

# INDEX TO THE SPECIES OF THE FAMILY RHYNCHODEMIDAE (TURBELLARIA, TRICLADIDA, TERRICOLA)<sup>1),2)</sup>

## PART I: RHYNCHODEMINAE

by

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### SYNTHETIC INTRODUCTION TO TAXONOMY

#### A. HISTORICAL BACKGROUND TO THE FAMILY, SUBFAMILIES AND GENERA.

In relating historical development for the family Rhynchodemidae VON GRAFF, 1896, it is helpful to remember that the present system of two subfamilies arose slowly. There also has been confusion of definitions, especially for the genus *Rhynchodemus* LEIDY, 1851, as proposed by HEINZEL (1929). Rejection of various proposed classification schemes has occurred and no one scheme has been fully accepted. Our present Index records changes in names since VON GRAFF's (1899) work was published. As more complete knowledge is obtained about this interesting group of planarians, a new improved classification will emerge that represents biological principles and will assist classification of new forms.

The family Rhynchodemidae was introduced by VON GRAFF (1896, and also in 1899) for land planarians with two eyes near the anterior of the body, without tentacles or suckers and lacking a broad head plate. He included the following genera: *Rhynchodemus* LEIDY, 1851; *Platydemus* VON GRAFF, 1896; *Dolichoplana* MOSELEY, 1877; *Amblyplana* VON GRAFF, 1896; *Microplana* VEJDOVSKÝ, 1890; *Othelosoma* GRAY, 1869; and *Nematodemus* VON GRAFF, 1896. The genus *Cotyloplana* SPENCER, 1892, having anterior sucker-like secretory areas, was placed in its own family Cotyloplanidae VON GRAFF, 1896.

In VON GRAFF's (1899) classic monograph, he provided morphological and systematic foundations for all future work. Of particular value from a taxonomic standpoint was the descriptions of species, keys to genera and species, systematic summaries and outline of geographical

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1) Part of this study was presented at the Fifth International Symposium on the Biology of Turbellaria held at Göttingen, on August 9-14, 1987. Cf. OGREN's abstract entitled "Genera of the land planarian family Rhynchodemidae" (FISBT Abstracts, p. 91).

2) This paper is affectionately dedicated to the late Dr. Roman KENK who passed away on November 14, 1988, at Cupertino, California, U.S.A. He would have been 90 on November 25th. The deceased was recognized as the leading authority on turbellariology and was a respected friend of the authors. Sadly, Dr. (Mrs.) KENK (Ada) died shortly afterward (October 2) and now Roman has followed. Pray for the repose of souls of Dr. and Mrs. Roman KENK.

distributions. He (1899, pp. 84-85) indicated in his phylogenetic diagram there were two morphological groups in the Rhynchodemidae. He divided the genus *Rhynchodemus* into two groups of species, based on external features and musculature, consisting of outer circular and inner longitudinal layers, as well as parenchymal fibers.

Group A. Subepithelial longitudinal muscle layer is weak consisting of a single layer of separate fibers, whereas the parenchymal longitudinal bundles are strongly developed (*e. g. Rhynchodemus terrestris*).

Group B. Subepithelial longitudinal muscle layer is strong consisting of large, well-developed bundles, whereas the weak parenchymal longitudinal system is either sparse and loosely distributed or lacking completely (*e. g. Rhynchodemus sylvaticus*).

Although VON GRAFF (1899) realized that grouping of species around common anatomical features such as the above was possible within the Rhynchodemidae, he did not introduce subfamilies. In his final definitive treatise prepared for BRONN's Klassen und Ordnungen des Tier-reichs (VON GRAFF, 1912-1917), provided an annotated bibliography, revised summary of knowledge, revised generic definitions and another taxonomic key to the genera.

As new unusual land planarians were described investigators continued to introduce new genera and even families. The genus *Pseudartiocotylus*, was proposed by IKEDA (1911), for the single species *Pseudartiocotylus ceylonicus* which had an apical sense organ. However, insufficient information has prevented satisfactory placement of the genus into a scheme of classification. In 1926, the new family Digonopylidae FISCHER was proposed for the genus *Digonopyla* FISCHER, 1926, with a single peculiar species, *Digonopyla harmeri* (VON GRAFF, 1899) (*olim Dolichoplana harmeri*), which had separate external male and female gonopores, and was unique in having multiple mouths and pharynges.

The important work of MEIXNER (1928) on the reproductive organs of triclad planarians added further understanding to the morphology, phylogeny, ecology, and distribution of these animal groups. In his summary for copulatory organs of land triclads (Tricladida, Terricola), MEIXNER (*op. cit.*) observed in the Rhynchodemidae that those species with a penis papilla also frequently had a seminal bursa as in the marine triclads (Tricladida, Maricola). On the basis of copulatory organs, he described three groups in the Rhynchodemidae: In groups A & B there is a well-developed penis papilla and seminal bursa; in group C the penis papilla is absent, or greatly reduced, and the seminal bursa is lacking. Although these conclusions were not part of a new classification, they did emphasize correlation of copulatory organ morphology with other features.

The comprehensive work of HEINZEL (1929) made a significant step toward a new classification. (Unfortunately, his definitions of *Rhynchodemus* and Rhynchodeminae were opposite of the ones used today.) He provided a redescription and revision of the Rhynchodemidae with delineation of two subfamilies: Rhynchodeminae HEINZEL, 1929 (including genera *Rhynchodemus* LEIDY, 1851, after HEINZEL, *Artiocotylus* VON GRAFF, 1896, and *Pseudartiocotylus* IKEDA, 1911) and the subfamily Desmorhynchinae HEINZEL, 1929 (including genera *Desmorhynchus* HEINZEL, 1929, as a new genus, *Dolichoplana* MOSELEY, 1877, and *Platydemus* VON GRAFF, 1896). The Rhynchodeminae (which today we call Microplaninae !) he defined as having weak subepithelial musculature (Hautmuskelschlauch); with no enlarged development of longitudinal fibers; a well-developed penis was present. The Desmorhynchinae (which today we call Rhynchodeminae !) he stated had powerful subepithelial musculature consisting of large longitudinal bundles; the penis papilla was generally absent (except for the reduced condition in many species of the genus *Platydemus*).

The above-mentioned classification by HEINZEL (1929) was adopted and used by BRESSLAU

(1933). However, while the concept of two subfamilies was accepted, HEINZEL's (1929) terminology has not been adopted by major taxonomists. This has led to some confusion. The family Cotyloplanidae VON GRAFF, 1896, was merged into the Rhynchodemidae by DE BEAUCHAMP (1933, p. 117, see also 1939, p. 334) as the result of describing a new species of *Cotyloplana*, because he believed that the presence of the cephalic adhesive organ was not in itself sufficient reason for establishing a separate family.

The new genus *Diporodemus* was introduced by HYMAN (1938) for *Diporodemus yucatanii* which, in addition to the common genital pore, had a second external opening, the bursal pore, arising from the exit duct of the enlarged seminal bursa of the female organ. The male organ had a well-developed penis papilla. She described how this was not the same condition as found in *Digonopylia harmeri* which had separate external gonopores for male and female organs.

A new revised classification was next proposed by HYMAN (1943). She recognized two subfamilies defined according to HEINZEL (1929): 1) The subfamily Dolichoplaninae HYMAN, 1943, a new name (=Desmorhynchinae HEINZEL, 1929), included species having strong subepithelial longitudinal musculature as typified by *Rhynchodemus sylvaticus*; 2) The subfamily Geodesminae HYMAN, 1943, a new name (=Rhynchodeminae HEINZEL, 1929), included species having weak longitudinal musculature as typified by *Geodesmus terrestris*. She demonstrated that *Rhynchodemus sylvaticus* is the correct type species of the genus *Rhynchodemus* LEIDY, 1851, and not *Rhynchodemus terrestris* as erroneously used by HEINZEL (1929). And thus, *Desmorhynchus* HEINZEL, 1929, became a synonym of *Rhynchodemus*. For this reason, it was not appropriate to use the name Desmorhynchinae. Because of these nomenclatural problems HYMAN (*op. cit.*) believed it was better to introduce new subfamily names. However, following publication HYMAN (1954) realized that Dolichoplaninae could not be used since according to the International Code of Zoological Nomenclature (cf. ICZN, 3rd Ed., Art. 29 (a)); the type genus should be used as the word root for the family name and one of the subfamilies must have the same word root as the family, *viz.*, Rhynchodeminae. HYMAN (1954, p. 18), remarked that she realized her mistake and personally wrote in "Rhynchodeminae" as her correction of the reprint sent to Dr. CORRÊA of São Paulo. However, it was CORRÊA (1947), who carefully reviewed the historical changes which established the subfamily and HYMAN (*op. cit.*) graciously ascribed the correct usage of the Rhynchodeminae to Dr. CORRÊA. The two subfamilies delineated by HYMAN (1943) and CORRÊA (1947) were as follows: 1) Subfamily Rhynchodeminae CORRÊA, 1947 (genera: *Rhynchodemus* LEIDY, 1851 (= *Desmorhynchus* HEINZEL, 1929), *Dolichoplana* MOSELEY, 1877, and *Platydemus* VON GRAFF, 1896); 2) subfamily Geodesminae HYMAN, 1943 (=Rhynchodeminae HEINZEL, 1929) (genera: *Geodesmus* MECZNIKOW, 1866, *Artiocotylus* VON GRAFF, 1896, *Pseudartiocotylus* IKEDA, 1911, and *Diporodemus* HYMAN, 1938). HYMAN (1943) selected the genus *Geodesmus*, although its type species, *Geodesmus bilineatus*, was erroneously considered at the time to possess a penis papilla and have weak subepidermal musculature. It remained for CORRÊA (1947), followed later by PRUDHOE (1949) to introduce corrections of the two subfamilies, but both accepted the Geodesminae.

