specimen (INPA);"Manaus. (Est. Aml. Km-64). 24/VIII/1970, A. Faustino col." 1

specimen (INPA);“Manaus. (Est. Aml. Km-54). 24/VIII/1970, A. Faustino col.” 1 specimen (INPA);“Manaus. (Santo Antônio). 7/III/1962, F. Antonio col.” 1 specimen (INPA); “Manaus. (Rio Negro). 2/IX/1969, A. Faustino col.” 1 specimen (INPA); “Manaus. (Reserva Ducke). 1/XII/1977, B. C. Ratcliffe col.” 1 specimen (INPA); “Manaus. (Reserva Ducke) (BR-010, Km-26). 2/VII/1978, B. C. Ratcliffe col.” 1 specimen (INPA); “Manaus. (1Km W Taruma Falls), (100m). 11/I/1981, G. Ekis col.” 2 specimens (MPEG); “Lábrea. (Ramal Apaeral, Km-09), (Sítio São Raimundo), (07°19’10” S – 64°40’07” W). VI/2006, F. F. Xavier col.” 3 specimens (INPA); “Manicore. IX/1945, A. Parko col.” 4 specimens (INPA); “Guajará. (Borba). IV/1943, A. Parko col.” 2 specimens (INPA); “Benjamin Constant. II/1941, A. Parko col.” 1 specimen (INPA), “IX/1960, L. G. Pereira col.” 1 specimen (DZUP), “XII/1961, Dirings col.” 1 specimen (MZSP), “I/1963, Dirings col.” 1 specimen (MZSP). “Rondônia. Ouro Preto D’Oeste. 29/XI/1987, C. Elias col.” 1 specimen (DZUP).

Omalodes (*Omalodes*) *angulatus* (Fabricius, 1801)

BRAZIL:

“St. Catharina; Joinville; 1914 / Omalodes; angulatus Fab.; det. R. L. Wenzel 1969” 13 specimens (MZSP); “St. Catharina; Joinville; Schware; 1914 / Omalodes; angulatus Fab.; det. R. L. Wenzel 1969”3 specimens (MZSP); “S. Paulo; Alto da Serra; 1-XI-[1]925 / Omalodes; angulatus Fab.; det. R. L. Wenzel 1969” 1 specimen (MZSP); “São Paulo; A[lto]. d[a]. Serra; “coletor ilegível”; I.[19]09” 1 specimen (MZSP); “BRASIL; Timbó; Sta. Catarina; XI-[19]56 Dirings” 3 specimens (MZSP); “BRASIL; Timbó; Sta. Catarina; III-[19]62 Dirings” 1 specimen (MZSP); “BRASIL; Timbó; Sta. Catarina; V-[19]62 Dirings” 15 specimens (MZSP); “BRASIL; Timbó; Sta. Catarina; II-[19]63 Dirings” 4 specimens (MZSP); “BRASIL; Timbó; Sta. Catarina; III-[19]63 Dirings” 2 specimens (MZSP); “BRASIL : SC; Timbó; IV/1957 Dirings” 1 specimen (MZSP); “BRASIL : SC; Timbó; XII/1962 Dirings” 7 specimens (MZSP); “BRASIL : SC; Timbó; II/1964 Dirings” 1 specimen (MZSP); “BRASIL : SC; Timbó; III/1964 Dirings” 5 specimens (MZSP); “BRASIL; Rolândia; Norte Paraná; III-[19]51 Dirings” 1 specimen (MZSP); “BRASIL; Óbidos; baixo Amazonas; Pará; I-[19]60 Dirings” 1 specimen (MZSP); “Itacoatiara; Jan[uary]-1958, [without date]; [without collector]” 1 specimen (MZSP); “São Paulo; Brasilien; [without date]; [without collector]” 3 specimen (ZMHB); “BRASIL: Santa Catarina; Água Doce, V. Brugnara property; at 27°0.5’S 51°30.9W. 600-900m; Ombrophilous forest fragment,; ETOH-baited flight intercept trap; 6.xi.2011. C.A.H.Flechtmann” 2 specimens (LSAM); “Espírito Santo. Rio Guandú. 10/XII/1920, F. Hoffmann col.” 1 specimen (MNRJ); “Conceição da Barra. 12/III/1968, C. T. & C. Elias col.” 1 specimen (DZUP); “27/VI/1968, C. T. & C. Elias col.” 1 specimen (DZUP); “2-7/IX/1968, C. T. & C. Elias col.” 4 specimens (DZUP); “16-21/IX/1968, C. T. & C. Elias col.” 3 specimens (DZUP); “26/IX/1968, C. T. & C. Elias col.” 1 specimen (DZUP); “8-14/X/1968, C. T. & C. Elias col.” 2 specimen (DZUP); “22-28/X/1968, C. T. & C. Elias col.” 1 specimen (DZUP); “27/V/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“19/VI/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“26/VI/1969, C. T. & C. Elias col.” 2 specimens (DZUP);“4/VIII/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“11/VIII/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“26/VIII/1969, C. T. & C. Elias col.” 2 specimens (DZUP);“4/IX/1969, C. T. & C. Elias col.” 3 specimens (DZUP);“10/IX/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“17/IX/1969, C. T. & C. Elias col.” 4 specimens (DZUP);“25/IX/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“1/XI/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“8/XI/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“15/XI/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“22/XI/1969, C. T. & C. Elias col.” 3 specimens (DZUP);“29/XI/1969, C. T. & C. Elias col.” 2 specimens (DZUP); “Córrego Itá. X/1954, W. Zikán col.” 1 specimen (MNRJ); “Santa Leopoldina. 9/IX/1966, C. T. & C. Elias col.” 1 specimen (DZUP);“20/XI/1968, C. Elias col.” 1 specimen (DZUP); “Linhares. 1-7/VIII/1972, C. Elias col.” 2 specimens (DZUP);“8-14/VIII/1972, C. Elias col.” 2 specimens (DZUP); “Santa Tereza. 15/X/1966, C. T. & C. Elias col.” 1 specimen (DZUP), “1-3/II/1968, C. T. & C. Elias col.” 1 specimen (DZUP); “Conceição do Castelo. 23/XII/2005, P. L. Pastori col.” 1 specimen (DZUP);“Rio de Janeiro. Nova Friburgo. XII/1975, Gred & Guimarães col.” 1 specimen (MZSP); “Rio de Janeiro. (Jardim Botânico). 5/X/1930, Dario Mendes col.” 1 specimen (MNRJ); “Teresópolis. IX/1955, P. A. Teles col.” 2 specimens (MNRJ), “XI/1991, A. Bello col.” 1 specimen (DZUP); “Itatiaia. (1100m). 30/XII/1942, W. Zikán col.” 1 specimen (MNRJ); “Guanabara. (Represa Rio Grande). 10/X/1967, F. M. Oliveira col.” 1 specimen (DZUP), “15/X/1967, F. M. Oliveira col.” 1 specimen (DZUP);“São Paulo. Monte do Jaraguá. (Jaraguá). 17/V/1970, C. G. Froehlich col.” 1 specimen (MZSP);“Paraná. Serro Azul. IV/1943, [without collector]” 6 specimens (MGAP); “Foz do Iguaçu. 7/XII/1966, D. Zoo. UFPR col.” 3 specimens (DZUP); “Foz do Iguaçu. 12/XII/1966, Exc. Dept. Zoo.” 1 specimen (DZUP); “Telêmaco Borba. (Res. Samuel Klabin). 24/XI/1986, Lev. Ent. PROFAUPAR” 2 specimens (DZUP);“3/XI/2000, C. A. H. Flechtmann col.” 1 specimen (DZUP);“3/XI/2004, C. A. H. Flechtmann col.” 1 specimen (DZUP);“5/XI/2004, C. A. H. Flechtmann col.” 1 specimen (DZUP);“19/XI/2004, C. A. H. Flechtmann col.” 1 specimen (DZUP);“26/XI/2004, C. A. H.

Flechtmann col."1 specimen (DZUP);"9/XII/2004, C. A. H. Flechtmann col." 1 specimen (DZUP);"27/X/2006, C. A. H. Flechtmann col." 1 specimen (DZUP);"3/XI/2006, C. A. H. Flechtmann col." 1 specimen (DZUP);"5/I/2007, C. A. H. Flechtmann col." 2 specimens (DZUP);"9/II/2007, C. A. H. Flechtmann col." 1 specimen (DZUP);"2/III/2007, C. A. H. Flechtmann col." 1 specimen (DZUP);"9/III/2007, C. A. H. Flechtmann col." 1 specimen (DZUP);"16/III/2007, C. A. H. Flechtmann col." 1 specimen (DZUP); "23/III/2007, C. A. H. Flechtmann col." 1 specimen (DZUP); "Jundiaí do Sul. (Fazenda Monte Verde). 23/III/1987, Lev. Ent. PROFAUPAR" 1 specimen (DZUP);"30/III/1987, Lev. Ent. PROFAUPAR 1" 16 specimen (DZUP); "Antonina. 19/I/1966, Marinoni & Azevedo col." 1 specimen (DZUP); "Quatro Barras. 10/II/1968, Pe. Moure & F. Giacomel col." 1 specimen (DZUP); "Morretes. 22/XI – 10/XII/2001, Schühei col." 6 specimens (DZUP); "Santa Catarina. Timbó. III/1957, Dirings col." 1 specimen (MZSP); "XII/1962, Dirings col." 2 specimens (MZSP); "II/1963, Dirings col." 4 specimens (MZSP); "Pinhal. XII/1952, Anton Maller col." 1 specimen (MNRJ); "Joinville. [without date], Brückner col." 2 specimens (MNRJ); "27/X/1968, O. Mielke & Laroca col." 7 specimens (DZUP); "9/II/1969, O. Mielke & Laroca col." 3 specimens (DZUP); "2/XI/1971, O. Mielke col." 7 specimens (DZUP); "Itapiranga. X/1952, [without collector]" 1 specimen (MGAP); "Nova Teutônia. (27°11' B – 52°23' L). XI/1978, Fritz Plaumann col." 2 specimens (DZUP); "Rio Grande do Sul. São Salvador. 10/I/1964, [without collector]" 1 specimen (MGAP); "São Francisco de Paula. I/1935, [without collector]" 1 specimen (MGAP); "São Francisco de Paula. (Barra dos Bugres). 13/XII/1999, Franceschini, Bonaldo & Silva col." 1 specimen (MCNZ); "Derrubadas. (Parque Estadual Turvo). 31/X/2003, [without collector]" 1 specimen (MCNZ); "Canela. (Barragem da Canastra). 20-22/II/2001, [without collector]" 1 specimen (MCNZ).

PARAGUAY:

"PARAGUAY-Caaguazu; Tres Corrales; 17/20-XI-1997, banana; bait, primary forest; leg. U. Drechset / acquired from; Ulf Drechsel; Asunción / Museum Leiden; *Histeroidea-*; collection; dr P. Kanaar / *Omalodes (s. str.)*; *angulatus*; (F.); det. P. Kanaar 1999" 1 specimen (PCKC); "PARAGUAY: Itapua; Karonay, 17km W; San Rafael Reserve, 90-110m; 26°45'53"S, 55°90'37"W; 18-20 NOV 2000, Z. H. Falin; PAR1F00 016 ex: flight intercept trap / SM0274798; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Itapua; Karonay, 17km W; San Rafael Reserve, 90-110m; 26°45'53"S, 55°90'37"W; 18-20 NOV 2000, Z. H. Falin; PAR1F00 016 ex: flight intercept trap / SM0274799; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Itapua; Karonay, 17km W; San Rafael Reserve, 90-110m; 26°45'53"S, 55°90'37"W; 18-20 NOV 2000, Z. H. Falin; PAR1F00 016 ex: flight intercept trap / SM0274800; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38'17"S, 55°39'50"W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040 ex: flight intercept trap / SM0214124; KUNHM-ENT / *Omalodes*; *sp.*; A. Tishechkin det. 2003" 1 specimen (SMEK); "PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38'17"S, 55°39'50"W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040 ex: flight intercept trap / SM0214126; KUNHM-ENT / *Omalodes*; *sp.*; A. Tishechkin det. 2003" 1 specimen (SMEK); "PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38'17"S, 55°39'50"W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040 ex: flight intercept trap / SM0214130; KUNHM-ENT / *Omalodes*; *sp.*; A. Tishechkin det. 2003" 1 specimen (SMEK); "PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38'17"S, 55°39'50"W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040 ex: flight intercept trap / SM0214135; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38'17"S, 55°39'50"W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040 ex: flight intercept trap / SM0214136; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38'17"S, 55°39'50"W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040 ex: flight intercept trap / SM0257800; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38'17"S, 55°39'50"W; 21-25 NOV 2000, Z. H. Falin PAR1F00 040; ex: flight intercept trap / SM0277433; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Itapúa; San Pedro Mí, San Rafael Reserve; 26°31'24"S,55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 078 ex: flight intercept trap / SM0255448; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Itapúa; San Pedro Mí, San Rafael Reserve; 26°31'24"S,55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 078 ex: flight intercept trap / SM0255454; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Itapúa; San Pedro Mí, San Rafael Reserve; 26°31'24"S,55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 078 ex: flight intercept trap / SM0258602; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Itapúa; San Pedro Mí, San Rafael Reserve; 26°31'24"S,55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 078 ex: flight intercept trap / SM0261968; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Itapúa; San Pedro Mí, San Rafael Reserve; 26°31'24"S,55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 079 ex: flight intercept trap / SM0564153; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reverse, 80m; 26°18'29"S,55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213965; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, bank Rio Tebicuary; 26°17'23"S,

55°43’7”W, 80m; 1-4 DEC 2000, Z. H. Falin; PAR1F00 107 ex: flight intercept trap / SM0274983; KUNHM-ENT” 1 specimen (SMEK); “PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18’56”S, 55°44’29”W; 5 DEC 2000, Z. H. Falin; PAR1F00 112 ex: under bark / SM0277608; KUNHM-ENT” 1 specimen (SMEK); “PARAGUAY: Cazaapá; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 28°19’11”S, 55°39’57”W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0255366; KUNHM-ENT” 1 specimen (SMEK).

ARGENTINA:

“Museum Tucumán; ARGENTINA Misiones; Bemberg; 12.19-I-1945; Hayward, Willink, Golbach / Museum Leiden; *Histeroidea-*; collection; dr P. Kanaar / *Omalodes (s. str.)*; *angulatus*; (F.); det. P. Kanaar 1976” 1 specimen (PCKC); “ARGENTINA:; Missiones, Iguazu; 20-X-6-XI-1994; L. Pena” 1 specimen (PCKC).

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MEXICO:

“MEXICO: S. L. P.,; El Salto de Agua; VI-20-1975 / L.E.Watrous; colr.” 1 specimen (PCKC); “MEXICO: Vera.,; Fortin de las; Flores, VI-28-1975 / L.E.Watrous; colr.” 1 specimen (PCKC); “MEXICO, Ver., 250’; Los Tuxtlas Biol. Sta.; UNAM, 19 May 1983 C. &; L. O’Brien & G. Marshall / on flowers; *Astrocoryum*; *mexicanum*” 1 specimen (PCKC); “MEXICO, Ver., 250’; Los Tuxtlas Biol. Sta.; UNAM, 22 May 1983 C. &; L. O’Brien & G. Marshall” 1 specimen (PCKC); “Mex: Edo Chiapas; 3 mi. S Palenque; VI-1-1987: light; W. B. Warner” 1 specimen (PCKC); “MEXICO: Chiapas; Laguna Belgica; 15 July 1990; D. B. Thomas coll.” 2 specimens (PCKC); “MEXICO: Veracruz; 18.8 km S Huatusco; Hwy. 125 and 13.3 km; E on Ixhuatlán, 19 July; 1990, 1130 m, J. Ashe / K. J. Ahn, R. Leschen #210; ex: rotten banana trunk / *Omalodes*; *fassli*; *det. S. Mazur*” 1 specimen (SMEK); “MEXICO: San Luis Polosi; El Salto Falls, 12km NW; El Naranjo, 3 July 1990; 400m, J. S. Ashe, K. J.; Ahn, R. Leschen #2; ex: rotting lemons / *Omalodes*; *fassli*; *det. S. Mazur*” 1 specimen (SMEK); “MEXICO: Veracruz; Estación Biologica; “Los Tuxtlas”; 20-XI-1990; R. Peréz, J. Valenzuela / [yellow round label]” 3 specimens (PCKC); “MEXICO: Veracruz; 3.5 km S Jalapa, 29 May; 1991, 1400m, J. Ashe; #31 ex: rotting oranges” 1 specimen (SMEK); “MEXICO: Chiapas, Parque; Laguna Belgica 19.3 km; N Ocozocoautla, 8 June; 1991, 970m, J. Ashe #75; ex: flight intercept trap / *Omalodes*; *fassli*; *det. S. Mazur*” 1 specimen (SMEK); “MEXICO: Chiapas; Parque Laguna Belgica; 19.3 km N Ocozocoautla; 12 June 1991, 1560m; J. Ashe #95; ex: flight; intercept trap” 2 specimens (SMEK); “MEXICO: Chiapas; Laguna Belgica; 17 July 1991; D. Thomas, J. Burne” 1 specimen (PCKC); “MEXICO: Veracruz; Cordoba: Cuauhtemoc; NTP-80 (4); 9-11-91; Hernandez [I]. R. col. / [yellow round label]” 1 specimen (PCKC); “MEXICO: Veracruz; Canyon Rio de Metlac; W of Fortin de las Flores; 14 July 1992, 850-900m; J. S. Ashe #68; ex: treefall litter” 1 specimen (SMEK); “MEXICO: Chiapas; Palenque Ruins, 200m; 24 IV 1993, Brooks #67; ex: rotten fruit” 1 specimen (SMEK); “10°22’56”N, 67°37’07”W; “MEXICO: Veracruz; Coatepec, Briones; 3-VI-95. 1350m; tr. fruta jardín; 6m. M. A. Morón / [yellow round label]” 1 specimen (PCKC).

GUATEMALA:

“GUATEMALA: Zacapa; 3.5km SE La Union; 1500m, 23-25 June 1993; R. Brooks & J. Ashe #103; ex: flight intercept trap” 1 specimen (SMEK).

HONDURAS:

“HONDURAS: Lempira; 13.1km NE & 7.3km E; Gracias, Mt. Puca; 1320m, 18 June 1994; 14°41’N, 88°31’W; J. Ashe, R. Brooks #144; ex: treefall litter” 1 specimen (SMEK);“HONDURAS: Atlantida; Lancetilla Bot. Grd., Tela; 10m, 22 JUN 1994; 15°46’N,87°27’W; J. Ashe, R. Brooks #188; ex: *Heliconia* flowers” 1 specimen (SMEK); “HONDURAS: Olancho; P. N. La Muralla; 1 June 1995; R. Turnbow / flight inter-; cept trap” 1 specimen (PCKC).

COSTA RICA:

"COSTA RICA: Puntarenas; Corcovado National Park, Sirena; Stn., Rio Pavo Trail, 5m; 8°29'5"N, 83°35'33"W; 25-28 JUN 2000 Z. H. Falin; CR1ABF00 037; ex: flight intercept trap / SM0243548; KUNHM-ENT / *Omalodes*; *sp.*; A. Tishechkin det. 2001" 1 specimen (SMEK);"COSTA RICA: Punta Prov.; Rincon de Osa, 50m; 8°41.141'N, 83°31.117'W; 23-26-VI-2001, S. & J. Peck; 01-13, ex FIT, CR1P01 005 / SM0476275; KUNHM-ENT / *Omalodes*; *sp.*; A. Tishechkin det. 2007" 1 specimen (SMEK);"COSTA RICA: Puntarenas; Corcovado National Park,; Sirena Stn., lower Ollas Trail, 5m; 8°24'48"N, 83°35'22"W; 24-28 JUN 2000, Z. H. Falin; CR1ABF00 035; ex: flight intercept trap / SM0250274; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Puntarenas; Corcovado National Park, Sirema; Stn., upper Rio Claro Trail, 100m; 8°28'29"N, 83°35'8"W; 28 JUN-1 JUL 2000, Z. H. Falin; ex: flight intercept trap / SM0252292; KUNHM-ENT" 1 specimen (SMEK).

PANAMA:

"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Beating under-; story. 13-17.x.2003; A. Tishechkin. / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C1-11. 11-12 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C1-14. 14-15 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B1-14. 20-21 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N 79°58'W; FIT-12-17. 26-29 May 2004; A. Tishechkin. AT-525 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – P. N. San Lorenzo; N09°11' W79°58' Cafetal C; Dist. 100m Tr. Intercepción; A. Mercado 9-23.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM).

VENEZUELA:

"VENEZUELA: Aragua; P. N. H. Pittier (Rancho; Grande Bio. Sta.) 1300m; 6-7.VIII.1994, Miguel; Archangelsky, F.I.T." 1 specimen (PCKC).

GUYANA:

"GUYANA: Region 8; Iwokrama Forest, 1 km W Kurupukari; Iwokrama Field Stn., 60m; 4°40'19"N,58°41'4"W, 30 MAY-2 JUN 2001; R. Brooks, Z. Falin GUY1BF01 032; ex: flight intercept trap / SM0565232; KUNHM-ENT" 1 specimen (SMEK).

FRENCH GUIANA:

"FRENCH GUIANA: Saül; 05.XI.2010; FIT 5; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 30.XI.2010; SEAG *leg.*" 4 specimens (DZUP).

ECUADOR:

"ECUADOR: Pichincha; Macquipucuna For. Res.; 23 Dec. 1991, 1300m; C. Carlton, R. Leschen #72 ex: Banana duff; berlesate" 1 specimen (SMEK);"ECUADOR: Pichincha; Macquipucuna For. Res.; 50km NW Quito, 1660m; Dec. 23 1991, C. Carlton; R. Leschen #61 ex: flight; intercept" 2 specimens (SMEK).

BRAZIL:

"Blumenau, Bras.; W. Müller / *Omalodes* Var.; *gagatinus* Erichson; Det. R. L. Wenzel 1973" 1 specimen (ZMHB); "BR - R.J. – Angra dos Reis; Faz. Japuhyba; L.T.F. IX-1945 / *Omalodes*; *anthracinus*; mars.; Det. R. Wenzel 1969" 2 specimens (MZSP); "Pernambuco. Caruaru. IV/1972, M. Alvarenga col." 1 specimen (DZUP); "Espírito Santo. Linhares. 1-7/VIII/1972, M. Alvarenga col." 2 specimens (DZUP); "1-7/VIII/1972, C. Elias

col.” 18 specimens (DZUP); “8-14/VIII/1972, M. Alvarenga col.” 26 specimens (DZUP); “8-14/VIII/1972, C. Elias col.” 29 specimens (DZUP); “Conceição da Barra. 8-14/X/1968, C. T. & C. Elias col.” 1 specimen (DZUP); “27/V/1969, C. T. & C. Elias col.” 1 specimen (DZUP); “19/VI/1969, C. T. & C. Elias col.” 1 specimen (DZUP); “4/VIII/1969, C. T. & C. Elias col.” 3 specimens (DZUP); “26/VIII/1969, C. T. & C. Elias col.” 6 specimens (DZUP); “17/IX/1969, C. T. & C. Elias col.” 1 specimen (DZUP); “4/IX/1969, C. T. & C. Elias col.” 4 specimens (DZUP); “17/IX/1969, C. T. & C. Elias col.” 2 specimens (DZUP); “25/IX/1969, C. T. & C. Elias col.” 3 specimens (DZUP); “22/XI/1969, C. T. & C. Elias col.” 3 specimens (DZUP); “29/XI/1969, C. T. & C. Elias col.” 1 specimen (DZUP); “Rio de Janeiro. Rio de Janeiro. (Jardim Botânico). 5/X/1930, D. Mendes col.” 3 specimens (MNRJ); “Guanabara. (Represa Rio Grande). IX/1960, F. M. Oliveira col.” 2 specimens (MNRJ); “XII/1960, F. M. Oliveira col.” 1 specimen (DZUP); “I/1961, F. M. Oliveira col.” 1 specimen (DZUP); 20/XII/1966, F. M. Oliveira col. 8 specimens (DZUP); 30/XII/1966, F. M. Oliveira col. 2 specimen (DZUP); 9/I/1967, F. M. Oliveira col. 8 specimens (DZUP); 5/IX/1967, F. M. Oliveira col. 1 specimen (DZUP); 5/X/1967, F. M. Oliveira col. 4 specimens (DZUP); 7/X/1967, F. M. Oliveira col. 6 specimens (DZUP); 10/X/1967, F. M. Oliveira col. 6 specimens (DZUP); 15/X/1967, F. M. Oliveira col. 3 specimens (DZUP); “18/X/1967, F. M. Oliveira col.” 6 specimens (DZUP); “20/X/1967, F. M. Oliveira col.” 2 specimens (DZUP); “Botafogo. I/1952, L. C. Alvarenga col.” 1 specimen (DZUP); “Itatiaia. XII/1989, A. Bello col.” 1 specimen (DZUP). “São Paulo. Ilha de São Sebastião. [without date], [without collector]” 1 specimen (MZSP). “Santa Catarina. Corupá. II/1954, A. Maller col.” 1 specimen (MNRJ); “São Bento do Sul. (Rio Vermelho). 1/I/1982, I. Rank col.” 1 specimen (DZUP).

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TRINIDAD & TOBAGO:

“TRINIDAD I.; Simla Res. Sta.; 2-15 Jun 1981; Hanaon, Clemons / [red round label]” 1 specimen (PCKC);“TRINIDAD: St. George Co.; Simla Research Station, 800ft.; Arima Valley, N. Range; 10°41’34”N, 61°17’22”W; 24 May 2000; col. Alistair S. Ramsdale” 1 specimen (PCKC);“TRINIDAD: St. George Co.; Simla Research Station, 800ft.; Arima Valley, N. Range; 10°41’34”N, 61°17’22”W; 24 May 2000; col. Alistair S. Ramsdale / pitfall trap, baited w/; rotten banana; premontane rainforest” 2 specimens (PCKC).

SURINAME:

“SURINAME: Brokopondo; Brownsberg Nature Preserve,; Witi Creek Trail, 260m; 4°56’55”N, 55°10’53”W; 23-25 JUN 1999, Z. H. Falin,; A. Gangadin, H. Hiwat; SUR1F99 116, ex: flight intercept trap / SM0165917; KUNHM-ENT” 1 specimen (SMEK);“SURINAME: Brokopondo; Brownsberg Nature Preserve,; Witi Creek Trail, 260m; 4°56’55”N, 55°10’53”W; 23-25 JUN 1999, Z. H. Falin,; A. Gangadin, H. Hiwat; SUR1F99 116, ex: flight intercept trap / SM0165919; KUNHM-ENT” 1 specimen (SMEK).

FRENCH GUIANA:

“GUYANE FRANÇAISE; Saül, 10-VIII-1980; sous cadaver; leg. M. Maylin / Museum Leiden; *Histeroidea*-; collection; dr P. Kanaar / *Omalodes*; *bifoveolatus*; Mars.; det. P. Kanaar 1996” 1 specimen (PCKC);“FRENCH GUIANA: Reserve des Nouragues; 06.V.2010; 4°02’16”N 52°40’21”O; SEAG *leg.*” 7 specimens (DZUP);“FRENCH GUIANA: Saül; 20.VII.2010; NOUR (Malayse); SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: Saül; 26.VIII.2010; FIT; SEAG *leg.*” 2 specimens (DZUP);“FRENCH GUIANA: Saül; 26.VIII.2010; V3; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: Saül; 02.IX.2010; SEAG *leg.*” 2 specimens (DZUP);“FRENCH GUIANA: Saül; 17.IX.2010; FIT 4; SEAG *leg.*” 2 specimens (DZUP);“FRENCH GUIANA: Saül; 30.IX.2010; FIT 4; SEAG *leg.*” 2 specimens (DZUP);“FRENCH GUIANA: VPDV; 06.X.2010; SEAG *leg.*” 1 specimens (DZUP);“FRENCH GUIANA: Saül; 21.X.2010; SEAG *leg.*” 2 specimens (DZUP);“FRENCH GUIANA: Saül; 05.XI.2010; FIT 3; SEAG *leg.*” 2 specimens (DZUP);“FRENCH GUIANA: Saül; 05.XI.2010; FIT 5; SEAG *leg.*” 6 specimens (DZUP);“FRENCH GUIANA: Saül; 30.XI.2010; SEAG *leg.*” 13 specimens (DZUP);“FRENCH GUIANA: Saül; 30.XI.2010; FIT 6; SEAG *leg.*” 9 specimens (DZUP);“FRENCH GUIANA: Saül; 10.XII.2010; B3; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: Saül; 20.XII.2010; SEAG *leg.*” 4 specimens (DZUP);“FRENCH GUIANA: Saül; 20.XII.2010; VIN 4; SEAG *leg.*” 4 specimens (DZUP);“FRENCH GUIANA: Montagne des Chevaux; 02.I.2011; Banane; SEAG *leg.*” 3 specimens (DZUP);“FRENCH GUIANA: Saül; 04.I.2011; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: Saül; 04.I.2011; B2; SEAG *leg.*” 1 specimen (DZUP);“FRENCH

GUIANA: NVC; 09.I.2011; Banane; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 11.I.2011; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: MCV; 16.I.2011; Banane; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 17.I.2011; V4; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: NVC; 22.I.2011; Banane; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 24.I.2011; SEAG *leg.*" 6 specimens (DZUP);"FRENCH GUIANA: Saül; 24.I.2011; FIT 4; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 31.I.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 31.I.2011; Banane; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Saül; 31.I.2011; Vitre 6; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 07.II.2011; SEAG *leg.*" 4 specimens (DZUP);"FRENCH GUIANA: Saül; 14.II.2011; SEAG *leg.*" 4 specimens (DZUP);"FRENCH GUIANA: Saül; 28.II.2011; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 07.III.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 07.III.2011; Banane 3H; SEAG *leg.*" 4 specimens (DZUP);"FRENCH GUIANA: Saül; 14.III.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 22.III.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 14.IV.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 21.IV.2011; SEAG *leg.*" 4 specimens (DZUP);"FRENCH GUIANA: Nouragues; 29.IV.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 13.V.2011; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Nouragues - Inselberg; 03.VI.2011; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Nouragues - Inselberg; 07.VI.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Montagne des Chevaux; 30.VIII.2011; Banane; SEAG *leg.*" 1 specimen (DZUP).

BRAZIL:

"Amazonas; javarete; XII-1936; Camargo coll. / Omalodes; bifoveolatus Marseul; det. R. L. Wenzel 1969" 1 specimen (MZSP); "Amazonas; S. Gabriel; XI-1936; Camargo Coll. / Omalodes; bifoveolatus Marseul; det. R. L. Wenzel 1969" 1 specimen (MZSP); "BRASIL : PA; Itaituba; Rio Tapajóz; XII/1960 Dirings" 33 specimens (MZSP); "BRASIL : PA; Itaituba; Rio Tapajóz; VIII/1960 Dirings" 19 specimens (MZSP); "BRÉSIL – Pará; Ilha Japichana (Maraso); 50°32'7"W, 0°52'8"S; 8-XI/5-XII-1987 / piège d'interception; leg. N. Dégallier / Museum Leiden; *Histeroidea*-; collection; dr P. Kanaar / *Omalodes*; *bifoveolatus*; Mars.; det. P. Kanaar 1999" 1 specimen (PCKC);"BRAZIL: Rondonia; Fazenda, Rancho Grande; 10°32'S, 62°48'W; XI.1991, S. Passoa" 1 specimen (PCKC);"BRAZIL, RO 160-350m; vic. Caucalandia; 10°32'S 62°48'W; 16 Oct 1991; Leg. J. MacDonald / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]" 2 specimens (PCKC);"BRAZIL, RO 160-350m; vic. CAUCALANDIA; 10deg 32'S 62deg 48'W; 26 OCT 1991; John R. MacDonald / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]" 1 specimen (PCKC);"BRAZIL: Rondonia; Fazenda Rancho Grande; 10°32'S 62°48'W; XI.1991, S. Passoa" 2 specimens (PCKC);"BRAZIL Rondonia; 62km SE Ariquemes; 13-25 Apr 1992; W. J. Hanson / [red round label]" 1 specimen (PCKC);"BRAZIL: Rondonia; 9km NE Cacaulandia; XII-1996 to I-1997; K. Vulinec & D. Mellow" 1 specimen (PCKC);"Amapá. Serra do Navio. 3-4/IX/1996, P. Magno col." 4 specimens (MNRJ); "Porto Grande. XI/1995, P. Magno, C. E. Alvarenga & C. Costa col." 1 specimen (MNRJ);"II/1999, P. Magno col." 1 specimen (MNRJ);"Pará. Itaituba. (Rio Tapajóz). VIII/1960, Dirings col." 5 specimens (MZSP);"X/1963, Dirings col." 3 specimens (MZSP); "Óbidos. V/1953, José Brazilino col." 1 specimen (MNRJ);"X/1953, José Brazilino col." 1 specimen (MNRJ);"XI/1953, J. Brazilino col." 4 specimens (MNRJ);"XII/1953, J. Brazilino col." 1 specimen (MNRJ);"VII/1960, Dirings col." 2 specimens (MZSP);"VII/1962, Dirings col." 2 specimens (MZSP);"VII/1963, Dirings col." 1 specimen (MZSP);"XII/1963, Dirings col." 1 specimen (MZSP); "Belém. III/1964, E. Dente col." 1 specimen (MZSP); "Serra Norte. 24/X/1984, M. F. Torres col." 1 specimen (MPEG);"29/VII/1985, R. D. Thomaz col." 1 specimen (MPEG);"7/IX/1985, R. B. Neto col." 1 specimen (MPEG);"21-24/I/1986, M. F. Torres col." 1 specimen (MPEG);"22-24/I/1986, H. Andrade col." 2 specimens (MPEG);"23/III/1986, M. Martins col." 2 specimens (MPEG);"24/III/1986, M. Marins col." 2 specimens (MPEG);"8/X/1986, M. Martins col." 1 specimen (MPEG);"13/X/1986, J. Dias col." 9 specimens (MPEG);"18/XI/1986, M. Martins col." 1 specimen (MPEG); "Marajó-Breves. (Rio Caruacá). 22/II/1988, [without collector]" 8 specimens (MPEG);"5/VIII/1988, R. Santos col." 1 specimen (MPEG);"6/VIII/1988, J. Dias col." 4 specimens (MPEG);"9/VIII/1988, J. Dias col." 4 specimens (MPEG);"12/VIII/1988, J. Dias col." 4 specimens (MPEG); "Utinga. 17/II/1965, H. Schubart col." 1 specimen (MPEG); "Benevides. (408 Km-06). 18/X/1981, E. L. Oliveira col." 1 specimen (MPEG); "Jacareacanga. XII/1968, M. Alvarenga col." 24 specimens (DZUP);"Amazonas. Itacoatiara. II/1961, Dirings col." 1 specimen (MZSP);"VII/1961, Dirings col." 1 specimen (MZSP); "Tapuruquara. (Rio Negro). X/1965, E. Dente col." 1 specimen (MZSP); "Manaus. VIII/1941, A. Parko col." 3 specimens (MNRJ);"2/IV/1956, Elias & Roppa col." 1 specimen (MNRJ);"8/IV/1982, A. T. S. Jafahy col." 1 specimen (INPA); "Manaus. (1Km W Taruma Falls), (100m). 11/I/1981, G. Ekis col." 2 specimens (MPEG); "Manaus. (60Km N Manaus, Fazenda Esteio). 10/VI/1984, B. C. Klein col." 1 specimen (INPA);"25/X/1984, B. C. Klein col." 1 specimen (INPA);"30/I/1985, B. C. Klein col." 1 specimen (INPA);"1/II/1985, B. C. Klein col." 9 specimens (INPA);"3/IV/1985, B. C. Klein col." 1 specimen (INPA);"17/IV/1985, B. C. Klein col." 1 specimen (INPA);"22/V/1985, B. C. Klein col." 1 specimen (INPA);"28/V/1985, B. C. Klein col." 2 specimens

(INPA);“29/V/1985, B. C. Klein col.” 2 specimens (INPA);“30/V/1985, B. C. Klein col.” 2 specimens (INPA);“4/V/1986, B. C. Klein col.” 1 specimen (INPA);“28/V/1986, B. C. Klein col.” 1 specimen (INPA);“24/VII/1986, B. C. Klein col.” 1 specimen (INPA);“30/VII/1986, B. C. Klein col.” 1 specimen (INPA);“31/VII/1986, B. C. Klein col.” 1 specimen (INPA); “Manaus. (Reserva Ducke), (AM 010, Km-26). 16/IX/1977, N. D. Penny col.” 1 specimen (INPA);“28/VI/2002, N. J. Fraga & J. F. Vidal col.” 1 specimen (INPA); “Tabatinga. IX/1956, E. S. Lima col.” 1 specimen (MNRJ);“I/1957, E. S. Lima col.” 1 specimen (MNRJ); “Manicoré. IX/1945, A. Parko col.” 1 specimen (MNRJ); “Benjamin Constant. VI/1942, A.Parko col.” 1 specimen (MNRJ);“VII/1942, A. Parko col.” 1 specimen (MNRJ); “Borba. (Guajará). IV/1943, A. Parko col.” 1 specimen (MNRJ); “Lábrea. (Ramal Apaeral, Km-09), (Sítio São Raimundo), (07°19’10” S – 64°40’07” W). VI/2006, F. 23 F. Xavier col.” 1 specimen (INPA); “Fonte Boa. II/1937, [without collector]” 3 specimens (MCIC);“Acre. Rio Branco. (Porto Velho). 18/VIII/1973, F. do Val col.” 1 specimen (MZSP); “Rio Branco. XII/1999, I. Magalhães col.” 2 specimens (DZUP); “Senador Guiomard. 31/I – 5/II/2009, Mielke & Casagrande col.” 9 specimens (DZUP); “Porto Acre. 28-30/I/2009, Mielke & Casagrande col.” 1 specimen (DZUP);“Mato Grosso. Juína. V/1985, O. Roppa & B. Silva col.” 1 specimen (MNRJ); “Chapada dos Guimarães. 1/XII/1983, Exc. Dep. Zool. – UFPR” 1 specimen (DZUP);“2/XII/1983, Exc. Dep. Zool. – UFPR” 2 specimens (DZUP); “Barra dos Bugres. (31Km NO, 200m). 4/VII/1972, Mielke & Brown col.” 3 specimens (DZUP);“Rondônia. Vilhena. 23/X/1986, C. Elias col.” 1 specimen (DZUP);“2/I/1987, C. Elias col.” 1 specimen (DZUP); “Ouro Preto d’Oeste. 12/IX/1987, C. Elias col.” 2 specimens (DZUP);“20/IX/1987, C. Elias col.” 1 specimen (DZUP);“29/X/1987, C. Elias col.” 1 specimen (DZUP).