In the significant study by PANTIN (1950) it was shown that *Geodesmus bilineatus* did not have a penis papilla but was congeneric with *Rhynchodemus sylvaticus*, therefore, *Geodesmus* became a synonym of *Rhynchodemus*. Careful anatomical and systematic analyses by PANTIN (1953) introduced a more correct classification, leading the way for change. PANTIN (*op. cit.*) demonstrated that *Nematodemus lumbricoides* VON GRAFF, 1899 (a new genus and a new species VON GRAFF placed in the family Rhynchodemidae) was a Nemertean and not a Turbellarian, thus removing the genus and species from the family. He concluded that the genus *Microplana*, with the type of *Microplana humicola* VEJDOVSKÝ, 1890, was taxonomically available. For this reason he recommended that

*Microplana* now include the well-known species *Rhynchodemus terrestris* (MÜLLER, 1774) (olim *Fasciola terrestris*) and other similar species; and also concluded that the genera *Amblyplana* VON GRAFF, 1896, and *Artiocotylus* VON GRAFF, 1896, were junior synonyms of the genus *Othelosoma* GRAY, 1869. PANTIN (1953) proposed the following scheme of classification with two subfamilies: Subfamily 1: Rhynchodeminae CORRÊA, 1947: possession of strong subepithelial longitudinal muscle (genera: *Rhynchodemus* LEIDY, 1851, *Dolichoplana* MOSELEY, 1877, and *Platydemus* VON GRAFF, 1896); and subfamily 2: Microplaninae PANTIN, 1953: possession of weak subepithelial longitudinal muscle and penis papilla (genera: *Microplana* VEJDOVSKÝ, 1890, *Othelosoma* GRAY, 1869 (= *Artiocotylus* VON GRAFF, 1896; = *Amblyplana* VON GRAFF, 1896, in part), *Pseudartiocotylus* IKEDA, 1911, and *Diporodemus* HYMAN, 1938).

A new genus *Incapora* was introduced by DU BOIS-REYMOND MARCUS (1953) for a new species *Incapora weyrauchi* having ventral orifices leading from the gut. It was distinguishable from the genus *Digonopyla* FISCHER, 1926, because it lacked multiple pharynges, and from the genus *Diporodemus* HYMAN, 1938, because the additional pores were connected to the intestine and were not considered gonopores.

A revised classification was presented by HYMAN (1954) based on PANTIN (1953) to which was added under the Microplaninae the new genus *Orthodemus* HYMAN, 1954, for microplanid worms having a well-developed seminal bursa. She recognized the subfamily Rhynchodeminae CORRÊA, 1947 (genera: *Rhynchodemus* LEIDY, 1851, *Dolichoplana* MOSELEY, 1877, and *Platydemus* VON GRAFF, 1896); subfamily Microplaninae PANTIN, 1953 (genera: *Microplana* VEJDOVSKÝ, 1890, *Orthodemus* HYMAN, 1954 (type species: *Fasciola terrestris* MÜLLER, 1774), *Diporodemus* HYMAN, 1938, *Othelosoma* GRAY, 1869, and *Pseudartiocotylus* IKEDA, 1911).

A brief systematic review of the family Rhynchodemidae was done by DE BEAUCHAMP (1961, p. 117). Finally the new genus *Geobenazzia* was introduced by MINELLI (1974) with a new species *Geobenazzia tyrrhenica* as the type species having an adenodactyle in the male copulatory organ. A key paper reviewing the taxonomic status of terrestrial planarians of Europe was contributed by MINELLI (1977). He did not discuss HYMAN's (1954) classification using the genus *Orthodemus* hence, the old species *Fasciola terrestris* was retained in *Microplana* as suggested by PANTIN (1953). In their consideration of British planarians, BALL & REYNOLDSON (1981), utilized the subfamilies Rhynchodeminae CORRÊA, 1947, and Microplaninae PANTIN, 1953, but did not accept the genus *Orthodemus*. Several other investigators have been unwilling to recognize the validity of *Orthodemus* (cf. DE BEAUCHAMP, 1958, 1961; DU BOIS-REYMOND MARCUS, 1957; OGREN, 1984).

KAWAKATSU (1986) summarized both subfamilies in the Rhynchodemidae and their associated genera as follows: subfamily Rhynchodeminae (genera: *Rhynchodemus* LEIDY, 1851, *Dolichoplana* MOSELEY, 1877, *Platydemus* VON GRAFF, 1896, *Cotyloplana* SPENCER, 1892, and *Digonopyla* FISCHER, 1926); subfamily Microplaninae (genera: *Microplana* VEJDOVSKÝ, 1890, *Othelosoma* GRAY, 1869, *Pseudartiocotylus* IKEDA, 1911, *Diporodemus* HYMAN, 1938, *Incapora* DU BOIS-REYMOND MARCUS, 1953, and *Geobenazzia* MINELLI, 1974). He did not adopt the genus *Orthodemus* HYMAN, 1954.

A review of genera of the family Rhynchodemidae was presented by OGREN (1987) in poster sessions of the Fifth International Symposium on the Biology of Turbellaria held in Göttingen (August 9-14, 1987), and parts of the present introduction have developed from that material.

The status of classification in the Rhynchodemidae was made uncertain as the result of the publication of two articles by HASLAUER-GAMISCH (1981, 1982), in which two new families were introduced (Myriopharyngidae and Platydemidae) the validity of which was not sufficiently set forth. Our present judgement based only on the published accounts, is that both families are not valid. In

the "Myriopharyngidae" new family, the single new species *Myriopharynx tetracelis* HASLAUER-GAMISCH, 1981, with multiple mouths and pharynges appears to belong in the genus *Digonopyla* FISCHER, 1926, although sexual organs are unknown. The four new species of HASLAUER-GAMISCH (1982) (*Platydemus quadrilineatus*, *Platydemus renschi*, *Platydemus sumbawaeiensis*, and *Elattodemus steinböcki* as a new genus and new species) placed in the "Platydemidae" new family, are believed to belong in the family Geoplanidae STIMPSON, 1857, because of the presence of multiple eyes, and may belong to the genus *Caenoplana* MOSELEY, 1877<sup>3)</sup>, or *Kontikia* FROEHLICH, 1955, because of ventral testes.

## B. TAXONOMIC REVIEW OF THE GENERA.

The division of Rhynchodemidae into two distinct subfamilies greatly clarified the classification of species. However, description and systematics are difficult because comprehensive analysis of genera has not been undertaken. This is in part due to the following reasons: 1) the limited number of study specimens available, and absence in some cases of type material especially for those species described before 1900; 2) very few specimens collected will be in sexual maturity; 3) one may not always be able to return to a geographic location and collect land planarians previously reported to be present; 4) there are relatively few zoologists currently studying land planarians; 5) original description of a new species was frequently given only by external features of animals (turbellariologists should discard this old non-scientific practice which is still employed by some scholars today).

Perhaps this Index can serve to initiate such a comprehensive effort and will encourage other zoologists to develop taxonomic studies.

Some genera have been subjected to review and the land planarian species removed to other more correct genera, e. g., *Fasciola* LINNÉ, 1758, and *Planaria* MÜLLER, 1776. Other genera have been declared synonyms, e. g., *Geodesmus* MECZNIKOW, 1866, and *Artiocotylus* VON GRAFF, 1896, are junior synonyms of *Microplana* VEJDOVSKÝ, 1890; and *Desmorhynchus* HEINZEL, 1929, is a junior synonym of *Rhynchodemus* LEIDY, 1851; while *Pseudoartiocotylus* by BRESSLAU (1933) and *Par-artiocotylus* by MINELLI (1974) are junior synonyms of *Pseudartiocotylus* IKEDA, 1911. *Orthodemus* HYMAN, 1954, is now a junior synonym of *Microplana*.

Recent new genera (*Myriopharynx* and *Elattodemus*) proposed by HASLAUER-GAMISCH (1981, 1982) are still being evaluated. However, the synonyms used in the present Index are as follows: *Myriopharynx* is considered a junior synonym of *Digonopyla* FISCHER, 1926, of Rhynchodeminae; *Elattodemus* is considered a junior synonym of *Caenoplana* MOSELEY, 1877, or *Kontikia* FROEHLICH, 1955, in the family Geoplanidae.

There are still genera of concern with poorly known species such as *Amblyplana* VON GRAFF, 1896, with the type and most species transferred to *Othelosoma* GRAY, 1869, or *Microplana* VEJDOVSKÝ, 1890. Some other genera have only one species such as *Digonopyla* FISCHER, 1926, of Rhynchodeminae, *Pseudartiocotylus* IKEDA, 1911, and *Geobenazzia* MINELLI, 1974, of Microplaninae. These require further study and evaluation. The genus *Diporodemus* HYMAN, 1938, of Microplaninae requires evaluation because of limitations in applying its definition. Nevertheless, most genera are utilized successfully and contain the majority of species in the two subfamilies of Rhynchodemidae, namely: *Cotyloplana* SPENCER, 1892, *Dolichoplana* MOSELEY, 1877, *Platydemus* VON GRAFF, 1896, and *Rhynchodemus* LEIDY, 1851, of Rhynchodeminae; *Diporodemus* (?) HYMAN, 1938, *Incapora* DU BOIS-REYMOND MARCUS, 1953, *Microplana* VEJDOVSKÝ, 1890, and *Othelosoma* GRAY, 1869, of Microplaninae.

3) See pages 85-86: On the generic names of *Caenoplana* MOSELY, 1877, and *Coenoplana* MOSELEY, 1877.

The purpose of this section is to define the genera now accepted for each subfamily of Rhynchodemidae and consider their future usefulness. Definitions will be based on external features, histological structure of cross sections and longitudinal profile of the copulatory organ morphology. The systematic outline and some of the phraseology of HYMAN (1954) as well as other sources were used in preparing these descriptions. The type genus of the family Rhynchodemidae, the type genera of its two subfamilies, the type species of each genus, and the synonyms of family, subfamilies and genera will be listed at the beginning of the texts of the two Indices. The taxonomic key to the family, subfamilies and genera will be given in the next section of this paper.