ECUADOR:

“ECUADOR: Napo prov.; Yasuni National Park; (300m) 9-17.VIII.2000; legit. A. Sforzi. L. Bartolozzi / Museu Zoologico1 specimen (LSAM); “La Specola”; numero magazzino; 2323 / Omalodes; bifoveolatus; Mars.; A. Tishechkin det. 2001” 1 specimen (LSAM);“ECUADOR: Napo Prov.; Yasuni National Park; (300m) 9-17 Aug 2000; A. Sforzi & L. Bartolozzi / Omalodes; bifoveolatus; Mars.; A. Tishechkin det. 2001” 2 specimens (LSAM).

PERU:

“PERU: Jauja Prov.; Junín Dept., 840m; Sani Beni (8km E; Satipa) 17-30 Aug; 1935 F. Woytkowski” 2 specimens (SMEK);“PERU: Jauja Prov.; Junín Dept., Sani; Beni, 840m ele.; 1-15 September 1935; Felix Woytkowski” 1 specimen (SMEK);“PERU: Jauja Prov.; Junín Dept., Sani; Beni (8km E Satipo); 16-21 September 1935; Felix Woytkowski” 1 specimen (SMEK);“PERU: Jauja Prov.; Junín Dept., Sani; Beni (8km E Satipo); 22-30 September 1935; Felix Woytkowski” 3 specimens (SMEK);“PERU: Jauja Prov.; Junín Dept., Sani; Beni, 840m ele.; 1-10 October 1935; Felix Woytkowski” 1 specimen (SMEK);“PERU: Jauja Prov.; Junín Dept., 840m; Sani Beni (8km E; Satipa) 19-22 Nov 1935; Felix Woytkowski” 2 specimens (SMEK);“PERU: Huanuco; Tingo Maria region; 11-20 May 1937; F. Woytkowski” 1 specimen (SMEK);“PERU: Huanuco; Tingo Maria region; 27 May-5 June 1937; F. Woytkowski” 16 specimens (SMEK);“PERU: Huanuco; Tingo Maria region; 27 May-5 June 1937; F. Woytkowski” 1 specimen (SMEK);“PERU: Huanuco; Tingo Maria region; 27 May-5 June 1937; F. Woytkowski / *Omalodes*; *bifoveolatus*; Mars.; 187 *det. S. Mazur*” 1 specimen (SMEK);“PERU: Huanuco; Tingo Maria region; 27 May-5 June 1937; F. Woytkowski / *Omalodes*; *bifoveolatus*; Mars.; 187 *det. S. Mazur*” 1 specimen (SMEK);“PERU: Huanuco; Tingo Maria region; 25 June-5 July 1937; F. Woytkowski” 2 specimens (SMEK);“PERU: Huanuco; Leonpampa region; December 1937; F. Woytkowski” 1 specimen (SMEK);“Peru S. A.; 8.12.1939; Felix Woytkowski / Dept. Huanuco; Vic. Tingo Maria; Jungle 670m. a.s.” 1 specimen (SMEK);“PERU: Tambopata Prov.; Madre de Dios Depto.; 15km NE Puerto / Maldonado, Reserva; Cuzco Amazonico; 12°33’S, 69°03’W; Quebrada Mariposa; 200m / 13 June 1989; R. A. Leschen #484; ex. flight intercept / *Omalodes*; *bifoveolatus*; *det. S. Mazur*” 1 specimen (SMEK);“PERU: Tambopata Prov.; 15km NE Pto. Maldonaldo; 20 June 1989, 200m; J. Ashe, R. Leschen #167; ex: molasses trap / *Omalodes*; *bifoveolatus*; *det. S. Mazur*” 1 specimen (SMEK);“PERU: Tambopata Prov.; 15km NE Pto. Maldonaldo; 26 June 1989, J. S. Ashe; R. A. Leschen #282; ex: Molasses trap” 1 specimen (SMEK);“PERU: Tambopata Prov.; Madre de Dios Depto.; 15km NE Puerto / Maldonado, Reserva; Cuzco Amazonico; 12°33’S, 69°03’W; 200m, #Z2U16 / 28 June 1989, J. S. Ashe; R. A. Leschen #316; ex. flight intercept trap / *Omalodes*; *bifoveolatus*; *det. S. Mazur*” 1 specimen (SMEK);“PERU: Loreto Prov.; Explorama Lodge; 13-31-VIII-1989; S. Dunkle” 2 specimens (PCKC);“PERU: Loreto Dept.; Yacumana Lodge nr.; jct. Rio Maranon &; Rio Ucayali, 6-20.; VIII.1994, P. Skelley / 73.5°W; 4.8°S” 1 specimen (PCKC);“PERU: Madre de Dios; Pakitza Bio. Stn., Castanal Trail,; Reserved Zone, Manu National Park; 11°56’41”S, 71°17’0”W, 317m; 15-16 OCT 2000, R. Brooks; PERU1B00 013 ex: flight intercept trap / SM0272044; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S,

71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0257588; KUNHM-ENT / *Omalodes*; *bifoveolatus*; Mars.; A. K. Tishechkin det. 2002” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’3[0]”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259110; KUNHM-ENT / *Omalodes*; *bifoveolatus*; Mars.; A. K. Tishechkin det. 2002” 1 specimen (SMEK);“PERU: Dept. Madre de; Dios: Pantiacolla Lodge,; Alto Madre de Dios R.; 12°39.3’S 71°13.9’W 420m; 14-19-XI-2007 D. Brzoska; ex: flight intercept trap; PER1B07 004 / SEMC0874628; KUNHM-ENT / *Omalodes*; *bifoveolatus*; Mars.; A. K. Tishechkin det. 2007” 1 specimen (SMEK);“PERU: Tambopata Prov.; 15 km NE Pto. Maldonaldo; 26 June 1989, J. S. Ashe; R. A. Leschen #282; ex: Molasses trap” 1 specimen (SMEK);“PERU: Cusco, Villa Carmen Field; Stn., ~1.7km W cafeteria res.; trans. 12.89221°S 71.41946°W; 557m. 20-22.v.2011. Flight; intercept. D. J. Bennett & E. Razuri; PER-11-FIT-008” 1 specimen (LSAM);“PERU: Cusco, Villa Carmen Field; Stn., ~1.7km W cafeteria res.; trans. 12.89221°S 71.41946°W; 555m. 22-24.v.2011. Flight; intercept. D. J. Bennett & E. Razuri; PER-11-FIT-007” 1 specimen (LSAM);“PERU: Cusco, Villa Carmen Field; Stn., ~1.7km W cafeteria res.; trans. 12.89221°S 71.41946°W; 555m. 22-24.v.2011. Flight; intercept. D. J. Bennett & E. Razuri; PER-11-FIT-009”1 specimen (LSAM);“PERU: Madre de Dios. CICRA; Field Stn., ~2km NW cafeteria; res. Plot. 12.55236°S 70.10989°W; 295m. Flight intercept, 11-13.vi.2011; Chaboo team. PER-11-FIT-019” 1 specimen (LSAM).

BOLIVIA:

“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----]” 9 specimens (LSAM);“BOLIVIA; Cochabamba; Chapare, Villa Tunari; 13-XI-1995 / acquired from; L. Peña &; A. Ugarte Peña; Santiago de Chile / *no carinal*; *striae!* / Museum Leiden; *Histeroidea*-; collection; dr P. Kanaar / *Omalodes*; *bifoveolatus*; Mars.; det. P. Kanaar 199[?]”1 specimen (PCKC);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. De San Simon, 300m; 17°6’33”S, 64°47’52”W; 9-13 FEB 1999, R. Hanley; BOL1H99 077; ex: flight intercept trap / SM0160617; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 9-13 FEB 1999, R. Hanley; BOL1H99 077; ex: flight intercept trap / SM0160616; KUNHM-ENT” 1 specimen (SMEK);“Bolivia: Santa Cruz; 5km.SSE.Buena Vista; Hotel Flora & Fauna, 440m; Forest FIT, 15-24-XII-03; W63°39.128’-S17°29.925’; S. & J. Peck, 03-131” 1 specimen (LSAM);“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----] / 6 May 2004; Banana; Trap” 14 specimens (LSAM);“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----] / 7 May 2004; Banana Trap” 4 specimens (LSAM);“BOLIVIA: Santa Cruz Dept.; 3.7km SSE Buena Vista; Hotel Flora y Fauna, ~400m; 17°29’S 63°33’W, A. Cline; 7-MAY-2004, ex: banana trap” 10 specimens (LSAM);“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----] / 11 May 2004; Banana Trap” 1 specimen (LSAM).

PARAGUAY:

“PARAGUAY: Itapua; San Pedro Mi, San Rafael; Reserve, 26°31’24”S,55°48’18”W; 26-30 NOV 2000, 90m; Z. H. Falin PAR1F00 077; ex: flight intercept trap / SM0275223; KUNHM-ENT” 1 specimen (SMEK).

Omalodes (*Omalodes*) *clavulus* Lewis, 1888

MEXICO:

“MEXICO: Chiapas; Palenque, at lite; 16 Oct. 1988; R. Turnbow” 1 specimen (PCKC);“MEXICO, Veracruz Est.; Biol. Los Tuxtlas 160m; 19-22-IX-1990; R. Pérez col / [yellow round label]” 1 specimen (PCKC);“MEXICO: Tabasco; Villa Ocuiltzapotlán; 2-ii-94, J. Castro; S. Niño / RBC-1985” 1 specimen (PCKC).

HONDURAS:

“HONDURAS: Yoro,; 4mi W Coyoles; 28-viii-1956; B. & B. Valentine” 1 specimen (PCKC);“HONDURAS: Santa Barbara; La Fe; 30 May 1993; R. Turnbow” 1 specimen (PCKC).

NICARAGUA:

"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho,; entrance rd, 910m 11°50.05'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 189 / SM0537251; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Reserve Domitila, 100m 11°42.50'N; 85°57.20'W 6-9-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 255 / SM0537538; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Reserve Domitila, 100m 11°42.50'N; 85°57.20'W 6-9-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 255 / SM0537545; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Reserve Domitila, 100m 11°42.50'N; 85°57.20'W 6-9-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 255 / SM0537795; KUNHM-ENT" 1 specimen (SMEK).

COSTA RICA:

"COSTA RICA Guan;3km SE R. Naranjo; 20 May 1993; F. D. Parker" 1 specimen (PCKC);"COSTA RICA Guan.; 3km SE R. Naranjo; 2 Jun 1993; F. D. Parker" 1 specimen (PCKC).

Omalodes (*Omalodes*) *depressisternus* Marseul, 1853

BOLIVIA:

"Bolivia: Prov. Ichilo, Depto.; Santa Cruz, 3-5km SSE of; Buena Vista, ± 440m, Febr.; 5-12 2000, 17°29'86"S; 63°39'13"W, W. B. Warner" 13 specimens.

Omalodes (*Omalodes*) *fassli* Bickhardt, 1911

VENEZUELA:

"VENEZUELA: Aragua; Rancho Grande Biol. Stn. 1250m; 10°21'0"N, 67°41'0"W; 12-14 MAY 1998, J. Ashe, R. Brooks; R. Hanley VEN1ABH98 026 ex: flight intercept trap / SM0128379; KUNHM-ENT" 1 specimen (SMEK);"VENEZUELA: Aragua; Rancho Grande Biol. Stn.; 10°21'0"N, 67°41'0"W, 1200-1300m; 13 MAY 1998, J. Ashe, R. Brooks, R. Hanley; VEN1ABH98 015 ex: fungusy log / SM0335271; KUNHM-ENT" 1 specimen (SMEK);"VENEZUELA: Aragua; Rancho Grande Biol. Stn.; Portachuelo Pass, 1100m; 10°21'0"N, 67°41'0"W; 14 MAY 1998, J. Ashe, R. Brooks, R. Hanley; VEN1ABH98 035 ex: *Heliconia* inflorescence / SM0125447; KUNHM-ENT" 1 specimen (SMEK);"VENEZUELA: Aragua; Rancho Grande Biol. Stn.; Portachuelo Pass, 1100m; 10°21'0"N, 67°41'0"W; 14 MAY 1998, J. Ashe, R. Brooks, R. Hanley; VEN1ABH98 035 ex: *Heliconia* inflorescence / SM0125460; KUNHM-ENT / *Omalodes*; *sp.*; A. Tishechkin det. 1999" 1 specimen (SMEK);"VENEZUELA: Aragua; Rancho Grande Biol. Stn.; Portachuelo Pass, 1100m; 10°21'0"N, 67°41'0"W; 14 MAY 1998, J. Ashe, R. Brooks, R. Hanley; VEN1ABH98 035 ex: *Heliconia* inflorescence / SM0125463; KUNHM-ENT" 1 specimen (SMEK);"VENEZUELA: Táchira; San Cristobol, 10 km SE; P.N. Chorro El Indio, 1320m; 7°44'3"N, 72°13'1"W 28-31 MAY; 1998, J. Ashe, R. Brooks, R. Hanley; VEN1ABH98 166 ex: flight intercept trap / SM0129109; KUNHM-ENT" 1 specimen (SMEK);"VENEZUELA: Táchira; San Cristobol, 22.5 SE; P.N. Chorro El Indio, 1030m; 7°43'41"N, 72°9'23"W 29 MAY 1998; J. Ashe, R. Brooks, R. Hanley; VEN1ABH98 152 ex: *Heliconia* flrs / SM0335998; KUNHM-ENT" 1 specimen (SMEK);"VENEZUELA: Aragua; Rancho Grande Biol. Stn.; Portachuelo Pass, 1250m; 10°21'0"N, 67°41'0"W 14 MAY-; 2 JUN 1998, J. Ashe, R. Brooks,; R. Hanley VEN1ABH98 181 ex: flight intercept trap / SM0338538; KUNHM-ENT" 1 specimen (SMEK).

ECUADOR:

“ECUADOR; San Domingo; [D].L.E. I-1982; leg. G. Onoré / Museum Leiden; [*Histeroidea*]-; collection; dr P. Kanaar / *Omalodes (s. str.); fassli*; Bickh.; det. P. Kanaar 1996” 1 specimen (PCKC);“ECUADOR; S. Domingo DLC; X.1983 Onore” 2 specimens (SMEK);“ECUADOR: Pichincha; Macquipucuna For. Res.; 50 km NW of Quito; 1750m, 18 Dec. 1991; C. Carlton, R. Leschen; #9 ex: rotting fruit” 1 specimen (SMEK);“ECUADOR: Pichincha; Macquipucuna For. Res.; 50 km NW Quito, 1660m; Dec. 23 1991, C. Carlton; R. Leschen #61 ex: flight; intercept” 1 specimen (SMEK);“ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28’14”S, 76°27’35”W; 24 MAR 1999, R. Brooks; ECU1B99 031 ex: under bark / SM0156943; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Pichincha; Mindo, 10.6 km W, Mindo Road; 0°4’23”S, 78°45’14”W, 1375m; 26-29 MAR 1999, R. Brooks, D. Bzroska; ECU1B99 065 ex: flight intercept trap / SM0153976; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Pichincha; Maquipucuna Biological Station; River Trail, 1200m; 0°7’34”N, 78°37’57”W; 27-29 OCT 1999, Z. H. Falin; ECU1F99 053; ex: flight intercept trap / SM0355427; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Pichincha; Maquipucuna Biological Station; River Trail, 1200m; 0°7’34”N, 78°37’57”W; 27-29 OCT 1999, Z. H. Falin; ECU1F99 053; ex: flight intercept trap / SM0355428; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Pichincha; Maquipucuna Biological Station; River Trail, 1200m; 0°7’34”N, 78°37’57”W; 27-29 OCT 1999, Z. H. Falin; ECU1F99 053; ex: flight intercept trap / SM0355429; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Pichincha; Maquipucuna Biological Station; River Trail, 1200m; 0°7’34”N, 78°37’57”W; 27-29 OCT 1999, Z. H. Falin; ECU1F99 053; ex: flight intercept trap / SM0355444; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Pichincha; Nanegalito, 7km S on Nono Road,; 1540m, 0°0’23”N, 78°40’36”W; 28 OCT 1999, Z. H. Falin, S. Marshall; ECU1F99 0408 ex: misc. collecting / SM0353222; KUNHM-ENT” 1 specimen (SMEK).

Omalodes (*Omalodes*) *faustus* Erichson, 1834

FRENCH GUIANA:

“FRENCH GUIANA: Montagne des Chevaux; 30.VII.2010; SEAG *leg.*” 2 specimens (DZUP);“FRENCH GUIANA: NCV; 31.X.2010; Banane; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: Saül; 04.I.2011; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: Montagne des Chevaux; 02.I.2011; Banane; SEAG *leg.*” 3 specimens (DZUP);“FRENCH GUIANA: Saül; 04.I.2011; VIN 1; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: Saül; 04.I.2011; VIN 3; SEAG *leg.*” 2 specimens (DZUP);“FRENCH GUIANA: Saül; 04.I.2011; VIN 4; SEAG *leg.*” 2 specimens (DZUP);“FRENCH GUIANA: Saül; 04.I.2011; B1; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: NVC; 09.I.2011; Banane; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: NVC; 22.I.2011; Banane; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: Saül; 24.I.2011; FIT 4; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA; 13.III.2011; Banane; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: Saül; 30.III.2011; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: Montagne des Chevaux; 24.IV.2011; Banane; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: Montagne des Chevaux; 30.VIII.2011; Banane; SEAG *leg.*” 2 specimens (DZUP).

BRAZIL:

“Pará. Conceição do Araguaia. 17-21/XI/1979, R. B. Neto col.” 1 specimen (MPEG); “Benevides. (PA-408, Km-06). 30/VI/1981, W. Overal col.” 1 specimen (MPEG). “Mato Grosso. Cáceres. 16/XI/1984, Buzzi, Mielke, Elias & Casagrande col.” 1 specimen (DZUP).

Omalodes (*Omalodes*) *fortunatus* Lewis, 1898

FRENCH GUIANA:

“FRENCH GUIANA: Saül; 11.I.2011; SEAG *leg.*” 1 specimen (DZUP);“FRENCH GUIANA: Saül; 17.IV.2011; Banane; SEAG *leg.*” 1 specimen (DZUP).

Omalodes (*Omalodes*) *foveola* Erichson, 1834

PANAMA:

"PANAMA: Panama; Camino del Oleoducto; 18-23 Feb. 1999; Turnbow & Wappes / banana; bait" 2 specimens (PCKC).

TRINIDAD & TOBAGO:

"TRINIDAD: St. George Co.; Simla Research Station, 800ft.; Arima Valley, N. Range,; 10°41'34"N/61°17'22"W; May 26 – June 3, 2000; col. Alistair S. Ramsdale / Beneath rotten fruit,; on forest floor,; Premontane; Tropical Rainforest" 1 specimen (PCKC);"TRINIDAD: St. George Co.; Simla Research Station, 800ft.; Arima Valley, N. Range,; 10°41'34"N/61°17'22"W; May 29 – June 3, 2000; col. Alistair S. Ramsdale / Beneath rotten fruit,; on forest floor,; Premontane; Tropical Rainforest" 1 specimen (PCKC);"Maracas Bay. (6,5 mi. Post). 11/VIII/1969, H. & A. Howden col." 1 specimen (CNC).

COLOMBIA:

"Letícia. (Amazonas, 700'). 9/VII/1970, H. & A. Howden col." 1 specimen (CNC).

VENEZUELA:

"Bolivar. 5/VII/1998, H. & A. Howden col." 10 specimens (CNC), "3/VII/1998, H. & A. Howden col." 3 specimens (CNC), "4/VII/1998, H. & A. Howden col." 3 specimens (CNC), "11/VII/1998, H. & A. Howden col." 1 specimen (CNC); "Bolivar. (Puente Cocuizas, 70km W Ciudad Bolivar). 19/VI – 3/VIII/1987, S. & J. Peck col." 3 specimens (CNC); "Bolivar. (26km N Guasipati). 12/VII/1987, S. & J. Peck col." 1 specimen (CNC); "Bolivar. (20km N Upata). 21/VI – 12/VII/1987, S. & J. Peck col." 1 specimen (CNC).

FRENCH GUIANA:

"FRENCH GUIANA: Saül; 29.X.2010; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 30.XI.2010; SEAG *leg.*" 7 specimens (DZUP);"FRENCH GUIANA: Saül; 30.XI.2010; FIT 6; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 20.XII.2010; M1; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: NVC; 09.I.2011; Banane; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 07.II.2011; SEAG *leg.*" 2 specimens (DZUP); "Ilê de Cayenne. (La Chaumière). 14/II/1978, G. Nazaret col." 2 specimens (CPND).

BRAZIL:

"Franca; E. S. Paulo; 18739; Omalodes; brasilianus; Bickh. Det. Mars. / 3775" 1 specimen (MZSP); "Franca; E. S. Paulo; 18739; Omalodes; brasilianus; Bickh. Det. Mars. / 3776" 1 specimen (MZSP); "Ypiranga; Lüderw. Leg.; 7206; Omalodes; brasilianus; Bickh. Det. Mars. / 3774" 1 specimen (MZSP); "Villa Nova; E. Bahia; 18740 / Omalodes; brasilianus; Bickh. Det. Mars. / 3773" 1 specimen (MZSP); "Brasilien; Quellgebiet d'Xingu; Culiseu; Ehrenreich S. / Campos; [without date]" 1 specimen (ZMHB); "Brasilien; Matto Grosso; nördi. V. Guyaba; [without date]; C. Heller V." 4 specimens (ZMHB); "São Paulo; Brasilien; [without date]; [without collector]" 3 specimens (ZMHB); "BRASIL; Santaremsinho; Mun. de Itaituba; Rio Tapajos – Pará; [without date]; Dirings" 31 specimens (MZSP); "St. Catharina; Joinville; 1914; [without collector] / Omalodes; foveola Erichson; Det. R. L. Wenzel 1969" 1 specimen (MZSP); "Para; 1922; Q. Lima / Omalodes; foveola Erichson; Det. R. L. Wenzel 1969" 1 specimen (MZSP); "São Paulo; Auhangai; 2-XII-[1]926; R. Spitz / Omalodes; foveola Erichson; Det. R. L. Wenzel 1969" 4 specimens (MZSP); "Campinas; Est. S. Paulo; Brazil; 410 / L. O. T. M.; XI.[19]36; col. / Omalodes; foveola Erichson; Det. R. L. Wenzel 1969" 1 specimen (MZSP); "Brasil – S. Paulo; Porto Cabral; Rio Paraná; L. Travassos Filho col.; 15-30/X/1941 / Omalodes; foveola Erichson; Det. R. L. Wenzel 1969" 1 specimen (MZSP); "São Paulo; Andes; M. Carrera; II{11}.[1]955 / Omalodes; foveola

Erichson; Det. R. L. Wenzel 1969" 2 specimens (MZSP); "São Paulo; Presidente Epitácio; [1]926. Lima / Omalodes; foveola Erichson; Det. R. L. Wenzel 1969" 2 specimens (MZSP); "Auhaugaby; SP 5.XII.1926; R. Spitz / Omalodes; foveola Erichson; Det. R. L. Wenzel 1969" 4 specimens (MZSP); "Matto Grosso; Faz. Angelo Severo; XI.1937; W. Garbe Coll. / Omalodes; foveola Erichson; Det. R. L. Wenzel 1969" 1 specimen (MZSP); "Rio Grande do Sul; Marcelino Ramos; 15.II{11}.[1]940 / Omalodes; foveola Erichson; Det. R. L. Wenzel 1969" 1 specimen (MZSP); "Jacaú – Alto Xingu; Mato Grosso; 4.XII.1947; Sick col. / Omalodes; foveola; Erichson,1834; N. Degallier" 1 specimen (MZSP); "São Paulo; Presidente Epitácio; 10-X;[1]954. Rabello / Omalodes; foveola Erichson; Det. R. L. Wenzel 1969" 1 specimen (MZSP); "São Paulo; Andes; M. Carrera; II{11}.[1]955 / Omalodes; foveola Erichson; Det. R. L. Wenzel 1969" 7 specimens (MZSP); "Goiás Jan; Jataí 955 – {Goiás, Jataí; I.1955} / Omalodes; foveola; Erichson,1834; N. Degallier" 1 specimen (MZSP); "Pará; Cachimbo; X-[1]955; Pe. Pereira / Omalodes; foveola; Erichson,1834; N. Degallier" 1 specimen (MZSP); "BRASIL; São Paulo de; Olivença; (Rio Solimoes);Estado Amazonas; XI-[19]60 Dirings" 1 specimen (MZSP); "V. Rondônia (378 Km S; de P. Velho) Rondônia; 25.I – 9.II.1961 – Brasil; Pereira e A. Machado / Omalodes; foveola; Erichson,1834; N. Degallier" 4 specimens (MZSP); "BRASIL; Santaremsinho; Mun. de Itaituba; Rio Tapajos – Pará; III-[19]61 Dirings" 2 specimens (MZSP); "BRASIL; Santaremsinho; Mun. de Itaituba; Rio Tapajos – Pará; V-[19]61 Dirings" 1 specimen (MZSP); "BRASIL; Santaremsinho; Mun. de Itaituba; Rio Tapajos – Pará; I-[19]61 Dirings" 1 specimen (MZSP);"BRASIL; Timbó; Sta. Catarina; II-[19]56 Dirings" 12 specimens (MZSP); "BRASIL; Timbó; Sta. Catarina; II-[19]63 Dirings" 4 specimens (MZSP); "BRASIL; Timbó; Sta. Catarina; V-[19]62 Dirings" 2 specimens (MZSP); "BRASIL; Timbó; Sta. Catarina; IX-[19]56 Dirings" 2 specimens (MZSP); "BRASIL; Timbó; Sta. Catarina; XI-[19]56 Dirings" 1 specimen (MZSP); "BRASIL : SC; Timbó; III/1964 Dirings" 5 specimens (MZSP); "BRASIL : AM; Benj[amin]. Constant; Rio Javari; II/1962 Dirings" 1 specimen (MZSP); "BRASIL : AM; Benj[amin]. Constant; Rio Javari; IX/1962 Dirings" 4 specimens (MZSP); "BRASIL : AM; Benj[amin]. Constant; Rio Javari; XI/1962 Dirings" 21 specimens (MZSP); "BRASIL : AM; Benj[amin]. Constant; Rio Javary; Alto Amazonas; X/1962 Dirings" 1 specimen (MZSP); "BRASIL : AM; Benj[amin]. Constant; Rio Javari; X/1961 Dirings" 5 specimens (MZSP); "BRASIL : AM; Benj[amin]. Constant; Rio Javari; XI/1961 Dirings" 12 specimens (MZSP); "BRASIL : AM; Benj[amin]. Constant; Rio Javari; X/1960 Dirings" 33 specimens (MZSP); "BRASIL : AM; Benj[amin]. Constant; Rio Javary; Alto Amazonas; III/1963 Dirings" 2 specimens (MZSP); "BRASIL : AM; Itacoatiara; II/1961 Dirings" 1 specimen (MZSP); "BRASIL : AM; Itacoatiara; VI/1960 Dirings" 1 specimen (MZSP); "BRASIL; Itaituba; (Rio Tapajoz); Pará; III-[19]64 Dirings" 2 specimens (MZSP); "BRASIL : PA; Itaituba; Rio Tapajoz; XI-[19]62 Dirings" 8 specimens (MZSP); "BRASIL; Rio Vermelho; Sta. Catarina; III-[19]64 Dirings" 1 specimen (MZSP); "MOCAMBO; V. Carquejo; Ceará 2/1964; [without collector]" 1 specimen (MZSP); "BRASIL; Tefé; Amazonas; IX-[19]62 Dirings" 1 specimen (MZSP); "BRASIL; Santaremsinho; Mun. de Itaituba; Rio Tapajos – Pará; XI-[19]61 Dirings" 9 specimens (MZSP); "BRASIL; Santaremsinho; Mun. de Itaituba; Rio Tapajos – Pará; V-[19]62 Dirings" 120 specimens (MZSP); "Faz. Aceiro; Jatai, Goiás – Brasil; X.1962; Exp. Dep. Zool. / Omalodes; foveola; Erichson,1834; N. Degallier" 1 specimen (MZSP); "Faz. Cachoeirinha; Jatai, Goiás – Brasil; X.1962; Exp. Dep. Zool. / Omalodes; foveola; Erichson,1834; N. Degallier" 1 specimen (MZSP); "BRASIL; Santaremsinho; Mun. de Itaituba; Rio Tapajos – Pará; VII-[19]62 Dirings" 29 specimens (MZSP); "Benjamin Constant; Amazonas, Brasil; 18-28.IX.1962; K. Lenko – col. / Omalodes; foveola; Erichson,1834; N. Degallier" 1 specimen (MZSP); "BRASIL; Santaremsinho; Mun. de Itaituba; Rio Tapajos – Pará; III-[19]63 Dirings" 31 specimens (MZSP); "Faz. Itaquerê; Nova Europa, SP.; 15.XII.1964; K. Lenko col. / Omalodes; foveola; Erichson,1834; N. Degallier" 3 specimens (MZSP);"Utiariti; Rio Papagaio, MT; 22-31.X.1966; Lenko & Pereira / Omalodes; foveola; Erichson,1834; N. Degallier" 2 specimens (MZSP); "São Paulo; Cantareira; (I.td.); 20896 / Omalodes; foveola Erichson; Det. R. L. Wenzel 1969" 3 specimens (MZSP); "Fazenda Pai Cué; Mun. Carapó, MT; Brasil 25.XI.1969; G. R. Kloss col. / Omalodes; foveola; Erichson,1834; N. Degallier" 1 specimen (MZSP);"BRAZIL: Rondonia. 62; km SW Ariquemes. nr.; Fzda. Rancho Grande; 6-15-XII-1990. D.A.; Rider & J.E. Eger" 1 specimen (PCKC);"BRAZIL: Rondonia. 62; km SW Ariquemes. nr.; 6-15-XII-1990. DA; Rider & JE Eger" 4 specimens (PCKC);"BRAZIL, RO 160-350m; vic. CAUCALANDIA; 10°32'S 62°48'W; 14 OCT 1991; Leg. J. MacDonald / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]" 1 specimen (PCKC);"BRAZIL, RO 160-350m; vic. CAUCALANDIA; 10deg 32'S 62deg 48'W; 26 OCT 1991; JOHN R. MACDONALD / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]" 3 specimens (PCKC);"BRAZIL, RO 160-350m; vic. CAUCALANDIA; 10deg 32'S 62deg 48'W; 26-29 OCT 1991; JOHN R. MACDONALD / PITFALL TRAP; BAITED WITH HUMAN FECES / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]" 2 specimens (PCKC);"BRAZIL, RO 160-350m; vic. CAUCALANDIA; 10deg 32'S 62deg 48'W; 28 OCT 1991; JOHN R. MACDONALD / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]" 1 specimen (PCKC);"BRAZIL: Rondonia; Fazenda Rancho Grande; 10°32'S, 62°48'W; XI.1991, S. Passoa" 9 specimens (PCKC);"BRAZIL: Rondonia; Fazenda Rancho Grande; 10°32'S, 62°48'W; XI.1991, S. Passoa" 1 specimen (PCKC);"BRAZIL: Rondonia, 62; km SW Ariquemes, nr; Fzda. Rancho Grande; 5-17-X-1993 JE Eger; & LB & CW O'Brien"8 specimens (PCKC);"BRAZIL: Rondonia, 62; km SW Ariquemes, nr; Fzda. Rancho Grande; 5-17-X-1993 JE Eger; & LB & CW O'Brien / Human Dung;

Pitfall Trap”1 specimen (PCKC);“BRAZIL: Rondonia, 62; km SW Ariquemes, nr; Fzda. Rancho Grande; 5-17-X-1993 JE Eger; & LB & CW O’Brien / Fish Carrion; Pitfall Trap”1 specimen (PCKC);“BRAZIL: Rondonia, 62; km SW Ariquemes, nr; Fzda. Rancho Grande; 5-17-X-1993 JE Eger; Black Light Trap”2 specimens (PCKC);“BRAZIL: São Paulo, Lençóis; Paulista, Faz. Rio Pardo-Duratex,; *Eucal.grandis* stand at 22°49’19”S; 48°53’36”W. a(alpha)-pinene+ethanol+; baited flight intercept. 8 Dec; 2006. C.A.H.Flechtmann” 1 specimen (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W. Flight; intercept trap, ground level trail 2; 16.x.2010. C.A.H.Flechtmann” 1 specimen (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W. Flight; intercept trap, ground level trail 4; 16.x.2010. C.A.H.Flechtmann” 3 specimens (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W. Window trap, 1.5m, trail 1; 30.x.2010. C.A.H.Flechtmann” 1 specimen (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W. Window trap, 1.5m, trail 2; 30.x.2010. C.A.H.Flechtmann” 1 specimen (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W; Window trap, 1.5m, trail 1; 13.xi.2010. C.A.H.Flechtmann” 2 specimens (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W. Flight; intercept trap, ground level trail 2; 13.xi.2010. C.A.H.Flechtmann” 1 specimen (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W. Flight; intercept trap, ground level trail 3; 13.xi.2010. C.A.H.Flechtmann” 1 specimen (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W. Window trap, 1.5m, trail 1; 27.xi.2010. C.A.H.Flechtmann” 2 specimens (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W. Flight; intercept trap, ground level trail 1; 30.xi.2010. C.A.H.Flechtmann” 1 specimen (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W. Flight; intercept trap, ground level trail 3; 30.xii.2010. C.A.H.Flechtmann” 1 specimen (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W. Window trap, 1.5m, trail 1; 7.i.2011. C.A.H.Flechtmann” 2 specimens (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W. Flight; intercept trap, ground level trail 4; 21.i.2011. C.A.H.Flechtmann” 1 specimen (LSAM);“BRAZIL: Mato Grosso do Sul; cerradao fragment nr. Selviria at; 20°20’10”S 51°24’36”W. Window trap, 1.5m, trail 1; 11.ii.2011. C.A.H.Flechtmann” 3 specimens (LSAM);“Amapá. Serra do Navio. X/1964, E. Dente col.” 2 specimens (MZSP);“3-4/IX/1996, P. Magno col.” 1 specimen (MNRJ);“Pará. Belém. (Mocambo). 20/I/1979, A. F. Ramos col.” 1 specimen (CPND); “Cachimbo. IX/1954, M. Alvarenga col.” 5 specimens (MNRJ); “Óbidos. X/1953, F. M. Oliveira col.” 1 specimen (MNRJ);“XI/1953, J. Brazilino col.” 1 specimen (MNRJ);“III/1954, J. Brazilino col.” 1 specimen (DZUP);“VII/1960, Dirings col.” 1 specimen (MZSP);“XII/1963, Dirings col.” 1 specimen (MZSP); “Mocajuba. II/1953, Orlando M. Rego col.” 3 specimens (MNRJ);“III/1953, Orlando M. Rego col.” 1 specimen (MNRJ);“IV/1953, Orlando M. Rego col.” 2 specimens (MNRJ);“X/1953, Orlando M. Rego col.” 3 specimens (MNRJ); “Santarém. IV/1923, H. L. Bry col.” 14 specimens (MNRJ);“III/1924, H. L. Bry col.” 1 specimen (MNRJ);“IX/1966, A. Bello col.” 1 specimen (DZUP); “Boa Vista. (Município de Castanhal). 6/III/1964, Apol. Souza col.” 1 specimen (CPND);“14/I/1965, H. Schubart col.” 11 specimens (CPND); “Bujaru. 3/VI/1982, W. França col.” 4 specimens (MPEG); “Benevides. (Fazenda Morelândia). 10/I/1986, R. D. Thomaz col.” 3 specimens (MPEG);“10/I/1986, R. B. Neto col.” 3 specimen (MPEG);“6/III/1987, J. Dias col.” 4 specimens (MPEG); “Serra Norte. 24/III/1986, M. Martins col.” 1 specimen (MPEG);“4-8/X/1986, M. Martins col.” 2 specimens (MPEG);“6/X/1986, M. Martins col.” 1 specimen (MPEG);“8/X/1986, J. Dias col.” 1 specimen (MPEG);“13/X/1986, J. Dias col.” 1 specimen (MPEG); “Marajó-Breves. (R. Curiacá). 4/VIII/1988, J. Dias col.” 2 specimens (MPEG);“6/VIII/1988, M. Martins col.” 2 specimens (MPEG);“6/VIII/1988, J. Dias col.” 2 specimens (MPEG);“6/VIII/1988, L. Silva col.” 1 specimen (MPEG);“12/VIII/1988, J. Dias col.” 5 specimens (MPEG); “Parque Tumucumaque. 29/I/1981, E. L. Oliveira col.” 1 specimen (MPEG); “Jacareacanga. X/1959, M. Alvarenga col.” 5 specimens (DZUP);“XII/1968, M. Alvarenga col.” 11 specimens (DZUP); “Santaremsinho. (Rio Tapajóz). II/1961, Dirings col.” 4 specimens (MZSP);“III/1961, Dirings col.” 1 specimen (MZSP);“VI/1961, Dirings col.” 1 specimen (MZSP);“XI/1961, Dirings col.” 1 specimen (MZSP);“V/1962, Dirings col.” 6 specimens (MZSP);“VII/1962, Dirings col.” 3 specimens (MZSP);“XI/1962, Dirings col.” 1 specimen (MZSP);“I/1963, Dirings col.” 6 specimens (MZSP);“III/1963, Dirings col.” 15 specimens (MZSP);“V/1964, Dirings col.” 8 specimens (MZSP); “Itaituba. X/1963, Dirings col.” 1 specimen (MZSP);“VI/1964, Dirings col.” 1 specimen (MZSP); “Canindé. (11Km W, Rio Gurupí). XII/1964, B. Malkin col.” 1 specimen (MZSP); “Nhamundá. (Lago Uubim). 26/II/1967, P. Eleres col.” 4 specimens (MZSP);“Amazonas. Manaus. 13/VII/1955, Elias e Roppa col.” 1 specimen (MNRJ);“X/1955, Elias e Roppa col.” 1 specimen (MNRJ);“9/XI/1955, Elias e Roppa col.” 1 specimen (MNRJ);“23/XI/1955, Elias e Roppa col.” 1 specimen (MNRJ);“16/X/1957, Elias e Roppa col.” 1 specimen (MNRJ);“VIII/1959, Claudinor Elias col.” 1 specimen (DZUP); “Tabatinga. IV/1950, J.C. M. Carvalho col.” 1 specimen (MNRJ);“I/1957, E. S. Lima col.” 1 specimen (MNRJ); “Benjamin Constant. III-IV/1942, H. Parko col.” 1 specimen (MNRJ);“VI/1942, H. Parko col.” 1 specimen (MNRJ);“IX/1960, L. G. Pereira col.” 4 specimens (DZUP);“XII/1961, Dirings col.” 1 specimen (MZSP); “Lábrea. (Ramal Apaeral, Km-09), (Sítio São Raimundo), (07°19’10” S – 64°40’07” W).