#### FAMILY RHYNCHODEMIDAE VON GRAFF, 1896

Definition : Land planarians of elongate cylindroid form with two eyes near the simple, tapered anterior end ; no tentacles or head plate ; with well-defined creeping sole occupying part of the ventral surface. Anterior end may have a sucker organ on ventral surface (*Cotyloplana*).

#### SUBFAMILY RHYNCHODEMINAE CORRÊA, 1947

Definition : Rhynchodemidae with strong cortical musculature in which the subepithelial longitudinal muscle fibers are grouped into large, definite bundles ; penis papilla absent or greatly reduced (*Platydemus* in part).

#### GENUS *COTYLOPLANA* SPENCER, 1892

Definition : Rhynchodeminae, flattened body, with wide creeping sole ; one sucker, ventrally located, present at anterior of body in front of the creeping sole ; copulatory organs similar to *Platydemus* with large, spacious male antrum having a small, obtuse, penis papilla at its base through which the ejaculatory duct empties ; female organ simple, with narrow curved glandular duct, dorsally situated and opening by way of a reduced vagina into the dorsal part of the common genital antrum ; posterior diverticulum (or glandular sac) present.

#### GENUS *DIGONOPYLA* FISCHER, 1926

Definition : Rhynchodeminae with numerous pharynges and mouths ; no suckers ; usual condition of copulatory apparatus has a wall of tissue separating the gonopores, resulting in independent male and female openings ; copulatory organs as in *Platydemus* with minute penis papilla and dorsal entrance of vagina ; posterior diverticulum absent in the type species.

#### GENUS *DOLICHOPLANA* MOSELEY, 1877

Definition : Rhynchodeminae of very elongate flattened form, cross section broad and flattened with median dorsoventral indentation ; creeping sole of moderate width ; the rounded, slightly concave anterior end is bordered by glandular and sensory tracts ; two large retinal eyes located a short distance behind the anterior tip ; parenchymal longitudinal muscle fibers occur only ventral to the intestine ; male copulatory organ without penis papilla, antrum very large, elongate with many folds, opens into large elongated common antrum ; the short female, glandular duct and vagina open dorsally into the common antrum ; a prominent diverticulum (or glandular sac) opens from the posterior wall of common antrum near the gonopore.

The genus is very functional and members are characterized by a distinctive copulatory apparatus. The splendid article by CORRÊA (1947) reviews status of the various species, with an identification key.

#### GENUS *PLATYDEMUS* VON GRAFF, 1896

Definition : Rhynchodeminae of massive, plano-convex body, both ends tapered, with broad creeping sole ; with very large eyes ; anterior secretory and sensory tracts ; cross section broad, flattened, nerve cords plate-like ; male copulatory organ consists of a large chamber with folded epithelium and in most cases a short penis papilla ; female vagina opens from the dorsal aspect into

the large common antrum ; ventrally, a diverticulum (or glandular sac) opens from the posterior wall of the common antrum.

HYMAN (1954) states "*Platydemus* . . . is not on a very firm basis. Graff (1899, p. 204) gave a figure of the copulatory apparatus of the type species, *Platydemus grandis* (Spencer), 1892, from which it would appear that *Platydemus* may be a valid depository for rhynchodemines with a penis papilla". VON GRAFF's figure shows a small penis papilla projecting into the voluminous male antrum. There is also a small, short penis papilla in the male antrum of the following : *Platydemus manokwari* DE BEAUCHAMP, 1962 ; *Platydemus joliveti* DE BEAUCHAMP, 1972 ; *Platydemus van-heurni* DE BEAUCHAMP, 1929 ; *Platydemus longibulbus* DE BEAUCHAMP, 1972 ; and in *Platydemus lividus* VON GRAFF, 1899, as diagrammed by HYMAN (1940 a). However, the penis papilla is absent in three species : *Platydemus macrophthalmus* VON GRAFF, 1899 ; *Platydemus zimmermanni* DE BEAUCHAMP, 1952 ; and *Platydemus pindaudei* DE BEAUCHAMP, 1972. They greatly resemble the morphology of the copulatory apparatus in *Dolichoplana* (cf. DE BEAUCHAMP, 1972).

The morphology of the copulatory apparatus in *Platydemus* is distinctly different from that in *Rhynchodemus* LEIDY, 1851, since the former has the small penis papilla, diverticulum or glandular sac and dorsal entrance of the short vagina. On the other hand, when comparing *Platydemus* and *Dolichoplana* MOSELEY, 1877, the presence of the small penis papilla in the male antrum of the former, is a distinctive feature that does not appear to have been reported for *Dolichoplana* ; both genera have a ventral glandular diverticulum and a female canal which enters dorsally into the large, elongate common antrum.

OGREN's conclusion is to use *Platydemus* as the depository for those Rhynchodeminae which acquire a penis papilla in maturity, as HYMAN (1954) suggested. The species already assigned to the genus *Platydemus* but lacking sexual information, need to be reexamined to learn the morphology of the copulatory apparatus. Some species already reexamined have been assigned to different genera : e. g., *Platydemus africanus* VON GRAFF, 1899, to *Othelosoma* ; *Platydemus atropurpureus* VON GRAFF, 1899, to *Microplana* (cf. HYMAN, 1940 a) ; and *Rhynchodemus thwaitesii* MOSELEY, 1875 (VON GRAFF, 1899, classified the species in *Platydemus*), to *Microplana*. Obviously external features alone are not sufficient to serve as basis for definite assignment to *Platydemus* ; body transverse sections, histological data and sagittal profile of mature copulatory apparatus are also necessary.

Three *Platydemus* species (*macrophthalmus*, *zimmermanni* and *pindaudei*) which lack the penis papilla remain a taxonomic problem. Each must be evaluated separately. Their external features, as well as the morphology of the copulatory apparatus, which lacks the small penis papilla, resemble *Platydemus*. If this latter is a developmental or functional condition, its absence would not be sufficient reason to exclude a species from the genus. DE BEAUCHAMP (1972, p. 191) was also cautious on this point preferring to wait until sufficient numbers of species had been examined to make a reasonable judgement. For example, in *Platydemus zimmermanni*, the absence of the penis papilla may be a contingent condition (cf. DE BEAUCHAMP, 1952), since the worms appear to belong to a variable species complex resembling *Platydemus bistriatus* (GRUBE, 1868). If the species are linked in this complex, the failure of one species to develop the penis papilla would not in itself require removal of the species to another genus. Thus, OGREN is constrained to concur with DE BEAUCHAMP's (*op. cit.*) retention of these three species mentioned above in the genus *Platydemus* until further studies can be made and knowledge is available on the developmental and functional morphologies in the genus.

#### GENUS *RHYNCHODEMUS* LEIDY, 1851

Definition : Rhynchodeminae with elongate body, attenuated at both ends, with oval to round cross section, without peculiarities of parenchymal musculature or nervous system ; having a

creeping sole, occupying most of ventral surface; anterior end has sensory tracts and a pair of medium to large eyes situated close to anterior tip; mature male copulatory apparatus lacks a penis papilla, but develops large folds in the antrum only; and the female copulatory apparatus is simple, consisting of antrum and glandular duct without bursa or genito-intestinal connection.

This is an old and valid genus as defined above to which species can readily be assigned when sufficient information is known. Problems arise when only the juvenile condition of the copulatory apparatus is known (cf. OGREN, 1986). It is appropriate for species lacking a penis papilla, but not having the dolichoplanid morphology.

#### SUBFAMILY MICROPLANINAE PANTIN, 1953

Definition: Rhynchodemidae of generally short, plump, cylindroid form, anterior end often blunt; eyes often small or may be retrogressed; body wall with weak subepithelial musculature consisting of thin outer circular layer and single layer of longitudinal fibers inconspicuously developed and not aggregated into large bundles; male copulatory organ often complicated with well-developed penis papilla; female copulatory organ simple or complex, may have genito-intestinal connection, with or without seminal bursa with one or more exits.

#### GENUS *AMBLYPLANA* VON GRAFF, 1896

Definition: Microplaninae with plump, rounded body, two well-developed retinal eyes on the subcylindrical head; with narrow creeping sole; with well-developed bundle of parenchymal musculature and retractor muscle at anterior end of the body which pulls the front inwards. Cf. VON GRAFF (1896, p. 72, 1899, p. 507, 1916, p. 3220).

The original generic definition by VON GRAFF (1896) included the names of *Amblyplana flava* (MOSELEY, 1877) and *Amblyplana fusca* (MOSELEY, 1877), in that order. They were originally described in the genus *Rhynchodemus* by MOSELEY (1877). Following a careful study by PANTIN (1953), of these two species, *A. flava* (olim *Rhynchodemus flavus*) was transferred to the genus *Othelosoma* GRAY, 1869. However, he did not believe there was sufficient evidence to place this species in the Microplaninae or into *Othelosoma*. PANTIN (1953) also suggested that the new type species of the genus *Amblyplana* should be *Rhynchodemus fuscus* MOSELEY, 1877 (= *Amblyplana fusca* (MOSELEY) of VON GRAFF, 1896).

In response to PANTIN's (1953) suggestions, HYMAN (1954) believed VON GRAFF (1896) created the genus for a number of new species that he had (and that were described in the 1899 monograph), but he did not declare a type species. However, she indicated VON GRAFF (1899, pp. 507-508) may have meant *Amblyplana teres* VON GRAFF, 1899, to be the type. She also noted that *Amblyplana notabilis* VON GRAFF, 1899, which could have been declared a type, was the only species for which sexual anatomy was known among the 13 species placed by VON GRAFF in *Amblyplana* in his 1899 monograph. The species was transferred to *Othelosoma*. In his studies of African microplanids, MARCUS (1953, 1955 a) placed *Amblyplana flava* and *Amblyplana fusca* in *Othelosoma*: *O. flavum* (MOSELEY, 1877) and *O. fuscum* (MOSELEY, 1877). Also, DE BEAUCHAMP (1956) apparently accepted the name *Othelosoma fuscum*, during investigation of Belgian Congo species.

The first three *Amblyplana* species were described by VON GRAFF (1899) in the following order: no. 294, *A. teres*; no. 295, *A. fusca*; no. 296, *A. notabilis*. The first is now *Microplana teres* (VON GRAFF, 1899) and the other two have been transferred to the genus *Othelosoma*, i. e., *O. fuscum* (MOSELEY, 1877) and *O. notabile* (VON GRAFF, 1899). The species now remaining in the genus are known only from external features and cannot be transferred with confidence to another genus without further investigations.

OGREN does not believe *Amblyplana* is any longer a useful genus. Some reasons are: 1)



The possible type species *A. teres* was transferred to *Microplana* (see HEINZEL, 1929 ; MARCUS, 1953) and the other suggested type species are now in *Othelosoma*, indicating synonymy with two genera ; 2) External characters defining the genus do not allow it to be clearly separated from *Othelosoma*. For example, the retractable apical organ used by VON GRAFF (1896, 1899, 1916) to separate *Amblyplana* from *Othelosoma*, is found in both genera (see MARCUS, 1955 b, p. 124 ; *Othelosoma huntum* MARCUS, 1955). Moreover, the species remaining in *Amblyplana* are poorly described or lack sexual information, thus, one does not really know the features of those species which would be the "bed fellows" so to speak of a species newly transferred there. Because of this situation the genus *Amblyplana* has not been included in the key to genera (Section C) since according to rules of nomenclature it should be classed as a synonym of *Othelosoma* ; or of *Microplana* if *Amblyplana teres* is considered the correct type. There is in fact no recognized type for the species remaining in this genus, although VON GRAFF (1899) lists no. 297 *Amblyplana zenkeri* next in his descriptions, a little known species from the Cameroons of Africa.

#### GENUS *DIPORODEMUS* HYMAN, 1938

Definition : Microplaninae with large seminal bursa connected to the vagina by a canal (Beauchamp's canal) and also opening asymmetrically to the exterior by a bursal canal and pore situated behind the common gonopore ; with or without a genito-intestinal connection. Cited from HYMAN (1954, p. 12).

#### GENUS *GEOBENAZZIA* MINELLI, 1974

Definition : Microplaninae, copulatory apparatus has a conspicuous adenodactyl in the common genital antrum ; male organ is well-developed with large seminal vesicle and penis papilla ; female organ has a copulatory bursa (or seminal receptacle) connected by one duct, the vagina, which opens into the genital antrum ; also opening into the genital antrum near the vagina is a genito-intestinal duct which apparently does not communicate with the copulatory bursa.

#### GENUS *INCAPORA* DU BOIS-REYMOND MARCUS, 1953

Definition : Microplaninae...with two ventral orifices in the skin, from which tubes lead to the posterior limbs of the gut ; these limbs form a transanastomosis connected to the common ovovitelloduct by the bursal canal. Cited from DU BOIS-REYMOND MARCUS (1953, p. 73).

#### GENUS *MICROPLANA* VEJDOVSKÝ, 1890

Definition : Microplaninae with an elongate, rounded body, two small eyes ; preserved worms may have rounded anterior with greatest diameter anterior to mouth ; male copulatory organ consists of well-developed penis with muscular bulbus, bulbar cavity and elongate penis papilla projecting into short antrum ; female organ has one simple canal (vagina) entering the common genital antrum ; typically a genito-intestinal canal is present arising from vagina or behind the common ovovitelline duct ; seminal bursa can be present with a short connection (bursasteil, bursal canal, or proximal duct) to female tract, with or without connections to intestine, or bursa is blind lacking connections to intestine ; when bursa is absent a genito-intestinal connection is often present ; no adenodactyles, tentacles or suckers.

#### GENUS *OTHELOSOMA* GRAY, 1869

Definition : Microplaninae with rounded, elongated body, anterior may be blunt or inrolled, narrow, creeping sole reaches nearly to anterior tip. The seminal bursa is very large and communicates by two openings or by a common opening with two canals, a ductus vaginalis and a Beauchamp's canal, leading into the genital antrum. The dorsal anterior parenchymal musculature is very highly developed and may be differentiated as a discrete retractor muscle. Principally cited from PANTIN (1953, p. 216).

## GENUS *PSEUDARTIOCOTYLUS* IKEDA, 1911

Definition (in VON GRAFF, 1916, p. 3230): "Der riemenförmige Körper ist relativ kurz, besitzt ein zwischen den kleinen Augen liegendes uhrglasförmiges apikales Sinnesorgan und zwei neben dem Vorderende der schmalen Kriechleiste angebrachte längsovale Ambulakralgrübchen".

Characteristics of the genus are preliminary. Insufficient information in the original description does not allow for a suitable definition (cf. HEINZEL, 1929, p. 458; HYMAN, 1943, p. 20; DE BEAUCHAMP, 1930 b, p. 735, 1961, p. 120; see also PANTIN, 1953). IKEDA (1911, p. 121) suggests, but did not prove, a strong relationship between his species and *Artiocotylus speciosus* VON GRAFF, 1896; the latter is now classified as *Othelosoma speciosum* (VON GRAFF, 1896).

### C. TAXONOMIC KEY TO THE SUBFAMILIES AND GENERA OF RHYNCHODEMIDAE.

A. Eyes, one pair, large, globular, prominent; body form, rounded, oval, or flattened; anterior end can be tapered, slender and elongate; subepidermal longitudinal muscle fibers are aggregated into definite large bundles, obvious in transverse sections; copulatory apparatus, simple, without penis papilla (except in *Platydemus*, where it is very small); female organ without bursa or genito-intestinal connection; pharyngeal musculature more ordered with separate groups of circular and longitudinal fibers ..... **RHYNCHODEMINAE**

B. Eyes, one pair, small, angular, retrogressed; short, plump, cylindrical bodies; anterior end somewhat truncate; subepidermal longitudinal muscle fibers are not aggregated into bundles; copulatory apparatus with well-developed penis papilla and often a genito-intestinal duct system with seminal bursa; pharyngeal musculature with scattered fibers or intermixed circular and longitudinal fibers ..... **MICROPLANINAE**

#### A. **RHYNCHODEMINAE**:

1. With sucker area on ventral surface at anterior end ..... **COTYLOPLANA**  
Without ventral sucker area ..... 2

2. Common gonopore for copulatory organs; one mouth and pharynx ..... 3  
Many pharynges and mouths; separate male and female gonopores ..... **DIGONOPYLA**

3. Anterior end rounded, more truncate; body elongate, strap-shaped; cross section flattened, broad; parenchymal longitudinal muscle bands occur only ventral to the intestine; creeping sole occupies middle ventral third; copulatory organs with very elongate male antrum, no penis papilla; female organ with short dorsal duct largely as the glandular duct; ventral diverticulum is present ..... **DOLICHOPLANA**

Anterior end is attenuated, more pointed than above ..... 4

4. Body broad and flattened, massive; eyes very large; creeping sole, broad, occupying most of ventral surface; ventral nerve cord plate-like, very broad; copulatory apparatus with male antrum having large bulbar cavity, *a small penis papilla arises from the anterior wall of the chamber*; female canal enters dorsally into the genital antrum, glandular duct is large and recurved; a ventral diverticulum is present ..... **PLATYDEMUS**

Body small, elongate, rounded, planoconvex; creeping sole more in medial part of ventral surface; anterior end may have a cephalic hood with distinct demarcation; ventral nerve cord, medial and narrow; parenchymal longitudinal muscle is weak; copulatory apparatus has spacious male antrum with much folded walls, no penis papilla; female organ, simple, with long vagina and short, straight glandular duct ..... **RHYNCHODEMUS**

#### B. **MICROPLANINAE**:

1. Anterior end with two false suckers ..... **PSEUDARTIOCOTYLUS**  
Anterior end elongate, or rounded; sucker or adhesive organ may be present ..... 2

2. Ventral gonopore and one or more dermal-intestinal bursal pores .....3  
     Ventral gonopore the only reproductive opening .....4
3. Only one connection of seminal bursa to outside ..... *DIPORODEMUS*  
     More than one external canal opening to outside ..... *INCAPORA*
4. Anterior end truncate, often pulled inwards; dorsal anterior musculature often developed as a strong retractor muscle; large seminal bursa communicating with common genital antrum by two canals (ductus vaginalis and Beauchamp's canal); some species formerly in *Artiocotylus* can have two anterior suckers .....5  
     Anterior end tapered or blunt; retractor muscle generally absent; parenchymal muscle moderately well developed; bulbus and penis papilla vary muscular; female complex with genito-intestinal duct, seminal bursa or both, only one duct (vagina) entering the common antrum ..... *MICROPLANA*
5. No adenodactyl in male genital organ; retractor muscle typical; penis papilla elongate; seminal bursa is large, ducts enlarged; two ducts enter common genital antrum (ductus vaginalis and Beauchamp's canal) ..... *OTHELOSOMA*  
     An adenodactyl is present in male genital antrum; no retractor muscle; penis papilla is short; large bulbar cavity extends over gonopore; two ducts enter the common antrum from female organ, one is the vagina, the other is a duct from the seminal bursa ..... *GEOBENAZZIA*

\* \* \* \* \*

The present Index arose from the taxonomic needs of the authors in their investigations of land planarians. In many cases literature has been difficult to discover and obtain. Moreover, changes recommended by diverse scientists at different times have not always been incorporated into one single systematic work, hence, may have been overlooked or unknown to new investigators. We believe this Index will be of value to all future persons studying land planarians or making use of their names. We hope that it will provide some standardization for citations of names and literature. Part II of the present Index to the subfamily Microplaninae will be published in 1989, together with complete references (cf. OGREN & KAWAKATSU, Ms.). An Index of the family Geoplanidae also will be published in the near future (cf. OGREN & KAWAKATSU, Ms.).