VI/2006, F. F. Xavier-F° col." 1 specimen (INPA); "Manaus. (INPA). 3/VI/1977, [without collector]" 4 specimens (INPA), "14/VII/1984, R. H. Pine col." 1 specimen (FMNH); "Manaus. (Tarumã). 2/I/1978, A. Soares col." 1 specimen (INPA); "Manaus. (Estado do Aleixo). 11/III/1968, D. F. Rico col." 3 specimens (INPA); "Manaus. (Santo Antônio). 7/III/1952, F. Antonio col." 2 specimens (INPA);"25/VII/1970, A. Faustino col." 1 specimen (INPA); "Manaus. (Reserva Ducke). V/1968, E. V. Silva & A. Faustino col." 3 specimens (INPA);"5/XII/1977, B. C. Ratcliffe col." 1 specimen (INPA); "Arquipélago de Anavilhanas. 2/III/1976, A. P. A. Luna Dias" 1 specimen (INPA); "Tapuruquara. XI/1963, M. Mello col." 2 specimens (INPA); "BR 174 Km 41. 7/IV/1980, A. Webber col." 3 specimens (INPA); "Médio Purus. 10/X/1979, J. Campbell col." 2 specimens (INPA);"19/X/1979, J. Campbell col." 1 specimen (INPA); "Uaupes. 7-12/VII/1956, M. Alvarenga col." 3 specimens (DZUP); "Itacoatiara. II/1961, Dirings col." 2 specimens (MZSP); "São Paulo de Olivença. XII/1960, Dirings col." 1 specimen (MZSP); "Tefé. IX/1962, Dirings col." 2 specimens (MZSP);"Ceará. Carqueijo. IV/1960, Dirings col." 1 specimen (MZSP);"III/1963, Dirings col." 1 specimen (MZSP);"II/1964, Dirings col." 1 specimen (MZSP);"V/1964, Dirings col." 1 specimen (MZSP);"Bahia. Encruzilhada. 10-12/XII/2007, P. Grossi, A. Rafael & D. Parizotto col." 3 specimens (DZUP); "Maracás. 19/XI/1965, F. M. Oliveira col." 1 specimen (DZUP); "Mucuri. II/1971, P. C. Elias col." 3 specimens (MZSP);"Mato Grosso. Diamantino. (20,2km S Posto do Gil on BR-364), (180m), (14°40'58" S – 56°17'57" W). 13/I/2001, Génier & Vaz-de-Mello col." 2 specimens (CNC);"13/I/2001, Génier & Vaz-de-Mello col." 1 specimen (CNC);"14/I/2001, Génier & Vaz-de-Mello col." 1 specimen (CNC); "Diamantino. (25km N Posto do Gil on BR-163), (500m), (14°22'29" S – 56°07'28" W). 13/I/2001, Génier & Vaz-de-Mello col." 3 specimens (CNC); "Salobra. I/1955, Comissão I. O. Cruz col." 1 specimen (MNRJ); "Selvíria. (UNESP Farm). 26/X/2007, F. Oikawa col." 2 specimens (DZUP); "Chapada dos Guimarães. 28/I/1961, J. & B. Bechiné col." 2 specimens (CPND);"30/I/1961, J. & B. Bechiné col." 1 specimen (CNPD);"23/XI/1983, Exc. Dep. Zool. – UFPR" 1 specimen (DZUP);"6/XII/1983, Exc. Dep. Zool. – UFPR" 1 specimen (DZUP);"8/XII/1983, Exc. Dep. Zool. – UFPR" 1 specimen (DZUP); "Cáceres. (Projeto POLONOROESTE). 13/XI/1984, Buzzi, Mielke, Elias & Casagrande col." 1 specimen (DZUP);"14/XI/1984, C. Elias col." 1 specimen (DZUP);"14-17/XI/1984, Buzzi, Mielke, Elias & Casagrande col." 1 specimen (DZUP);"17/XI/1984, Buzzi, Mielke, Elias & Casagrande col." 3 specimens (DZUP);"19/XI/1984, Buzzi, Mielke, Elias & Casagrande col." 3 specimens (DZUP);"21/XI/1984, C. Elias col." 4 specimens (DZUP);"5/XII/1984, C. Elias col." 2 specimens (DZUP); "Xingu. XI/1951, Alvarenga & Werner col." 7 specimens (MZSP);"Rosário d'Oeste. XI/1970, Dirings col." 1 specimen (MZSP);"I/1971, Dirings col." 1 specimen (MZSP);"XI/1971, Dirings col." 1 specimen (MZSP);"I/1972, Dirings col." 2 specimens (MZSP);"X/1973, Dirings col." 7 specimens (MZSP);"XI/1973, Dirings col." 5 specimens (MZSP); "Utiariti. (Rio Papagaio). 22-31/X/1966, Lenko & Pereira col." 1 specimen (MZSP);"1-12/XI/1966, Lenko & Pereira col." 3 specimens (MZSP); "Rondonópolis. (300m). 12/1962, [without collector]" 2 specimens (DZUP);"Rondônia. Porto Velho. 2/III/1979, S. Parsons col." 1 specimen (INPA); "Vilhena. 19/XI/1986, Claudinor Elias col." 1 specimen (DZUP);"30/XII/1986, Claudinor Elias col." 1 specimen (DZUP); "Forte Príncipe da Beira. 19/XI – 3/XII/1967, G. R. Kloss col." 2 specimens (MZSP); "Cacaolândia. (Fazenda Rancho Grande). 28/XII/1995, D. H. & A. C. Kistner col." 6 specimens (FMNH);"29/XII/1995, D. H. & A. C. Kistner col." 8 specimens (FMNH);"Acre. Rio Branco. XII/1999, I. Magalhães col." 1 specimen (DZUP);"Minas Gerais. Passos. 24-29/X/1962, Claudinor Elias col." 2 specimens (DZUP); "Ibiá. 20/X/1965, C. Elias & C. T. Elias col." 2 specimens (DZUP); "Pouso Alegre. XII/1968, F. S. Pereira col." 1 specimen (MZSP); "Camanducaia. 13/XII/1969, F. Halik col." 1 specimen (MZSP); "Sete lagoas. [without date], [without collector]" 1 specimen (ZMUC); "[without date], Reinhardt col." 7 specimens (ZMUC); "Lagoa Santa. [without date], [without collector]" 1 specimen (ZMUC); "[without date], Reinhardt col." 1 specimen (ZMUC);"Goiás. Aragarças. I/1955, F. M. Oliveira col." 2 specimens (DZUP); "Santa Isabel. (Ilha do Bananal). X/1956, A. Sarmento col." 1 specimen (MZSP);"Distrito Federal. Brasília. X/1977, A. Bello col." 1 specimen (DZUP);"[without date], [without collector]" 2 specimens (ZMUC);"[without date], Beschke" 2 specimens (ZMUC);"Espírito Santo. Conceição da Barra. 2-7/X/1968, C. Elias & C. T. Elias col." 1 specimen (DZUP);"8-14/X/1968, C. Elias & C. T. Elias col." 1 specimen (DZUP);"26/IX/1968, C. & C. T. Elias col." 1 specimen (DZUP);"23-31/I/1969, C. & C. T. Elias col." 1 specimen (DZUP);"4/VII/1969, C & C. T. Elias col." 1 specimen (DZUP);"4/X/1969, C. T. & C. Elias col." 1 specimen (DZUP); "Córrego Itá. X/1954, W. Zikan col." 5 specimens (MNRJ);"XI/1954, W. Zikan col." 2 specimens (MNRJ);"I/1955, W. Zikan col." 1 specimen (MNRJ);"XI/1956, W. Zikan col." 35 specimens (MNRJ);"XI/1957, A. Almeida col." 2 specimens (MNRJ);"XII/1959, W. Grossmann col." 1 specimen (MNRJ); "Rio Guandú. 10/XII/1920, F. Hoffmann col." 1 specimen (MNRJ); "Baixo Guandú. 15-21/IV/1970, C. & C. T. Elias col." 6 specimens (DZUP);"17/V/1970, C. & C. T. Elias col." 1 specimen (DZUP);"23-30/IX/1970, C. & C. T. Elias col." 7 specimens (DZUP);"26-30/XI/1971, C. Elias col." 17 specimens (DZUP); "Linhares. III/1954, P. A. Teles col." 3 specimens (MNRJ);"XI/1969, M. Morais col." 1 specimen (MNRJ);"8-14/VIII/1972, Claudionor Elias col." 1 specimen (DZUP); "Linhares. (Parque Soóretama). II-III/1948, L. Trav., Freitas & H. Trav. col." 3 specimens (MNRJ);"III/1953, Pedro Almeida Teles col." 1 specimen (MNRJ);"V/1953, Pedro Almeida Teles col." 1 specimen (MNRJ);"XI/1967, F. M. Oliveira col." 1 specimen (DZUP);"1-7/VI/1972, C. Elias col." 1 specimen

(DZUP); “Santa Tereza. 26/X/1964, C. Elias col.” 1 specimen (DZUP);“7/XII/1964, C. Elias col.” 4 specimens (DZUP);“9-15/XII/1966, C. Elias & C. T. Elias col.” 1 specimen (DZUP);“12/XII/1966, C. Elias & C. T. Elias col.” 2 specimens (DZUP); “Itaguaçu. 19/III/1970, C. T. & C. Elias col.” 1 specimen (DZUP);“Rio de Janeiro. Duque de Caxias. (São Bento). 7/XI/1959, Pedro Almeida Teles col.” 3 specimens (MNRJ); “Duque de Caxias. II/1991, A. Bello col.” 1 specimen (DZUP); “Guanabara. (Represa Rio Grande). 5/X/1960, F. M. Oliveira col.” 1 specimen (DZUP);“XII/1960, F. M. Oliveira col.” 1 specimen (DZUP);“10/XI/1966, F. M. Oliveira col.” 1 specimen (DZUP);“20/XII/1966, F. M. Oliveira col.” 1 specimen (DZUP);“30/XII/1966, F. M. Oliveira col.” 2 specimens (DZUP);“9/I/1967, F. M. Oliveira col.” 4 specimens (DZUP);“5/X/1967, F. M. Oliveira col.” 3 specimens (DZUP);“10/X/1967, F. M. Oliveira col.” 4 specimens (DZUP);“15/X/1967, F. M. Oliveira col.” 1 specimen (DZUP); “Nova Friburgo. (Macaé de Cima), (1500m). 2/I/2008, Paschoal Grossi col.” 1 specimen (DZUP); “Guanabara. (Corcovado). X/1965, Alvarenga col.” 1 specimen (MZSP); “Itatiaia. I/1947, W. Zikán col.” 1 specimen (MNRJ); “Barra de Itabapoana. X-XI/1935, M. Rosa col.” 1 specimen (MNRJ);“São Paulo. Guarujá. 12/XII/1928, W. H. Elm col.” 1 specimen (MNRJ); “Barueri. 20/X/1954, K. Lenko col.” 1 specimen (MZSP);“27/I/1955, K. Lenko col.” 1 specimen (MZSP);“2/XI/1955, K. Lenko col.” 3 specimens (MNRJ); “Ilha Solteira. 17/XI/1990, C. A. H. Flechtmann col.” 1 specimen (DZUP); “Cerqueira César. XII/1996, J. Carlos col.” 2 specimens (DZUP); “Atibaia. 1/I/1970, F. Halik col.” 1 specimen (MSUZP);“15/I/1970, F. Halik col.” 1 specimen (MZSP); “Nova Europa. (Fazenda Itaquerê). 30/XI/1963, K. Lenko col.” 1 specimen (MZSP); “Parque Estadual do Morro do Diabo. 4/XI/1995, Abes col.” 3 specimens (MZSP); “Marília. I/1948, Speer col.” 3 specimens (MZSP); “Orlândia. X/1962, Exp. Dep. Zool.” 1 specimen (MZSP); “Rio Claro. (Chácara Paraíso). IX/1933, Claretiano col.” 1 specimen (MCIC); “Batatais. [without date], [without collector]” 1 specimen (MCIC). “Paraná. Telêmaco Borba. 3/XI/1986, Levantamento Entomológico PROFAUPAR” 1 specimen (DZUP), “1/XII/1986, Levantamento Entomológico PROFAUPAR” 1 specimen (DZUP), “24/XII/1999, C. A. H. Flechtmann col.” 2 specimen (DZUP); “Serro Azul. 1935, [withoutcollector]” 1 specimen (MGAP), “1/1939, [without collector]” 1 specimen (MGAP), “3/1940, [without collector]” 1 specimen (MGAP); “12/1940, [without collector]” 2 specimens (MGAP), “2/1941, [without collector]” 1 specimen (MGAP), “4/1943, [without collector]” 3 specimens (MGAP), “2/1944, [without collector]” 2 specimens (MGAP); “Rolândia. V/1950, Dirings col.” 1 specimen (MZSP), “XI/1950, Dirings col.” 1 specimen (MZSP), “III/1951, Dirings col.” 1 specimen (MZSP), “XI/1953, Anton Maler col.” 1 specimen (DZUP). “Santa Catarina. Nova Teutônia. (300-500m). II/1981, Fritz Plaumann col.” 2 specimen (DZUP); “Corupá. XII/1953, A. Maller col.” 1 specimen (DZUP); “Timbó. II/1963, Dirings col.” 1 specimen (MZSP), “V/1963, Dirings col.” 1 specimen (MZSP), “XI/1963, Dirings col.” 1 specimen (MZSP), “II/1964, Dirings col.” 1 specimen (MZSP); “Tubarão. 6/I/2007, J. S. Prophiro col.” 1 specimen (DZUP). “Rio Grande do Sul. Carazinho. 10/XI/1979, A. Lise col.” 1 specimen (MCNZ); “Dois Irmãos. 25/I/1963, [without collector]” 1 specimen (MGAP); “São Salvador. 10/I/1964, [without collector]” 2 specimens (MGAP); “Porto Alegre. [without date], [without collector]” 2 specimens (MGAP).

PERU:

“PERU: Jauja Prov.; Junín Dept., Sani; Beni, 840m ele.; 1-15 September 1935; Felix Woytkowski” 1 specimen (SMEK);“PERU: Jauja Prov.; Junín Dept., Sani; Beni (8km E Satipo); 22-30 September 1935; Felix Woytkowski” 2 specimens (SMEK);“PERU: Jauja Prov.; Junín Dept., Sani; Beni, 840m ele.; 1-5 November 1935; Felix Woytkowski” 1 specimen (SMEK);“PERU: Huanuco; Tingo Maria region; 27 May-5 June 1937; F. Woytkowski” 1 specimen (SMEK);“PERU: Huanuco; Tingo Maria region; 15-24 June 1937; F. Woytkowski / *Omalodes*; *foveola* Er.; 187 *det. S. Mazur*” 1 specimen (SMEK);“PERU. S. A.; 8.22.1939; Felix Woytkowski / Dept. Huanuco; Vic. Tingo Maria; Jungle 670m. a.s.” 1 specimen (SMEK);“PERU: Depto. Junin,; Chanchamayo; 14.X.1961; J. Schunke L. leg.” 1 specimen (PCKC);“PERU: Huanuco; Prov. Tingo Maria; 18-26-VI 1982, F.; W. Fisk, collector” 1 specimen (PCKC);“PERU: Huanuco; Tingo Maria, 13km S; Tambil[i]o Grande; 17 Apr 1987; W. J. Hanson” 1 specimen (PCKC);“PERU: Loreto Dept.; 160km NE Iquitos; 27-31.VIII.1992; P. Skeliey coll. / on fungus; #27” 3 specimens (PCKC);“PERU: Junin Dept.; La Merced, 9.5km NE; La Merced-Villa Rica Rd.; 880m, 10°58’42”S, 75°18’18”W; 15-21 OCT 1999, R. Brooks; PERU1B99 096; ex: flight intercept trap / SM0142602; KUNHM-ENT” 1 specimen (SMEK); “Iquitos. VII/1996, G. Rodriguez col.” 1 specimen (DZUP).

BOLIVIA:

“Bolivia: Prov. Ichilo, Depto.; Santa Cruz, 3-5km SSE of Buena Vista, ±440m, Febr.; 5-12, 2000, 17°29’96”S,; 63°39’13”W, W. B. Warner” 3 specimens (PCKC);“BOLIVIA: SANTA CRUZ; 5 km SSE Buena Vista, Hotel; Flora y Fauna, 440m, forest; FIT, 63°39.128’W 17°29.925’S; 15-24.XII.2003-131, S. & J. Peck” 7 specimens (LSAM);“BOLIVIA: SANTA CRUZ; 5 km SSE Buena Vista, Hotel; Flora y Fauna, 440m, forest; FIT,

63°39.128’W 17°29.925’S; 6-15.XII.2003-130, S. & J. Peck” 1 specimen (LSAM);“BOL: Sta. Cruz; Flora y Fauna; 30.IV.04 Beating; Cline & Wappes” 1 specimen (LSAM);“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----] / 6 May 2004; Banana Trap” 1 specimen (LSAM);“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----] / 7 May 2004; Banana Trap” 1 specimen (LSAM); “Pcia Ichilo. (Buenavista). I/1950, A. Martins col.” 1 specimen (MZSP), “II/1950, A. Martins col.” 2 specimens (MZSP); “Coroico. (Nor Yungas). XII/1949, A. Martins col.” 1 specimen (MZSP).

PARAGUAY:

“26°38’17”S, 055°39’50”W; PARAGUAY: Itapua; Yatai, San Rafael Res.; 100m, 26-30.IX.2000; Z. Falin, collector, FIT / PKCD000789” 1 specimen (PCKC);“26°38’17”S, 055°39’50”W; PARAGUAY: Itapua; Yatai, San Rafael Res.; 100m, 26-30.IX.2000; Z. Falin, collector, FIT / PKCD000793” 1 specimen (PCKC);“26°38’17”S, 055°39’50”W; PARAGUAY: Itapua; Yatai, San Rafael Res.; 100m, 26-30.IX.2000; Z. Falin, collector, FIT / PKCD000796” 1 specimen (PCKC);“26°38’17”S, 055°39’50”W; PARAGUAY: Itapua; Yatai, San Rafael Res.; 100m, 26-30.IX.2000; Z. Falin, collector, FIT / PKCD000817” 1 specimen (PCKC);“26°38’17”S, 055°39’50”W; PARAGUAY: Itapua; Yatai, San Rafael Res.; 100m, 26-30.IX.2000; Z. Falin, collector, FIT / PKCD000818” 1 specimen (PCKC);“PARAGUAY: Itapua; Karonay, 17 km W San Rafael; Reserve, 26°45’53”S, 55°50’37”W; 90-110m, 18-21 NOV 2000, Z. H. Falin; PAR1F00 017 ex: flight intercept trap / SM0278810; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; Karonay, 17 km W San Rafael; Reserve, 26°45’53”S, 55°50’37”W; 90-110m, 18-21 NOV 2000, Z. H. Falin; PAR1F00 017 ex: flight intercept trap / SM0278872; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38’17”S, 55°39’50”W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040 ex: flight intercept trap / SM0214122; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38’17”S, 55°39’50”W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040 ex: flight intercept trap / SM0214123; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38’17”S, 55°39’50”W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040 ex: flight intercept trap / SM0214131; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38’17”S, 55°39’50”W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040 ex: flight intercept trap / SM0214132; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38’17”S, 55°39’50”W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040 ex: flight intercept trap / SM0214133; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38’17”S, 55°39’50”W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040; ex: flight intercept trap / SM0257805; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; Yatai, prop. Hostettler family; San Rafael Reserve, 100m; 26°38’17”S, 55°39’50”W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040 ex: flight intercept trap / SM0564322; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; San Pedro Mi, San Rafael; Reserve, 26°31’24”S, 55°48’18”W; 26-30 NOV 2000, 90m; Z. H. Falin PAR1F00 077; ex: flight intercept trap / SM0275220; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; San Pedro Mi, San Rafael; Reserve, 26°31’24”S, 55°48’18”W; 26-30 NOV 2000, 90m; Z. H. Falin PAR1F00 077; ex: flight intercept trap / SM0275221; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; San Pedro Mi, San Rafael; Reserve, 26°31’24”S, 55°48’18”W; 26-30 NOV 2000, 90m; Z. H. Falin PAR1F00 077; ex: flight intercept trap / SM0275222; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; San Pedro Mi, San Rafael; Reserve, 26°31’24”S, 55°48’18”W; 26-30 NOV 2000, 90m; Z. H. Falin PAR1F00 077; ex: flight intercept trap / SM0275224; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; San Pedro Mi, San Rafael; Reserve, 26°31’24”S, 55°48’18”W; 26-30 NOV 2000, 90m; Z. H. Falin PAR1F00 077; ex: flight intercept trap / SM0275225; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; San Pedro Mi, San Rafael; Reserve, 26°31’24”S, 55°48’18”W; 26-30 NOV 2000, 90m; Z. H. Falin PAR1F00 077; ex: flight intercept trap / SM0275226; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; San Pedro Mi, San Rafael; Reserve, 26°31’24”S, 55°48’18”W; 26-30 NOV 2000, 90m; Z. H. Falin PAR1F00 077; ex: flight intercept trap / SM0275227; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; San Pedro Mi, San Rafael; Reserve, 26°31’24”S, 55°48’18”W; 26-30 NOV 2000, 90m; Z. H. Falin PAR1F00 077; ex: flight intercept trap / SM0275228; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; San Pedro Mi, San Rafael; Reserve, 26°31’24”S, 55°48’18”W; 26-30 NOV 2000, 90m; Z. H. Falin PAR1F00 077; ex: flight intercept trap / SM0275231; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; San Pedro Mi, San Rafael; Reserve, 26°31’24”S, 55°48’18”W; 26-30 NOV 2000, 90m; Z. H. Falin PAR1F00 077; ex: flight intercept trap / SM0275232; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; San Pedro Mi, San Rafael; Reserve, 26°31’24”S, 55°48’18”W; 26-30 NOV 2000, 90m; Z. H. Falin PAR1F00 077; ex: flight intercept trap / SM0275233; KUNHM-ENT” 1 specimen (SMEK);“PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31’24”S, 55°48’18”W, 90m; 27-30 NOV 2000, Z. H. Falin;

PAR1F00 078 ex: flight intercept trap / SM0255443; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 078 ex: flight intercept trap / SM0255453; KUNHM-ENT / *Omalodes*; *sp.*; A. Tishechkin det. 2003" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 078 ex: flight intercept trap / SM0255447; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 078 ex: flight intercept trap / SM0255449; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 078 ex: flight intercept trap / SM0255453; KUNHM-ENT / *Omalodes*; *sp.*; A. Tishechkin det. 2003" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 078 ex: flight intercept trap / SM0261921; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 078 ex: flight intercept trap / SM0261932; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 078 ex: flight intercept trap / SM0261942; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 078 ex: flight intercept trap / SM0261955; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27 NOV 2000, Z. H. Falin; PAR1F00 056 ex: fruitfall / SM0276759; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27 NOV 2000, Z. H. Falin; PAR1F00 052; ex: pyrethrum fogging split tree branch / SM0280025; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27 NOV 2000, Z. H. Falin; PAR1F00 052; ex: pyrethrum fogging split tree branch / SM0280026; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27 NOV 2000, Z. H. Falin; PAR1F00 052; ex: pyrethrum fogging split tree branch / SM0280028; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27 NOV 2000, Z. H. Falin; PAR1F00 052; ex: pyrethrum fogging split tree branch / SM0280036; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 079 ex: flight intercept trap / SM0564135; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 079 ex: flight intercept trap / SM0564140; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 079 ex: flight intercept trap / SM0564141; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 079 ex: flight intercept trap / SM0564144; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 079 ex: flight intercept trap / SM0564150; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 079 ex: flight intercept trap / SM0564163; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W, 90m; 27-30 NOV 2000, Z. H. Falin; PAR1F00 079 ex: flight intercept trap / SM0564164; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; San Pedro Mi, San Rafael Reserve; 26°31'24"S, 55°48'18"W; 29 NOV 2000, 90m; Z. H. Falin, PAR1F00 075; ex: on/near rotting fruit at night / SM0279734; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213949; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213950; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213952; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213953; KUNHM-ENT" 1 specimen (SMEK); "PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213954; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213957; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213960; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap /

SM0213961; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213962; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213963; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213964; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213966; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213967; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213968; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0213978; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0274880; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0274883; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0274884; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0274887; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 121 ex: flight; intercept trap / SM0274889; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 121 ex: flight; intercept trap / SM0274890; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 121 ex: flight; intercept trap / SM0274892; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 80m; 26°18'29"S, 55°45'3"W; 1-3 DEC 2000, Z. H. Falin; PAR1F00 094 ex: flight intercept trap / SM0274894; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, bank Rio Tebicuary; 26°17'23"S, 55°43'7"W, 80m; 1-4 DEC 2000, Z. H. Falin; PAR1F00 107 ex: flight intercept trap / SM0274991; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, bank Rio Tebicuary; 26°17'23"S, 55°43'7"W, 80m; 1-4 DEC 2000, Z. H. Falin; PAR1F00 107 ex: flight intercept trap / SM0274994; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, bank Rio Tebicuary; 26°17'23"S, 55°43'7"W, 80m; 1-4 DEC 2000, Z. H. Falin; PAR1F00 107 ex: flight intercept trap / SM0274997; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, bank Rio Tebicuary; 26°17'23"S, 55°43'7"W, 80m; 1-4 DEC 2000, Z. H. Falin; PAR1F00 107 ex: flight intercept trap / SM0274998; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Lopez family; San Rafael Reserve, bank Rio Tebicuary; 26°17'23"S, 55°43'7"W, 80m; 1-4 DEC 2000, Z. H. Falin; PAR1F00 107 ex: flight intercept trap / SM0274999; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa family; San Rafael Reserve, 90m; 26°19'15"S, 55°44'55"W; 3 DEC 2000, Z. H. Falin PAR1F00 099; ex: fermenting tree wound / SM0263332; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa family; San Rafael Reserve, 90m; 26°19'15"S, 55°44'55"W; 3 DEC 2000, Z. H. Falin PAR1F00 099; ex: fermenting tree wound / SM0263370; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa family; San Rafael Reserve, 90m; 26°19'15"S, 55°44'55"W; 3 DEC 2000, Z. H. Falin; PAR1F00 098 ex: under bark / SM0278995; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa family; San Rafael Reserve, 90m; 26°19'15"S, 55°44'55"W; 3-6 DEC 2000, Z. H. Falin; PAR1F00 121 ex: flight intercept trap / SM0213446; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa family; San Rafael Reserve, 90m; 26°19'15"S, 55°44'55"W; 3-6 DEC 2000, Z. H. Falin; PAR1F00 121 ex: flight intercept trap / SM0213447; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 90m; 26°19'15"S, 55°44'55"W; 3-6 DEC 2000, Z. H. Falin; PAR1F00 121 ex: flight; intercept trap / SM0281348; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 90m; 26°19'15"S, 55°44'55"W; 3-6 DEC 2000, Z. H. Falin; PAR1F00 121 ex: flight; intercept trap / SM0281350; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 90m; 26°19'15"S, 55°44'55"W; 3-6 DEC 2000, Z. H. Falin; PAR1F00 121 ex: flight; intercept

trap / SM0281353; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 90m; 26°19'15"S, 55°44'55"W; 3-6 DEC 2000, Z. H. Falin; PAR1F00 121 ex: flight; intercept trap / SM0281354; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa, prop. Sosa; family; San Rafael Reserve, 90m; 26°19'15"S, 55°44'55"W; 3-6 DEC 2000, Z. H. Falin; PAR1F00 121 ex: flight; intercept trap / SM0281358; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 3-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0213736; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 3-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0213740; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Hermosa prop., Lopez family; San Rafael Reserve, 80m; 26°18'56"S, 55°44'29"W; 5 DEC 2000, Z. H. Falin, C. Garcia; PAR1F00 113 / SM0276977, KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0213645; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0213646; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0213653; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0213677; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0213696; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0213706; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0213768; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0255344; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0255345; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0255365; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0255368; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0255369; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0255370; KUNHM-ENT / *Omalodes*; *sp.*; A. Tishechkin det. 2003" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0255373; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Cazaapa; Estancia Condesa/Toro Blanco; San Rafael Reserve, 110m; 26°19'11"S, 55°39'57"W; 8-10 DEC 2000, Z. H. Falin; PAR1F00 140 ex: flight intercept trap / SM0255388; KUNHM-ENT" 1 specimen (SMEK); "Concepcíon. (Rio Aquidaban, Estância Aguerito). 4/XI/1966, M. Viana col." 1 specimen (CPGA); "Trans-Chaco. 25/IV/1995, D'alessandro col." 1 specimen (CPGA); "Cazaapá. (San Rafael Reserve), (80m), (26°18'29" S – 55°45'3" W). 1-3/XII/2000, Z. H. Falin col." 8 specimens (CNC); "Itapúa. (Yataí), (San Rafael Reserve), (100m), (26°38'17" S – 55°39'50" W). 26-30/IX/2000, Z. H. Falin col." 1 specimen (CNC).

ARGENTINA:

"ARGENTINA: Prov.; Missiones; A. Bayer, collector" 1 specimen (PCKC);"32°15'25"S, 58°25'20'W; ARGENTINA: Entre; Rios Prov., Primeiro; de Mayo, 12.IX.1966; A. Gial, collector" 1 specimen (PCKC);"Misiones. Puerto Esperanza. II/1961, A. Martins col." 3 specimens (MZSP); "Misiones. (P. N. Iguazu), (Pto. Canoas), (180-200m). 8/XII/1990 – 6/I/1991, S. &. J. Peck col." 3 specimens (CNC), "8/XII/1990 – 6/I/1991, S. &. J. Peck col." 7 specimens (CNC); "Misiones. (15km SE Puerto Iguazu). 27/XII/1990 – 6/I/1991, S. & J. Peck col." 9 specimens (CNC); "Chaco. (100km NW Resistencia), (P. N. Chaco). 13-16/XII/1990, S. & J. Peck col." 1 specimens (CNC), "12-17/XII/1990, S. & J. Peck col." 2 specimens (CNC);

“L. N. Alem. X/1958, A. Martins col.” 1 specimen (MZSP); “Concepcíon. (Santa Maria). X/1958, M. Viana col.” 3 specimens (CPGA).

Omalodes (*Omalodes*) *gagatinus* Erichson, 1847

“*Omalodes*; *serenus*; Er.; Det. R. Wenzel 1972; [without date]; [without collector]” 1 specimen (ZMHB); “*Omalodes*; *serenus* Er.; Coll. Schmidt-; Bickhardt; [without date]; [without collector]” 2 specimens (ZMHB).

MEXICO:

“MEXICO: Guerrero; Mochitlán, Acahuizotla,; Alt. 650m. 7-VIII-86; Bosque tropical Necrotr.; med. Subperennifolio; L. Delgado, col. / [yellow round label]” 1 specimen (PCKC);“MEXICO: Guerrero,; Mochitlán, Acahuizotla,; Alt. 750m. 9-VII-86; Bosque tropical; bajo caducifolio [follais]; L. Delgado, col.; [yellow round label]” 1 specimen (PCKC);“Mexico. Guerrero, Aeahuizo-; tla. 29.VIII.89 En Cactácea; en descompositión.V. Blac-; Kalley y L. Belgade, cols.” 1 specimen (PCKC);“MEXICO: Veracruz; Estación Biologica; “Los Tuxtlas”; 20-XI-1990; R. Peréz, J. Valenzuela / [yellow round label]” 1 specimen (PCKC);“MEXICO: Chiapas; PK Laguna Belgica; 17 June 1991; D. Thomas & J. Burne” 1 specimen (PCKC).

GUATEMALA:

“GUATEMALA: Quetzal-;tenango, 25.2 km SW; Zunil 800m, 20 June 1993; J. Ashe, R. Brooks, #053; ex: hardwood slash orch.” 1 specimen (SMEK);“GUATEMALA: Zacapa; 3.5km SE La Union; 1500m, 23-25 June 1993; R. Brooks & J. Ashe #103; ex: flight intercept trap” 1 specimen (SMEK).

HONDURAS:

“HONDURAS: Lempira; 13.1 km NE & 7.3 km E; Gracias, Mt. Puca; 1320 m, 18 June 1994; 14°41’N, 88°31’W; J. Ashe, R. Brooks #144; ex: treefall litter” 1 specimen (SMEK);“HONDURAS: Santa Bar-;bara, La Fe, Finca La Roca; 5.3 km S. Peña Blanca; 14°57’N,88°02’W, 740m; 19 VI 1994, Brooks, Ashe; #159, ex: decaying slash” 1 specimen (SMEK).

NICARAGUA:

“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho,; entrance rd. 1060m 11°50.05’N; 85°58.83’W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap, NIC1BFC02 188 / SM0538475; KUNHM-ENT” 1 specimen (SMEK).