As in our previous Index on *Bipalium* (OGREN & KAWAKATSU, 1987; see also its Additions and Corrections by OGREN & KAWAKATSU, 1988), an attempt is made to collect major known taxonomic information on all rhynchodemids of the world. The complete synonymy of the species is listed. The valid specific names are arranged in alphabetical order. Usually, new varieties published in original papers are treated as subspecies. Corrections of erroneous spellings of specific names have been made according to the International Code of Zoological Nomenclature (ICZN), Third Edition (1985). Variations in the spelling of individual names, which may be spelling errors, misprints, etc., are also listed.

In the subfamily Rhynchodeminae no new specific epithets are necessary, whereas the following new name is established in the subfamily Microplaninae: *Microplana gebavoeltzkowi* for *Amblyplana Voeltzkowi* GEB, 1909 (see page 85).

The following abbreviations are used in the Index: anon., anonymous; comb. nov., new combination; emend., emended name; nom. nov., new name; nom. nud., unavailable name (ICZN, art. 12, 13); n. sp., new species; n. var., new variety, listed only as used by original describers, but now

written in style of subspecies names.

For the citation of original figures in each paper, the following abbreviations are employed : AE, arrangement of eyes ; CP, parts of the body showing color patterns ; DB, dorsal view of the body ; DH, dorsal view of the head ; DVB, dorsal and ventral views of the body ; DVH, dorsal and ventral views of the head ; FCA, schematic figure of the copulatory apparatus ; FGO, schematic figure of the genital organs ; HI, histological figures ; PCA, photographs of the copulatory apparatus ; VB, ventral view of the body ; VH, ventral view of the head.

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Rhynchodemidae n. fam. von Graff, 1896.

Cotyloplanidae : von Graff, 1896.

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*Cotyloplana* n. g. Spencer, 1892 : 44.

Type species : *Cotyloplana whiteleggei* Spencer, 1892.

Literature : von Graff, 1896 : 69 ; von Graff, 1899 : 477 ; von Graff, 1916 : 3227 ; Marcus, 1953 : 25. Here placed under *Cotyloplana* and *Pelmatoplana* (in part) in Geoplanidae.

*Cotyloplana borneensis* de Beauchamp, 1933

*Cotyloplana borneensis* n. sp. de Beauchamp, 1933 : 117-119, fig 3 (DH, FCA). Kamborangah, Mt. Kinabalu, N. Borneo/E. Malaysia.

*Cotyloplana borneensis* : de Beauchamp, 1940 : 117 ; pl. XXVIII, figs. A-B (DH, FCA). Gunong Pulai, Johore/Malaysia.

*Cotyloplana borneensis* : Tu, 1940 : 219.

*Cotyloplana borneensis* : de Beauchamp, 1961 : 115, fig. 58 J (DH).

*Cotyloplana borneensis* : Kawakatsu, 1986 : 12-13.

*Cotyloplana diesingi* von Graff, 1899

*Cotyloplana diesingi* nom. nud. von Graff, 1897 : 113-114. S. Celebes/Indonesia.

*Cotyloplana diesingi* n. sp. von Graff, 1899 : 480 ; taf. XIX, fig. 38 (CP in color). Lompobatang, S. Celebes/Indonesia.

*Cotyloplana dugesi* von Graff, 1899

*Cotyloplana dugesi* nom. nud. von Graff, 1897 : 113-114. S. Celebes/Indonesia.

*Cotyloplana dugesi* n. sp. von Graff, 1899 : 479-480 ; taf. XIX, figs. 34-37 (DB, VH in color). Lompobatang, S. Celebes/Indonesia.

*Cotyloplana dugesi* : von Graff, 1912 : taf. XXXIV, figs. 26-27 (VH in color).

*Cotyloplana dugesi* : von Graff, 1914 : 2902, 2920.

*Cotyloplana magalophthalma* (Loman, 1890)

*Rhynochodemus megalophthalmus* n. sp. Loman, 1890 : 134-135 ; taf. XIII, fig. 15 (DB) ; XIII,

fig. 21 (E). Tjibodas, Java/Indonesia.

*Cotyloplana megalophthalma* : von Graff, 1899 : 479 ; taf. LII. figs. 1-6 (HI in color). Tjibodas, Java/Indonesia.

*Rhynchodemus megalophthalmus* : von Graff, 1914 : 2892.

*Cotyloplana nilgiriensis* Whitehouse, 1919

See *Pelmatoplana nilgiriensis* (Whitehouse, 1919). Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

*Cotyloplana pilleata* Whitehouse, 1915

*Cotyloplana pilleata* n. sp. Whitehouse, 1915 : 463-464 ; pl. XXX, figs. 27-31 (DB, DVH, CP). Yembung and Rotung districts, Assam/India.

*Cotyloplana punctata* Spencer, 1892

*Cotyloplana punctata* n. sp. Spencer, 1892 : 45 ; pl. V, figs. 5-8 (DVB, DH). Lord Howe Island, N. S. W./Australia.

*Cotyloplana punctata* : von Graff, 1896 a : 69.

*Cotyloplana punctata* : von Graff, 1899 : 208, text-fig. 57 (FCA) ; taf. LI, figs. 8-13 (HI in color), LV, fig. 1 (HI in color), LVIII, fig. 57 (FCA). Lord Howe Island.

*Cotyloplana punctata* : von Graff, 1912 : taf. XL, fig. 6 (HI), XLIV, fig. 4 (HI), XLIX, fig. 14 (HI).

*Cotyloplana punctata* : von Graff, 1913 : 2787, fig. 31 (HI), 2806.

*Cotyloplana punctata* : von Graff, 1917 : 3355.

*Cotyloplana punctata* : Steinböck, 1925 : 172.

*Cotyloplana punctata* : Bresslau, 1933 : 94, fig. 81 (1) (HI).

*Cotyloplana sharpi* von Graff, 1899

*Cotyloplana sharpi* nom. nud. von Graff, 1897 : 113-114. S. Celebes/Indonesia.

*Cotyloplana sharpi* n. sp. von Graff, 1899 : 480-481 ; taf. XIX, figs. 32-33 (DB, VH in color). Lompobatang, S. Celebes/Indonesia.

*Cotyloplana whiteleggei* Spencer, 1892

*Cotyloplana whiteleggei* n. sp. Spencer, 1892 : 44-45 ; pl. V, figs. 1-4 (DVB, DVH). Lord Howe Island, N. S. W./Australia.

*Cotyloplana whiteleggei* : von Graff, 1896 a : 69.

*Cotyloplana whiteleggei* : von Graff, 1899 : 478 ; taf. LI, figs. 1-7 (HI in color). Lord Howe Island.

*Cotyloplana whiteleggei* : von Graff, 1912 : taf. XXXIV, figs. 28-29 (DVH in color), XLI, fig. 45 (HI), XLIV, fig. 6 (HI).

*Cotyloplana whiteleggei* : von Graff, 1914 : 2902.

*Cotyloplana whiteleggei* : von Graff, 1917 : 3355.

*Cotyloplana whiteleggei* : Frieb, 1923 : 512.

*Cotyloplana whiteleggei* : Steinböck, 1925 : 178.

#### Genus *Desmorhynchus* Heinzel, 1929

*Desmorhynchus* n. g. Heinzel, 1929 : 460.

Type species : *Rhynchodemus vej dovskyi* von Graff, 1899.

Literature : de Beauchamp, 1930 a : 79 ; Hyman, 1943 : 19 ; Corrêa, 1947 : 59 ; Prudhoe, 1949 a : 427 ; Pantin, 1953 : 216. Here placed under *Rhynchodemus*.

*Desmorhynchus angustus* Hyman, 1941

See *Rhynchodemus angustus* (Hyman, 1941).

- Desmorhynchus bromelicola* (de Beauchamp, 1912)  
See *Rhynchodemus bromelicola* de Beauchamp, 1912.
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- Desmorhynchus inopinata* de Beauchamp, 1930  
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See *Rhynchodemus blainvillei* von Graff, 1899.
- Desmorhynchus* (*Rhynchodemus*) *hectori* (von Graff, 1897)  
See *Rhynchodemus hectori* von Graff, 1897.
- Desmorhynchus* (*Rhynchodemus*) *ochroleucus* var. *belli* (von Graff, 1899)  
See *Rhynchodemus ochroleucus belli* von Graff, 1899.
- Desmorhynchus* (*Rhynchodemus*) *pellucidus* (von Graff, 1899)  
See *Rhynchodemus pellucidus* von Graff, 1899.
- Desmorhynchus samperi* (Fuhrmann, 1914)  
See *Rhynchodemus samperi* Fuhrmann, 1914.
- Desmorhynchus schmardai* (von Graff, 1899)  
See *Rhynchodemus schmardai* von Graff, 1899.
- Desmorhynchus varians* (von Graff, 1899)  
See *Rhynchodemus varians* von Graff, 1899.
- Desmorhynchus vejdoskyi* (von Graff, 1899)  
See *Rhynchodemus vejdoskyi* von Graff, 1899.

Genus *Digonopyla* Fischer, 1926

*Digonopyla* n. g. Fischer, 1926: 261.

Type species: *Dolichoplana harmeri* von Graff, 1899.

Syn. *Myriopharynx* n. g. Haslauer-Gamisch, 1981.

Literature : Bresslau, 1933 : 283 ; Hyman, 1938 : 31 ; Haslauer-Gamisch, 1981 : 24.

*Digonopyla (Dolichoplana) harmeri* (von Graff, 1899)

See *Digonopyla harmeri* (von Graff, 1899).

*Digonopyla harmeri* (von Graff, 1899)

*Dolichoplana harmeri* nom. nud. von Graff, 1897 : 114. S. Celebes/Indonesia.

*Dolichoplana harmeri* n. sp. von Graff, 1899 : 536 ; taf. XIX, figs. 41-43 (DH, CP in color).

Kalkgrotten and Makasar (Makassar), S. Celebes/Indonesia.