COSTA RICA:

“COSTA RICA Punt.; Rincon de la Osa; 26 Jul 1966; D. Veirs / [red circular label]” 2 specimens (PCKC);“COSTA RICA; San Jose, Escazu; 18-VI/3-VII-88; F. D. Parker / [red round label]” 1 specimen (PCKC);“COSTA RICA: Puntarenas; Monte Verde, 1400m; 7 May 1989, J. Ashe, R. Brooks, R. Leschen / ex. berlese, fruit; fall & litter / Snow Entomol. Mus.; Costa Rica Exped. #056” 1 specimen (SMEK);“COSTA RICA: Alajuela; Peñas Blancas, 970m; 20 May 1989, J. Ashe; R. Leschen, R. Brooks; ex. flight intercept trap / Snow Entomol. Mus.; Costa Rica Exped. #272 / *Omalodes*; *sp.*; *det. S. Mazur*” 1 specimen (SMEK);“COSTA RICA S.J.; Escazu; 23-24 Sep 1989; F. D. Parker / [red round label]” 1 specimen (PCKC);“COSTA RICA S.J.; Escazu; 23-24 Sep 1989; F. D. Parker / [red round label]” 1 specimen (PCKC);“COSTA RICA: Puntarenas; Rd. to Monteverde from; from PanAmer. Hwy; 28 VI 1992, B. Ratcliffe, Jameson, ex: frui traps” 1 specimen (SMEK);“COSTA RICA: Puntarenas; Wilson Botanical Garden; (Las Cruces Biol. Stn.); 1200m, 27 May 1993,

J.S. &; A.K. Ashe, #64, ex. F.I.T." 1 specimen (SMEK);"COSTA RICA: Puntarenas; Corcovado National Park, Sirena; Stn. Corcovado Trail, 150m; 8°29'7"N,83°34'39"W; 28 JUN-1 JUL 2000, Z. H. Falin; CR1ABF00 059; ex: flight intercept trap / SM0244308; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Alajuela; E. B. San Ramon, R. B. San Ramon; 27km N & 8km W San Ramon, 810m; 10°13'4"N,84°35'46"W; 8 JUL 2000, J. Ashe, R. Brooks, Z. Falin; CR1ABF00 084; ex: flight intercept trap / SM0246397; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Alajuela; E. B. San Ramon, R. B. San Ramon; 27km N & 8km W San Ramon, 810m; 10°13'4"N,84°35'46"W; 8 JUL 2000, J. Ashe, R. Brooks, Z. Falin; CR1ABF00 084; ex: flight intercept trap / SM0246398; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Alajuela; E. B. San Ramon, R. B. San Ramon; 27km N & 8km W San Ramon, 810m; 10°13'4"N,84°35'46"W; 8 JUL 2000, J. Ashe, R. Brooks, Z. Falin; CR1ABF00 084; ex: flight intercept trap / SM0246399; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Alajuela; E. B. San Ramon, R. B. San Ramon; 27km N & 8km W San Ramon, 810m; 10°13'4"N,84°35'46"W; 8 JUL 2000, J. Ashe, R. Brooks, Z. Falin; CR1ABF00 084; ex: flight intercept trap / SM0248345; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Punta Prov.; Rincon de Osa, 50m; 8°41.141'N, 83°31.117'W; 23-26-VI-2001, S. & J. Peck; 01-13, ex FIT, CR1P01 005 / SM0476273; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Punta Prov.; Rincon de Osa, 50m; 8°41.141'N, 83°31.117'W; 23-26-VI-2001, S. & J. Peck; 01-13, ex FIT, CR1P01 005 / SM0476274; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Punta Prov.; Rincon de Osa, 50m; 8°41.141'N, 83°31.117'W; 23-26-VI-2001, S. & J. Peck; 01-13, ex FIT, CR1P01 005 / SM0476282; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Punta Prov.; Rincon de Osa, 50m; 8°41.141'N, 83°31.117'W; 23-26-VI-2001, S. & J. Peck; 01-13, ex FIT, CR1P01 005 / SM0476284; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Punta Prov.; Rincon de Osa, 50m; 8°41.141'N, 83°31.117'W; 23-26-VI-2001, S. & J. Peck; 01-13, ex FIT, CR1P01 005 / SM0476287; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Punta Prov.; Rincon de Osa, rain forest; 8°41.141'N, 83°31.117'W; 40m, 23-26-VI-2001; S. & J. Peck, 01-15, ex FIT; stream side, CR1P01 007 / SM0562686; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Punta Prov.; Rincon de Osa, rain forest; 8°41.141'N, 83°31.117'W; 40m, 23-26-VI-2001; S. & J. Peck, 01-15, ex FIT; stream side, CR1P01 007 / SM0562788; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Punta Prov.; Rincon de Osa, 150m; 8°41.141'N, 83°31.117'W; 23-26-VI-2001, S. & J. Peck; 01-14, ex FIT, CR1P01 006 / SM0563439; KUNHM-ENT / *Omalodes*; *sp*; A. Tishechkin det. 2007" 1 specimen (SMEK);"COSTA RICA: Guanacaste; Prov. Palo Verde Station; 10°20.85'N, 85°20.98'W; 10m, 16-19-XI-2001; ex. flight intercept traps; R. Brooks, CR1B01 40 / SM0517046; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Puntarenas Prov.; Las Cruces Biol. Sta., 1330m; 08°47.14'N, 82°57.58'W; 28-30-V-2004, J. S. Ashe, Z. Fallin,; I. Hinojosa, Ex: flight intercept; trap. CR1AFH04 059 / SM0622846; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Puntarenas Prov.; Las Cruces Biol. Sta., 1330m; 08°47.14'N, 82°57.58'W; 29-V-2004, J. S. Ashe, Z. Fallin,; I. Hinojosa, Ex: rotting male palm flowers. CR1AFH04 032 / SM0614984; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Puntarenas Prov.; Las Cruces Biol. Sta., 1330m; 08°47.14'N, 82°57.58'W; 29-V-2004, J. S. Ashe, Z. Fallin,; I. Hinojosa, Ex: rotting male palm flowers. CR1AFH04 032 / SM0615049; KUNHM-ENT" 1 specimen (SMEK).

PANAMA:

"Panamá* / *Omalodes*; *gagatinus* Erichson; Det. R. L. Wenzel 1974" 1 specimen (ZMHB); "PANAMA: C. Z.; Pipeline Rd. May; 12, 1978. [CW&L]; O'Brien & Marshall" 1 specimen (PCKC);"CANAL ZONE; Ft. Gulick, at; light Mar.1980; H. J. Harlan" 1 specimen (PCKC);"PANAMA. C. Z.; Ft. Gulick; March, 1980; H. J. Harlan" 1 specimen (PCKC);"PANAMA: Ft. Gulick; Canal Zone; VI-VII 1980; H. J. Harlan" 1 specimen (PCKC);"Cerro Campana; Panama: Panama; 800 meters; May 24, 1985 / Baited with; Bananas + Beer; Steven; MacDonald / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]" 2 specimens (PCKC);"PANAMA: Canal; Zone. Fort; Kobbe VI-4-21-; 1985 E. G. Riley / human feces; pit-fall trap / [blue round label]" 2 specimens (PCKC);"PANAMA: Coclé,; El Valle, VI-; 10-13-1985, E.; Riley & D. Rider / [blue round label]" 1 specimen (PCKC);"El Valle; Cocle: Panama; 800-850m / Jan. 8, 1986; John + Steven; MacDonald / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]" 1 specimen (PCKC);"PANAMA: Panama Prov.; Lago Bayano, Isla de; Majé, 17/20-XII-1988; R. G. Hancock, coll." 2 specimens (PCKC);"PANAMA: Panama; Gamboa, Old Gamboa Rd.; 10 June 1993, C. Michalski; ex: flight intercept trap" 1 specimen (SMEK);"PANAMA: Panama; Pipeline Rd. 10-15 June; 1993, Steve Lingafelter; ex: flight intercept trap" 2 specimens (SMEK);"PANAMA: Panama; Gamboa, Old Gamboa Rd.; 20 June 1993,; C. Michalski, D. Windsor; ex: flight intercept trap" 3 specimens (SMEK);"PANAMA: Panama; Pipeline Rd., km 2 16-; 21 June 1993, Steve Lingafelter; ex: flight intercept trap" 1 specimen (SMEK);"PANAMA: Panama; Pipeline Rd. 17-22 June; 1993, Steve Lingafelter; ex: flight intercept trap" 2 specimens (SMEK);"PANAMA: Panama Pr.; Pipeline Road; Fruitfall: June 22, 1993; Steve Lingafelter" 1 specimen (SMEK);"PANAMA: Panama; Gamboa, Old Gamboa Rd.; 22 June 1993, C. Michalski; ex: flight intercept trap" 1 specimen (SMEK);"PANAMA: Panama; Old Gamboa Rd., 28 June; 1993, D. Windsor; ex: flight intercept trap" 1 specimen (SMEK);"PANAMA: Panama; Old Gamboa Rd., 1 July; 1993, D. Windsor; ex: flight intercept trap" 3 specimens (SMEK);"PANAMA:

Panama; Old Gamboa Rd., 21 July; 1993, D. Windsor; ex: flight intercept trap" 2 specimens (SMEK);"PANAMA: Panama; Barro Colorado Isd.; 09°11'N,79°51'W; 8 July 1994, D. Banks; ex: filght intercept trap" 3 specimens (SMEK);"PANAMA: Panama; Barro Colorado Isd.; 09°11'N,79°51'W; 8 July 1994, D. Banks; ex: filght intercept trap" 1 specimen (SMEK);"PANAMA: Panama; Barro Colorado Isd.; 09°11'N,79°51'W; 15 July 1994, D. Banks; ex: filght intercept trap" 2 specimens (SMEK);"PANAMA: Panama; Barro Colorado Isd.; 09°11'N,79°51'W; 16 July 1994, D. Banks; ex: filght intercept trap" 3 specimens (SMEK);"PANAMA: Panama; Barro Colorado Isd.; 09°11'N,79°51'W; 21 July 1994, D. Banks; ex: filght intercept trap" 5 specimens (SMEK);"PANAMA: Panama; Barro Colorado Isd.; 09°11'N,79°51'W; 22 July 1994, D. Banks; ex: filght intercept trap" 2 specimens (SMEK);"PANAMA: Panama; Barro Colorado Isd.; 09°11'N,79°51'W; 1 Aug 1994, D. Banks; ex: filght intercept trap" 10 specimens (SMEK);"PANAMA: Panama; Barro Colorado Isd.; 09°11'N,79°51'W; 4 Aug 1994, D. Banks; ex: filght intercept trap" 2 specimens (SMEK);"PANAMA: Panama; Barro Colorado Isd.; 09°11'N,79°51'W; 6 Aug 1994, D. Banks; ex: filght intercept trap" 2 specimens (SMEK);"PANAMA: Panama; Barro Colorado Isd.; 09°11'N,79°51'W; 16 Aug 1994, D. Banks; ex: filght intercept trap" 3 specimens (SMEK);"PANAMA: Panama; Barro Colorado Isd.; 09°11'N,79°51'W; 24 Aug. 1994, D. Banks; ex: filght intercept trap" 3 specimens (SMEK);"PANAMA: Colon; Parque Nac. Soberania; Pipeline Rd. Km 6.0; 09°07'N, 79°45'W, 14 V; 1995, J. & A. Ashe #003; ex: *Heliconia mariae*" 1 specimen (SMEK);"PANAMA: Panama; Fort San Lorenzo, 20m; 09°00'N, 79°38'W, 15 V; 1995, J. & A. Ashe #007; ex: palm fruits" 1 specimen (SMEK);"PANAMA: Colon; Parque Nac. Soberania; Pipeline Rd. 16 V 1995; 09°07'N,79°45'W; J. Jolly, C. Chaboo #3" 1 specimen (SMEK);"PANAMA: San Blas; Nusagandi Reserve; 09°21'N, 78°50'W; 350m, 16-17 V 1995; J. & A. Ashe #013; ex: flight intercept trap" 1 specimen (SMEK);"PANAMA: Coclé; 7.2 km NE El Copé, 730m; 08°37'N,80°39'W #140; 20 V-7 VI 1995, J. Ashe,; R. Brooks, fit intercept trap" 6 specimens (SMEK);"PANAMA: Coclé; 7.2 km NE El Copé, 730m; 08°37'N,80°39'W #140; 20 V-7 VI 1995, J. Ashe,; R. Brooks, fit intercept trap" 3 specimens (SMEK);"PANAMA: Panama; 09°05'N,79°40'W; Old Plantation Rd. 6.9 km; S Gamboa, 80m, 27 May; 1995, J. & A. Ashe #071; ex: palm fruitfall" 1 specimen (SMEK);"PANAMA: Panama; 09°05'N, 79°40'W; Old Plantation rd. 6.9km; S Gamboa, 80m, 3 June; 1995, J. Ashe, R. Brooks; #120 ex: fungus log" 1 specimen (SMEK);"PANAMA: Panama; 09°05'N, 79°40'W; Old Plantation rd. 6.9km; S Gamboa, 80m, 3 June; 1995, J. Ashe, R. Brooks; #116 ex: treefall litter" 1 specimen (SMEK);"PANAMA: Panama; 09°05'N,79°40'W; Old Plantation Rd. 6.9 km; S Gamboa, 80m, 4-7 VI; 1995, Ashe & Brooks #137; ex: flight intercept trap" 3 specimens (SMEK);"PANAMA: Panama; Cerro Campana (Capira); 08°44'N,79°57'W; 5 June 1995, 790 m; J. Ashe, R. Brooks #129; ex: flight intercept trap" 3 specimens (SMEK);"PANAMA: Colon; Parque Nac. Soberania; Pipeline Rd. Km 6.1; 09°07'N,79°45'W, 40m; 7-21 June 1995; J. Ashe, R. Brooks #265; ex: flight intercept trap" 6 specimens (SMEK);"PANAMA: Panama; 09°05'N,79°40'W, Old; Plantation Rd. 6.9 km S; Gamboa, 80m, 7-22 VI; 1995, J. Ashe, R. Brooks; #266 flight intercept trap" 4 specimens (SMEK);"PANAMA: Chiriqui Prov.; 20.4 km N San Felix; 08°22'N, 81°46'W; 950 m, 8 VI 1995; J. Ashe & R. Brooks #144; ex: treefall litter" 1 specimen (SMEK);"PANAMA: Colon; Parque Nac. Soberania; Pipeline Rd. Km 6.1; 09°07'N,79°45'W, 40m; 7-21 June 1995; J. Ashe, R. Brooks #265; ex: flight intercept trap" 1 specimen (SMEK);"PANAMA: Panama; 09°05'N,79°40'W, Old; Plantation Rd. 6.9 km S; Gamboa, 80m, 7-22 VI; 1995, J. Ashe, R. Brooks; #266 flight intercept trap" 1 specimen (SMEK);"PANAMA: Chiriqui Prov.; La Fortuna, Cont. Div.; Trail 08°42'N, 82°14'W; 1150m, 9-12 VI 1995; J. Ashe & R. Brooks #186; ex: flight intercept trap" 2 specimens (SMEK);"PANAMA: Colon; Parque Nac. Soberania; Pipeline Rd. Km 2.0; 09°07'N,79°45'W, 40m; 23 VI 1995, R. Brooks; #280 ex: rotting Panama Hat plant fruits" 1 specimen (SMEK);"PANAMA, Colon C. Z.,; Ft. Sherman, Old Ft. San; Lorenzo Rd. 7-31-1995; C. W. & L. B. O'Brien" 1 specimen (SMEK); "PANAMA: Panama; Cerro Azul; 21 May 1996; R. Turnbow" 27 specimens (SMEK);"PANAMA: Cocle; Altos de Campana; 25 May 1996; R. Turnbow / banana; bait trap"1 specimen (SMEK);"PANAMA: Cocle; Altos de Campana; 26 May 1996; R. Turnbow" 1 specimen (SMEK);"PANAMA: Cocle; Altos de Campana; 26 May 1996; R. Turnbow" 1 specimen (SMEK);"PANAMA: Colón; 15 km N jct. Escobal &; Piña Rds., ca 30m; 02-11 Jun 1996, J. Ashe,; R. Brooks PAN1AB96 121; ex: flight intercept trap / SM0041777; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Colón; 15 km N jct. Escobal &; Piña Rds., ca 30m; 02-11 Jun 1996, J. Ashe,; R. Brooks PAN1AB96 121; ex: flight intercept trap / SM0041784; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Colón; 15 km N jct. Escobal &; Piña Rds., ca 30m; 02-11 Jun 1996, J. Ashe,; R. Brooks PAN1AB96 121; ex: flight intercept trap / SM0041880; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Colón; 15 km N jct. Escobal &; Piña Rds., ca 30m; 02-11 Jun 1996, J. Ashe,; R. Brooks PAN1AB96 121; ex: flight intercept trap / SM0041888; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Colón; 15 km N jct. Escobal &; Piña Rds., ca 30m; 02-11 Jun 1996, J. Ashe,; R. Brooks PAN1AB96 121; ex: flight intercept trap / SM0041893; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Colón; 14 km N jct. Escobal &; Piña Rds., 02-11 Jun 1996; J. Ashe, R. Brooks; PAN1AB96 181B; ex: flight intercept trap / SM0049135; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Colón; 14 km N jct. Escobal &; Piña Rds., 02-11 Jun 1996; J. Ashe, R. Brooks; PAN1AB96 181B; ex: flight intercept trap / SM0049144; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Darién, Cana; Biological Station, 530 m; 7°45'18"N,77°41'6"W; 03-07 Jun 1996, J. Ashe,; R. Brooks,

PAN1AB96 065; ex: flight intercept trap / SM0039871; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Darién, Cana; Biological Station, 550 m; 7°45'18"N,77°41'6"W; 03-07 Jun 1996, J. Ashe,; R. Brooks, PAN1AB96 066; ex: flight intercept trap / SM0040041; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Darién, Cana; Biological Station, 550 m; 7°45'18"N,77°41'6"W; 03-07 Jun 1996, J. Ashe,; R. Brooks, PAN1AB96 066; ex: flight intercept trap / SM0040061; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Darién, Cana; Biological Station, 530 m; 7°45'18"N,77°41'6"W; 07-09 Jun 1996, J. Ashe,; R. Brooks, PAN1AB96 113; ex: flight intercept trap / SM0048003; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Darién, Cana; Biological Station, 530 m; 7°45'18"N,77°41'6"W; 07-09 Jun 1996, J. Ashe,; R. Brooks, PAN1AB96 113; ex: flight intercept trap / SM0048080; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Darién, Cana; Biological Station, 530 m; 7°45'18"N,77°41'6"W; 07-09 Jun 1996, J. Ashe,; R. Brooks, PAN1AB96 113; ex: flight intercept trap / SM0048255; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Darién, Cana; Biological Station, 530 m; 7°45'18"N,77°41'6"W; 07-09 Jun 1996, J. Ashe,; R. Brooks, PAN1AB96 113; ex: flight intercept trap / SM0048270; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Darién, Cana; Biological Station, 530 m; 7°45'18"N,77°41'6"W; 07-09 Jun 1996, J. Ashe,; R. Brooks, PAN1AB96 113; ex: flight intercept trap / SM0048284; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Darién, Cana; Biological Station, 550 m; 7°45'18"N,77°41'6"W; 07-09 Jun 1996, J. Ashe,; R. Brooks, PAN1AB96 114; ex: flight intercept trap / SM0049008; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama; Camino del Oleoducto; 26 June 1997; R. Turnbow" 1 specimen (SMEK);"PANAMA Pnm Prv.; Pipeline Rd K 1-12; 26-30-VI-1997; Wappes & Morris" 5 specimens (SMEK);"PANAMA Pnm Prv.; Pipeline Rd K 1-12; 26-30-VI-1997; Wappes & Morris" 1 specimen (SMEK);"PANAMA: Pnm. Prov.; Cerro Azul 1500'; 26-30-VI-1997; Morris & Wappes / fermenting; banana trap" 4 specimens (SMEK);"PANAMA: Panama; Cerro Azul; 27 June-9 July 1997; R. Turnbow" 12 specimens (SMEK);"PANAMA: Panama; Cerro Azul; 27 June-9 July 1997; R. Turnbow" 2 specimens (SMEK);"PANAMA: Pnm. Prov.; Cerro Campana; 30-VI-1997; Morris & Wappes / fermenting; banana trap" 3 specimens (SMEK);"PANAMA: Pnm. Prov.; Cerro Azul 1500'; 1-9-VII-1997; Morris & Wappes / fermenting; banana trap" 6 specimens (SMEK);"PANAMA: Pnm. Prov.; Soberania Nat'l Park; 1-9-VII-1997; Morris & Wappes / fermenting; banana trap" 1 specimen (SMEK);"PANAMA: Pnm. Prov.; Soberania Nat'l Park; 1-9-VII-1997; Morris & Wappes / fermenting; banana trap" 1 specimen (SMEK);"PANAMA: Chiriqui; Finca La Suiza; 2-7 July 1997; R. Turnbow / feces baited; pitfall" 3 specimens (SMEK);"PANAMA: Chiriqui Prov.; Cont'l Divide Trail; 3-4-VII-1997; Morris & Wappes" 1 specimen (SMEK);"PANAMA: Chiriqui; Finca la Suiza; 3-8 July 1997; R. Turnbow / feces baited; pitfall" 1 specimen (SMEK);"PANAMA: Chiriqui; Finca la Suiza; 3-8 July 1997; R. Turnbow / feces baited; pitfall" 1 specimen (SMEK);"PANAMA: Pnm. Prov.; Pipeline Rd. K 1-12; 8-9-VII-1997; Morris & Wappes / fermenting; banana trap" 1 specimen (SMEK);"PANAMA: Panama; Cerro Jefe; 9 July 1997; R. Turnbow" 2 specimens (SMEK);"PANAMA: Panama; Cerro Azul; 13-18 Feb. 1999; Turnbow & Wappes / banana; bait" 1 specimen (SMEK);"PANAMA Pn. Prv.; Soberania Nac PQ; 15-24 Feb 1999; J. E. Wappes / feces baited; pitfall trap" 1 specimen (SMEK);"PANAMA: Panama; Camino del Oleoducto; 17-24 Feb. 1999; Turnbow & Wappes / banana; bait" 1 specimen (SMEK);"PANAMA: Panama; Camino del Oleoducto; 18-23 Feb. 1999; Turnbow & Wappes / banana; bait" 3 specimens (SMEK);"PAN: Panama Prov.; Soberania Nat. Pk.; 19-20/V/1999; Morris / Wappes" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 1 - 5; July 2000 S. Chatzimanolis Ex. FIT; PAN1C00 046 / SM0553124; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 1 - 5; July 2000 S. Chatzimanolis Ex. FIT; PAN1C00 046 / SM0553171; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 1 -; 5 July 2000 S. Chatzimanolis Ex.; FIT PAN1C00 039 / SM0572440; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 1 -; 5 July 2000 S. Chatzimanolis Ex.; FIT PAN1C00 039 / SM0572452; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 1 -; 5 July 2000 S. Chatzimanolis Ex.; FIT PAN1C00 039 / SM0572461; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 17-; 23 July 2000 S. Chatzimanolis Ex.; FIT PAN1C00 087 / SM0572513; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 23-27; July 2000 S. Chatzimanolis Ex. FIT; PAN1C00 093 / SM0571225; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 23-; 27 July 2000 S. Chatzimanolis Ex. FIT; PAN1C00 092 / SM0573605; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 24; July 2000 S. Chatzimanolis Ex.; miscellaneous coll. PAN1C00 089 / SM0553423; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 27-; 31 July 2000 S. Chatzimanolis Ex. FIT; PAN1C00 101 / SM0571411; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 27-; 31 July 2000 S. Chatzimanolis Ex. FIT; PAN1C00 101 / SM0571412; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 4; August 2000 S. Chatzimanolis; Ex. FIT PAN1C00 111 / SM0529483; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 4; August 2000 S. Chatzimanolis; Ex. FIT PAN1C00

111 / SM0529489; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C1-1. 22-23.ix.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C1-6. 28-30.ix.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W Temporary; aggregation of *Labidus*; *praedator* workers under / fallen leaves; 30 September 2003; A. Tishechkin. AT-192 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B3-04. 6-8 Oct 2003; A. Tishechkin. IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B2-1. 1-3.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM); "PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B1-2. 3-4.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 6 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B3-2. 3-4.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B1-4. 6-8.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B2-4. 6-8.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B3-4. 6-8.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Mushroom-; baited trap. 5-10 Oct; 2003. L. Cizek / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B1-5. 8-9.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Treefall gap,; beating broken palms; 13.x.2003; F. Odegaard / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I1-6. 14-17.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I2-6. 14-17.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. F.I.T., 28m, 11d.; FL-B1-C28a. 17.x.2003; R. Didham, L. Fagan. IBISCA / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I1-4. 17-18.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I2-4. 17-18.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I1-7. 19-21.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R1-1. 22-24.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R2-2. 24-25.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R1-3. 25-26.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R1-4. 26-27.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R3-6. 28-30.x.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R3-7. 30.x.-2.xi.2003; A. Tishechkin - IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N; 79°58'W. F.I.T.,; FL-C1B14j. 25.iv.-5.v.; 2004. M. González. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C1-11. 11-12 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 17 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C2-11. 11-12 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K.

Tishechkin det. 2010" 6 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C3-11. 11-12 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 10 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I1-11. 11-12 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 5 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I2-11. 11-12 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 8 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I3-11. 11-12 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C1-12. 12-13 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 11 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C2-12. 12-13 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 4 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C3-12. 12-13 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 5 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I1-12. 12-13 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 5 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I2-12. 12-13 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 17 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I3-12. 12-13 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-Z-1. 12-13 May 2004; A. Tishechkin. AT-418 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C1-13. 13-14 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 4 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C2-13. 13-14 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C3-13. 13-14 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I1-13. 13-14 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I2-13. 13-14 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 4 specimens (LSAM); "PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-Z-2. 13-14 May 2004; A. Tishechkin. AT-428 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C1-14. 14-15 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 5 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C2-14. 14-15 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 8 specimens (LSAM); 2 specimens (LSAM); "PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C3-14. 14-15 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I1-14. 14-15 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 6 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I2-14. 14-15 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 8 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-Z-3. 14-15 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N 79°58'W; FIT-Z-3. 14-15 May 2004; A. Tishechkin. AT-440 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Canopy fogging; FO-F3-06-2. 15 May 2004; J. Ball, J. Schmidt. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I1-15. 15-17 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I1-15. 15-17 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 5 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I2-15. 15-17 May 2004; A. Tishechkin. IBISCA'04 /

Omalodes; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 6 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I3-15. 15-17 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C1-15. 15-17 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 5specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C2-15. 15-17 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C3-15. 15-17 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I3-15. 15-17 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-Z-4. 15-17 May 2004; A. Tishechkin. AT-450 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B1-11. 17-18 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B3-11. 17-18 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-Z-5. 17-18 May 2004; A. Tishechkin. AT-459 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B1-12. 18-19 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 4 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B2-12. 18-19 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B3-12. 18-19 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R1-12. 18-19 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N 79°58'W; FIT-Z-6. 18-19 May 2004; A. Tishechkin. AT-537 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B1-13. 19-20 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B3-13. 19-20 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R2-13. 19-20 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R3-12. 19-20 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-Z-7. 19-20 May 2004; A. Tishechkin. AT-478 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B1-14. 20-21 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B2-14. 20-21 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R1-14. 20-21 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R2-14. 20-21 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N 79°58'W; FIT-Z-8. 20-21 May 2004; A. Tishechkin. AT-486 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N; 79°58'W; FIT-B1-16. 21-24 May 2004; A. Tishechkin. AT-489 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N; 79°58'W; FIT-B2-16. 21-24 May 2004; A. Tishechkin. AT-489 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N; 79°58'W; FIT-B3-16. 21-24 May 2004; A. Tishechkin. AT-491 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N; 79°58'W; FIT-C3-17. 21-24

May 2004; A. Tishechkin. AT-522 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N; 79°58'W; FIT-R1-16. 21-24 May 2004; A. Tishechkin. AT-492 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R2-16. 21-24 May 2004; A. Tishechkin. AT-493 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N; 79°58'W; FIT-R3-16. 21-24 May 2004; A. Tishechkin. AT-494 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N; 79°58'W; FIT-Z-9. 21-24 May 2004; A. Tishechkin. AT-495 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.; FIT-B1-15. 24-25 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B1-15. 24-25 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B2-15. 24-25 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B3-15. 24-25 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R1-15. 24-25 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R3-14. 24-25 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 7 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B1-17. 25-26 May 2004; A. Tishechkin. AT-511 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C1-16. 25-26 May 2004; A. Tishechkin. AT-509 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C3-16. 25-26 May 2004; A. Tishechkin. AT-510 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I2-16. 25-26 May 2004; A. Tishechkin. AT-513 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R3-15. 25-26 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N; 79°58'W; FIT-B1-18. 26-29 May 2004; A. Tishechkin. AT-523 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N; 79°58'W; FIT-B2-18. 26-29 May 2004; A. Tishechkin. AT-524 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.; FIT-C1-17. 26-29 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I2-17. 26-29 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I2-17. 26-29 May 2004; A. Tishechkin. AT-525 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C1-18. 29 May 2004; A. Tishechkin. AT-528 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C3-18. 29 May 2004; A. Tishechkin. AT-529 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I2-18. 29 May 2004; A. Tishechkin. AT-531 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N; 79°58'W. F.I.T.,; FL-C3A7s. 12-23 Sep; 2004. M. Rapp. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N; 79°58'W. F.I.T.,; FL-C1B14t. 3-13 Oct; 2004. M. González. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. -50 m Tr. Intercepción; A. Mercado 7-21.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 9 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. 0 m Tr. Intercepción; A. Mercado 7-21.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 29 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A;

Dist. 10 m Tr. Intercepción; A. Mercado 7-21.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 12 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. 50 m Tr. Intercepción; A. Mercado 7-21.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 21 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. 100 m Tr. Intercepción; A. Mercado 7-21.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. 250 m Tr. Intercepción; A. Mercado 7-21.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 4 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. 0 m Tr. Intercepción; A. Mercado 8-22.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Cafetal B; Dist. 0 m Tr. Intercepción; A. Mercado 8-22.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 9 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Cafetal B; Dist. 10 m Tr. Intercepción; A. Mercado 8-22.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 6 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Cafetal B; Dist. 50 m Tr. Intercepción; A. Mercado 8-22.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 12 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Cafetal B; Dist. 100 m Tr. Intercepción; A. Mercado 8-22.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Cafetal B; Dist. 250 m Tr. Intercepción; A. Mercado 8-22.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 16 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°11' W 79°58' Cafetal C; Dist. -50 m Tr. Intercepción; A. Mercado 9-23.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. 0 m Tr. Intercepción; A. Mercado 9-23.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°13' W 80°01' Pastizal A; Dist. 0 m Tr. Intercepción; A. Mercado 9-23.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 8 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°11' W 79°58' Cafetal C; Dist. 10 m Tr. Intercepción; A. Mercado 9-23.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°13' W 80°01' Pastizal A; Dist. 10 m Tr. Intercepción; A. Mercado 9-23.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°11' W 79°58' Cafetal C; Dist. 100 m Tr. Intercepción; A. Mercado 9-23.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 9 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°13' W 80°01' Pastizal A; Dist. 100 m Tr. Intercepción; A. Mercado 9-23.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 5 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°13' W 80°01' Pastizal A; Dist. 250 m Tr. Intercepción; A. Mercado 9-23.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°11' W 79°58' Cafetal C; Dist. 250 m Tr. Intercepción; A. Mercado 9-23.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 4 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal B; Dist. 10 m Tr. Intercepción; A. Mercado 11-25.VI.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 5 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal B; Dist. 50 m Tr. Intercepción; A. Mercado 11-25.VI.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 5 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal B; Dist. 100 m Tr. Intercepción; A. Mercado 11-25.VI.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal B; Dist. 250 m Tr. Intercepción; A. Mercado 11-25.VI.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. 0 m Tr. Intercepción; A. Mercado 17-31.X.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 8 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°13' W 80°01' Pastizal A; Dist. 10 m Tr. Intercepción; A. Mercado 18.X-1.XI.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Cafetal B; Dist. -50 m Tr. Intercepción; A. Mercado 16-30.III.2008 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal C; Dist. 10 m Tr. Intercepción; A. Mercado 12-26.V.2008 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 15 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal C; Dist. 50 m Tr. Intercepción; A. Mercado 12-26.V.2008 / *Omalodes*; *sp. #1*; San Lorenzo

Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal C; Dist. 100 m Tr. Intercepción; A. Mercado 12-26.V.2008 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 17 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal C; Dist. 250 m Tr. Intercepción; A. Mercado 12-26.V.2008 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 8 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal B; Dist. 0 m Tr. Intercepción; A. Mercado 12-27.V.2008 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal B; Dist. 10 m Tr. Intercepción; A. Mercado 12-27.V.2008 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal B; Dist. 100 m Tr. Intercepción; A. Mercado 12-27.V.2008 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 5 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal B; Dist. 250 m Tr. Intercepción; A. Mercado 12-27.V.2008 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. 0 m Tr. Intercepción; A. Mercado 16.III-1.VI.2008 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMA: Colón Prov.; San Lorenzo Forest, 9°17'N; 79°58'W. Flight intercept; FIT-C2-11. 11-12 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM);"PANAMA: Colón Prov.; San Lorenzo Forest, 9°17'N; 79°58'W. Flight intercept; FIT-C1-12. 12-13 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. 0m Tr. Intercepción; A. Mercado 7-21.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°58' Pastizal B; Dist. 100m Tr. Intercepción; A. Mercado 12-27.V.2008 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 3 specimens (LSAM).

VENEZUELA:

"Venezu; ela; [without date]; [without collector]" 1 specimen (ZMHB).

COLOMBIA:

"Colomb.; Moritz; coll. J. Schmidt / *serenus*; Er." 1 specimen.

FRENCH GUIANA:

"FRENCH GUIANA; Saûl, 7 km N, Les Eaux Claires; 3°39'46"N,53°13'19"W, 220m; 3 JUN 1997, J. Ashe, R. Brooks; FG1AB97 130 ex: rotting squash / SM0094176; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA: Saül; 30.XI.2010; FIT 6; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 11.I.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA; 13.III.2011; Banane; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA; 03.IV.2011; Banane; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 14.IV.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Montagne des Chevaux; 30.VIII.2011; Banane; SEAG *leg.*" 1 specimen (DZUP); "Saül. 1977, Janvier col." 1 specimen (MPEG), "VIII/1979, G. Nazaret col." 1 specimen (CPND); "Ilê de Cayenne. (La Chaumière). 4/II/1978, G. Nazaret col." 1 specimen (CPND).

BRAZIL:

"Santa; Catharina / *Omalodes*; *serenus* Er.; Coll. Schmidt-; Bickhardt" 1 specimen (ZMHB); "Santa Leopoldina; Espírito Santo Brasil; H. Rolle, Berlin W. / *Omalodes*; *serenus* Er.; Coll. Schmidt-; Bickhardt" 1 specimen (ZMHB); "Pebas; Amazon. W. / *Omalodes*; *serenus* Er.; Coll. Schmidt-; Bickhardt" 1 specimen (ZMHB); "Serenus; Erichs.; Matto Gr.; Rodhe / *Omalodes*; *serenus* Erichs.; Matto gr. Rodhe; Coll. O. Thieme" 1 specimen (ZMHB); "Blumenau, Bras.; W. Müller / *Omalodes*; *gagatinus* Erichson; Det. R. L. Wenzel 1973" 1 specimen (ZMHB); "St. Catharina; Joinville; 1914 / Omalodes; anthracinus; mars.; Det. R. Wenzel 1969" 2 specimens (MZSP); "St. Catharina; Joinville; Schware; 1914 / Omalodes; anthracinus; mars.; Det. R. Wenzel 1969" 1 specimen (MZSP); "BR - R.J. – Angra dos Reis; Faz. Japuhyba; L.T.F. IX-1945" 3 specimens (MZSP);"BRAZIL RONDONIA; 62km SE Ariquemes; 15-22 Mar 1991; W. Hanson, G. Bohart / [red round label]" 1 specimen (PCKC);"BRAZIL, RO 160-350m; vic. CAUCALANDIA; 10deg 32'S 62deg 48'W; 26

OCT. 1991; JOHN R. MACDONALD / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]" 5 specimens (PCKC);"BRAZIL: Rondonia; Fazenda, Rancho Grande; 10°32'S, 62°48'W; XI.1991, S. Passoa" 2 specimens (PCKC);"Amapá. Serra do Navio. 3-4/IX/1996, P. Magno col." 13 specimens (MNRJ);"Pará. Serra Norte. 13/X/1986, J. Dias col." 1 specimen (MPEG); "Marajó-Breves. (Rio Caruacá). 22/II/1988, [without collector]" 1 specimen (MPEG); "Benevides. (408 Km-06). 14/V/1981, E. L. Oliveira col." 1 specimen (INPA); "Jacareacanga. XII/1968, M. Alvarenga col." 1 specimen (DZUP);"Amazonas. Benjamin Constant. (Rio Javari). I/1963, Dirings col." 4 specimens (MZSP);"Pernambuco. Caruaru. IV/1972, M. Alvarenga col." 1 specimen (DZUP); "Caruaru. (900m). V/1972, Joaquim Lima col." 1 specimen (DZUP);"Espírito Santo. Conceição da Barra. 4/VIII/1969, C. T. & C. Elias col." 1 specimen (DZUP);"26/VIII/1969, C. T.& C. Elias col." 1 specimen (DZUP);"10/IX/1969, C. T. & C. Elias col." 1 specimen (DZUP);"17/IX/1969, C. T. & C. Elias col." 6 specimens (DZUP);"25/IX/1969, C. T. & C. Elias col." 2 specimens (DZUP);"22/XI/1969, C. T. & C. Elias col." 2 specimens (DZUP);"29/XI/1969, C. T. & C. Elias col." 2 specimens (DZUP); "Linhares. 8-14/VIII/1972, M. Alvarenga col." 7 specimens (DZUP); "1-7/VIII/1972, C. Elias col." 9 specimens (DZUP); "8-14/VIII/1972, C. Elias col." 13 specimens (DZUP); "Santa Tereza. 7/XII/1964, C. Elias col." 2 specimens (DZUP); "11/XII/1964, C. T. & C. Elias col." 1 specimens (DZUP); "Rio de Janeiro. Guanabara. (Corcovado). 17/X/1975, M. A. Monné & Campos Seabra" 1 specimen (MNRJ); "Guanabara. (Represa Rio Grande). 5/X/1960, F. M. Oliveira col." 1 specimen (DZUP); "10/XI/1966, F. M. Oliveira col." 1 specimen (DZUP); "20/XII/1966, F. M. Oliveira col." 1 specimen (DZUP); "9/I/1967, F. M. Oliveira col." 3 specimen (DZUP); "5/X/1967, F. M. Oliveira col." 1 specimen (DZUP);"10/X/1967, F. M. Oliveira col." 6 specimen (DZUP); "Rio de Janeiro. I/1939, L. Tato col." 1 specimen (MNRJ); "Rio de Janeiro. (Jardim Botânico). 5/X/1930, Dario Mendes col." 1 specimen (MNRJ); "Jacarepaguá. 20/IV/1940, Newton Santos col." 1 specimen (MNRJ); "Itatiaia. (700m). 21/XI/1933, J. F. Zikán col." 1 specimen (INPA); "Teresópolis. 2-5/XII/1958, Martinez, Werner, Alvarenga & Seabra col." 1 specimen (DZUP);"São Paulo. Ilha de São Sebastião. [without date], [without collector]" 1 specimen (MZSP);"Paraná. Antonina. 19/I/1966, Marinoni & Azevedo col." 1 specimen (DZUP);"Santa Catarina. Timbó. II/1963, Dirings col." 2 specimens (MZSP).