*Digonopyla (Dolichoplana) harmeri* : Fisher, 1926 : 257-261, fig. 1 (FCA).

*Digonopyla harmeri* : Meixner, 1928 : 595.

*Digonopyla harmeri* : Hyman, 1938 : 26, 31.

*Dolichoplana harmeri* : Corrêa, 1947 : 60.

*Digonopyla harmeri* : Crezée, 1982 : 734-735.

*Digonopyla? tetracelis* (Haslauer-Gamisch, 1981) comb. nov.

Eine der Gattung *Digonopyla* (Herrn Prof. Meixner festgestellt werden) : Rensch, 1930 : 147-148.

The vicinity of Sita, W. of Badjawa (in the rain forest), West-Flores/Indonesia.

*Myriopharynx tetracelis* n. sp. Haslauer-Gamisch, 1981 : 23-54, figs. 1-25 (DVB, DH, CP, HI).

Komba Ndaro, 14 km W of Ende, near Küste, Flores/Indonesia.

Note : This new species was described under the n. fam. (Myriopharyngidae Haslauer-Gamisch, 1981) and n. g.

(*Myriopharynx* Haslauer-Gamisch, 1981). Since genital anatomy was not described, its taxonomic status is uncertain. Appears to belong in *Digonopyla* which is the only genus with multiple mouths and pharynges.

#### Genus *Dolichoplana* Moseley, 1877

*Dolichoplana* n. g. Moseley, 1877 : 286.

Type species : *Dolichoplana striata* Moseley, 1877.

Literature : von Graff, 1896 : 71 ; von Graff, 1899 : 531 ; von Graff, 1916 : 3229 ; Heinzel, 1929 : 460 ; Bresslau, 1933 : 283 ; Hyman, 1943 : 19-20 ; Corrêa, 1947 : 60-61 ; Prudhoe, 1949 a : 428 ; Pantin, 1953 : 216 ; Ball & Reynoldson, 1981 : 110. Here placed under *Dolichoplana* and *Microplana* (in part ; see under Microplaninae). Cf. Ogren & Kawakatsu, Ms.

*Dolichoplana bosci* von Graff, 1899

*Dolichoplana boschi* n. sp. von Graff, 1899 : 537-538 ; taf. XVIII, figs. 39-40 (CP in color).

Nossibé/Madagascar.

*Dolichoplana bosci* : Mell, 1903 : 232.

*Dolichoplana bosci* : Corrêa, 1947 : 60, 68.

*Dolichoplana carvalhoi* Corrêa, 1947

*Dolichoplana carvalhoi* n. sp. Corrêa, 1947 : 63-70, 75-81, pls. I-III, figs. 1-16 (DVB, DH, HI, FCA). São Paulo, S. P./Brazil.

*Dolichoplana calvalhoi* : Prudhoe, 1949 a : 428.

*Dolichoplana carvalhoi* : Froehlich, 1955 : 265, 269.

*Dolichoplana carvalhoi* : du Bois-Reymond Marcus, 1957 : 156.

*Dolichoplana carvalhoi* : Pfitzner, 1958 : 244-245, fig. 4 (map showing the geographical distribution of 3 *Dolichoplana* species).



*Dolichoplana carvalhoi* : de Beauchamp, 1972 : 187, 189.

***Dolichoplana conradti* von Graff, 1899**

*Dolichoplana conradti* n. sp. von Graff, 1899 : 536-537 ; taf. XIII, fig. 54 (CP in color). Bismarckburg/Togo.

*Dolichoplana conradti* : Mell, 1904 : 471.

*Dolichoplana conradti* : Corrêa, 1947 : 60, 68-69.

*Dolichoplana conradti* : Marcus, 1953 : 28, 54.

***Dolichoplana feildeni* von Graff, 1899**

*Dolichoplana feildeni* nom. nud. von Graff, 1896 : 75. Ceylon/Sri Lanka ; Singapore ; Java/Indonesia ; Guyana ; Barbados.

*Dolichoplana feildeni* n. sp. von Graff, 1899 : 86, fig. 4 C (HI), 199, fig. 50 (FCA), 242, fig. 84 A-D (VB), 533-535 ; taf. XVII, figs. 3-15 (DB, DH, CP in color), XLVII, figs. 6-12 (VB, HI in color), LVIII, fig. 50 (FCA). Buitenzorg, Java/Indonesia ; Singapore ; Ceylon/Sri Lanka ; Barbados.

*Dolichoplana feildeni* : Bendl, 1908 a : 551.

*Dolichoplana feildeni* : Bendl, 1908 b : 317.

*Dolichoplana feildeni* : Ikeda, 1911 : 115, 122.

*Dolichoplana Feildeni* : Southern, 1911 : 5-6. Orchid House of the Botanical Garden, Glasnevin, and the Botanic Garden at Dublin, Ireland/U. K.

*Dolichoplana feildeni* : von Graff, 1912 : 2656 ; taf. XXXVIII, fig. 1 (HI), XLII, figs. 7-9 (HI), XLVI, figs. 14-16 (HI), LIII, fig. 1 (HI).

*Dolichoplana feildeni* : von Graff, 1913 : 2706, 2715, 2756-2757, fig. 22 C (HI), 2765, 2815.

*Dolichoplana feildeni* : von Graff, 1914 : 2934, 2945.

*Dolichoplana feildeni* : von Graff, 1915 : 3019, fig. 133 (FCA), 3032, 3041.

*Dolichoplana feildeni* : von Graff, 1917 : 3364-3367.

*Dolichoplana feildeni* : Whitehouse, 1919 : 32-33 ; pl. XI, figs. 17-18 (DH, CP). Peradeniya, Ceylon/Sri Lanka.

*Dolichoplana feildeni* : Meixner, 1921 : 363.

*Dolichoplana feildeni* : Meixner, 1928 : 593.

*Dolichoplana feildeni* : de Beauchamp, 1929 : 419.

*Dolichoplana feildeni* : Heinzel, 1929 : 459-460.

*Dolichoplana feildeni* : de Beauchamp, 1930 a : 74 (note 1), 83.

*Dolichoplana feildeni* : de Beauchamp, 1933 : 120. Singapore.

*Dolichoplana feildeni* : Bresslau, 1933 : 249, fig. 246 (DVB).

*Dolichoplana Fieldeni* : Southern, 1936 : 69. Spelling error. Ireland/U. K.

*Dolichoplana feildeni* : de Beauchamp, 1939 a : 333.

*Dolichoplana feildeni* : Tu, 1940 : 219.

*Dolichoplana feildeni* : de Beauchamp, 1940 : 117. Fort Canning Road/Singapore.

*Dolichoplana feildeni* : Hyman, 1940 a : 359.

*Dolichoplana feildeni* : Hyman, 1943 : 19-20.

*Dolichoplana feildeni* : Corrêa, 1947 : 60-61, 64-66, 68-70.

*Dolichoplana feildeni* : Prudhoe, 1949 a : 428.

*Dolichoplana feildeni* : Ramakrishna, 1953 : 86-87. Pali Hills, Bandra, Bombay State/India.

*Dolichoplana feildeni* : Pfitzner, 1956 : 226-227, fig. 1 (DB). Berlin/W. Germany.

*Dolichoplana feildeni* : du Bois-Reymond Marcus, 1957 : 155-157.

- Dolichoplana feildeni* : Pfitzner, 1958 : 237-238, figs. 1-2 (DB), 240-244, fig. 4 (map showing the geographical distribution of 3 *Dolichoplana* species), 246, fig. 6 (DB), 247-249, 252-266, figs. 7-16 (DB, etc.), 273-278, figs. 22-26 (HI), 284-286, fig. 31 (I) (HI), 289-292, fig. 32 (DB), 293, 295-299, 301, 304, 306-308. Berlin/W. Germany.
- Dolichoplana feildeni* : de Beauchamp, 1972 : 187.
- Dolichoplana feildeni* : Abraham, 1974 : 230.
- Dolichoplana feildeni* : Minelli, 1976 : 97.
- Dolichoplana feildeni* : Kawakatsu, 1986 : 12-13.
- Dolichoplana harmeri* von Graff, 1899
- See *Digonopyla harmeri* (von Graff, 1899).
- Dolichoplana joubini* Hallez, 1894
- Dolichoplana Joubini* n. sp. Hallez, 1894 : 1-5. Cayenne/French Guiana (Guyane Française).
- Dolichoplana joubini* : von Graff, 1899 : 535 ; = *Dolichoplana feildeni* von Graff, 1899.
- Dolichoplana joubini* : Corrêa, 1947 : 60-61. Syn. of *Dolichoplana striata* Moseley, 1877.
- Dolichoplana joubini* : Prudhoe, 1949 a : 428.
- Dolichoplana mertoni* Schröder, 1916
- Dolichoplana mertoni* n. sp. Schröder, 1916 : 151. fig. 3 a-b (DB, CP). Wokam Island, Aru Islands (Kepulauan Aru)/Indonesia.
- Dolichoplana mertoni* : Corrêa, 1947 : 61, 68-69.
- Dolichoplana nietneri* (Humbert, 1862)
- Rhynchodemus Nietneri* n. sp. Humbert, 1862 : 306, 311 ; pl. figs. 4, 4a-4b (DB, DH). Ceylon/Sri Lanka.
- Rhynchodemus Nietneri* : Moseley, 1872 : 65. Ceylon.
- Rhynchodemus Nietneri* : Moseley, 1875 : 107.
- Rhynchodemus Nietneri* : Moseley, 1877 : 289.
- Dolichoplana nietneri* : von Graff, 1899 : 539-540 ; taf. XVII, figs. 33-34 (CP in color). Pundel Oya Valley (Punduloya), Ceylon/Sri Lanka.
- Dolichoplana nietneri* : Ikeda, 1911 : 122.
- Dolichoplana nietneri* : Corrêa, 1947 : 60, 69.
- Dolichoplana philippensis* Moseley, 1877
- See *Dolichoplana striata* Moseley, 1877.
- Dolichoplana picta* von Graff, 1899
- Dolichoplana picta* n. sp. von Graff, 1899 : 538-539 ; taf. XVII, figs. 22-25 (DB, DH, CP in color). Madagascar.
- Dolichoplana picta* : Mell, 1903 : 232.
- Dolichoplana picta* : de Beauchamp, 1929 : 419.
- Dolichoplana picta* : Hyman, 1940 a : 359.
- Dolichoplana picta* : Corrêa, 1947 : 61-62, 68-69.
- Dolichoplana procera* von Graff, 1899
- Dolichoplana procera* n. sp. von Graff, 1899 : 538 ; taf. XVII, figs. 26-27 (DB, DH in color), XLVIII, figs. 7-9 (DB, HI in color). Peleliu Island (Pelau-Insel Peleliu)/Palau Islands.
- Dolichoplana procera* : von Graff, 1913 : 2815, fig. 51 (HI), 2816, 2824, fig. 64 (HI).
- Dolichoplana procera* : Schröder, 1916 : 149-151, fig. 2 a-c (DB, DH). Kei-Inseln (Kepulauan Kai), Molluccas Islands (Maluku Kepulauan)/Indonesia.
- Dolichoplana procera* : Steinböck, 1924 : 502.