PERU:

"Marcapata; Peru / M. N. Museum; Budapest" 1 specimen (ZMHB); "Marcapata; Peru / *Omalodes*; *gagatinus*; Er." 1 specimen (ZMHB); "Marcapata; Peru; [without date]; [without collector]" 1 specimen (ZMHB); "Marcapata; Peru / M. N. Muzeum; Budapest" 1 specimen (ZMHB); "Peru; Cumbax; [without date]; [without collector]" 1 specimen (ZMHB); "Marcapata; Peru; [without date]; [without collector]" 1 specimen (ZMHB); "PERU: Jauja Prov.; Junín Dept., Sani; Beni, 840m. ele.; 1-15 September 1935; Felix Woytkowski / *Omalodes*; *gagatinus*; Er.; 187 *det. S. Mazur*" 2 specimens (SMEK);"PERU: Jauja Prov.; Junín Dept., Sani; Beni, 840m ele.; 21-30 November 1935; Felix Woytkowski" 1 specimen (SMEK);"PERU: Jauja Prov.; Junín Dept., Sani; Beni, 840m ele.; 21-30 November 1935; Felix Woytkowski / *Omalodes*; *gagatinus*; Er.; 187 *det. S. Mazur*" 1 specimen (SMEK);"PERU: Huanuco; Tingo Maria region; 27 May-5 June 1937; F. Woytkowski" 4 specimens (SMEK);"PERU: Huanuco; Tingo Maria region; 6-14 June 1937; F. Woytkowski" 5 specimens (SMEK);"PERU: Huanuco; Tingo Maria region; 25 June-5 July 1937; F. Woytkowski" 9 specimens (SMEK);"PERU: Dpto. Loreto; Quebrada Orán ca 5km; N Rio Amazonas, 85km; NE Iquitos, el. 110m; VI-1984 L. J. Barkley / [blue round label]" 1 specimen (PCKC);"PERU: Dept. Loreto; 1.5km N Teniente Lopez; 2°35.66'S,76°06.92'W; 18 July 1993, 210-240 m; Richard Leschen #117; ex: flight intercept trap" 1 specimen (SMEK);"PERU: Ucayali Dept.; Tingo Maria-Pucalipa Rd.; Puente Chino, km 205, 1300m; 9°8'12"S,75°47'20"W; 11-14 OCT 1999, R. Brooks; PERU1B99 007A; ex: flight intercept trap / SM0143796; KUNHM-ENT" 1 specimen (SMEK);"PERU: Junin Dept.; La Marced, 9.5 km NE; La Merced-Villa Rica Rd.; 880m, 10°58.42'S,75°18.18'W; 15-21 OCT 1999, R. Brooks; PERU1B99 096; ex: flight intercept trap / SM0142600; KUNHM-ENT" 1 specimen (SMEK);"PERU: Junin Dept.; La Marced, 9.5 km NE; La Merced-Villa Rica Rd.; 880m, 10°58.42'S,75°18.18'W; 15-21 OCT 1999, R. Brooks; PERU1B99 096; ex: flight intercept trap / SM0142601; KUNHM-ENT" 1 specimen (SMEK);"PERU: Junin Dept.; La Marced, 9.5 km NE; La Merced-Villa Rica Rd.; 880m, 10°58.42'S,75°18.18'W; 15-21 OCT 1999, R. Brooks; PERU1B99 096; ex: flight intercept trap / SM0142604; KUNHM-ENT" 1 specimen (SMEK);"PERU: Junin Dept.; La Marced, 9.5 km NE; La Merced-Villa Rica Rd.; 880m, 10°58.42'S,75°18.18'W; 15-21 OCT 1999, R. Brooks; PERU1B99 096; ex: flight intercept trap / SM0142605; KUNHM-ENT" 1 specimen (SMEK);"PERU: Junin Dept.; La Marced, 9.5 km NE; La Merced-Villa Rica Rd.; 880m, 10°58.42'S,75°18.18'W; 15-21 OCT 1999, R. Brooks; PERU1B99 096; ex: flight intercept trap / SM0142606; KUNHM-ENT" 1 specimen (SMEK);"PERU: Junin Dept.; La Marced, 9.5 km NE; La Merced-Villa Rica Rd.; 880m, 10°58.42'S,75°18.18'W; 15-21 OCT 1999, R. Brooks; PERU1B99 096; ex: flight intercept trap / SM0142607; KUNHM-ENT" 1 specimen (SMEK);"PERU: Junin Dept.; La Marced, 9.5 km NE; La Merced-Villa Rica Rd.; 880m, 10°58.42'S,75°18.18'W; 15-21 OCT 1999, R. Brooks; PERU1B99 096; ex: flight intercept trap / SM0142608; KUNHM-ENT" 1 specimen (SMEK);"PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53'45"S,71°24'24"W;

17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0257586; KUNHM-ENT" 1 specimen (SMEK);"PERU: Dept. Madre de; Dios: Amazonas Lodge,; N Atalaya 12°52.2'S; 71°22.6'W, 480m; 10-13-XI-2007 D. Brzoska; ex: flight intercept trap; PER1B07 002 / SEMC0870087; KUNHM-ENT" 1 specimen (SMEK);"PERU: Dept. Junin:; Pampa Hermosa Lodge,; 22 km N San Ramón; 10°59.3'S 75°25.5W 1220m; 24-27-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 006 / SEMC0869073; KUNHM-ENT" 1 specimen (SMEK);"PERU: Dept. Junin:; Pampa Hermosa Lodge,; 22 km N San Ramón; 10°59.3'S 75°25.5W 1220m; 24-27-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 006 / SEMC0869074; KUNHM-ENT" 1 specimen (SMEK);"PERU: Dept. Junin:; Pampa Hermosa Lodge,; 22 km N San Ramón; 10°59.3'S 75°25.5W 1220m; 24-27-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 006 / SEMC0869076; KUNHM-ENT" 1 specimen (SMEK);"PERU: Dept. Junin:; Pampa Hermosa Lodge,; 22 km N San Ramón; 10°59.3'S 75°25.5W 1220m; 24-27-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 006 / SEMC0869080; KUNHM-ENT" 1 specimen (SMEK);"PERU: Dept. Junin:; Pampa Hermosa Lodge,; 22 km N San Ramón; 10°59.3'S 75°25.5W 1220m; 24-27-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 006 / SEMC0869082; KUNHM-ENT / *Omalodes*; *sp.*; A. K. Tishechkin det. 2007" 1 specimen (SMEK);"PERU: Dept. Junin:; Pampa Hermosa Lodge,; 22 km N San Ramón; 10°59.3'S 75°25.5W 1220m; 24-27-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 006 / SEMC0869483; KUNHM-ENT" 1 specimen (SMEK);"PERU: Dept. Junin:; Pampa Hermosa Lodge,; 22 km N San Ramón; 10°59.3'S 75°25.5W 1220m; 24-27-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 006 / SEMC0869682; KUNHM-ENT" 1 specimen (SMEK);"PERU: Dept. Junin:; Pampa Hermosa Lodge,; 22 km N San Ramón; 10°59.3'S 75°25.5W 1220m; 24-27-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 006 / SEMC0869683; KUNHM-ENT" 1 specimen (SMEK);"PERU: Dept. Junin:; Pampa Hermosa Lodge,; 22 km N San Ramón; 10°59.3'S 75°25.5W 1220m; 24-27-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 006 / SEMC0869684; KUNHM-ENT" 1 specimen (SMEK);"PERU: Dept. Junin:; Pampa Hermosa Lodge,; 22 km N San Ramón; 10°59.3'S 75°25.5W 1220m; 24-27-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 006 / SEMC0869685; KUNHM-ENT" 1 specimen (SMEK);"PERU: Dept. Junin:; Pampa Hermosa Lodge,; 22 km N San Ramón; 10°59.3'S 75°25.5W 1220m; 24-27-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 006 / SEMC0869686; KUNHM-ENT" 1 specimen (SMEK);"PERU: Dept. Junin:; Pampa Hermosa Lodge,; 22 km N San Ramón; 10°59.3'S 75°25.5W 1220m; 24-27-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 006 / SEMC0869687; KUNHM-ENT" 1 specimen (SMEK).

BOLIVIA:

"Bolivien; Prov. Sara Dep. St. Cruz; da La Sierra 500m; I-IV.1904; J. Steinbach S. V. / *Omalodes* Var.; *gagatinus* Erichson; Det. R. L. Wenzel 1973" 1 specimen (ZMHB); "BOLIVIA: Cochabamba; Cochabamba, 124 km E; Yungas, (Cochabamba -; Villa Tunari Rd., 1040m; 17°6'32"S,65°41'12"W; 1-6 FEB 1999, R. Hanley; BOL1H99 028; ex: flight intercept trap / SM0117977; KUNHM-ENT" 1 specimen (SMEK);"BOLIVIA: Cochabamba; Cochabamba, 124 km E; Yungas, (Cochabamba -; Villa Tunari Rd., 1040m; 17°6'32"S,65°41'12"W; 1-6 FEB 1999, R. Hanley; BOL1H99 028; ex: flight intercept trap / SM0117983; KUNHM-ENT" 1 specimen (SMEK);"BOLIVIA: Cochabamba; Cochabamba, 124 km E; Yungas, (Cochabamba -; Villa Tunari Rd., 730m; 17°3'54"S,65°38'43"W; 6-8 FEB 1999, R. Hanley; BOL1H99 047; ex: flight intercept trap / SM0118297; KUNHM-ENT" 1 specimen (SMEK);"BOLIVIA: Cochabamba; Cochabamba, 124 km E; Yungas, (Cochabamba -; Villa Tunari Rd., 730m; 17°3'54"S,65°38'43"W; 1-6 FEB 1999, R. Hanley; BOL1H99 029; ex: flight intercept trap / SM0161059; KUNHM-ENT" 1 specimen (SMEK);"BOLIVIA: Cochabamba; Cochabamba, 124 km E; Yungas, (Cochabamba -; Villa Tunari Rd., 730m; 17°3'54"S,65°38'43"W; 8-12 FEB 1999, R. Hanley; BOL1H99 074; ex: flight intercept trap / SM0117945; KUNHM-ENT" 1 specimen (SMEK);"BOLIVIA: Cochabamba; Cochabamba, 124 km E; Yungas, (Cochabamba -; Villa Tunari Rd., 730m; 17°3'54"S,65°38'43"W; 8-12 FEB 1999, R. Hanley; BOL1H99 074; ex: flight intercept trap / SM0117946; KUNHM-ENT" 1 specimen (SMEK);"BOLIVIA: Cochabamba; Cochabamba, 124 km E; Yungas, (Cochabamba -; Villa Tunari Rd., 730m; 17°3'54"S,65°38'43"W; 8-12 FEB 1999, R. Hanley; BOL1H99 074; ex: flight intercept trap / SM0117948; KUNHM-ENT" 1 specimen (SMEK);"BOLIVIA: Cochabamba; Cochabamba, 124 km E; Yungas, (Cochabamba -; Villa Tunari Rd., 730m; 17°3'54"S,65°38'43"W; 8-12 FEB 1999, R. Hanley; BOL1H99 074; ex: flight intercept trap / SM0117954; KUNHM-ENT" 1 specimen (SMEK).

PARAGUAY:

"PARAGUAY: Itapua; Yataí, prop. Hostettler family; San Rafael Reserve, 100m; 26°38'17"S,55°39'50"W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040; ex: flight intercept trap / SM0257799; KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; Yataí, prop. Hostettler family; San Rafael Reserve, 100m; 26°38'17"S,55°39'50"W; 21-25 NOV 2000, Z. H. Falin; PAR1F00 040; ex: flight intercept trap / SM0257802;

KUNHM-ENT" 1 specimen (SMEK);"PARAGUAY: Itapua; Yataí, prop. Hostettler family; San Rafael Reserve, 100m; 26°38'17"S,55°39'50"W; 25-26 NOV 2000, Z. H. Falin; PAR1F00 048A; ex: flight intercept trap / SM0256262; KUNHM-ENT" 1 specimen (SMEK).

Omalodes (*Omalodes*) *grossus* Marseul, 1853

USA:

"W. Cameron Co; Tex*D*. 2-VI-46; George B. Vogt / Rotten Opuntia; Lindheimeri; Engelm. / Omalodes; grossus; Mars.; A. Tishechkin det. 2002" 1 specimen (LSAM);"ARIZONA: Cochise Co.; Portal; 17-VIII-1973; L. L. Lampert; dead snake / Omalodes texanus; det. L. L. Lampert / Omalodes; grossus; Mars.; A. Tishechkin det. 2003" 1 specimen (LSAM);"AZ: Cochise Co.; Silver Creek Area; Blacklighting; July 14, 1992; Steve Lingafelter / *Omalodes*; *grossus*; det. K. T. Eldredge 2010" 1 specimen (SMEK).

MEXICO:

"Yucatan; G. F. Gaumer / *Omalodes*; *grossus*; Mars.; 187 *det. S. Mazur*" 1 specimen (SMEK);"Xilitla, S. L. P.; Mex. VII-23-54; 1450 ft. / Univ. Kansas; Mex.; Expedition" 1 specimen (SMEK);"Mexico, Sonora; 9mi. NNE Imu[ns]; 31 July 19[6]8; J. R. Alcorn / *Omalodes*; *grossus* Mars.; 187 *det. S. Mazur*" 1 specimen (SMEK);"MEXICO: S. L. P.,; El Banito; VI-22-1975 / UV light; LEWatrous / *Omalodes*; *grossus*; Marseul; det. P. Kovarik, 1995" 1 specimen (LSAM);"MEXICO, N. L., 2400'; 16mi, W Linares, Hwy.; 58, IX-11-1982 C.W. &L. O'Brien & G. Wibmer"1 specimen (PCKC);"MEXICO: Chiapas; Cacaohatan, La; Victoria, 14.XI.82; Cafetal, Alt. 430m.; M. A. Morón col. NTP / [yellow round label]" 1 specimen (PCKC);"MEXICO: Chiapas Bora; del Chajul. 29.IV.84; Cacaotal. Necrotram-; pa. / [yellow round label]" 2 specimens (PCKC); "MEXICO: Chiapas Bora; del Chajul. Cacaotal.; 29.IV.84; Necrotrampa / [yellow round label]" 1 specimen (PCKC);"MEXICO: Morelos; Jojutla, Cerro del / Higuerón, 15-IX-84; NTP-80, A. C. Deloya / [yellow round label]" 1 specimen (PCKC);"MEXICO: Guerrero,; Mochitlán, Acahuizotla,; Alt. 750m. 19-VI-85; Bosque tropical Necrotr.; bajo caducifolio; L. Delgado, coll. / [yellow round label]" 1 specimen (PCKC);"MEXICO Jalisco; Chamela 1/8-X-; 85 F. D. Parker; T. L. Griswold / [rd round label]" 1 specimen (PCKC);"MEXICO: Guerrero,; Mochitlán, Acahuizotla,; Alt. 650m. VII.86; Bosque tropical Carpotr.; med. Subpeerenifolio; L. Delgado, col. Fnita / *Yarmister sp.* / [yellow round label]" 1 specimen (PCKC);"MEXICO: Guerrero, 80km; al 5 de Iguala. VIII-88; Selva baja caducifolia.; Caminando en el suelo, terre-; no semiabierto 1400hrs; Deloya, Quiroa y Delgado cols. / [yellow round label]" 1 specimen (PCKC); "MEXICO: Morelos; Tepoztlan Tecmilco; Altitud: 1.750m SNM; VI-90 NTP-80; A. C. Deloya, col. / [yellow round label]" 2 specimens (PCKC);"MEXICO: Taumalipas; 10km W Antiguo; Morelas, Hwy. 80, 6 July; 1990, 470m, J. S. Ashe; K. J. Ahn, R. Leschen #53; ex, pile of rotting cactus" 1 specimen (SMEK);"MEXICO: Taumalipas; 10km W Antiguo; Morelas, Hwy. 80, 6 July; 1990, 470m, J. S. Ashe; K. J. Ahn, R. Leschen #53; ex, pile of rotting cactus / *Omalodes*; *grossus*; *det. S. Mazur*" 1 specimen (SMEK);"MEXICO: Chiapas, El; Sumidero Nat'l Parl; 4 June 1991, 700m; J. Ashe, ex: fermenting; fruit / *Omalodes*; *grossus*; *det. S. Mazur*" 1 specimen (SMEK);"MEXICO: Veracruz,; 1km al E de; Jalcomulco, NTP-80; Alt. 500m, 30-VII-92; Selva Baja Caduci.; Luis Quiroz, col. / [yellow round label]" 1 specimen (PCKC);"MEX Jalisco; Chamela, vic UNAM; 9-19 VII 1993; JE Wappes / Omalodes; grossus; Mars.; A. Tishechkin det. 2003" 1 specimen (LSAM);"Estacion de Biologia; Chamela, Jalisco,; Mex. 20-VII-1994; Coll. John D. McCarty / Omalodes; grossus; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"MEXICO: Oaxaca; S. de Juárez, 800m; 2 al 4-VI-95; G. Nogueira col. / [yellow round label]" 1 specimen (PCKC);"MEXICO: Jalisco, Mpio.; LaHuerta, Chamela Biol.; Sta., VII-28-31-1996; Coll. W. Godwin; hanging bait trap with; mango/watermelon / Omalodes; grossus Mars.; A. Tishechkin det. 2001" 1 specimen (LSAM);"MEXICO: Jalisco, San; Cristobal de la Barranca,; Rancho El Tablón. 850m; 21°3'36"N 103°25'50"W; 31.vii.2004. F.I.T. Nicolalde,; Carillo & Vaz-de-Mello / Omalodes; grossus; A. Tishechkin det. 2004" 1 specimen (LSAM);"MEXICO: Guerrero; Tixtla, 1600m; NTP-80. 1/30-VII-00; Y. C. Rabadan col. / [yellow round label]" 3 specimens (PCKC);"MEXICO. Colima, Ixtlahuacán, Km 2; carr. Ixtlahuacán, 31.VIII-8.IX.2001, BTC,; 411m, ex. trampa de fruta, 19°03'41"N, 103°46'53"W; H. Fierros y J. L. Navarrete col. / [lightgreen round label]" 2 specimens (PCKC);"MEXICO. Jalisco, La Huerta, Chamela; Rio Chamela, 12m, BTC, 31.VIII-8.IX.2001,; ex. Trampa de fruta 19°31'27"N, 105°02'13"W,; H. Fierros y J. L. Navarrete col. / [lightgreen round label]" 3 specimens (PCKC).

BELIZE:

"BELIZE: Cayo Dist.; Las Cuevas Rsch. Sta. 580m; N 16°43.971' W 88°59.196'; 1-4-VI-2008, Ratcliffe,; Cave, Jameson, Orozo / *Omalodes*; *grossus*; Marseul; A. K. Tishechkin det. 2012" 1 specimen (LSAM).

GUATEMALA:

"Guatemala; Retalhuleu; June 18-23, 1986 / Omalodes; grossus; Mars.; A. Tishechkin det. 2003" 1 specimen (LSAM);"Guatemala; Retalhuleu; June 18-23, 1986 / *Omalodes*; grossus; A. K. Tishechkin det. 2007" 1 specimen (LSAM).

HONDURAS:

"La Lima; Honduras; 2 X 1 1972; L. H. Rolston / [blue round label]" 1 specimen (PCKC);"HONDURAS; San Pedro Sula; 23 Feb 1979; G. E. Bohart / [red round label]" 12 specimens (PCKC);"Lancetilla, Hond.; 16-10-80 / 25781; clase81 / Mankins coll." 1 specimen (PCKC);"Honduras: Depto.; Atlantida: Finca; Ulua 22.iii.1993; Coll. D. R. Ganaway / coll: under; rotten bananas / [blue round label]" 24 specimens (PCKC);"HONDURAS: Choluteca; Cerro Guanacaure; 4 June 1993; R. Turnbow" 1 specimen (PCKC);"HONDURAS: Francisco; Morazán, Zamorano; 7 June 1994; 14°N,87°W, 820m; J. Ashe, R. Brooks #028; ex: breadfruit fall" 4 specimens (SMEK);"HONDURAS: El Paraiso; Cerro Monserrat; 18 May 1995; R. Turnbow" 1 specimen (PCKC);"HONDURAS: F. Moraz.; El Zamorano, EAP; 11.VI.1994 850m; B. D. Gill / Omalodes; grossus; Mars.; A. Tishechkin det. 2001" 1 specimen (LSAM);"HONDURAS: Atlantida; Lancetilla Bot. Grd., Tela; 10m, 22 June 1994; 15°46'N,87°27'W; J. Ashe, R. Brooks #182" 3 specimens (SMEK).

EL SALVADOR:

"La Libertad, El Sal.; 10m; 24-VI-1972; No. 2982; Leg. S. & L. Steinhauser / *Omalodes*; grossus; A. K. Tishechkin det. 2007" 1 specimen (LSAM);"La Libertad, El Sal.; 10m; 24-VI-1972; No. 2988; Leg. S. & L. Steinhauser / *Omalodes*; grossus; A. K. Tishechkin det. 2007" 1 specimen (LSAM).

NICARAGUA:

"NICARAGUA: Masaya; Laguna del Apoyo; 10-15 Dec 1991; E. van den Berghe / [blue round label]" 4 specimens (PCKC);"NICARAGUA: Masaya; Laguna de Apoyo; 10-15 Jan 1992; E. van den Berghe; blacklight / [blue round label]" 1 specimen (PCKC);"NICARAGUA: Masaya; Laguna del Apoyo; 15-26 Jan 1992; E. van den Berghe / [blue round label]" 7 specimens (PCKC);"NICARAGUA: Masaya; Laguna del Apoyo; 7 February 1992; E. van den Berghe / [blue round label]" 4 specimens (PCKC);"NICARAGUA:; Masaya District; Laguna de Apoyo; Sept 28 1993; E. van den Berghe / [blue round label]" 1 specimen (PCKC);"NICARAGUA: Granada Dept.; Reserva Domitila, 100m, 11°42.50'N; 85°57.20W, 6-9-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex: flight; intercept trap NIC1BF002 255 / SM0537525; KUNHM-ENT / *Omalodes*; *sp*; Det. M. Caterino 2003" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Reserva Domitila, 100m, 11°42.50'N; 85°57.20W, 6-9-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex: flight; intercept trap NIC1BF002 255 / SM0537780; KUNHM-ENT" 1 specimen (SMEK).

COSTA RICA:

"COSTA RICA; Guanacaste Prov.; 6mi, S. 6mi, W.; Cañas Taboga; 10°19'N, 85°09'W; VI-30-1966; OTS Adv.Zon.Course / D. F. Veira; Collector / [red round label]" 1 specimen (PCKC);"Canas, Guanacaste; 150ft. Costa Rica; VII-13-1966 S. L. W. / *Omalodes*; grossus; Mars.; A. Tishechkin det. 2006" 1 specimen (LSAM);"COSTA RICA: Guanacaste; Province, 20km N Canas; Comelco Ranch; 29.VII.1976" 1 specimen (PCKC);"COSTA RICA S.J.; San Jose; 2-5 Aug 1987; F. D. Parker / [red round label]" 1 specimen (PCKC);"COSTA RICA Cartago; 4km E Tres Rios, EAO; F.D.Parker, J.B.Welch; F.Ramirez 14 VI 1988 / [red round label]" 1 specimen (PCKC);"COSTA RICA Guan.; S. Cañas Exp Sta; 1-8 Aug 1988; F. D. Parker / [red round label]" 3 specimens (PCKC);"COSTA RICA S.J.; Escazu; 21-26 May 1989; F. D. Parker / [red round label]" 2 specimens (PCKC);"COSTA RICA S.J.; Escazu; 28-31 May 1989; F. D. Parker / [red round label]" 4 specimens (PCKC);"COSTA RICA S.J.; Escazu; 20 Jun-14 Jul 89; F. D. Parker / [red round label]" 2 specimens

(PCKC);“COSTA RICA Ala.; 7mi NW Fortuna; 20 Jul 1989; F. D. Parker / [red round label]” 1 specimen (PCKC);“COSTA RICA S. J.; Escazu; 20-28 Aug 1988; F. D. Parker / [red round label]” 1 specimen (PCKC);“COSTA RICA S. J.; Escazu; 20 Jun-14 Jul 89; F. D. Parker / [red round label]” 1 specimen (PCKC).

PANAMA:

“PANAMA Pnm Prv.; 10km E Canita; 1-9-VII-1997; Wappes & Morris / feces baited; pitfall trap” 2 specimens (PCKC);“PANAMA: Colón Pr., San; Lorenzo Forest. 9°17’N; 79°58’W. Flight Intercept; FIT-B2-2. 3-4.X.2003; A. Tishechkin – IBISCA’03 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010” 2 specimens (LSAM);“PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12’ W 79°59’ Pastizal B; Dist. 10m Tr. Intercepción; A. Mercado 17-31.X.2007 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010” 1 specimen (LSAM);“PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12’ W 79°59’ Pastizal C; Dist. 0m Tr. Intercepción; A. Mercado 18-31.X.2007 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010” 1 specimen (LSAM);“PANAMA: Prov. Colón; Achiote - PN San Lorenzo; N 09°12’ W 79°58’ Cafetal A; Dist. -50m Tr. Intercepción; A. Mercado 11-26.I.2008 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010” 2 specimens (LSAM);“PANAMA: Prov. Colón; Achiote – PN San Lorenzo; N 09°12’ W 79°59’ Cafetal A; Dist. 10m Tr. Intercepción; A. Mercado 16.III-1.VI.2008 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010” 1 specimen (LSAM).

Omalodes (*Omalodes*) *laevicollis* Bickhardt, 1911

ECUADOR:

“ECUADOR: Napo; Hacienda Aragon; (Sierra Azul) 2,200m; 17.II-26.III.1996 P. J.; Hibbs, collector, FIT / 0.67°S; 77.92°W” 6 specimens (PCKC);“ECUADOR: Napo, 2300m; Sierra Azul, Hacienda Aragon; 0°40’0”S, 77°55’0”W; 17 FEB-26 MAR 1996; ECU1H96 009, P. Hibbs; ex: flight intercept trap / SM0089473; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Napo, 2300m; Sierra Azul, Hacienda Aragon; 0°40’0”S, 77°55’0”W; 17 FEB-26 MAR 1996; ECU1H96 009, P. Hibbs; ex: flight intercept trap / SM0089474; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Napo, 2300m; Sierra Azul, Hacienda Aragon; 0°40’0”S, 77°55’0”W; 17 FEB-26 MAR 1996; ECU1H96 009, P. Hibbs; ex: flight intercept trap / SM0089475; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Napo, 2300m; Sierra Azul, Hacienda Aragon; 0°40’0”S, 77°55’0”W; 17 FEB-26 MAR 1996; ECU1H96 009, P. Hibbs; ex: flight intercept trap / SM0089476; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Napo, 2300m; Sierra Azul, Hacienda Aragon; 0°40’0”S, 77°55’0”W; 17 FEB-26 MAR 1996; ECU1H96 009, P. Hibbs; ex: flight intercept trap / SM0092993; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Napo, 2300m; Sierra Azul, Hacienda Aragon; 0°40’0”S, 77°55’0”W; 17 FEB-26 MAR 1996; ECU1H96 009, P. Hibbs; ex: flight intercept trap / SM0092995; KUNHM-ENT” 1 specimen (SMEK); “ECUADOR: Napo, Cosanga; 4.2km S on Baaza-Tena; Road then 1.5km W on pipeline; access road, 2150m; 0°37’19”S, 77°50’1”W; 5-7 NOV 1999, Z. H. Falin; ECU1F99 123 flight intercept trap / SM0354336; KUNHM-ENT” 1 specimen (SMEK).

BOLIVIA:

“BOLIVIA: Cochabamba; Cochabamba, 105 km E; Yungas, nr. Rio; Carmen Mayu (Cochabamba-; Villa Tunari Rd.), 1750m; 17°8’51”S, 65°43’50”W; 8-12 FEB 1999, R. Hanley; BOL1H99 071; ex: flight intercept trap / SM0167841; KUNHM-ENT” 1 specimen (SMEK).

Omalodes (*Omalodes*) *lapsans* Marseul, 1861

MEXICO:

“MEXICO: Chiapas; El Aguacero; 25 June 1990; R. Turnbow” 1 specimen (PCKC); “MEXICO, Jal. UNAM; Biol. Sta. Chamela; 200’ 11 Aug 1982 C W &; L O’Brien & G Wibner” 1 specimen (PCKC).

BELIZE:

"BELIZE: Orange Walk; Dist. Rio Bravo Cons.; Area, Texas Camp env.; 16-19.IV.1995, P. Kovarik; flight intercept traps / *Omalodes*; *grossus*; Marseul; det. P. Kovarik, 1999" 1 specimen (PCKC).

COSTA RICA:

"COSTA RICA S. J.; Escazu; 21-26 May 1989; F. D. Parker / [red round label]" 1 specimen (PCKC).

Omalodes (*Omalodes*) *lucidus* Erichson, 1834

FRENCH GUIANA:

"FRENCH GUIANA; Matoury, 41.5 km SSW on Hwy N2; 4°37'22" N, 52°22'35"W, 50m; 29 MAY-9 JUN 1997, J. Ashe, R. Brooks; FG1AB97 170 ex: flight intercept trap / SM0096534; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Cayenne, 33.5 km S and; 8.4 km NW of Hwy N2 on Hwy D5; 4°48'18"N, 52°28'41"W, 30m; 26-28 MAY 1997, J. Ashe, R. Brooks; FG1AB97 059 ex: flight intercept trap / SM0098630; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Cayenne, 33.5 km S and; 8.4 km NW of Hwy N2 on Hwy D5; 4°48'18"N, 52°28'41"W, 30m; 26-28 MAY 1997, J. Ashe, R. Brooks; FG1AB97 059 ex: flight intercept trap / SM0099114; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Cayenne, 33.5 km S and; 8.4 km NW of Hwy N2 on Hwy D5; 4°48'18"N, 52°28'41"W, 30m; 26-28 MAY 1997, J. Ashe, R. Brooks; FG1AB97 059 ex: flight intercept trap / SM0099484; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Cayenne, 33.5 km S and; 8.4 km NW of Hwy N2 on Hwy D5; 4°48'18"N, 52°28'41"W, 30m; 26-28 MAY 1997, J. Ashe, R. Brooks; FG1AB97 059 ex: flight intercept trap / SM0099510; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Cayenne, 33.5 km S and 8.4 km; NW of Hwy N2 on Hwy D5, 30m; 4°48'18"N, 52°28'41"W; 29 MAY-9 JUN 1997, J. Ashe, R. Brooks; FG1AB97 171 ex: flight intercept trap / SM0096536; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Cayenne, 33.5 km S and 8.4 km; NW of Hwy N2 on Hwy D5, 30m; 4°48'18"N, 52°28'41"W; 29 MAY-9 JUN 1997, J. Ashe, R. Brooks; FG1AB97 171 ex: flight intercept trap / SM0100968; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Cayenna, 33.5 km S and 8.4 km; NW of Hwy N2 on Hwy D5, 30m; 4°48'18"N, 52°28'41"W; 29 MAY-9 JUN 1997, J. Ashe, R. Brooks; FG1AB97 171 ex: flight intercept trap / SM0131250; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Cayenna, 33.5 km S and 8.4 km; NW of Hwy N2 on Hwy D5, 30m; 4°48'18"N, 52°28'41"W; 29 MAY-9 JUN 1997, J. Ashe, R. Brooks; FG1AB97 171 ex: flight intercept trap / SM0131444; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Cayenna, 33.5 km S and 8.4 km; NW of Hwy N2 on Hwy D5, 30m; 4°48'18"N, 52°28'41"W; 29 MAY-9 JUN 1997, J. Ashe, R. Brooks; FG1AB97 171 ex: flight intercept trap / SM0131445; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Cayenne, 33.5 km S and 8.4 km; NW of Hwy N2 on Hwy D5, 30m; 4°48'18"N, 52°28'41"W; 29 MAY-9 JUN 1997, J. Ashe, R. Brooks; FG1AB97 171 ex: flight intercept trap / SM0131447; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Cayenne, 33.5 km S and 8.4 km; NW of Hwy N2 on Hwy D5, 30m; 4°48'18"N, 52°28'41"W; 29 MAY-9 JUN 1997, J. Ashe, R. Brooks; FG1AB97 171 ex: flight intercept trap / SM0131448; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Cayenne, 33.5 km S and 8.4 km; NW of Hwy N2 on Hwy D5, 30m; 4°48'18"N, 52°28'41"W; 29 MAY-9 JUN 1997, J. Ashe, R. Brooks; FG1AB97 171 ex: flight intercept trap / SM0131449; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Roura, 18.4 km SSE, 240m; 4°36'38"N, 52°13'25"W; 29 MAY-10 JUN 1997, J. Ashe, R. Brooks; FG1AB97 180 ex: flight intercept trap / SM0131526; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA; Roura, 27.4 km SSE, 280m; 4°44'20"N, 52°13'25"W; 10 JUN 1997, J. Ashe, R. Brooks; FG1AB97 177 ex: flight intercept trap / SM0132090; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA:; Wanaboo (near Nason),; Marowijne River, 40m; 4°43'35"N, 54°26'36"W; 31 MAY-5 JUN 1999, Z. H. Falin,; B. DeDijn SUR1F99 032; ex: flight intercept trap / SM0184788; KUNHM-ENT" 1 specimen (SMEK);"FRENCH GUIANA: Reserve des Nouragues; 06.V.2010; 4°02'16"N 52°40'21"O; SEAG *leg.*" 8 specimens (DZUP);"FRENCH GUIANA: NCV; 07.II.2010; Banane; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 26.VIII.2010; FIT; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 26.VIII.2010; V3; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 17.V.2010; NOUR; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: MCV; 22.V.2010; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 02.IX.2010; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 17.IX.2010; FIT 4; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 30.IX.2010; FIT 4; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA:

Saül; 06.X.2010; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 21.X.2010; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 21.X.2010; V4; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 29.X.2010; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 05.XI.2010; FIT 3; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 09.XI.2010; NOUR – camp I; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 17.XI.2010; FIT 6; SEAG *leg.*" 4 specimens (DZUP);"FRENCH GUIANA: Saül; 30.XI.2010; SEAG *leg.*" 5 specimens (DZUP);"FRENCH GUIANA: Saül; 30.XI.2010; FIT 6; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Saül; 20.XII.2010; SEAG *leg.*" 4 specimens (DZUP);"FRENCH GUIANA: Montagne des Chevaux; 02.I.2011; Banane; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: NVC; 09.I.2011; Banane; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 11.I.2011; FIT 4; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 11.I.2011; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Saül; 17.I.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 17.I.2011; V4; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Saül; 24.I.2011; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 24.I.2011; FIT 4; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 24.I.2011; FIT 6; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 31.I.2011; Vitre 6; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 31.I.2011; Banane; SEAG *leg.*" 8 specimens (DZUP);"FRENCH GUIANA: Saül; 07.II.2011; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Saül; 14.II.2011; SEAG *leg.*" 5 specimens (DZUP);"FRENCH GUIANA: Saül; 14.III.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 30.III.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 14.IV.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 21.IV.2011; SEAG *leg.*" 6 specimens (DZUP);"FRENCH GUIANA: Nouragues – Inselberg; 29.IV.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 06.V.2011; Banane 1B; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 13.V.2011; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Nouragues - Inselberg; 29.IV.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Nouragues - Inselberg; 03.VI.2011; SEAG *leg.*" 12 specimens (DZUP);"FRENCH GUIANA: Nouragues - Inselberg; 07.VI.2011; SEAG *leg.*" 4 specimens (DZUP);"FRENCH GUIANA; 16.VII.2011; Banane; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Montagne des Chevaux; 30.VIII.2011; Banane; SEAG *leg.*" 2 specimens (DZUP); "Ile de Cayenne. 21/IX/1976, N. Degallier col." 2 specimens (MPEG); "Saül. 10/VIII/1980, M. Maylin col." 1 specimen (CPND).