*Dolichoplana procera* : de Beauchamp, 1929 : 419-420. Grande Kei, Kepulauan Kai (300 m), Gn. Daab., Molluccas Islands (Maluku Kepulauan)/Indonesia. Syn. ? of *Dolichoplana striata* Moseley, 1877.

*Dolichoplana procera* : Hyman, 1940 a : 359-361.

*Dolichoplana procera* : Corrêa, 1947 : 61-62, 65, 69.

***Dolichoplana signata* von Graff, 1899**

*Dolichoplana signata* n. sp. von Graff, 1899 : 535-536 ; taf. XIV, figs. 20-24 (DB, DH, CP in color). Gunung Parbouw, Ambon (Amboina ; Amboyna), Ambon Island, Maluku Kepulauan/Indonesia.

*Dolichoplana signata* : Corrêa, 1947 : 60, 68-69.

***Dolichoplana striata* Moseley, 1877**

*Dolichoplana striata* n. sp. Moseley, 1877 : 281-282, 286, 289 ; pl. XX, fig. 25 (HI). Manilla/Philippines.

*Dolichoplana Philippensis* nom. nud. Moseley, 1877 : erroneous figure caption (pl. XX, fig. 25). Cf. von Graff, 1899, p. 531, footnote 3.

*Dolichoplana striata* : Hallez, 1893 : 119-120. Cited from von Graff, 1899 : 531.

*Dolichoplana striata* : von Graff, 1899 : 531-532 ; taf. XVII, figs. 16-21 (DH, CP in color). Manila/Philippines ; Madras/India ; Timorlaut Islands (Timor Laut) and Ambon (Amboina)/Indonesia.

*Dolichoplana striata* : von Graff, 1913 : 2794, fig. 46 (CP).

*Dolichoplana striata* : von Graff, 1917 : 3365.

*Dolichoplana striata* : de Beauchamp, 1929 : 419.

*Dolichoplana striata* : Heinzel, 1929 : 459.

*Dolichoplana striata* : Tu, 1940 : 219.

*Dolichoplana striata* : Hyman, 1940 a : 346-347, 358-361, fig. 13 (DVB). Ponape and Yap/line Islands ; Peleliu/Palau Islands.

*Dolichoplana striata* : Hyman, 1943 : 11, 19-20. Greenhouses, Forest Park, St. Louis, Missouri/U. S. A.

*Dolichoplana striata* : Corrêa, 1947 : 60, 65, 68-69.

*Dolichoplana striata* (= *feildeni*) : de Beauchamp, 1948 : 159.

*Dolichoplana striata* : Prudhoe, 1949 a : 428.

*Dolichoplana striata* : Hyman, 1951 : 158, fig. 61 F (DVB), 161.

*Dolichoplana striata* : Hyman, 1954 : 14-15.

*Dolichoplana striata* : Ogren, 1955 : 55.

*Dolichoplana striata* : Pfitzner, 1956 : 226-227.

*Dolichoplana striata* : Pfitzner, 1958 : 244-245, fig. 4 (map showing the geographical distribution of 3 *Dolichoplana* species).

*Dolichoplana striata* : Klots, 1960 : 33.

*Dolichoplana striata* : Uchida, 1965 : 65.

*Dolichoplana striata* : Froehlich, 1967 : 155-156. Syn. of *Dolichoplana feildeni* von Graff, 1896.

*Dolichoplana striata* : de Beauchamp, 1972 : 187-189, figs. 5-6 (FCA).

*Dolichoplana striata* : Kawakatsu, 1972 : 166.

*Dolichoplana striata* : Ball & Reynoldson, 1981 : 110-111, fig. 34 (DB). U. K. Syn. of *Dolichoplana feildeni* von Graff, 1896.

*Dolichoplana striata* : Ogren, 1981 : 55.

*Dolichoplana striata* : Cotton, 1985 : 546.

*Dolichoplana striata* : Anderson, 1986 : 141, 144. Ireland/U. K.

*Dolichoplana striata* : Jones, 1987 : 57.

*Dolichoplana striata* : Jones, 1988 : 9. Dublin, Ireland/U. K. (origin : South-east Asia).

*Dolichoplana striata* : Kawakatsu, 1988 : 166.

*Dolichoplana tristis* von Graff, 1899

*Dolichoplana tristis* n. sp. von Graff, 1899 : 535 ; taf. XIV, figs. 9-11 (DB, CP in color).

Ambon (Amboina ; Amboyna), Ambon Island, Maluku Kepulauan/Indonesia.

*Dolichoplana tristis* : Corrêa, 1947 : 60, 68-69.

*Dolichoplana voeltzkowi* von Graff, 1899

See *Microplana voeltzkowi* (von Graff, 1899). Microplaninae. Cf. Ogren & Kawakatsu, Ms.

*Dolichoplana vircata* du Bois-Reymond Marcus, 1957

*Dolichoplana vircata* n. sp. du Bois-Reymond Marcus, 1957 : 154-157, 180-181, pl. 1, figs. 1-6 (DH, CP, HI, FCA). Chanchamayo Valley (800 m)/Peru.

#### Genus *Elattodemus* Haslauer-Gamisch, 1982

*Elattodemus* n. g. Haslauer-Gamisch, 1982 : 57.

Type species : *Elattodemus steinböcki* Haslauer-Gamisch, 1982.

Here placed in *Caenoplana*, or *Kontikia*, in the family Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

*Elattodemus steinböcki* Haslauer-Gamisch, 1982

See *Caenoplana*? (or *Kontikia*?) *steinboeckii* (Haslauer-Gamisch, 1982). Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

Note : Dr. Haslauer-Gamisch described a new genus *Elattodemus* (type species : *Elattodemus steinböcki* Haslauer-Gamisch, 1982) in her new family Platydemidae (type genus : *Elattodemus* Haslauer-Gamisch, 1982). Since the generic definition is ambiguous, *Elattodemus* seems to be a synonym of genera *Caenoplana* Moseley, 1877, and *Kontikia* Froehlich, 1955, in the family Geoplanidae. She also described 3 new species of *Platydemus* (*quadrilineatus*, *renschii*, and *sumbawaeiensis*) under her new family Platydemidae. These species now appear to belong in the Geoplanidae under *Caenoplana*?, or *Kontikia*? Cf. Ogren & Kawakatsu, Ms.

#### Genus *Fasciola* - See Rhynchodeminae.

Trematode, Turbellarian and Nemertean. Cf. Kenk (1974, pp. 30-31) ; Ogren & Kawakatsu, Ms.

*Fasciola torva* Müller, 1774

See genus *Planaria* Müller, 1776. *Planaria torva* (Müller, 1774). Paludicola or Probalsalia.

#### Genus *Geodesmus* Mecznirow, 1866

*Geodesmus* n. g. Mecznirow, 1866 : 446-447.

Type species : *Geodesmus bilineatus* Mecznirow, 1866.

Literature : von Graff, 1899 : 484 ; von Graff, 1916 : 3230 ; Hyman, 1943 : 20 ; Pantin, 1949 a : 427 ; Pantin, 1953 : 216 ; Hyman, 1954 : 16-17. Here placed under *Rhynchodemus* (in part) ; see also under *Microplana* in Microplaninae. Cf. Ogren & Kawakatsu,

Ms.

*Geodesmus bilineatus* Meczniow, 1866

See *Rhynchodemus sylvaticus* (Leidy, 1851).

Genus *Geoplana* Stimpson, 1857

*Geoplana* n. g. Stimpson, 1857 : 24.

Type species : *Planaria vaginuloides* Darwin, 1844.

Here placed under *Rhynchodemus* (in part) and Geoplanidae ; for literature, see Ogren & Kawakatsu, Ms.

*Geoplana brasiliensis* (Blainville, 1826)

See *Planaria brasiliensis* Blainville, 1826 ; *Rhynchodemus taunayi* Diesing, 1861. Geoplanidae.

Cf. Ogren & Kawakatsu, Ms.

*Geoplana coxii* (Fletcher et Hamilton, 1888)

See *Rhynchodemus coxii* Fletcher et Hamilton, 1888. Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

*Geoplana sondaica* Loman, 1890

See genus *Pelmatoplana* von Graff, 1896. Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

*Geoplana (Rhynchodemus) sylvatica* (Leidy, 1851)

See *Rhynchodemus sylvaticus* (Leidy, 1851).

*Geoplana sylvatica* (Leidy, 1851)

See *Rhynchodemus sylvaticus* (Leidy, 1851).

*Geoplana testacea* (Hutton, 1880)

See *Rhynchodemus testaceus* Hutton, 1880. Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

Genus *Kontikia* Froehlich, 1955

*Kontikia* n. g. Froehlich, 1955 : 199.