SURINAME:

"SURINAME: Marowijne; Perica, 70 km E Paramaribo; on East-West Road, 5m; 5°40'28"N, 54°36'31"W; 29-30 MAY 1999, Z. H. Falin,; B. DeDijn, SUR1F99 001; ex: flight intercept trap / SM0176641; KUNHM-ENT" 1 specimen (SMEK);"SURINAME: Marowijne; Perica, 70 km E Paramaribo; on East-West Road, 5m; 5°40'28"N, 54°36'31"W; 29-30 MAY 1999, Z. H. Falin,; B. DeDijn, SUR1F99 001; ex: flight intercept trap / SM0176642; KUNHM-ENT" 1 specimen (SMEK);"SURINAME: Marowijne; Perica, 70 km E Paramaribo; on East-West Road, 5 km; 5°40'28"N, 54°36'31"W; 31 MAY-5 JUN 1999, Z. H. Falin,; B. DeDijn SUR1F99 034; ex: flight intercept trap / SM0182560; KUNHM-ENT" 1 specimen (SMEK);"SURINAME: Marowijne; Perica, 70 km E Paramaribo; on East-West Road, 5 km; 5°40'28"N, 54°36'31"W; 31 MAY-5 JUN 1999, Z. H. Falin,; B. DeDijn SUR1F99 034; ex: flight intercept trap / SM0182564; KUNHM-ENT" 1 specimen (SMEK);"SURINAME: Saramacca; West Suriname Road, 139 km; WSW Zanderij Airport, ca 40-50m; 5°9"N, 56°4'W 10-14 JUN 1999; Z. H. Falin, B. DeDijn; SUR1F99 075, ex: flight intercept trap / SM0167171; KUNHM-ENT" 1 specimen (SMEK);"SURINAME: Saramacca; West Suriname Road, 139 km; WSW Zanderij Airport, ca 40-50m; 5°9"N, 56°4'W 10-14 JUN 1999; Z. H. Falin, B. DeDijn; SUR1F99 075, ex: flight intercept trap / SM0167172; KUNHM-ENT" 1 specimen (SMEK);"SURINAME: Saramacca; West Suriname Road, 139 km; WSW Zanderij Airport, ca 40-50m; 5°9"N, 56°4'W 10-14 JUN 1999; Z. H. Falin, B. DeDijn; SUR1F99 075, ex: flight intercept trap / SM0178241; KUNHM-ENT" 1 specimen (SMEK);"SURINAME: Saramacca; West Suriname Road, 139 km; WSW Zanderij Airport, ca 40-50m; 5°9"N, 56°4'W 10-14 JUN 1999; Z. H. Falin, B. DeDijn; SUR1F99 075, ex: flight intercept trap / SM0178242; KUNHM-ENT" 1 specimen (SMEK);"SURINAME: Saramacca; West Suriname Road, 139 km; WSW Zanderij Airport, ca 40-50m; 5°9"N, 56°4'W 10-14 JUN 1999; Z. H. Falin, B. DeDijn; SUR1F99 075, ex: flight intercept trap / SM0178243; KUNHM-ENT" 1 specimen (SMEK);"SURINAME: Para; Carolina Creek, 11 km SE; Zanderij Airport, 30m; 5°23'36"N, 55°9'29"W; 18-20 JUN 1999, Z. H. Falin,; A. Gangadin SUR1F99 087; ex: flight intercept trap / SM0179551; KUNHM-ENT" 1 specimen (SMEK);"SURINAME: Brokopondo; Brownsberg Nature Preserve,; Witi Creek Trail, 80m; 4°56'55"N, 55°10'53"W; 23-25 JUN 1999, Z. H. Falin,; A. Gangadin, H. Hiwat; SUR1F99 117 ex: flight intercept trap / SM0178641; KUNHM-ENT / *Omalodes*; *sp.*; A. Tishechkin det. 2006" 1 specimen (SMEK);"SURINAME: Marowijne; Palumeu, 15 km E on Tapanahony; River trail to Poli Hills; ca 160m, 3°27'N, 55°22'W; 6-7 JUL 1999, Z. H. Falin, D. Konoe; SUR1F99 168, ex: flight intercept trap / SM0175812; KUNHM-ENT" 1 specimen (SMEK).

GUYANA:

"GUYANA: Region 8; Iwokrama Forest, 1 km W Kurupukari; Iwokrama Field Stn., 60m; 4°40'19"N,58°41'4"W, 20-25 MAY 2001; R. Brooks, Z. Falin GUY1BF01 034; ex: flight intercept trap / SM0565803; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, 1 km W Kurupukari; Iwokrama Field Stn., 60m; 4°40'19"N,58°41'4"W, 20-25 MAY 2001; R. Brooks, Z. Falin GUY1BF01 034; ex: flight intercept trap / SM0565827; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, 1 km W Kurupukari; Iwokrama Field Stn., 60m; 4°40'19"N,58°41'4"W, 20-25 MAY 2001; R. Brooks, Z. Falin GUY1BF01 034; ex: flight intercept trap / SM0565838; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, 1 km W Kurupukari,; Iwokrama Field Stn., 60m; 4°40'19"N, 58°41'4"W, 20-25 MAY 2001; R. Brooks, Z. Falin GUY1BF01 034; ex: flight intercept trap / SM0565814; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, 1 km W Kurupukari,; Iwokrama Field Stn., 60m; 4°40'19"N, 58°41'4"W, 20-25 MAY 2001; R. Brooks, Z. Falin GUY1BF01 034; ex: flight intercept trap / SM0565817; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, 1 km W Kurupukari,; Iwokrama Field Stn., 60m; 4°40'19"N, 58°41'4"W, 21 MAY 2001; R. Brooks, Z. Falin GUY1BF01 005; ex: *Acromyrmex hystrix* refuse pile / SM0568630; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, 1 km W Kurupukari,; Iwokrama Field Stn., 60m; 4°40'19"N, 58°41'4"W, 21 MAY 2001; R. Brooks, Z. Falin GUY1BF01 005; ex: *Acromyrmex hystrix* refuse pile / SM0568678; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, Pakatau hills; 70m 4°44'54"N, 59°1'36"W; 25-29 MAY 2001 R. Brooks; Z. Falin GUY1BF01 061; ex: flight intercept trap / SM0569268; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, Pakatau hills; 70m 4°44'54"N, 59°1'36"W; 25-29 MAY 2001 R. Brooks; Z. Falin GUY1BF01 061; ex: flight intercept trap / SM0569273; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, Pakatau hills; 70m 4°44'54"N, 59°1'36"W; 25-29 MAY 2001 R. Brooks; Z. Falin GUY1BF01 061; ex: flight intercept trap / SM0569278; KUNHM-ENT"1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, Pakatau hills; 70m 4°44'54"N, 59°1'36"W; 25-29 MAY 2001 R. Brooks; Z. Falin GUY1BF01 061; ex: flight intercept trap / SM0569274; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, Pakatau hills; 70m 4°44'54"N, 59°1'36"W; 25-29 MAY 2001 R. Brooks; Z. Falin GUY1BF01 061; ex: flight intercept trap / SM0569280; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, 1 km W Kurupukari; Iwokrama Field Stn., 60m; 4°40'19"N,58°41'4"W, 26-29 MAY 2001; R. Brooks, Z. Falin GUY1BF01 064; ex: flight intercept trap / SM0565437; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, Turtle Mt. base; camp, 50m 4° 43'5"Nm 58°43'5"W; 30 MAY-1 JUN 2001, R. Brooks,; Z. Falin GUY1BF01 098; ex: flight intercept trap / SM0568476; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, 1 km W Kurupukari; Iwokrama Field Stn., 60m; 4°40'19"N,58°41'4"W, 30 MAY-2 JUN 2001; R. Brooks, Z. Falin GUY1BF01 115; ex: flight intercept trap / SM0566982; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, 1 km W Kurupukari,; Iwokrama Field Stn., 60m; 4°40'19"N, 58°41'4"W, 30 MAY-2 JUN 2001; R. Brooks, Z. Falin GUY1BF01 115; ex: flight intercept trap / SM0566953; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, Kabocalli Field; Stn., 60m 4°17'4"N, 58°30'35"W; 3-5 JUN 2001, R. Brooks, Z. Falin; GUY1BF01 146 ex: flight intercept trap / SM0573045; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, Kabocalli Field; Stn., 60m 4°17'4"N, 58°30'35"W; 3-5 JUN 2001, R. Brooks, Z. Falin; GUY1BF01 146 ex: flight intercept trap / SM0573052; KUNHM-ENT" 1 specimen (SMEK);"GUYANA: Region 8; Iwokrama Forest, Kabocalli Field; Stn., 60m 4°17'4"N, 58°30'35"W; 4 JUN 2001, R. Brooks, Z. Falin; GUY1BF01 132 ex: palm flower fall / SM0552589; KUNHM-ENT" 1 specimen (SMEK).

ECUADOR:

"ECUADOR: Napo; Yuturi Lodge, Rio Napo, 270m; 0°32'54"S, 76°2'18"W; 20-21 MAR 1999, R. Brooks, D. Brzoska; ECU1B99 010 ex: flight intercept trap / SM0155610; KUNHM-ENT" 1 specimen (SMEK);"ECUADOR: Napo; Yuturi Lodge, Rio Napo, 270m; 0°32'54"S, 76°2'18"W; 20-21 MAR 1999, R. Brooks, D. Brzoska; ECU1B99 010 ex: flight intercept trap / SM0155606; KUNHM-ENT" 1 specimen (SMEK);"ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28'14"S, 76°27'35"W; 21-24 MAR 1999, R. Brooks; ECU1B99 047; ex: flight intercept trap / SM0153758; KUNHM-ENT" 1 specimen (SMEK);"ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28'14"S, 76°27'35"W; 21-24 MAR 1999, R. Brooks; ECU1B99 047; ex: flight intercept trap / SM0153759; KUNHM-ENT" 1 specimen (SMEK);"ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28'14"S, 76°27'35"W; 21-24 MAR 1999, R. Brooks; ECU1B99 047; ex: flight intercept trap / SM0154555; KUNHM-ENT" 1 specimen

(SMEK);“ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28’14”S, 76°27’35”W; 21-24 MAR 1999, R. Brooks; ECU1B99 047; ex: flight intercept trap / SM0154566; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28’14”S, 76°27’35”W; 21-24 MAR 1999, R. Brooks; ECU1B99 047; ex: flight intercept trap / SM0157616; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28’14”S, 76°27’35”W; 21-24 MAR 1999, R. Brooks; ECU1B99 047; ex: flight intercept trap / SM0157621; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28’14”S, 76°27’35”W; 21-24 MAR 1999, R. Brooks; ECU1B99 047; ex: flight intercept trap / SM0157633; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28’14”S, 76°27’35”W; 21-24 MAR 1999, R. Brooks; ECU1B99 047; ex: flight intercept trap / SM0157637; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28’14”S, 76°27’35”W; 21-24 MAR 1999, R. Brooks; ECU1B99 047; ex: flight intercept trap / SM0157638; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28’14”S, 76°27’35”W; 23 MAR 1999, R. Brooks; ECU1B99 024; ex: fruit fall / SM0154170; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28’14”S, 76°27’35”W; 23 MAR 1999, R. Brooks; ECU1B99 024; ex: flight intercept trap / SM0154186; KUNHM-ENT” 1 specimen (SMEK);“ECUADOR: Sucumbios; Sacha Lodge, 270m; 0°28’14”S, 76°27’35”W; 23 MAR 1999, R. Brooks; ECU1B99 024; ex: fruit fall / SM0154206; KUNHM-ENT” 1 specimen (SMEK).

BRAZIL:

“BRAZIL, RO 160-350m; vic. Caucalandia; 10°32’S 62°48’W; 16 Oct 1991; Leg. J. MacDonald / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]” 1 specimen (PCKC);“BRAZIL: RO 160-350m; vic. CAUCALANDIA; 10deg 32’S 62deg 48’W; 25 OCT. 1991; John R. MacDonald / *Omalodes sp.*; A, Tishechkin det. 1997 / [green round label]” 1 specimen (PCKC);“BRAZIL: Rondonia,; 62km SW Ariquemes; nr. Fzda. Rancho Grande; 4-16.XI.1997, J. E. Eger; fish carrion pitfall trap” 1 specimen (PCKC); “Amazonas; Javarete; XII-1936; Camargo Coll. / Omalodes; lucidus; Er.; Det. R. Wenzel 1969” 2 specimens (MZSP); “Rio; Parauary {Parauari}; 3-1937 / FAC. MEDICINA; S. B. Pessôa of 1941 / Omalodes; lucidus; Er.; Det. R. Wenzel 1969” 1 specimen (MZSP); “Amazonas; Itaituba; ((E. Gama)) leg; I.[19]21 / Omalodes; lucidus; Er.; Det. R. Wenzel 1969” 1 specimen (MZSP); “BRASIL : AM; Itacoatiara; II/1964 Dirings” 1 specimen (MZSP); “BRASIL : AM; Itacoatiara; VIII/1962 Dirings” 1 specimen (MZSP); “BRASIL : AM; Itacoatiara; II/1960 Dirings” 1 specimen (MZSP); “BRASIL; Traira; Municipio de Óbidos; Estado do Pará; sem data Dirings” 1 specimen (MZSP); “BRASIL; Satanremsinho; Mun. de Itaituba; Rio Tapajoz – Pará; sem data Dirings” 4 specimen (MZSP); “BRASIL; Satanremsinho; Mun. de Itaituba; Rio Tapajoz – Pará; VII-[19]62 Dirings” 4 specimens (MZSP); “BRASIL; Tefé; Amazonas; IX-[19]62 Dirings” 3 specimens (MZSP); “BRASIL; São Paulo de; Olivença; (Rio Solimoes); Estado Amazonas; XI-[19]60 Dirings” 1 specimen (MZSP); “BRASIL: PA; Óbidos; Traira; VII/1960 Dirings” 2 specimens (MZSP); “BRASIL: PA; Itaituba; Rio Tapajóz; VIII/1960 Dirings” 3 specimens (MZSP); “BRASIL: PA; Itaituba; Rio Tapajóz; XII/1960 Dirings” 2 specimens (MZSP); “BRASIL; Itaituba; (Rio Tapajoz); Pará; III-[19]64 Dirings” 1 specimen (MZSP); “BRASIL; Óbidos; baixo Amazonas; Pará; I-[19]60 Dirings” 1 specimen (MZSP); “Amapá. Serra do Navio. VII/1996, P. Magno, C. A. Júlio, C. A. Caetano, F. Rochetti & C. Costa col.” 1 specimen (MNRJ);“3-4/IX/1996, P. Magno col.” 4 specimens (MNRJ);“X/1996, P. Magno col.” 1 specimen (MNRJ);“I/1999, P. Magno col.” 2 specimens (MNRJ); “Porto Grande. XI/1995, P. Magno, C. E. Alvarenga & C. Costa col.” 1 specimen (MNRJ);“II/1999, P. Magno col.” 1 specimen (MNRJ);“Ceará. Carqueijo. IV/1966, [without collector]” 1 specimen (MZUSP);“Maranhão. Açailândia. (Fazenda Itabaiana). 16/XII/1991, Fátima Lima col.” 1 specimen (MPEG);“Pará. [without locality]. 9/IX/1982, I. S. Gorayeb col.” 5 specimens (MPEG); “Óbidos. XI/1953, J. Brazilino col.” 3 specimens (MNRJ);“I/1954, J. Brazilino col.” 2 specimens (MNRJ);“VII/1960, Dirings col.” 1 specimen (MZSP); “Óbidos. (Colônia Rio Branco). 5/XII/1952, Pedro Almeida Teles col.” 1 specimen (MNRJ);“27-31/XII/1952, Pedro Almeida Teles col.” 1 specimen (DZUP);“V/1953, J. Brazilino col.” 1 specimen (MNRJ);“XI/1953, J. Brazilino col.” 1 specimen (MNRJ); “Santaremsinho. VII/1961, Dirings col.” 1 specimen (MZSP);“VIII/1961, Dirings col.” 1 specimen (MZSP); “Santarém. VII/1921, H. L. Bry col.” 1 specimen (MZSP);“XII/1966, A. Bello col.” 1 specimen (DZUP); “Fazenda Taperinha. 29/XII/1967 – 9/I/1968, Exp. Perm. Amaz.” 1 specimen (MZSP);“1-11/II/1968, Exp. Perm. Amaz.” 1 specimen (MZSP); “Itaituba. (Rio Tapajóz). VIII/1960, Dirings col.” 1 specimen (MZSP);“X/1963, Dirings col.” 1 specimen (MZSP); “Tiriós. (Alto Parú d’Oeste). I-II/1963, Machado & Pereira col.” 2 specimens (MZSP); “Belém. III/1964, E. Dente col.” 1 specimen (MZSP);“6/V/1978, N. Guimarães col.” 1 specimen (MPEG); “Mocajuba. VII/1953, Orlando Rego col.” 1 specimen (MNRJ); “Serra Norte. 2/VII/1985, R. D. Thomaz col.” 2 specimens (MPEG);“4/VII/1985, R. B. Neto col.” 2 specimens (MPEG);“17/VII/1985, Márcio Zanuto col.” 1 specimen (MPEG);“24/VII/1985, Márcio Zanuto col.” 1 specimen (MPEG);“24/VII/1985, R. D. Thomaz col.” 1 specimen (MPEG);“29/VII/1985, R. D. Thomaz col.” 1 specimen (MPEG);“22-24/I/1986, M. F. Torres col.” 3 specimens (MPEG);“24-26/I/1986, M. F.

Torres col." 1 specimen (MPEG);"23/III/1986, M. Martins col." 8 specimens (MPEG);"24/III/1986, M. Martins col." 6 specimens (MPEG);"5/VII/1986, R. B. Neto col." 1 specimen (MPEG);"13/X/1986, J. Dias col." 4 specimens (MPEG); "Mocambo. 2/V/1978, N. Guimarães col." 1 specimen (MPEG);"13/V/1978, N. Guimarães col." 1 specimen (MPEG);"3/IX/1985, W. Overal col." 2 specimen (MPEG);"14/V/1986, M. Martins col." 2 specimens (MPEG); "Outeiro. (Escola Bosque). 4/IV/1993, W. França col." 2 specimens (MPEG);"28/IV/1993, W. França col." 4 specimens (MPEG); "Marajó-Breves. (Rio Caruacá). 22/II/1988, [without collector]" 3 specimens (MPEG);"6/VIII/1988, J. Dias col." 1 specimen (MPEG);"9/VIII/1988, J. Dias col." 1 specimen (MPEG);"12/VIII/1988, J. Dias col." 2 specimens (MPEG); "Acará. (Ilha do Combu). 25/X/1989, R. B. Neto col." 1 specimen (MPEG);"26/X/1989, R. B. Neto col." 1 specimen (MPEG);"10/IX/1989, R. B. Neto col." 2 specimens (MPEG); "Benevides. (Fazenda Morelândia). 10/I/1986, R. D. Thomaz col." 1 specimen (MPEG); "Tucurui. 05/VIII/1980, Nunes de Mello col." 2 specimens (INPA); "Jacareacanga. XII/1968, M. Alvarenga col." 8 specimens (DZUP); "Barcarena. 21/I/1984, L. B. Albuquerque col." 1 specimen (MPEG);"Amazonas. Itacoatiara. II/1961, Dirings col." 1 specimen (MZSP); "Itacoatiara. (Fazenda Aruana). (Am-010 Km-215). 18/XI/1990, R. Andreazze col." 1 specimen (INPA); "Serra da Neblina. (Rio Tucano), (230m). 4/XII/1965, E. Dente col." 1 specimen (MZSP); "Benjamin Constant. (Rio Javari). I/1963, Dirings col." 1 specimen (MZSP); "Manaus. (60Km N Manaus, Fazenda Esteio), (ZF-3 Km-23). 1/VI/1984, B. C. Klein col." 4 specimen (INPA);"10/VI/1984, B. C. Klein col." 2 specimens (INPA);"12/VI/1986, B. C. Klein col." 1 specimen (INPA); "Manaus. (Rod. AM-010, Km-26), (Reserva Ducke). 1/VI/2002, Fraga & J. F. Vidal col." 1 specimen (INPA); "Reserva Ducke. (AM-010, km-26). 18/X/1977, B. C. Ratcliffe col." 1 specimen (INPA); "Reserva Ducke. 14/IX/1969, A. Faustino col." 1 specimen (INPA); "Reserva Ducke. (26km NE Manaus). 27/IX/1977, B. C. Ratcliffe col." 1 specimen (INPA); "Lábrea. (Ramal Apaeral, Km-09), (Sítio São Raimundo), (07°19'10" S – 64°40'07" W). VI/2006, F. F. Xavier col." 8 specimens (INPA);"Rondônia. Ouro Preto d'Oeste. 5/IX/1987, C. Elias col." 1 specimen (DZUP);"Acre. Rio Branco. XII/1999, I. Magalhães col." 2 specimens (DZUP);"Bahia. Ilhéus. (São João, Água Preta). IX-X/1928, E. May col." 1 specimen (MNRJ);"Espírito Santo. Conceição da Barra. 2-7/IX/1968, C. T. & C. Elias col." 1 specimen (DZUP);"1-7/X/1968, C. T. & C. Elias col." 1 specimen (DZUP);"15-21/X/1968, C. T. & C. Elias col." 1 specimen (DZUP); "26/IX/1968, C. T. & C. Elias col." 3 specimens (DZUP); "19/VI/1969, C. T. & C. Elias col." 2 specimens (DZUP); "26/VI/1969, C. T. & C. Elias col." 1 specimen (DZUP); "4/VII/1969, C. T. & C. Elias col." 1 specimen (DZUP); "26/VIII/1969, C. T. & C. Elias col." 1 specimen (DZUP); "10/IX/1969, C. T. & C. Elias col." 1 specimen (DZUP); "17/IX/1969, C. T. & C. Elias col." 1 specimen (DZUP); "25/IX/1969, C. T. & C. Elias col." 1 specimen (DZUP); "4/X/1969, C. T. & C. Elias col." 1 specimen (DZUP); "1/XI/1969, C. T. &. C. Elias col." 1 specimen (DZUP); "22/XI/1969, C. T. & C. Elias col." 5 specimens (DZUP); "29/XI/1969, C. T. & C. Elias col." 2 specimens (DZUP).

PERU:

"PERU: Dpto. Loreto; Quebrada Orán ca 5km; N Rio Amazonas, 85km; NE Iquitos, el. 110m; VI-1984 L. J. Barkley / [blue round label]" 1 specimen (PCKC);"PERU: Tambopata Prov.; Madre de Dios Dpto.; 15km NE Puerto / Maldonaldo, Reserva; Cuzco Amazonico; 12°33'S, 69°03'W; 200m, Plot#Z1E9 / 19 June 1989, J. S. Ashe,; R. A. Leschen #136; ex. pitfall trap / *Omalodes*; *lucidus*; *det. S. Mazur*" 1 specimen (SMEK);"PERU: Tambopata Prov.; Madre de Dios Dpto.; 15km NE Puerto / Maldonaldo, Reserva; Cuzco Amazonico; 12°33'S, 69°03'W; 200m, Plot#Z1E9 / 22 June 1989, J. S. Ashe,; R. A. Leschen #211; ex. pitfall trap / *Omalodes*; *peruvianus*; *det. S. Mazur*" 1 specimen (SMEK);"PERU: Tambopata Prov.; Madre de Dios Dpto.; 15km NE Puerto / Maldonaldo, Reserva; Cuzco Amazonico; 12°33'S, 69°03'W; 200m, Plot#Z1E9 / 24 June 1989, J. S. Ashe,; R. A. Leschen #234; ex. pitfall trap" 1 specimen (SMEK);"PERU: Tambopata Prov.; Madre de Dios Dpto.; 15km NE Puerto / Maldonado Resera; Cusco Amazonico; 12°33'S, 59°03'W; 200m; Plot #Z1E9 / 26 June 1989, J. S. Ashe; R. A. Leschen #281; ex. pitfall trap / *Omalodes*; *lucidus*; *det. S. Mazur*" 1 specimen (SMEK);"PERU: Tambopata Prov.; Madre de Dios Dpto.; 15km NE Puerto / Maldonado Resera; Cusco Amazonico; 12°33'S, 59°03'W; 200m; Plot #Z1E9 / 28 June 1989, J. S. Ashe; R. A. Leschen #306; ex. pitfall trap / *Omalodes*; *peruvianus*; *det. S. Mazur*" 2 specimens (SMEK);"PERU: Tambopata Prov.; Madre de Dios Dpto.; 15km NE Puerto / Maldonado Resera; Cusco Amazonico; 12°33'S, 59°03'W; 200m; Plot #Z1E9 / 30 June 1989, J. S. Ashe; R. A. Leschen #331; ex. pitfall trap" 2 specimens (SMEK);"PERU: Tambopata Prov.; Madre de Dios Dpto.; 15km NE Puerto / Maldonado Resera; Cusco Amazonico; 12°33'S, 59°03'W; 200m; Plot #Z1E9 / 4 July 1989, J. S. Ashe; R. A. Leschen #381; ex. pitfall trap" 1 specimen (SMEK);"PERU: Loreto Prov.; Explorama Lodge; 13-31-VIII-1989; S. Dunkle" 1 specimen (PCKC);"PERU: Loreto Prov.; Explorama Inn; 25mi. NE Iquitos; 25-VI-1990; Sid Dunkle" 1 specimen (PCKC);"PERU: Loreto Prov.; Iquitos, 90m, 5 May; 1992, J. Danoff-Berg; ex: flight intercept trap" 2 specimens (SMEK);"PERU: Loreto Prov.; Iquitos, 90m, 7 May; 1992, J. Danoff-Berg; ex: flight intercept trap" 2 specimens (SMEK);"PERU: Loreto Prov.; Iquitos, 90m, 9 May; 1992, J. Danoff-Berg; ex: flight intercept trap" 1 specimen (SMEK);"PERU: Dept. Loreto; Campamento San Jacinto; 2°18.75'S, 75°51.77'W; 3 July 1993, 175-215m; Richard Leschen #13; ex: flight intercept trap / Histeridae; S. W. Lingafelter 19" 1 specimen (SMEK);"PERU: Dept. Loreto; Campamento San

Jacinto; 2°18.75’S, 75°51.77’W; 5 July 1993, 175-215m; Richard Leschen #30; ex: flight intercept trap” 1 specimen (SMEK);“PERU: Dept. Loreto; Campamento San Jacinto; 2°18.75’S, 75°51.77’W; 5 July 1993, 175-215m; Richard Leschen #31; ex: flight intercept trap” 1 specimen (SMEK);“PERU: Dept. Loreto; Campamento San Jacinto; 2°18.75’S, 75°51.77’W; 5 July 1993, 175-215m; Richard Leschen #32; ex: flight intercept trap” 1 specimen (SMEK);“PERU: Dept. Loreto; Campamento San Jacinto; 2°18.75’S, 75°51.77’W; 7 July 1993, 175-215m; Richard Leschen #43; ex: flight intercept trap” 1 specimen (SMEK);“PERU: Dept. Loreto; Campamento San Jacinto; 2°18.75’S, 75°51.77’W; 7 July 1993, 175-215m; Richard Leschen #44; ex: flight intercept trap” 1 specimen (SMEK);“PERU: Dept. Loreto; Campamento San Jacinto; 2°18.75’S, 75°51.77’W; 8 July 1993, 175-215m; Richard Leschen #54; ex: flight intercept trap” 1 specimen (SMEK);“PERU: Dept. Loreto; Campamento San Jacinto; 2°18.75’S, 75°51.77’W; 9 July 1993, 175-215m; Richard Leschen #68; ex: flight intercept trap” 1 specimen (SMEK);“PERU: Dept. Loreto; Teniente Lopez; 2°35.66’S, 76°06.92’W; 9 July 1993, 210-240m; Richard Leschen #65; ex: flt. Intcpt. Trap, Qd.21” 1 specimen (SMEK);“PERU: Dept. Loreto; Campamento San Jacinto; 2°18.75’S, 75°51.77’W; 11 July 1993, 175-215m; Richard Leschen #84; ex: flight intercept trap” 1 specimen (SMEK);“PERU: Dept. Loreto; Campamento San Jacinto; 2°18.75’S, 75°51.77’W; 11 July 1993, 175-215m; Richard Leschen #85; ex: flight intercept trap” 1 specimen (SMEK);“PERU: Dept. Loreto; 1.5km N Teniente Lopez; 2°35.66’S, 76°06.92’W; 15 July 1993, 210-240m; Richard Leschen #106; ex: at night” 1 specimen (SMEK);“PERU: Dept. Loreto; 1.5km N Teniente Lopez; 2°35.66’S, 76°06.92’W; 18 July 1993, 210-240m; Richard Leschen #121; ex: flight intercept trap”1 specimen (SMEK);“PERU: Dept. Loreto; 1.5km N Teniente Lopez; 2°35.66’S, 76°06.92’W; 20 July 1993, 210-240m; Richard Leschen #133; ex: flight intercept trap”1 specimen (SMEK);“PERU: Dept. Loreto; 1.5km N Teniente Lopez; 2°35.66’S, 76°06.92’W; 20 July 1993, 210-240m; Richard Leschen #211; ex: fight intercept trap” 2 specimens (SMEK);“PERU: Dept. Loreto; 1.5km N Teniente Lopez; 2°35.66’S, 76°06.92’W; 22 July 1993, 210-240m; Richard Leschen #167; ex: flt. Intcpt. Trap, Qd. 14” 1 specimen (SMEK);“PERU: Dept. Loreto; 1.5km N Teniente Lopez; 2°35.66’S, 76°06.92’W; 26 July 1993, 210-240m; Richard Leschen #213; ex: fight intercept trap” 1 specimen (SMEK);“PERU: Loreto Prov.; nr. Jct. Rio Maranon; & Rio Ucayali, 6-20.; VII.1994 P. Skelley; W 73.5°, S 4.8°, FIT” 1 specimen (PCKC);“PERU: Junín Dept.; La Merced, 9.5 km NE; La Merced-Villa Rica Rd.; 880m, 10°58’42”S, 75°18’18”W; 15-21 OCT 1999, R. Brooks; PERU1B99 096; ex: flight intercept trap / SM0142598; KUNHM-ENT” 1 specimen (SMEK);“PERU: Junín Dept.; La Merced, 9.5 km NE; La Merced-Villa Rica Rd.; 880m, 10°58’42”S, 75°18’18”W; 15-21 OCT 1999, R. Brooks; PERU1B99 096; ex: flight intercept trap / SM0142599; KUNHM-ENT” 1 specimen (SMEK);“PERU: Junín Dept.; La Merced, 9.5 km NE; La Merced-Villa Rica Rd.; 880m, 10°58’42”S, 75°18’18”W; 15-21 OCT 1999, R. Brooks; PERU1B99 096; ex: flight intercept trap / SM0142603; KUNHM-ENT” 1 specimen (SMEK);“PERU: Junín Dept.; La Merced, 9.5 km NE; La Merced-Villa Rica Rd.; 880m, 10°58’42”S, 75°18’18”W; 15-21 OCT 1999, R. Brooks; PERU1B99 096; ex: flight intercept trap / SM0142609; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pakitza Bio. Stn., Castanal trail; Reserved Zone, Manu National Park; 11°56’41”S, 71°17’0”W, 317m; 15-16 OCT 2000, R. Brooks; PERU1B00 013 ex: flight intercept trap / SM0271903; KUNHM-ENT”2 specimens (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0257587; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0257592; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0257593; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0257594; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0257595; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0257596; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0257597; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0265283; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0265284; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0265285; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0265286; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m;

11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0265287; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0265289; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0265290; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Cashu Bio. Stn.; Manu National Park, 350m; 11°53’45”S, 71°24’24”W; 17-19 OCT 2000, R. Brooks; PERU1B00 042; ex: flight intercept trap / SM0265291; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’38”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259106; KUNHM-ENT”1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’38”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259107; KUNHM-ENT”1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’38”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259109; KUNHM-ENT”1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’38”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259114; KUNHM-ENT”1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’38”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259117; KUNHM-ENT”1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’38”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259124; KUNHM-ENT”1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’38”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259933; KUNHM-ENT”1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259104; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259105; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259108; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259111; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259112; KUNHM-ENT / *Omalodes*; *sp.*; A. Tishechkin det. 2002” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259113; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259115; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259116; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259118; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259119; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259120; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259121; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259122; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259123; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259125; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259126; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Cocha Salvador, Reserved Zone; Manu National Park, 310m; 12°0’13”S, 71°31’36”W; 20-21 OCT 2000, R. Brooks; PERU1B00 070; ex: flight intercept trap / SM0259931; KUNHM-ENT” 1 specimen

(SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 5.5 km NW; El Mirador Trail, Alto Madre de; Dios River, 500m; 12°39’10”S, 71°15’28”W; 23-26 OCT 2000, R. Brooks; PERU1B00 100; ex: flight intercept trap / SM0261323; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 2.7 km NW; El Mirador Trail, Alto Madre de; Dios River, 450-700m; 12°39’10”S, 71°15’28”W; 23-26 OCT 2000, R. Brooks; PERU1B00 101; ex: flight intercept trap / SM0261530; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 5.5 km NW; El Mirador Trail, Alto Madre de; Dios River, 500m; 12°39’10”S, 71°15’28”W; 23-26 OCT 2000, R. Brooks; PERU1B00 100; ex: flight intercept trap / SM0262602; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 400m; Alto Madre de Dios River; 12°39’22”S, 71°13’55”W; 23-26 OCT 2000, R. Brooks; PERU1B00 099; ex: flight intercept trap / SM0267381; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 400m; Alto Madre de Dios River; 12°39’22”S, 71°13’55”W; 23-26 OCT 2000, R. Brooks; PERU1B00 099; ex: flight intercept trap / SM0267401; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 400m; Alto Madre de Dios River; 12°39’22”S, 71°13’55”W; 23-26 OCT 2000, R. Brooks; PERU1B00 099; ex: flight intercept trap / SM0267411; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 5.5 km NW; El Mirador Trail, Alto Madre de; Dios River, 500m; 12°39’10”S, 71°15’28”W; 23-26 OCT 2000, R. Brooks; PERU1B00 100; ex: flight intercept trap / SM0263469; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 400m; Alto Madre de Dios River; 12°39’22”S, 71°13’55”W; 23-26 OCT 2000, R. Brooks; PERU1B00 099; ex: flight intercept trap / SM0266510; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 5.5 km NW; El Mirador Trail, Alto Madre de; Dios River, 500m; 12°39’10”S, 71°15’28”W; 23-26 OCT 2000, R. Brooks; PERU1B00 099; ex: flight intercept trap / SM0266512; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 400m; Alto Madre de Dios River; 12°39’22”S, 71°13’55”W; 23-26 OCT 2000, R. Brooks; PERU1B00 099; ex: flight intercept trap / SM0267141; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 400m; Alto Madre de Dios River; 12°39’22”S, 71°13’55”W; 23-26 OCT 2000, R. Brooks; PERU1B00 099; ex: flight intercept trap / SM0267140; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 5.5 km NW; El Mirador Trail, Alto Madre de; Dios River, 500m; 12°39’10”S, 71°15’28”W; 23-26 OCT 2000, R. Brooks; PERU1B00 099; ex: flight intercept trap / SM0267142; KUNHM-ENT” 1 specimen (SMEK);“PERU: Madre de Dios; Pantiacolla Lodge, 400m; Alto Madre de Dios River; 12°39’22”S, 71°13’55”W; 23-26 OCT 2000, R. Brooks; PERU1B00 099; ex: flight intercept trap / SM0267416; KUNHM-ENT” 1 specimen (SMEK);“PERU: Dept. Madre de; Dios: Pantiacolla Lodge; Alto Madre de Dios R.; 12°39.3’S, 71°13.9’W 420m; 14-19-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 004 / SEMC0874621; KUNHM-ENT” 1 specimen (SMEK);“PERU: Dept. Madre de; Dios: Pantiacolla Lodge; Alto Madre de Dios R.; 12°39.3’S, 71°13.9’W 420m; 14-19-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 004 / SEMC0874625; KUNHM-ENT” 1 specimen (SMEK);“PERU: Dept. Madre de; Dios: Pantiacolla Lodge; Alto Madre de Dios R.; 12°39.3’S, 71°13.9’W 420m; 14-19-XI-2007 D. Brzoska; ex. flight intercept trap; PER1B07 004 / SEMC0874727; KUNHM-ENT” 1 specimen (SMEK).

BOLIVIA:

“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----]” 14 specimens (LSAM);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 7-9 FEB 1999, R. Hanley; BOL1H99 056; ex: flight intercept trap / SM0159552; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 7-9 FEB 1999, R. Hanley; BOL1H99 056; ex: flight intercept trap / SM0159553; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 7-9 FEB 1999, R. Hanley; BOL1H99 056; ex: flight intercept trap / SM0159554; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 7-9 FEB 1999, R. Hanley; BOL1H99 056; ex: flight intercept trap / SM0159555; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 7-9 FEB 1999, R. Hanley; BOL1H99 057; ex: flight intercept trap / SM0161081; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 7-9 FEB 1999, R. Hanley; BOL1H99 057; ex: flight intercept trap / SM0161088; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 7-9 FEB 1999, R. Hanley; BOL1H99 057; ex: flight intercept trap / SM0161267; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 9-13 FEB 1999, R. Hanley; BOL1H99 078; ex: flight intercept trap / SM0159300; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita;

Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 9-13 FEB 1999, R. Hanley; BOL1H99 078; ex: flight intercept trap / SM0159301; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 9-13 FEB 1999, R. Hanley; BOL1H99 078; ex: flight intercept trap / SM0159302; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 9-13 FEB 1999, R. Hanley; BOL1H99 077; ex: flight intercept trap / SM0160602; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 9-13 FEB 1999, R. Hanley; BOL1H99 077; ex: flight intercept trap / SM0160603; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 9-13 FEB 1999, R. Hanley; BOL1H99 077; ex: flight intercept trap / SM0160618; KUNHM-ENT” 1 specimen (SMEK);“BOLIVIA: Cochabamba; Cochabamba, 67.5 km NE-; Est. Biol. Valle del Sajita; Univ. de San Simon, 300m; 17°6’33”S, 64°47’52”W; 9-13 FEB 1999, R. Hanley; BOL1H99 077; ex: flight intercept trap / SM0160619; KUNHM-ENT” 1 specimen (SMEK);“Bolivia: Prov. Ichilo, Depto; Santa Cruz, 3-5km SSE of; Buena Vista, ±440m, Febr.; 5-12, 2000, 17°29’96”S,; 63°39’13”W, W. B. Warner” 17 specimens (PCKC);“BOLIVIA: SANTA CRUZ; 5 km SSE Buena Vista, Hotel; Flora y Fauna, 440m, forest; FIT, 63°39.128’W 17°29.925’S; 15-24.XII.2003-131, S. & J. Peck” 6 specimens (LSAM);“BOLIVIA: Santa Cruz Dept.; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr. [----] / 30.IV.04; Banana; trap” 1 specimen (LSAM);“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----] / 6 May 2004; Banana; Trap” 31 specimens (LSAM);“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----] / 7 May 2004; Banana Trap” 16 specimens (LSAM);“BOLIVIA: Santa Cruz Dept.; 3.7km SSE Buena Vista; Hotel Flora y Fauna, ~400m; 17°29’S 63°33’W, A. Cline; 7-MAY-2004, ex: banana trap” 28 specimens (LSAM);“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----] / 11 May 2004; Banana Trap” 3 specimens (LSAM); “Santa Cruz. (Buenavista). I/1960, A. Martinez col.” 1 specimen (MZSP).

Omalodes (*Omalodes*) *mazuri* Moura & Almeida, 2013

PERU:

“PERU: Madre de Dios; Pakitza Bio. Stn. Castanal Trail; Reserved Zone, Manu National Park; 11°56’41”S, 71°17’0”W, 317m; 15-16 OCT 2000, R. Brooks; PERU1B00 013 ex: flight intercept trap / SM0271904; KUNHM-ENT” 1 specimen (SMEK).

Omalodes (*Omalodes*) *mendax* Marseul, 1861

MEXICO:

“MEXICO Chiapas; Palenque; 10 Sept 1974; G.Bohart W.Hanson / [red round label]” 1 specimen (PCKC);“MEXICO, Jal., UNAM; Biol. Sta. Chamela; 200’, 10 Aug.1982 CW & L. O’Brien & G. Wibner” 1 specimen (PCKC);“MEXICO: Guerrero; hwy. 134, 27.4km NE jct.; hwy. 200, 16 July 1985; R. Turnbow” 3 specimens (PCKC);“MEXICO: Guerrero; hwy. 134, 27.4km NE jct.; hwy. 200, 19 July 1985; R. Turnbow” 1 specimen (PCKC);“MEXICO: Guerrero, Piña; Mochitlán, Acahuizotla,; Alt. 750m 9.VII.86; Bosque tropical; bajo caducifolio; L. Delgado, col. / [yellow round label]” 1 specimen (PCKC);“MEXICO: Guerrero, Piña; Mochitlán, Acahuizotla,; Alt. 650m 1.VIII.89; Bosque tropical Trampa; med. Subperennifolio [Van]; L. Delgado, col. Someren / [yellow round label]” 1 specimen (PCKC);“MEXICO: Chiapas; El Aguacero; elevation 680m; vi-17-18-1990” 1 specimen (PCKC);“MEXICO: Chiapas; El Sumidero Park; 19 August 90; D. B. Thomas coll.” 1 specimen (PCKC);“MEXICO: Chiapas; Laguna Belgica; 17 July 1991; D. Thomas, J. Burne” 2 specimens (PCKC);“MEXICO: Jalisco; La Calera, 770m; 18-VI-94; G. Nogueira col. / [yellow round label]” 3 specimens (PCKC);“MEXICO: Nayarit; Villa Hidalgo; 350m. 16-VII-94; G. Nogueira col. / [yellow round label]” 2 specimens (PCKC);“MÉXICO, Jalisco, La Huerta, Chamela; Rio Chamela, BTC, 19°31’27”N 105°02’13”O; 12m ex. Trampa de fruta, 31.VII-8.IX.2001; H. Fierros y J. L. Navarrete Col. / [green round label]” 5 specimens (PCKC);“MÉXICO, Jalisco, La Huerta, Chamela; Rio Chamela,12m, BTC, 31.VII-8.IX.2001; ex. Trampa de fruta 19°31’27”N 105°02’13”W; H. Fierros y J. L. Navarrete Col. / [green round label]” 2 specimens (PCKC);“MÉXICO, Colima, Ixtahuacán, km 2; carr. Ixtahuacán, 31.VIII-8.IX.2001, BTC,;

411m, ex. trampa de fruta, 19°03’41”N, 103°46’53”W; H. Fierros y J. L. Navarrete col. / [green round label]” 3 specimens (PCKC);“MEXICO: Michoacán,; Aquila, La Estanzuela; 15-IX-2003; Rodolfo Novelo col. / [yellow round label]” 1 specimen (PCKC).

COSTA RICA:

“COSTA RICA Punt.; Rincon de la Osa; 26 Jul 1966; D. Veirs / [red round label]” 2 specimens (PCKC);“COSTA RICA Ala.; 20 km S Upala; 27 Sep-18 Oct 1990; F. D. Parker / [red round label]” 1 specimen (PCKC);“COSTA RICA Ala.; 20 km S. Upala; 20 Nov 1990; F. D. Parker / [red round label]” 1 specimen (PCKC);“COSTA RICA: Puntarenas; Rd. to Monteverde from; from PanAmer. Hwy.; 28 VI 1992, B. Ratcliffe,; Jameson, ex: fruit traps” 3 specimens (SMEK);“COSTA RICA: Guanacaste; Maritza Biol. Sta., 550m; 22 May 1993, J. & A. Ashe; ex: flight intept. trap #036” 2 specimens (SMEK);“COSTA RICA: Guanacaste; Maritza Biol. Sta.; 22 May 1993, 550m; J.S. & A.K. Ashe #038; ex: flowerfall litter” 1 specimen (SMEK);“COSTA RICA Guan.; 3km SE R. Naranjo; 1-10 Sep 1992; F. D. Parker” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 18-23 Jun 1993; F. D. Parker” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 23-27 Jul 1993; F. D. Parker” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 4-6 Aug 1993; F. D. Parker” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 8-12 Aug 1993; F. D. Parker” 1 specimen (PCKC).

PANAMA:

“PANAMA: Chir. Prov.; Alto Lino, 4km NE; Boquete, 4-IX-75; H.Wolda UV lt.” 1 specimen (PCKC);“Black Tank Rd.; Ft. Sherman; Panama C. Z. / Jan.1, 1986; John + Steven; MacDonald / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]” 2 specimens (PCKC);“PANAMA: Panama; Barro Colorado Isd.; 09°11’N, 79°51’W; 4 Aug 1994, D. Banks; ex: flight intercept trap” 1 specimen (SMEK);“PANAMA: Panama; 09°05’N, 79°40’W; Old Plantation Rd. 6.9km; S Gamboa, 80m, 3 June; 1995, J. Ashe, R. Brooks; #118 ex: “*Heliconia*” / Histeridae; S. W. Lingafelter 19” 1 specimen (SMEK);“PANAMA, Colon, C. Z.,; Ft. Sherman, Old Ft. San; Lorenzo Rd. 7-25-1995; C. W. & B. O’Brien” 1 specimen (PCKC);“PANAMA: Darien Province; Cana ANCON Station 500m; 07°45.323’N 77°41.069’W; Dead Cecropia 3-9 June 1996; Steve Lingafelter, Coll.” 1 specimen (SMEK);“PANAMA: Panama; Parque Nac. Soberania; 28 June-9 July 1997; R. Turnbow / banana bait” 1 specimen (PCKC);“PANAMA: Pnm. Prov.; Cerro Campana; 30-VI-1997; Morris & Wappes / fermenting; banana trap” 1 specimen (PCKC);“PANAMA: Pnm Prv.; 10km E Canita; 1-9-VII-1997; Wappes & Morris / fermenting; banana trap” 6 specimens (PCKC);“PANAMA: Pnm Prv.; 10km E Canita; 1-9-VII-1997; Wappes & Morris / fermenting; banana trap” 1 specimen (PCKC);“PANAMA Colon Prv.; Ft. Sherman area; 8 May 1999; Wappes & Morris” 1 specimen (PCKC);“PAN: Panama Prov.; Soberania Nat. Pk.; 19-20/V/1999; Morris / Wappes” 1 specimen (PCKC);“PANAMA: Panama Prov. Barro; Colorado Island 9°11’N, 79°51’W 27-; 31 July 2000 S. Chatzimanolis Ex. FIT; PAN1C00 101 / SM0571426; KUNHM-ENT” 1 specimen (SMEK);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 1.3m. FL-I1C1.3l. 15-25 May; 2004. R. Didham *et al.*” 1 specimen (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 7m. FL-I1C7l. 15-25 May; 2004. R. Didham *et al.*” 1 specimen (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 14m. FL-B1C14l. 15-25 May; 2004. R. Didham *et al.*” 1 specimen (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 7m. FL-B1A7l. 19-25 May; 2004. R. Didham *et al.*” 3 specimens (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 7m. FL-B1C7l. 19-25 May; 2004. R. Didham *et al.*” 1 specimen (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 7m. FL-C2A7j. 25.iv.-5.v; 2004. M. González. IBISCA’04” 1 specimen (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 28m. FL-B1A28m. 25.v.-4.vi.; 2004. R. Didham *et al.*” 2 specimens (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 28m. FL-I1A28j. 25.iv.-5.v.; 2004. M. González. IBISCA’04” 2 specimens (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 7m. FL-I1B7j. 25.iv.-5.v.; 2004. M. González. IBISCA’04” 1 specimen (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 7m. FL-C2A7j. 25.iv.-5.v.; 2004. M. González. IBISCA’04” 1 specimen (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 7m. FL-C2A7k. 5-15 May; 2004. R. Didham *et al.*” 1 specimen (LSAM);“PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17’N 79°58’W; Beating dead branches of *Poulsenia armata*, canopy; 12 May 2004. F. Odegaard” 1 specimen (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 14m. FL-C2C14l. 15-25 May; 2004. R. Didham *et al.*” 2 specimens (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17’N 79°58’W. F.I.T.,; 1.3m. FL-I1C1.3l. 15-25 May; 2004. R. Didham *et al.*” 1 specimen (LSAM);“PANAMA: Colón Pr., San; Lorenzo Forest,

STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 7m. FL-B1A7n. 5-18 June; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 7m. FL-B1A7m. 25.v.-4.vi.; 2004. R. Didham *et al.*. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 14m. FL-B1A14m. 25.v.-; 4.vi.2004. R. Didham *et al.*" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 14m. FL-C2A14n. 4-17 Jun; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 21m. FL-C2C21n. 4-17 June; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 7m. FL-I1C7n. 5-18 June; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 7m. FL-B1A7n. 5-18 June; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 7m. FL-B1C7n. 5-18 Jun; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 14m. FL-B1A14n. 5-18 Jun; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 14m. FL-B1B14n. 5-18 Jun; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 14m. FL-B1C14n. 5-18 June; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 14m. FL-I1C14n. 5-18 June; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 28m. FL-I1B28n. 5-18 June; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 7m. FL-B1A7o. 25.vi.-5.vii; 2004. M. Rapp. IBISCA'04" 2 specimens (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 14m. FL-C1B14p. 14-26 July; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 14m. FL-I1A14p. 14-26 July; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 1.3m. FL-B1C1.3q. 3-13 Aug; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 7m. FL-I1C7r. 23.viii-2.ix; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM);"PANAMA: Colón Pr., San; Lorenzo Forest, STRI crane; site. 9°17'N 79°58'W. F.I.T.,; 7m. FL-B1A7s. 12-23 Sep; 2004. M. Rapp. IBISCA'04" 1 specimen (LSAM).

VENEZUELA:

"VENEZUELA, Yar. 14; km.W.Nirgua, 2500'; Aug.4,1988, CW & L.; O'Brien & G. Ibmer" 1 specimen (PCKC).

Omalodes (*Omalodes*) *monilifer* Marseul, 1853

MEXICO:

"MEXICO: Chiapas, El; Sumidero Nat'l Park; 4 June 1991, 700m; J. Ashe, ex: fermenting; fruit / *Omalodes*; *monilifer*; *det. S. Mazur*" 2 specimens (SMEK);"MEXICO: Chiapas, El; Sumidero Cyn. Nat'l. Pk.; 10 june 1991, 700m; J. Ashe #86, ex: fruit traps / *Omalodes*; *monilifer*; *det. S. Mazur*" 1 specimen (SMEK).

Omalodes (*Omalodes*) *omega* (Kirby, 1818)

PARAGUAY:

"PARAGUAY: Cazaapá; Hermosa, prop Sosa family,; San Rafael Reserve, 90m; 26°19'15"S, 55°44'55"W; 3 DEC 2000 Z. H. Fallin PAR1F00 099; ex: fermenting tree wound / SM0263331; KUNHM-ENT" 1 specimen (SMEK).

ARGENTINA:

“Missiones. Iguazu National Park. 1-4/I/1991, S. & J. Peck col.” 1 specimen (CPSM).

BRAZIL

“Bahia. Mucuri. II/1971, P. C. Elias col.” 4 specimens (MZSP); “Encruzilhada. 10-12/XII/2007, P. Grossi, A. Rafael & D. Parizotto col.” 1 specimen (DZUP); “Minas Gerais. Teófilo Otoni. [without date], [without collector]” 1 specimen (CPSM); “Sete Lagoas. [without date], Reinhardt col.” 1 specimen (ZMUC); “Espírito Santo. Córrego Itá. XI/1956, W. Zikan col.” 1 specimen (MNRJ); “Linhares. III/1954, P. A. Teles col.” 1 specimen (MNRJ); “XI-XII/1965, A. Mallen col.” 1 specimen (DZUP); “III/1972, B. Silva col.” 1 specimen (MNRJ); “8-14/VIII/1972, Alvarenga col.” 1 specimen (DZUP); “Linhares. (Parque Sooretama). II-III/1948, L. Trav., Freitas & H. Trav. col.” 1 specimen (MNRJ); “III/1953, Pedro Almeida Teles col.” 3 specimens (MNRJ); “IV/1966, A. Maller col. (Coleção F. Justus)” 1 specimen (DZUP); “II/1968, F. M. Oliveira col.” 1 specimen (DZUP); “Santa Tereza. 7/XII/1964, C. T. & C. Elias col.” 2 specimens (DZUP); “19/III/1966, C. T. & C. Elias col.” 1 specimen (DZUP); “XI/1966, C. T. Elias col. 1 specimen (MZSP); 22-31/I/1968, C. T. & C. Elias col.” 1 specimen (DZUP); “Baixo Guandu. 29/IV – 6/V/1970, C. T. & C. Elias col.” 2 specimens (DZUP), “17/V/1970, C. T. & C. Elias col.” 1 specimen (DZUP), “15-21/V/1970, C. T. & C. Elias col.” 1 specimen (DZUP);“10-15/VIII/1970, C. T. & C. Elias col.” 1 specimen (DZUP);“26-30/XI/1970, C. Elias col.” 2 specimens (DZUP); “Conceição da Barra. 27/V/1969, C. T. & C. Elias col.” 2 specimens (DZUP);“25/IX/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“22/XI/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“22/XI/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“29/XI/1969, C. T. & C. Elias col.” 1 specimen (DZUP);“Rio de Janeiro. Guanabara. (Represa Rio Grande). IX/1960, F. M. Oliveira col.” 2 specimens (MNRJ);“5/X/1960, F. M. Oliveira col.” 4 specimens (DZUP);“XI/1960, F. M. Oliveira col.” 3 specimens (DZUP);“XII/1960, F. M. Oliveira col.” 1 specimen (DZUP);“I/1961, F. M. Oliveira col.” 1 specimen (MNRJ);“15/XI/1966, F. M. Oliveira col.” 2 specimens (DZUP);“5/X/1967, F. M. Oliveira col.” 1 specimen (DZUP);“7/X/1967, F. M. Oliveira col.” 1 specimen (DZUP);“10/X/1967, F. M. Oliveira col.” 1 specimen (DZUP);“15/X/1967, F. M. Oliveira col.” 1 specimen (DZUP);“15/X/1967, F. M. Oliveira col.” 1 specimen (DZUP);“20/X/1967, F. M. Oliveira col.” 1 specimen (DZUP);“20/X/1967, F. M. Oliveira col.” 1 specimen (DZUP); “Guanabara. 27/III/1964, H. Schubart col.” 1 specimen (MNRJ); “Rio de Janeiro. (Jardim Botânico). 14/X/1951, D. Zajclw col.” 2 specimens (MNRJ); “Itatiaia. (700m). II/1959, W. Zikan col.” 2 specimens (MNRJ);“XI/1959, W. Zikan col.” 3 specimens (MNRJ); “Parque Nacional do Itatiaia. (800m). 5-25/XI/1974, H. S. & M. A. Monné col.” 1 specimens (MNRJ); “Parque Nacional da Tijuca. II/1937, Seabra col.” 1 specimen (MNRJ); “Petrópolis. (Le Vallon, Alt. Mosélia). 24/I – 23/II/1956, D’Albuquerque col.” 2 specimens (MNRJ); “Corcovado. X/1958, Alvarenga & Seabra col.” 1 specimen (MNRJ);“8/XI/1975, M. A. Monné & C. A. Campos Seabra col.” 1 specimen (MNRJ); “Represa Socorrão. 25/VIII/1954, Newton Santos col.” 1 specimen (MNRJ); “Barra de Itabapoana. X-XI/1935, M. Rosa col.” 2 specimens (MNRJ); “Miguel Pereira. XI/1996, J. Carlos col.” 1 specimen (DZUP);“XII/1996, J. Carlos col.” 1 specimen (DZUP);“São Paulo. Marília. I/1948, Speer col.” 1 specimen (MZSP).

Omalodes (*Omalodes*) *perpolitus* Schmidt, 1893

“C.R., Punt., Monte-; verde Cloud For.; Res. V-27,31-84; Riley, Rider & LeDoux / [blue round label]” 1 specimen (PCKC);“NT: hwy 15, 36mi; SW Las Piedras; vii-7,8-84 230’; S. McCleve, P. Jump” 2 specimens (PCKC).

NICARAGUA:

“NICARAGUA: Zelaya; Cerro Saslaya, 13°44’N; 85°01’W, IV.1996, 700m; J. Maes & J. Hernandez” 7 specimens (PCKC);“NICARAGUA: Matagalpa Depto.; 6 km N Matagalpa, Selva Negra Hotel,; 1300m, 12°59.99’N 85°54.53’W,; 18-21-V-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight intercept; trap, Cody Trail, NIC1BFC02 037 / SM0538568; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Matagalpa Depto.; 6 km N Matagalpa, Selva Negra; 1250m, 12°59.9’N 85°54.6’W,; 18-22-V-2002, S. Peck 02-06; ex. flight intercept trap; NIC1BFC02 001 / SM0560108; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Matagalpa Depto.; 6 km N Matagalpa, Selva Negra Hotel; 1350m, 12°59.99’N 85°54.53’W,; 20-V-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. *Heliconia* fruits,; NIC1BFC02 023 / SM0536420; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Rio San Juan; Dept., 8 km SE El Castillo; Refugio Bartola, 30m, 10°58.6’N; 84°20.4’W, 23-31-V-2002; S. Peck 02-09, ex. flight; intercept trap, NIC1P02 002 / SM0561501; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Rio San Juan; Dept., 8 km SE El Castillo; Refugio

Bartola, 30m, 10°58.6'N; 84°20.4'W, 23-31-V-2002; S. Peck 02-09, ex. flight; intercept trap, NIC1P02 002 / SM0561502; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Rio San Juan Dept.; 60 km SE San Carlos Refugio; Bartola, 100m, 10°58.40'N 84°20.30'W; 25-28-V-2002 R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight intercept; trap NIC1BFC02 112 / SM0539276; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Rio San Juan Dept.; 60 km SE San Carlos Refugio; Bartola, 100m, 10°58.40'N 84°20.30'W; 25-28-V-2002 R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight intercept; trap NIC1BFC02 136 / SM0539832; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Rio San Juan Dept.; 60 km SE San Carlos Refugio; Bartola, 100m, 10°58.40'N 84°20.30'W; 28-30-V-2002 R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight intercept; trap NIC1BFC02 136 / SM0539406; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1150m, 11°50.05'N 85°58.83'W; 1-3-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 168 / SM0540576; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1150m, 11°50.05'N 85°58.83'W; 1-3-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 168 / SM0540626; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1150m, 11°50.05'N 85°58.83'W; 1-3-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 168 / SM0540628; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1150m, 11°50.05'N 85°58.83'W; 1-3-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 168 / SM0540630; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1150m, 11°50.05'N 85°58.83'W; 1-3-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 168 / SM0540634; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1150m, 11°50.05'N 85°58.83'W; 1-3-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 168 / SM0540635; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 910m 11°50.05'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 189 / SM0537248; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 910m 11°50.05'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 189 / SM0537252; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 910m 11°50.05'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 189 / SM0537253; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 910m 11°50.05'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 189 / SM0537254; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 910m 11°50.05'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 189 / SM0537255; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 910m 11°50.05'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 189 / SM0537256; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 1060m 11°50.5'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 188 / SM0538141; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 1060m 11°50.5'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 188 / SM0538142; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 1060m 11°50.5'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap, NIC1BFC02 188 / SM0538471; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 1060m 11°50.5'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap, NIC1BFC02 188 / SM0538472; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 1060m 11°50.5'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap, NIC1BFC02 188 / SM0538473; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 1060m 11°50.5'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap, NIC1BFC02 188 / SM0538474; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 1060m 11°50.5'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap, NIC1BFC02 188 / SM0538476; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd, 1060m 11°50.5'N; 85°58.83'W 1-5-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 188 / SM0538477; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1210m 11°50.5'N 85°58.83'W; 1-5-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 191 / SM0540431; KUNHM-ENT" 1 specimen (SMEK);"NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1150m 11°50.5'N 85°58.83'W; 1-5-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight; intercept trap; NIC1BFC02 190 / SM0540721; KUNHM-ENT" 1 specimen

(SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1150m 11°50.5’N 85°58.83’W; 1-5-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. flight; intercept trap, NIC1BFC02 190 / SM0543644; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1200m, 11°50.05’N 85°58.83’W; 2-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. cut lumber; NIC1BFC02 152 / SM0530668; KUNHM-ENT / *Omalodes*; *sp.*; A. Tishechkin det. 2003” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1200m, 11°50.05’N 85°58.83’W; 2-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. cut lumber; NIC1BFC02 152 / SM0530669; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1200m, 11°50.05’N 85°58.83’W; 2-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. cut lumber; NIC1BFC02 152 / SM0530670; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1200m, 11°50.05’N 85°58.83’W; 2-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. cut lumber; NIC1BFC02 152 / SM0530673; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1200m, 11°50.05’N 85°58.83’W; 2-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. cut lumber; NIC1BFC02 152 / SM0530674; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; entrance rd. 800-1000m, 11°50.05’N; 85°58.83’W 2-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. fruitfall; NIC1BFC02 142 / SM0531969; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1200m, 11°50.05’N 85°58.83’W; 2-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. cut lumber; NIC1BFC02 152 / SM0536686; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1200m, 11°50.05’N 85°58.83’W; 2-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. cut lumber; NIC1BFC02 152 / SM0536691; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1200m, 11°50.05’N 85°58.83’W; 2-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. cut lumber; NIC1BFC02 152 / SM0536692; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1200m, 11°50.05’N 85°58.83’W; 2-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. cut lumber; NIC1BFC02 152 / SM0536695; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1200m, 11°50.05’N 85°58.83’W; 2-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. cut lumber; NIC1BFC02 152 / SM0536697; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1150m, 11°50.0’N 85°58.8’W; 2-5-VI-2002, S. Peck 02-10; ex. flight intercept trap; NIC1P02 003 / SM0559873; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1150m, 11°50.0’N 85°58.8’W; 2-5-VI-2002, S. Peck 02-10; ex. flight intercept trap; NIC1P02 003 / SM0559904; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1150m, 11°50.0’N 85°58.8’W; 2-5-VI-2002, S. Peck 02-10; ex. flight intercept trap; NIC1P02 003 / SM0559919; KUNHM-ENT” 1 specimen (SMEK);“NICARAGUA: Granada Dept.; Res. Nat. Volcan Mombacho; 1150m, 11°50.05’N 85°58.83’W; 5-VI-2002, R. Brooks, Z. Falin,; S. Chatzimanolis ex. cut lumber; NIC1P02 195 / SM0556742; KUNHM-ENT” 1 specimen (SMEK).

COSTA RICA:

“Costa Rica / *Omalodes*; *perpolitus* Schmidt; coll. Schmidt-; Bickhardt” 2 specimens (ZMHB); “Costa Rica / 25 / *perpolitus*; Sch. / *Omalodes*; *perpolitus* Schmidt; coll. Schmidt-; Bickhardt” 1 specimen (ZMHB); “Costa Rica / 750; Turialba 500m; Atlantique / *Omalodes*; *perpolitus* Schmidt; coll. Schmidt-; Bickhardt” 1 specimen (ZMHB); “Costa Rica; San José; C. Werckle S. G. / *Omalodes*; *perpolitus*; Sch.; Det. R. Wenzel 1973” 1 specimen (ZMHB); “COSTA RICA; Coto Brus; August, 1986; Coll. N. Zakharoff” 1 specimen (PCKC);“COSTA RICA Ala.; 2 km S Pital; 5-28 Sep 1988; F. D. Parker / [red round label]” 1 specimen (PCKC);“COSTA RICA: Puntarenas; Monte Verde, 1400m; 9 May 1989, J. Ashe; R. Brooks, R. Leschen; ex. pitfall trap / Snow Entomol. Mus.; Costa Rica Exped. #070 / *Omalodes*; *perpolitus*; *det. S. Mazur*” 1 specimen (SMEK);“COSTA RICA: Puntarenas; Monte Verde, 1520m; 11 May 1989, J. Ashe; R. Brooks, R. Leschen; ex. compost pile / Snow Entomol. Mus.; Costa Rica Exped. #115 / *Omalodes*; *perpolitus*; *det. S. Mazur*” 1 specimen (SMEK);“COSTA RICA: Alajuela; Peñas Blancas, 800m; 19 May 1989, J. Ashe; R. Brooks, R. Leschen; ex. flight intercept / Costa Rica Exped. #265; Snow Entomol. Mus. / *Omalodes*; *perpolitus*; *det. S. Mazur*” 2 specimens (SMEK);“COSTA RICA: Alajuela; Eladio’s, Peñas Blancas; Trail, 19 May 1989; 875m, J. Ashe, R. Brooks #267; ex: flight intercept / *Omalodes*; *perpolitus*; *det. S. Mazur*” 2 specimens (SMEK);“COSTA RICA: Alajuela; Peñas Blancas, 875m; 19 May 1989, J. Ashe; R. Brooks, R. Leschen; ex. flight intercept / Snow Entomol. Mus.; Costa Rica Exped. #267 / *Omalodes*; *perpolitus*; *det. S. Mazur*” 1 specimen (SMEK);“COSTA RICA: Alajuela; Peñas Blancas Trail, 870m; 19 May 1989, J. Ashe; R. Brooks, R. Leschen; ex. flight intercept / Snow Entomol. Mus.; Costa Rica Exped. #269; larvae in ETOH coll. / *Omalodes*; *perpolitus*; *det. S. Mazur*” 1 specimen (SMEK);“COSTA RICA: Alajuela; Peñas Blancas, 970m; 20 May 1989, J. Ashe; R. Leschen, R. Brooks; ex. flight intercept trap / Snow Entomol. Mus.; Costa Rica Exped. #272” 2 specimens (SMEK);“COSTA RICA: Alajuela; Peñas Blancas, 970m; 20 May 1989, J. Ashe; R. Leschen, R. Brooks; ex. flight intercept trap / Snow Entomol. Mus.; Costa Rica Exped. #272 / *Omalodes*; *perpolitus*; *det. S. Mazur*” 1

specimen (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; late Jan. 1992, W. Bell; ex: flight intercept trap” 4 specimens (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 21 Jan. 1992, W. Bell; ex: flight intercept trap” 1 specimen (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 22 Jan. 1992, W. Bell; ex: flight intercept trap” 1 specimen (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 25 Jan. 1992, W. Bell; ex: flight intercept trap” 1 specimen (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 28 Jan. 1992, W. Bell; ex: flight intercept trap” 3 specimens (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 30 Jan. 1992, W. Bell; ex: flight intercept trap” 1 specimen (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 1 Feb. 1992, W. Bell; ex: flight intercept trap” 3 specimens (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 3 Feb. 1992, W. Bell; ex: flight intercept trap” 1 specimen (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 5 Feb. 1992, W. Bell; ex: flight intercept trap” 1 specimen (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 14 Feb. 1992, W. Bell; ex: flight intercept trap” 2 specimens (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 1 Mar. 1992, W. Bell; ex: flight intercept trap” 1 specimen (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 6 Mar. 1992, W. Bell; ex: flight intercept trap” 1 specimen (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 17 Mar. 1992, W. Bell; ex: flight intercept trap” 4 specimens (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 19 Mar. 1992, W. Bell; ex: flight intercept trap” 2 specimens (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 21 Mar. 1992, W. Bell; ex: flight intercept trap” 1 specimen (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 24 Mar. 1992, W. Bell; ex: flight intercept trap” 1 specimen (SMEK);“COSTA RICA Guan.; 3km SE R. Naranjo; 21-30 Jun 1992; F. D. Parker” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; July 1992; F. D. Parker / [red round label]” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 11-20 Aug 1992; F. D. Parker” 2 specimens (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 1-10 Sep 1992; F. D. Parker” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 1-9 Oct 1992; F. D. Parker” 2 specimens (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 22 Oct 1992; F. D. Parker” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 19 May 1993; F. D. Parker” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 14-15 Jul 1993; F. D. Parker” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 14-20 Jul 1993; F. D. Parker” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 17-19 Jul 1993; F. D. Parker” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 23-27 Jul 1993; F. D. Parker” 1 specimen (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 8-12 Aug 1993; F. D. Parker” 2 specimens (PCKC);“COSTA RICA Guan.; 3km SE R. Naranjo; 23 Aug 1993; F. D. Parker” 1 specimen (PCKC);“COSTA RICA, Heredia,; Estacion Biologica; La Selva, 13-I-1995; S. M. Clark et al.” 1 specimen (PCKC);“COSTA RICA: Heredia; Prov., La Selva, VII-; VIII.1998, Nico Franz; flight intercept trap” 8 specimens (PCKC);“COSTA RICA: Punterenas; Monteverde Reserve; (trail near lab) 1 June 1993; C. Michalski; ex: flight intercept trap” 1 specimen (SMEK);“COSTA RICA: Heredia; Sto. Domingo del Heredia; INBio Cafetal, 1100 m; 25-28 JUN 1997, S & J. Peck; CR1P97 027; ex: flight intercept trap / SM0332955; KUNHM-ENT” 1 specimen (SMEK);“COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26’N; 84°01’W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046767 / Omalodes; #2” 1 specimen (LSAM);“COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26’N; 84°01’W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046768” 1 specimen (LSAM);“COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26’N; 84°01’W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046777” 1 specimen (LSAM);“COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26’N; 84°01’W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046770” 1 specimen (LSAM);“COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26’N; 84°01’W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046771” 1 specimen (LSAM);“COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26’N; 84°01’W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046772” 1 specimen (LSAM);“COSTA RICA: Heredia; Est. Biol. LaSelva. 10°26’N; 84°01’W. Fruit bait traps; 21-25.vi.1998. V. Moseley / LSAM; 0046773” 1 specimen (LSAM);“COSTA RICA, Her.; Bil. Sta. LaSelva,; VI-6-2000,; R. W. Flowers” 1 specimen (PCKC);“COSTA RICA: Alajuela; E.B. San Ramon, R.B. San Ramon; 27km N & 8km W San Ramon, 810 m; 10°13’4”N,84°35’46”W; 8 JUL 2000, J. Ashe, R. Brooks, Z. Fallin; CR1ABF00 084; ex: flight intercept trap / SM0248410; KUNHM-ENT” 1 specimen (SMEK);“COSTA RICA: Guanacaste; Cacao Biological Station, 1050m; 10°55’38”N,85°27’5”W; 10-11 JUL 2000, J. Ashe, R. Brooks; Z. Falin CR1ABF00 097; ex: flight intercept trap / SM0245364; KUNHM-ENT” 1 specimen (SMEK);“COSTA RICA: Guanacaste; Patilla Biological Station, 610m; 10°59’22”N,85°25’33”W; 13-15 JUL 2000, J. Ashe, R. Brooks, Z. Falin; CR1ABF00 135 ex: flight intercept trap / SM0244759; KUNHM-ENT” 1 specimen (SMEK);“COSTA RICA: Guanacaste; Patilla Biological Station, 610m; 10°59’22”N,85°25’33”W; 13-15 JUL 2000, J. Ashe, R. Brooks, Z. Falin; CR1ABF00 135 ex: flight intercept trap / SM0244760; KUNHM-ENT” 1 specimen (SMEK);“COSTA RICA: Guanacaste; Patilla Biological Station, 610m; 10°59’22”N,85°25’33”W; 13-15 JUL 2000, J. Ashe, R. Brooks, Z. Falin; CR1ABF00 135 ex: flight intercept trap / SM0244761; KUNHM-ENT” 1 specimen (SMEK);“COSTA RICA: Guanacaste; Patilla Biological Station, 610m; 10°59’22”N,85°25’33”W; 13-15 JUL 2000, J. Ashe, R.

Brooks, Z. Falin; CR1ABF00 135 ex: flight intercept trap / SM0244762; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Guanacaste; Patilla Biological Station, 610m; 10°59'22"N,85°25'33"W; 13-15 JUL 2000, J. Ashe, R. Brooks, Z. Falin; CR1ABF00 135 ex: flight intercept trap / SM0244758; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Guanacaste; Patilla Biological Station, 610m; 10°59'22"N,85°25'33"W; 13-15 JUL 2000, J. Ashe, R. Brooks, Z. Falin; CR1ABF00 135 ex: flight intercept trap / SM0244763; KUNHM-ENT / Omalodes; sp.; A. Tishechkin det. 2007" 1 specimen (SMEK); "COSTA RICA: Heredia:; La Selva Biol. Res. Stn.; 3 Km S Puerto Viejo 80 m; 10°26'N 84°1'W 2-5-VI-2001; S. Chatzimanolis ex. flight; intercept trap CR1C01 011 / SM0747373; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Heredia:; La Selva Biol. Res. Stn.; 3 Km S Puerto Viejo 80 m; 10°26'N 84°1'W 8-11-VI-2001; S. Chatzimanolis ex. flight; intercept trap CR1C01 029 / SM0706411; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Heredia:; La Selva Biol. Res. Stn.; 3 Km S Puerto Viejo 80 m; 10°26'N 84°1'W 11-14-VI-2001; S. Chatzimanolis ex. flight; intercept trap CR1C01 037 / SM0706940; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Heredia:; La Selva Biol. Res. Stn.; 3 Km S Puerto Viejo 80 m; 10°26'N 84°1'W 13-26-VI-2001; S. Chatzimanolis ex. flight; intercept trap CR1C01 062 / SM0706560; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Heredia:; La Selva Biol. Res. Stn.; 3 Km S Puerto Viejo 80 m; 10°26'N 84°1'W 13-26-VI-2001; S. Chatzimanolis ex. flight; intercept trap CR1C01 062 / SM0706561; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Heredia:; La Selva Biol. Res. Stn.; 3 Km S Puerto Viejo 80 m; 10°26'N 84°1'W 18-20-VI-2001; S. Chatzimanolis ex. flight; intercept trap CR1C01 057 / SM0747527; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Heredia:; La Selva Biol. Res. Stn.; 3 Km S Puerto Viejo 80 m; 10°26'N 84°1'W 20-23-VI-2001; S. Chatzimanolis ex. flight; intercept trap CR1C01 060 / SM0728986; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Heredia: La Selva; Biol. Res. Stn. 3 Km S Puerto Viejo; 80 m 10°26'N 84°1'W 26-VI-2-VII-; 2001 S. Chatzimanolis ex. Flight; Intercept trap CR1C01 064 / SM0706666; KUNHM-ENT" 1 specimen (SMEK);"COSTA RICA: Heredia; Est. Biol. LaSelva; 10°26'N 84°01'W; Rotten bananas; 6 July 2001. A. Cline / LSAM; 0046785" 1 specimen (LSAM);"COSTA RICA: Heredia; Est. Biol. LaSelva; 10°26'N 84°01'W; Rotten bananas; 6 July 2001. A. Cline / LSAM; 0046786" 1 specimen (LSAM);"COSTA RICA: Heredia; Est. Biol. LaSelva; 10°26'N 84°01'W; Rotten bananas; 6 July 2001. A. Cline / LSAM; 0046787" 1 specimen (LSAM);"COSTA RICA: Heredia; Est. Biol. LaSelva; 10°26'N 84°01'W; Rotten bananas; 6 July 2001. A. Cline / LSAM; 0046788" 1 specimen (LSAM);"COSTA RICA: Puntarenas Prov.; Altamira Biol. Sta. 1510-1600m; 09°01.76'N, 83°00.49'W; 5-VI-2004. J.S. Ashe, Z. Falin, I. Hinojosa. Ex: arum fruit.; CR1AFH4 116 / SM0631081; KUNHM-ENT" 1 specimen (SMEK).

PANAMA:

"PANAMA: Coclé; 7.2 km NE. El Copé. 730m; 08°37'N,80°35'W. #140; 20 V-7 VI 1995, J. Ashe,; R. Brocks, fit. Intercept trap" 2 specimens (SMEK);"PANAMA: Chiriqui Prov.; La Fortuna, Cont. Divide; Trail, 08°46'N, 82°12'W; 1100 m, 23 V-9 VI 1995; J. Ashe, R. Brooks #157; ex: flight intercept trap" 2 specimens (SMEK);"PANAMA: Chiriqui; 27.7 km W Volcan; Hartmann's Finca, 1450 m; 8°51'48"N,82°44'36"W; 17 Jun 1996, J. Ashe,; R. Brooks PAN1AB96 169; ex: slash litter / SM0042080; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Bocas del; Toro, 11.7 km W; Punta Peña, 22 Feb.; 1999, R. Turnbow" 3 specimens (PCKC).

COLOMBIA:

"West Colombia; S. Amerika, 1909; A. H, Fassl / Rio Dagna 400m; West Colombia / *Omalodes*; *perpolitus* Schmidt; coll. Schmidt-; Bickhardt" 1 specimen (ZMHB).

ECUADOR:

"ECUADOR, 18km,; S. Tena, April; 28, 1978 CW&LB; O'Brien & Marshall" 1 specimen (PCKC);"ECUADOR, 18km,; S. Tena, April; 29, 1978 CW&LB; O'Brien & Marshall" 1 specimen (PCKC);"25 APR-6 JUN 1996, P. Hibbs; ECU1H96 002; ex: flight intercept trap; ECUADOR: Pichincha; Rio Palenque Science Centerm; 0°36'0"S,79°21'0"W, 200 / SM0091408; KUNHM-ENT" 1 specimen (SMEK);"ECUADOR: Esmeraldas; Bilsa Biological Station, 500 m; 0°20'24"N,79°42'36"W; 5 JUN-7 JUL 1996, P Hibbs; ECU2H96 001C, ex: Malaise trap / SM0169869; KUNHM-ENT" 1 specimen (SMEK).

Omalodes (*O.*) *pulvinatus* Erichson, 1834

TRINIDAD & TOBAGO:

"TRINIDAD: St. George Co.; Simla Research Station, 800ft.; Arima Valley, N. Range; 10°41'34"N, 61°17'22"W; May 26 – June 3, 2000; col. Alistair S. Ramsdale / Beneath rotten fruit,; on forest floor,; Premontane; Tropical Rainforest" 3 specimens (PCKC).

FRENCH GUIANA:

"GUYANE FRANÇAISE; Saül. 16-VIII-1980; piége à banana; leg. M. Maylin / Museum Leiden; [*Histeroidea*]-; collection; dr P. Kanaar / *Omalodes (s. str.)*; *pulvinatus*; Er.; det. P. Kanaar 1996" 2 specimens (PCKC);"GUYANE FRANÇAISE; Saül; XI-1980; leg. M. Duranton / Museum Leiden; [*Histeroidea*]-; collection; dr P. Kanaar / *Omalodes (s. str.)*; *pulvinatus*; Er.; det. P. Kanaar 1996" 1 specimen (PCKC);"FRENCH GUIANA: Reserve des Nouragues; 06.V.2010; 4°02'16"N 52°40'21"O; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Montagne des Chevaux; 30.VII.2010; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 06.X.2010; VIN 1; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 17.IX.2010; V1; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 30.IX.2010; V3; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 17.XI.2010; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 30.XI.2010; B1; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 30.XI.2010; VIN 1; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 30.XI.2010; VIN 3; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 30.XI.2010; FIT 6; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 10.XII.2010; B3; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 10.XII.2010; VIN 3; SEAG *leg.*" 5 specimens (DZUP);"FRENCH GUIANA: Saül; 20.XII.2010; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Saül; 20.XII.2010; B4; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 20.XII.2010; VIN 1; SEAG *leg.*" 5 specimens (DZUP);"FRENCH GUIANA: Saül; 20.XII.2010; VIN 4; SEAG *leg.*" 10 specimens (DZUP);"FRENCH GUIANA: Saül; 04.I.2011; SEAG *leg.*" 21 specimens (DZUP);"FRENCH GUIANA: Saül; 04.I.2011; B1; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 04.I.2011; B2; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 04.I.2011; VIN 1; SEAG *leg.*" 4 specimens (DZUP);"FRENCH GUIANA: Saül; 04.I.2011; VIN 4; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 04.I.2011; VIN 3; SEAG *leg.*" 11 specimens (DZUP);"FRENCH GUIANA: Saül; 11.I.2011; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Saül; 11.I.2011; P1; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 11.I.2011; B1; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Saül; 11.I.2011; VIN 1; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 11.I.2011; VIN 3; SEAG *leg.*" 6 specimens (DZUP);"FRENCH GUIANA: Saül; 17.I.2011; VIN 4; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 17.I.2011; Banane 1; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 17.I.2011; Banane 3; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Saül; 17.I.2011; VIN 3; SEAG *leg.*" 8 specimens (DZUP);"FRENCH GUIANA: Saül; 24.I.2011; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 24.I.2011; VIN 4; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 24.I.2011; Banane 4; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 24.I.2011; Banane 3; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Saül; 31.I.2011; 2B; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 31.I.2011; Banane 3B; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 07.II.2011; SEAG *leg.*" 7 specimens (DZUP);"FRENCH GUIANA: Saül; 14.II.2011; SEAG *leg.*" 4 specimens (DZUP);"FRENCH GUIANA: Saül; 23.II.2011; SEAG *leg.*" 5 specimens (DZUP);"FRENCH GUIANA: Saül; 28.II.2011; SEAG *leg.*" 11 specimens (DZUP);"FRENCH GUIANA: Montagne des Chevaux; 06.III.2011; Banane; SEAG *leg.*" 8 specimens (DZUP);"FRENCH GUIANA: Saül; 07.III.2011; SEAG *leg.*" 9 specimens (DZUP);"FRENCH GUIANA: Saül; 07.III.2011; Banane; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 07.III.2011; Banane 3B; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 14.III.2011; SEAG *leg.*" 14 specimens (DZUP);"FRENCH GUIANA: Saül; 14.III.2011; Banane 3B; SEAG *leg.*" 10 specimens (DZUP); "FRENCH GUIANA: Saül; 22.III.2011; SEAG *leg.*" 18 specimens (DZUP);"FRENCH GUIANA: Saül; 22.III.2011; Banane 3B; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 22.III.2011; Banane 3H; SEAG *leg.*" 2 specimens (DZUP); "FRENCH GUIANA: Saül; 30.III.2011; SEAG *leg.*" 31 specimens (DZUP);"FRENCH GUIANA: Saül; 14.IV.2011; SEAG *leg.*" 16 specimens (DZUP);"FRENCH GUIANA: Saül; 14.IV.2011; Banane; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 14.IV.2011; Banane 1B; SEAG *leg.*" 8 specimens (DZUP);"FRENCH GUIANA: Saül; 14.IV.2011; Banane 3B; SEAG *leg.*" 15 specimens (DZUP);"FRENCH GUIANA: Saül; 14.IV.2011; Banane 3H; SEAG *leg.*" 6 specimens (DZUP);"FRENCH GUIANA: Saül; 21.IV.2011; SEAG *leg.*" 9 specimens (DZUP);"FRENCH GUIANA: Saül; 21.IV.2011; Banane; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 21.IV.2011; Banane 3B; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 21.IV.2011; Banane 3H; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 28.IV.2011; SEAG *leg.*" 11 specimen (DZUP);"FRENCH GUIANA: Saül; 28.IV.2011; Banane; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Saül; 28.IV.2011; Banane 3B;

SEAG *leg.*" 7 specimens (DZUP);"FRENCH GUIANA: Saül; 28.IV.2011; Banane 3H; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 06.V.2011; SEAG *leg.*" 12 specimens (DZUP);"FRENCH GUIANA: Saül; 06.V.2011; Banane 2B; SEAG *leg.*" 7 specimens (DZUP);"FRENCH GUIANA: Saül; 06.V.2011; Banane 1H; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Montagne des Chevaux; 30.VIII.2011; Banane; SEAG *leg.*" 1 specimen (DZUP);"10/XII/1976, Nicolas Degallier col." 2 specimens (MPEG); "Cayenne. [without date], Dejean col." 1 specimen (ZMUC).

VENEZUELA:

"Tachira. (Fundacion Camp. Siberia), (Presa Honda), (1400m). 11-19/VII/1989, S. & J. Peck col." 1 specimen (CNC).

BRAZIL:

"BR - R.J. – Angra dos Reis; Faz. Japuhyba; L.T.F. IX-1945 / Omalodes; pulvinatus; Er.; Det. R. Wenzel 1969" 1 specimen (MZSP); "Amazonas; javarete; XII-1936; Camargo coll. / Omalodes; pulvinatus Er.; det. R. L. Wenzel 1969" 1 specimen (MZSP); "uraues; I-1937 / Omalodes; pulvinatus Er.; det. R. L. Wenzel 1969" 1 specimen (MZSP); "BRASIL : PA; Itaituba; Rio Tapajóz; VIII/1960 Dirings" 6 specimens (MZSP); "BRASIL : PA; Itaituba; Rio Tapajóz; XII/1960 Dirings" 1 specimen (MZSP); "BRASIL; Altamira; Rio Xingu; Est° Pará; XII-[19]63 Dirings" 4 specimens (MZSP); "BRASIL; Itaituba; (Rio Tapajoz); Pará; III-[19]64 Dirings" 1 specimen (MZSP); "BRASIL; Obidos; baixo Amazonas; I-[19]60 Dirings" 1 specimen (MZSP); "BRASIL : AM; Itacoatiara; VII/1959 Dirings" 1 specimen (MZSP); "BRASIL : AM; Itacoatiara; II/1961 Dirings" 2 specimens (MZSP); "BRASIL; Santaremsinho; Mun. de Itaituba; Rio Tapajoz – Pará; V-[19]62 Dirings" 4 specimens (MZSP); "BRASIL; Santaremsinho; Mun. de Itaituba; Rio Tapajoz – Pará; IX-[19]62 Dirings" 4 specimens (MZSP); "BRASIL; Santaremsinho; Mun. de Itaituba; Rio Tapajoz – Pará; III-[19]63 Dirings" 1 specimen (MZSP); "BRASIL : AM; Benj[Amin]. Constant; Rio Javari; X/1960 Dirings" 2 specimens (MZSP); "BRASIL : AM; Benj[Amin]. Constant; Rio Javari; XI/1962 Dirings" 1 specimen (MZSP); "BRAZIL: Rondonia. 62; km SW Ariquemes. Nr.; Fzda. Rancho Grande; 6-15-XII-1990. DA; Rider & JE Eger" 1 specimen (PCKC);"BRAZIL, RO 160-350m; vic. Caucalandia; 10°32'S 62°48'W; 14 Oct 1991; Leg. J. MacDonald / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]"1 specimen (PCKC);"BRAZIL, RO 160-350m; vic. Caucalandia; 10°32'S 62°48'W; 16 Oct 1991; Leg. J. MacDonald / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]"2 specimens (PCKC);"BRASIL: Rondonia; Fzda Rancho Grande; 10°32'S 62°48'W; XI.1991, S. Passoa" 2 specimens (PCKC);"BRAZIL: Rondonia, 62; km SW Ariquemes, nr.; Fzda. Rancho Grande; 5-17-X-1993 JE Eger; & LB & CW O'Brien" 4 specimens (PCKC);"BRAZIL: Rondonia,; 6.2km SW Arique-; mes, Fzda. Rancho; Grande, X-15-1993 / Collectors: C. W. & L. B. O'Brien" 1 specimen (PCKC);"BRASIL: Rondonia; 62km SW Ariquemes; near Fzda Rancho; Grande 8-20.IX.1994; J. E. Eger, collector / blacklight; trap" 2 specimens (PCKC);"BRAZIL: Rondonia; 62km SW Arique-; mes, Fzda. Rancho; Grande, XI-12-1994 / Onspiny; palm; flowers" 2 specimens (PCKC);"BRAZIL: Rondonia; 62km SW Arique-; mes, Fzda. Rancho; Grande, XI-12-1994 / Collectors:; C. W. & L. B. O'Brien" 1 specimen (PCKC);"BRAZIL: Rondonia; 62km SW Arique-; mes, Fzda. Rancho; Grande, XI-14-1994" 1 specimen (PCKC);"BRAZIL: Rondonia; 62km SW Arique-; mes, Fzda. Rancho; Grande, XI-14-1994 / Collectors:; C. W. & L. B. O'Brien" 2 specimens (PCKC);"BRAZIL: Rondonia; 62km SW Arique-; mes, Fzda. Rancho; Grande, XI-15-1994 / Collectors:; C. W. & L. B. O'Brien" 3 specimens (PCKC);"BRAZIL: Rondonia; 62km SW Arique-; mes, Fzda. Rancho; Grande, XI-16-1994 / Collectors:; C. W. & L. B. O'Brien" 1 specimen (PCKC);"BRAZIL: Rondonia; 62km SW Arique-; mes, Fzda. Rancho; Grande, XI-19-1994 / Collectors:; C. W. & L. B. O'Brien" 1 specimen (PCKC);"BRAZIL Rondonia; 62km SE Ariqueme; 5-16 Nov 1996; W. J. Hanson" 1 specimen (PCKC);"Roraima. Ilha Maracá. IX/1996, Vaz Mello col." 4 specimens (DZUP); "Pará. Óbidos. XI/1953, J. Brazilino col." 15 specimens (MNRJ); "XII/1953, J. Brazilino col." 2 specimens (MNRJ); "XI/1954, J. Brazilino col." 1 specimen (DZUP); "Óbidos. (Baixo Amazonas). IX/1962, Dirings col." 6 specimens (MZSP); "I/1970, Dirings col." 1 specimen (MZSP); "Itaituba. I/1961, Dirings col." 1 specimen (MZSP);"VI/1964, Dirings col." 1 specimen (MZSP); "Itaituba. (Rio Tapajóz). VIII/1960, Dirings col." 5 specimens (MZSP);"VI/1961, Dirings col." 1 specimen (MZSP); "Santaremsinho. V/1962, Dirings col." 2 specimens (MZSP);"III/1963, Dirings col." 1 specimen (MZSP); "Marajó-Breves. (Rio Caruacá). 22/II/1988, [without collector]" 1 specimen (MPEG); "Serra Norte. 23/VI/1986, W. Françacol." 1 specimen (MPEG);"4/VII/1985, R. B. Neto col." 3 specimens (MPEG);"24/VII/1985, R. B. Neto col." 1 specimen (MPEG); "Jacareacanga. X/1959, M. Alvarenga col." 1 specimen (DZUP);"XII/1968, M. Alvarenga col." 16 specimens (DZUP);"Amazonas. Itacoatiara. I/1961, Dirings col." 1 specimen (MZSP);"II/1961, Dirings col." 1 specimen (MZSP);"VII/1961, Dirings col." 1 specimen (MZSP); "Borba. (Rio Madeira). III/1943, A. Parko col." 1 specimen (MZSP);"IV/1943, A. Parko col." 1 specimen (MZSP); "Borba. IV/1943, A. Parko col." 1 specimen (MNRJ); "Benjamin Constant. X/1960, L. G. Pereira col." 1 specimen (DZUP);"XII/1960, Dirings col." 1

specimen (MZSP); “Tefé. V/1962, Dirings col.” 3 specimens (MZSP); “Manicoré. XI/1941, A. Parko col.” 1 specimen (MNRJ);“IX/1943, A. Parko col.” 6 specimens (MNRJ);“XI/1943, A. Parko col.” 1 specimen (MNRJ); “Manaus. VII/1941, A. Parko col.” 1 specimen (MNRJ), “XII/1941, A. Parko col.” 1 specimen (MNRJ); “Lábrea. (Ramal Apaeral, Km-09), (Sítio São Raimundo), (07°19’10” S – 64°40’07” W). VI/2006, F. F. Xavier col.” 1 specimen (INPA); “Rondônia. Vilhena. 4/XII/1986, C. Elias col.” 1 specimen (DZUP); “Acre. Xapurí. 5-7/IV/1996, A. Brebcovit col.” 1 specimen (MCNZ); “Senador Guiomard. (Reserva Catuaba). 29-30/IX/2006, O. Mielke & M. Casagrande col.” 1 specimen (DZUP); “Mato Grosso. Xingu. XI/1961, Alvarenga & Werner col.” 4 specimens (MZSP); “Espírito Santo. Linhares. 1-7/VIII/1972, C. Elias col.” 1 specimen (DZUP); “Conceição da Barra. 26/IX/1968, C. T. & C. Elias col.” 1 specimen (DZUP).

PERU:

“PERU: Huanuco; Tingo Maria region; 27 May-5 June 1937; F. Woytkowski / *Omalodes*; *foveola*; 187 *det. S. Mazur*” 1 specimen (SMEK).

BOLIVIA:

“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----]”1 specimen (LSAM);“Bolivia: Prov. Ichilo, Depto.; Santa Cruz, 3-5km SSE of Buena Vista, ±440m, Febr.; 5-12, 2000, 17°29’96”S,; 63°39’13”W, W. B. Warner” 1 specimen (PCKC);“BOLIVIA: SANTA CRUZ; 5 km SSE Buena Vista, Hotel; Flora y Fauna, 440m, forest; FIT, 63°39.128’W 17°29.925’S; 15-24.XII.2003-131, S. & J. Peck” 1 specimen (LSAM);“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----] / 6 May 2004; Banana; Trap” 14 specimens (LSAM);“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----] / 7 May 2004; Banana Trap” 2 specimens (LSAM);“BOLIVIA: Santa Cruz Dept.; 3.7km SSE Buena Vista; Hotel Flora y Fauna, ~400m; 17°29’S 63°33’W, A. Cline; 7-MAY-2004, ex: banana trap” 8 specimens (LSAM);“BOLIVIA: Santa Cruz; 3.7km SSE Buena Vista; Hotel Flora y Fauna; 17°29’S 63°33’W; A. R. Cline collr., [----] / 11 May 2004; Banana Trap” 1 specimen (LSAM); “Pcia. Ichilo. (Buenavista). I/1950, A. Martins col.” 1 specimen (MZSP), “II/1950, A. Martins col.” 1 specimen (MZSP); “Santa Cruz Pcia. (Nueva Maka). II/1951, A. Martinez col.” 1 specimen (MZSP).

Omalodes (*Omalodes*) *punctistrius* Marseul, 1853

MEXICO:

“MEXICO: Chiapas; Parque Laguna Belgica; VI-2-8-1991, banana traps; B. Ratcliffe, J. Ashe,; M. Jameson colls. / *Omalodes*; *foveola*; *det S. Mazur*” 1 specimen (SMEK).

NICARAGUA:

“NICARAGUA: Zelaya; Cerro Saslaya, 13°44’N,; 85°01’W, IV.1996, 700m; J. Maces & J Hernandez” 2 specimens (PCKC);“NICARAGUA: Granada Dept.; Reserva Domitila, 100m 11°42.50’N; 85°57.20’W, 6-9-VI-2002, R. Brooks,; Z. Falin, S. Chatzimanolis ex. flight; intercept trap, NIC1BFC02 255 / SM0538684; KUNHM-ENT” 1 specimen (SMEK).

COSTA RICA:

“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 19 Feb. 1992, W. Bell; ex: flight intercept trap” 1 specimen (SMEK);“COSTA RICA: Heredia; La Selva, 3.2 km SE; Puerto Viejo, 100m; 27 Mar. 1992, W. Bell; ex: flight intercept trap” 1 specimen (SMEK).

PANAMA:

“PANAMA: Canal; Zone, Fort; Kobbe VI-4-21-; 1985 E. G. Riley / human feces; pit-fall trap / [blue round label]” 1 specimen (SMEK);“PANAMA: Panama; 42km E Bayano Bridge; 9-10 Jan. 1988; MacDonald &

Schiefer / William H. Cross; Expedition / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]" 1 specimen (SMEK);"PANAMA: Panama; Parque Nacional Sober-; ania, 27 May 1996; R. Turnbow / feces baited; pitfall" 1 specimen (PCKC);"PANAMA: PANAMA PROV.; Barro Colorado Is. 40m; 9°11'N, 79°5'W 18-22-VI-2000; S. Chatzimanolis ex: flight; intercept trap PAN1C00 022 / SM0760428; KUNHM-ENT / *Omalodes*; *sp.*; A. K. Tishechkin det. 2007" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 24; June 2000 S. Chatzimanolis Ex.; miscellaneous coll. PAN1C00 023 / SM0553365; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 24; June 2000 S. Chatzimanolis Ex.; miscellaneous coll. PAN1C00 023 / SM0553367; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 21-22; July 2000 S. Chatzimanolis Ex. FIT; PAN1C00 082 / SM0553353; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 27-; 31 July 2000 S. Chatzimanolis Ex. FIT; PAN1C00 100 / SM0552949; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 27-; 31 July 2000 S. Chatzimanolis Ex. FIT; PAN1C00 101 / SM0571430; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Prov. Colón; Achiote - PN San Lorenzo; N 09°12' W 79°58' Cafetal A; Dist. 0m Tr. Intercepción; A. Mercado 16.III-1.VI.2008 / *Omalodes*; *sp. #2*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM).

VENEZUELA:

"VENEZUELA, Guigue; Eduardo Carabolao; 475m, 16-VIII-1996; H. Escalona / acquired from; L. Peña; Santiago de Chile / Museum Leiden; *Histeroidea-*; collection; dr P. Kanaar / *Omalodes (s. str.)*; *punctistrius*; Mars.; det. P. Kanaar 199[8]" 2 specimens (PCKC).

BRAZIL:

"Minas Gerais. Araguari. 5/XII/1921, Melin col." 1 specimen (MNRJ). "São Paulo. Barueri. 9/IX/1954, K. Lenko col." 1 specimen (MNRJ), "15/IX/1955, K. Lenko col." 1 specimen (MNRJ), "29/X/1955, K. Lenko col." 1 specimen (MNRJ). "Paraná. Serro Azul. III/1940, [without collector]" 1 specimen (MGAP); "Reserva Monjolinho. I/1944, [without collector] (Coleção F. Justus Jor)" 1 specimen (DZUP). "Santa Catarina. Itapiranga. II/1955, [without collector]" 4 specimens (MGAP). "Rio Grande do Sul. Pelotas. II/1955, [without collector] 1 specimen (MGAP).

Omalodes (*Omalodes*) *sinuaticollis* Marseul, 1853

BRAZIL:

"Bahia. Mucuri. II/1971, P. C. Elias col." 1 specimen (MZSP). "Espírito Santo. Rio Guandú. 4/XII/1920, F. Hoffmann col." 1 specimen (MNRJ), "10/XII/1920, F. Hoffmann col." 1 specimen (MNRJ), "15/XII/1920, F. Hoffmann col." 1 specimen (MNRJ), "19/XII/1920, F. Hoffmann col." 1 specimen (MNRJ); "Baixo Guandú. 15-21/IV/1970, C. T. & C. Elias col." 3 specimens (DZUP), "29/IV – 6/V/1970, C. T. & C. Elias col." 1 specimen (DZUP), "1/VI/1970, C. T. & C. Elias col." 1 specimen (DZUP), "26-30/XI/1970, C. Elias col." 1 specimen (DZUP). "Rio de Janeiro. Itatiaia. (700m). II/1959, W. Zikan col." 1 specimen (MNRJ). "Santa Catarina. Joinville. XII/1920, Schmith col." 1 specimen (MNRJ).

Omalodes (*Omalodes*) *seriatus* Schmidt, 1889

"10°32'00"S, 62°48'00"W; BRASIL: Rondônia; 62km SW Ariquemes; Fzda. Rancho Grande; 8-30.XI.1994, J. Eger / PKCD00069" 1 specimen (PCKC); "BRASIL: Rondônia; 62km SW Ariquemes; Fzda. Rancho Grande; 4-16.VIII.1997, J. E.; Eger, taken at night" 7 specimens (PCKC); "BRASIL: Rondônia, 62; km SW Ariquemes, nr.; Fzda. Rancho Grande, 3; -15.XII.1996, J. E. Eger" 1 specimen (PCKC).

Omalodes (*Omalodes*) *sobrinus* Erichson, 1834

“Hist.-Coll. (Coleoptera); Nr. 48756; *Omalodes sobrinus* Er. X; Columb. Moritz; Zool. Mus. Berlin” 5 specimens (ZMHB); “[illegible label] / *Omalodes*; *sobrinus* Erichs.; Muzo. Bodish; Coll. O. Thieme” 4 specimens (ZMHB); “Columb; Moritz. / coll. J. Schmidt / *sobrinus* Er.” 1 specimen (ZMHB); “Retalulen / *Omalodes*; *sobrinus* Er.; Coll. Schmidt-; Bickhardt” 1 specimen (ZMHB); “*Omalodes*; *sobrinus* Erichson; det. R. L. Wenzel 1974” 1 specimen (ZMHB).

MEXICO:

“Mexico; Kighf / *Omalodes*; *sobrinus* Er.; Coll. Schmidt-; Bickhardt” 2 specimens (ZMHB); “Mex.; *Homalodes*; *sobrinus* Er. / *sobrinus* Er.; Coll. Schmidt-; Bickhardt” 1 specimen (ZMHB); “Mirador; 6 / *Omalodes*; *sobrinus* Er.; Mexico; Coll. J. Flohr” 1 specimen (ZMHB); “[illegible label] / *sobrinus*; Er. / *Omalodes*; *sobrinus* Er.; Mexico; Coll. J. Flohr” 6 specimens (ZMHB); “MEXICO – Rosario Iza-; pa (Tuxtla Chico); E[d]o de Chiapas; 18-V-82; M. A. Morón, col. / Dentro y Bajo; Naranjas; descompuestas / [yellow round label]” 1 specimen (PCKC);“MEXICO: Veracruz; Coatepec, Briones; 17 a 23-VII-94; tr. fruta jardín; 6m, M. A. Morón / [yellow round label]” 1 specimen (PCKC);“MEXICO: Veracruz; Coatepec, Briones; 25-IX/1-X-94; tr. fruta jardín; M. A. Morón col. / [yellow round label]” 1 specimen (PCKC);“MEXICO: Veracruz; Coatepec Briones; 1450m 13-XI-94; tr. fruta jardín; M. A. Morón col. / [yellow round label]” 1 specimen (PCKC);“MEXICO: Veracruz; Coatepec Briones; 17-VI-95, 1350m; tr. fruta jardín; 6m, M. A. Morón / [yellow round label]” 1 specimen (PCKC).

GUATEMALA:

“GUATEMALA; Sta. Lucia Cotz; 2/11 May 1988; F. D. Parker / [red round label]” 1 specimen (PCKC);“GUATEMALA: Zacapa; 3.5km, SE La Union; 1500m, 23-25 June 1993; R. Brooks & J. Ashe #102; ex: flight intercept trap” 1 specimen (SMEK).

HONDURAS:

“HONDURAS: Cortéz; Yojoa Lake, Deer Island; 670 m, 22-26 June 1994; 14°55’N, 87°58’W; J. Ashe, R. Brooks #201; ex: flight intercept trap” 1 specimen (SMEK).

COSTA RICA:

“Costa Rica; Vau Pattern” 1 specimen (ZMHB); “COSTA RICA Punt.; Rincon de la Osa; 26 Jul 1966; D. Veirs / [red round label]” 2 specimens (PCKC);“COSTA RICA: Puntarenas; Corcovado National Park,; Sirena Stn. lower Ollas Trail, 5m; 8°24’48”N,83°55’22”W; 24-28 JUN 2000, Z. H. Falin; CR1ABF00 035; ex: flight intercept trap / SM0250273; KUNHM-ENT” 1 specimen (SMEK);“COSTA RICA: Puntarenas; Corcovado National Park,; Sirena Stn. lower Ollas Trail, 5m; 8°24’48”N,83°55’22”W; 24-28 JUN 2000, Z. H. Falin; CR1ABF00 035; ex: flight intercept trap / SM0250275; KUNHM-ENT” 1 specimen (SMEK);“COSTA RICA: Punta Prov.; Rincon de Osa, 50m; 8°41.141’N 83°31.117’W; 23-26-VI-2001, S. & J. Peck; 01-13, ex FIT, CR1P01 005 / SM0476278; KUNHM-ENT” 1 specimen (SMEK);“COSTA RICA: Punta Prov.; Rincon de Osa, 50m; 8°41.141’N 83°31.117’W; 23-26-VI-2001, S. & J. Peck; 01-13, ex FIT, CR1P01 005 / SM0476283; KUNHM-ENT” 1 specimen (SMEK);“COSTA RICA: Punta Prov.; Rincon de Osa, 50m; 8°41.141’N 83°31.117’W; 23-26-VI-2001, S. & J. Peck; 01-13, ex FIT, CR1P01 005 / SM0476286; KUNHM-ENT” 1 specimen (SMEK);“COSTA RICA: Punta Prov.; Rincon de Osa, 150m; 8°41.141’N 83°31.117’W; 23-26-VI-2001, S. & J. Peck; 01-14, ex FIT, CR1P01 006 / SM0563420; KUNHM-ENT” 1 specimen (SMEK).

PANAMA:

“PANAMA, C. Z.; Empire Range; Hill 162; 5 Jan 1987; J. R. MacDonald / *Omalodes sp.*; A. Tishechkin det. 1997 / [green round label]” 1 specimen (PCKC);“PANAMA: Panama Prov.; Lago Bayano, Isla de; Majé 17-20.XII.1988; R. G. Hancock FIT” 1 specimen (PCKC);“PANAMA: Panama; Pipeline Rd. 17-22 June; 1993, Steve Lingafelter; ex: flight intercept trap” 1 specimen (SMEK);“PANAMA: Panama; Barro Colorado Isd.; 09°11’N, 79°51’W; 15 July 1994, D. Banks; ex: flight intercept trap” 1 specimen (SMEK);“PANAMA: Panama; Barro Colorado Isd.; 09°11’N, 79°51’W; 21 July 1994, D. Banks; ex: flight intercept trap / Histeridae: Omalodini; Omalodes sp.; A. Tishechkin det’97” 1 specimen (SMEK);“PANAMA: Panama; Barro Colorado Isd.; 09°11’N, 79°51’W; 1 Aug. 1994, D. Banks; ex: flight intercept trap” 4 specimens (SMEK);“PANAMA:

Panama; Barro Colorado Isd.; 09°11'N, 79°51'W; 6 Aug. 1994, D. Banks; ex: flight intercept trap" 1 specimen (SMEK);"PANAMA: Colon; Parque Nac. Soberania; Pipeline Rd. Km 6.1; 09°07'N, 79°45'W 40m; 7-21 June 1995; J. Ashe, R. Brooks #265; ex: flight intercept trap" 1 specimen (SMEK);"PANAMA: Cocle; Altos de Campana; 21 May 1996; R. Turnbow" 2 specimens (PCKC);"PANAMA: Cocle; Altos de Campana; 25 May 1996; R. Turnbow" 1 specimen (PCKC);"PANAMA: Cocle; Altos de Campana; 26 May 1996; R. Turnbow" 2 specimens (PCKC);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 25; June 2000 S. Chatzimanolis Ex.; miscellaneous coll. PAN1C00 026 / SM0553414; KUNHM-ENT" 1 specimen (SMEK);"PANAMA: Panama Prov. Barro; Colorado Island 9°11'N, 79°51'W 7 July; 2000 S. Chatzimanolis Ex. on rotting; *Gustavia suberba* fruits. PAN1C00 048 / SM0571113; KUNHM-ENT" 1 specimen (SMEK);"PANAMÁ: Colón Pr., San; Lorenzo Forest. 9°17'N; 79°58'W. Flight Intercept; FIT-B3-2. 3-4.x.2003; A. Tishechkin – IBISCA'03 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-I1-12. 12-13 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-C1-13. 13-14 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest, STRI; crane site. 9°17'N 79°58'W; FIT-Z-2. 13-14 May 2004; A. Tishechkin. AT-428 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-R1-12. 18-19 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMA: Colón Prov.,; San Lorenzo Forest. 9°17'N; 79°58'W. Flight intercept; FIT-B1-14. 20-21 May 2004; A. Tishechkin. IBISCA'04 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMÁ: Prov. Colón; Achiote – P. N. San Lorenzo; N09°12' W 79°58' Cafetal A; Dist. -50m Tr. Intercepción; A. Mercado 7-21.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMÁ: Prov. Colón; Achiote – P. N. San Lorenzo; N09°12' W 79°58' Cafetal A; Dist. 0m Tr. Intercepción; A. Mercado 7-21.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMÁ: Prov. Colón; Achiote – P. N. San Lorenzo; N09°12' W 79°58' Cafetal A; Dist. 10m Tr. Intercepción; A. Mercado 7-21.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMÁ: Prov. Colón; Achiote – P. N. San Lorenzo; N09°12' W 79°58' Cafetal A; Dist. 50m Tr. Intercepción; A. Mercado 7-21.V.2007 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 2 specimens (LSAM);"PANAMÁ: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal C; Dist. 100 m Tr. Intercepción; A. Mercado 12-26.V.2008 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM);"PANAMÁ: Prov. Colón; Achiote – PN San Lorenzo; N 09°12' W 79°59' Pastizal B; Dist. 0 m Tr. Intercepción; A. Mercado 12-27.V.2008 / *Omalodes*; *sp. #1*; San Lorenzo Inventory; A. K. Tishechkin det. 2010" 1 specimen (LSAM).

VENEZUELA:

"VENEZUELA: Aragua; Rancho Grande Biol. Stn.,; Portachuelo Pass, 1100m; 10°21'0"N,67°41'0"W; 14 MAY 1998, J. Ashe, R. Brooks, R. Hanley; VEN1ABH98 035 ex: *Heliconia* inflorescence / SM0125457; KUNHM-ENT"1 specimen (SMEK);"VENEZUELA: Aragua; Rancho Grande Biol. Stn.,; Portachuelo Pass, 1100m; 10°21'0"N,67°41'0"W; 14 MAY 1998, J. Ashe, R. Brooks, R. Hanley; VEN1ABH98 035 ex: *Heliconia* inflorescence / SM0125461; KUNHM-ENT"1 specimen (SMEK).

FRENCH GUIANA:

"FRENCH GUIANA: Reserve des Nouragues; 06.V.2010; 4°02'16"N 52°40'21"O; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 29.X.2010; VIN 2; SEAG *leg.*" 2 specimens (DZUP);"FRENCH GUIANA: Saül; 17.XI.2010; FIT 6; SEAG *leg.*" 3 specimens (DZUP);"FRENCH GUIANA: Saül; 04.I.2011; B1; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 24.I.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 14.III.2011; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Saül; 22.III.2011; Banane 3B; SEAG *leg.*" 1 specimen (DZUP);"FRENCH GUIANA: Montagne des Chevaux; 30.VIII.2011; Banane; SEAG *leg.*" 1 specimen (DZUP).

ECUADOR:

"ECUADOR: Pichincha; Maquipucuna Biological Station; River Trail, 1200m; 0°7'34"N, 78°37'57"W; 27-29 OCT 1999, S. Marshall; ECU1F99 055; ex: yellow pan traps near treefall / SM0152209 / *Omalodes*; *sp.*; A.

Tishechkin det. 2000" 1 specimen (SMEK);"ECUADOR: Napo prov.; Yasuni National Park; (300m) 9-17.VIII.2000; legit. A. Sforzi, L. Bartolozzi / Museu Zoologico; "La Specola"; numero magazzino; 2323" 1 specimen (LSAM); "Las Pampas. VIII/1981, G. Onoré col." 1 specimen (CPND).

BRAZIL:

"Amapá. Serra do Navio. 3-4/IX/1996, P. Magno col." 3 specimens (MNRJ); "Pernambuco. Caruaru. IV/1972, M. Alvarenga col." 1 specimen (DZUP); "Caruaru. (900m). V/1972, Joaquim Lima col." 1 specimen (DZUP); "Espírito Santo. Linhares. 1-7/VIII/1972, C. Elias col." 9 specimens (DZUP); "8-14/VIII/1972, M. Alvarenga col." 8 specimens (DZUP); "8-14/VIII/1972, C. Elias col." 3 specimens (DZUP); "Conceição da Barra. 15-21/IX/1968, C. T. & C. Elias col." 1 specimen (DZUP); "11/VIII/1969, C. T. & C. Elias col." 1 specimen (DZUP); "26/VIII/1969, C. T. & C. Elias col." 2 specimens (DZUP); "4/IX/1969, C. T. & C. Elias col." 4 specimens (DZUP); "10/IX/1969, C. T. & C. Elias col." 2 specimens (DZUP); "29/XI/1969, C. T. & C. Elias col." 1 specimen (DZUP); "Santa Tereza. 7/XII/1964, C. Elias col." 1 specimen (DZUP); "Rio de Janeiro. Guanabara. (Represa Rio Grande). 5/X/1960, F. M. Oliveira col." 1 specimen (DZUP); "10/XI/1966, F. M. Oliveira col." 1 specimen (DZUP); "20/XII/1966, F. M. Oliveira col." 3 specimens (DZUP); "9/I/1967, F. M. Oliveira col." 6 specimens (DZUP); "7/X/1967, F. M. Oliveira col." 1 specimen (DZUP); "10/X/1967, F. M. Oliveira col." 1 specimen (DZUP); "15/X/1967, F. M. Oliveira col." 1 specimen (DZUP); "Corcovado. XI/1957, Seabra & Alvarenga col." 1 specimen (DZUP); "São Paulo. Piraju. 30/III – 7/IV/1996, G. Skuk, Dante Pavan, Vinicius X. da Silva col." 1 specimen (MZSP); "Paraná. Antonina. 19/I/1966, Marinoni & Azevedo col." 2 specimens (DZUP).

PERU:

"San Isidro; 600ft.; Champion / 85497 / *Homalodes*; *sobrinus*; Er." 1 specimen (ZMHB); "San Isidro; 600ft.; Champion" 2 specimens (ZMHB).

APPENDIX II