Type species : *Kontikia orana* Froehlich, 1955. Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

*Kontikia orana* Froehlich, 1955

See genus *Kontikia* Froehlich, 1955. Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

*Kontikia?* *quadrilineata* (Haslauer-Gamisch, 1982)

See *Caenoplana?* (or *Kontikia?*) *quadrilineata* (Haslauer-Gamisch, 1982).

*Kontikia?* *renschii* (Haslauer-Gamisch, 1982)

See *Caenoplana?* (or *Kontikia?*) *renschii* (Haslauer-Gamisch, 1982).

*Kontikia?* *steinboeckii* (Haslauer-Gamisch, 1982)

See *Caenoplana?* (or *Kontikia?*) *steinboeckii* (Haslauer-Gamisch, 1982).

*Kontikia?* *sumbawaiensis* (Haslauer-Gamisch, 1982)

See *Caenoplana?* (or *Kontikia?*) *sumbawaiensis* (Haslauer-Gamisch, 1982).

Genus *Microplana* - See under Microplaninae.

Cf. Ogren & Kawakatsu, Ms.

*Microplana atropurpurea* (von Graff, 1899)

See *Platydemus atropurpureus* von Graff, 1899 ; *Rhynchodemus atropurpureus* (von Graff, 1899).  
Microplaninae. Cf. Ogren & Kawakatsu, Ms.

*Microplana howesi* (Scharff, 1900)

See *Microplana pyrenaica* (von Graff, 1893) ; *Rhynchodemus howesi* Scharff, 1900 ; *Rhynchodemus pyrenaicus* von Graff, 1893. Microplaninae. Cf. Ogren & Kawakatsu, Ms.

*Microplana pyrenaica* (von Graff, 1893)

See *Microplana howesi* (Scharff, 1900) ; *Rhynchodemus howesi* Scharff, 1900 ; *Rhynchodemus pyrenaicus* von Graff, 1893. Microplaninae. Cf. Ogren & Kawakatsu, Ms.

*Microplana scharffi* (von Graff, 1896)

See *Rhynchodemus scharffi* von Graff, 1896 a. Microplaninae. Cf. Ogren & Kawakatsu, Ms.

*Microplana thwaitesii* (Moseley, 1875)

See *Platydemus thwaitesii* (Moseley, 1875) ; *Rhynchodemus thwaitesii* Moseley, 1875. Microplaninae. Cf. Ogren & Kawakatsu, Ms.

*Microplana voeltzkowi* (von Graff, 1899)

See *Dolichoplana voeltzkowi* von Graff, 1899.

Genus *Myriopharynx* Haslauer-Gamisch, 1981

*Myriopharynx* n. g. Haslauer-Gamisch, 1981 : 24.

Type species : *Myriopharynx tetracelis* Haslauer-Gamisch, 1891.

See genus *Digonopyla* Fischer, 1926.

*Myriopharynx tetracelis* Haslauer-Gamisch, 1981

See *Digonopyla* ? *tetracelis* (Haslauer-Gamisch, 1981).

Genus *Othelosoma* - See under Microplaninae.

Cf. Ogren & Kawakatsu, Ms.

*Othelosoma africanum* (von Graff, 1899)

See *Platydemus africanus* von Graff, 1899. Microplaninae. Cf. Ogren & Kawakatsu, Ms.

Genus *Pelmatoplana* von Graff, 1896

*Pelmatoplana* n. g. von Graff, 1896 a : 65.

Type species : *Geoplana sondaica* Loman, 1890. Geoplanidae. For literature, see Ogren & Kawakatsu, Ms.

*Pelmatoplana nilgiriensis* (Whitehouse, 1919)

See *Cotyloplana nilgiriensis* Whitehouse, 1919. Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

Genus *Planaria* Müller, 1776

*Planaria* n. g. Müller, 1776 : 221.

Type species : *Fasciola torva* Müller, 1774.

Literature : Diesing, 1850 : 192-206 ; Schmarda, 1859 : 15, 30-31, 36-37 ; Mecznirow, 1866 : 433-447 ; Kenk, 1930 b : 293 ; Kenk, 1974 : 44. Here placed under *Rhynchodemus* (in part).

*Planaria brasiliensis* Blainville, 1826

See *Geoplana brasiliensis* (Blainville, 1826) ; *Rhynchodemus brasiliensis* (Blainville, 1826) ; *Rhynchodemus taunayi* Diesing, 1861. Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

*Planaria sylvatica* Leidy, 1851

See *Rhynchodemus sylvaticus* (Leidy, 1851).

*Planaria vaginuloides* Darwin, 1844

See genus *Geoplana* Stimpson, 1857. Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

#### Genus *Platydemus* von Graff, 1896

*Platydemus* n. g. von Graff, 1896 : 70-71.

Type species : *Rhynchodemus grandis* Spencer, 1892.

Literature : von Graff, 1896 a : 70-71 ; von Graff, 1899 : 514 ; von Graff, 1916 : 3229 ; Heinzl, 1929 : 459 ; Hyman, 1943 : 20 ; Pantin, 1953 : 216 ; Hyman, 1954 : 18 ; de Beauchamp, 1962 : 614. Here placed under *Platydemus*, *Othelosoma* (in part), and *Geoplana*?, or *Kontikia*? (in part), in Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

*Platydemus africanus* von Graff, 1899

See *Othelosoma africanum* (von Graff, 1899). Microplaninae. Cf. Ogren & Kawakatsu, Ms.

*Platydemus albicinctus* von Graff, 1899

*Platydemus albicinctus* n. sp. von Graff, 1899 : 529 ; taf. XVI, fig. 28 (DB in color), L, figs. 6-7 (HI in color). Peleliu Island (Palau-Insel Peleliu)/Palau Islands.

*Platydemus albicinctus* : von Graff, 1913 : 2813-2814, fig. 50 (DB).

*Platydemus albicinctus* : de Beauchamp, 1929 : 419.

*Platydemus assimilis* Wood, 1926

*Platydemus assimilis* n. sp. Wood, 1926 : 611-612, text-fig. 5 a, b (DVB). Barrington Tops, the southern end of the Mount Royal Range (ca. 260 km N of Sydney), New South Wales/Australia.

Note : Wood (1926) noted as follows : "The species closely resembles *Platydemus victoriae* Dendy, but it has the stripes more clearly defined and is very much darker in colour". Cf. *Platydemus victoriae* (Dendy, 1890).

*Platydemus atropurpureus* von Graff, 1899

See *Microplana atropurpurea* (von Graff, 1899) ; *Rhynchodemus atropurpureus* (von Graff, 1899). Microplaninae. Cf. Ogren & Kawakatsu, Ms.

*Platydemus bistriatus* (Grube, 1868)

*Rhynchodemus bistriatus* n. sp. Grube, 1868 : 46. Samoa (Fischerinseln ; see Note). Spelling error.

*Rhynchodemus bistriatus* (*Geodesmus*) : Moseley, 1875 : 107. Giessen (?).

*Rhynchodemus bistriatus* : Moseley, 1877 : 289. Samoa Islands (see Note).

*Rhynchodemus bistriatus* : Spencer, 1892 : 43. Samoa Islands (see Note).

*Platydemus bistriatus* : von Graff, 1899 : 527-528 ; taf. XVI, figs. 20-22 (DB, DVH in color). Viti Levu (Viti-Inseln)/Fiji.

*Platydemus bistriatus* : de Beauchamp, 1952 : 55-58, fig. 3 (FCA). Viti Levu, Tholo-i-Suva/Fiji. Syn. *Platydemus lineolatus* von Graff, 1899.

*Platydemus bistriatus* : de Beauchamp, 1962 : 614.

Note : The type locality for this species by Grube (1868) is "Fischerinseln" (*i. e.*, Samoa). von Graff (1899, p. 528) indicated that it was a *lapsus calmi*.

*Platydemus bivittatus* von Graff, 1899

*Platydemus bivittatus* n. sp. von Graff, 1899 : 528-529 ; taf. XIII, figs. 47-50 (DB, DVH, CP in color). Milne Bay, Samarai/Papua New Guinea (New-Guinea).

*Platydemus bivittatus* : von Linden, 1900 : 558.

*Platydemus bivittatus* : Heinzl, 1929 : 426-431, 458-459 ; taf. 10, figs. 1-2 (FGO), 11, fig. 1 (FCA).

*Platydemus bivittatus* : de Beauchamp, 1929 : 415. Syn. of *Platydemus macrophthalmus* von Graff, 1899.

*Platydemus bivittatus* : Corrêa, 1947 : 68.

*Platydemus bivittatus* : de Beauchamp, 1952 : 56.

*Platydemus bivittatus* : Marcus, 1955 b : 25.

*Platydemus bivittatus* : de Beauchamp, 1962 : 613.

*Platydemus bivittatus* : de Beauchamp, 1972 : 190.

*Platydemus boehmigi* Geba, 1909

*Platydemus boehmigi* n. sp. Geba, 1909 : 397 ; taf. 20, figs. 24-25 (DVB). Angasidga/Comoro Islands (Îles Comores).

*Platydemus Boehmigi* : von Graff, 1912 : 2639.

[nec *Rhynchodemus boehmigi* von Graff, 1899].

*Platydemus boholicus* von Graff, 1899

*Platydemus boholicus* n. sp. von Graff, 1899 : 523 ; taf. XV, figs. 29-30 (DB, CP in color). Bohól/Philippines.

*Platydemus boholicus* : von Graff, 1913 : 2794, fig. 45 (CP).

*Platydemus boholicus* : Tu, 1940 : 219. Spelling error.

*Platydemus conspersus* von Graff, 1899

*Platydemus conspersus* n. sp. von Graff, 1899 : 518-519 ; taf. XIV, fig. 31 (DB in color). Philippines.

*Platydemus conspersus* : Tu, 1940 : 219.

*Platydemus dubius* (Spencer, 1892)

*Rhynchodemus dubius* n. sp. Spencer, 1892 : 48-49, pl. 6, figs. 24-25 (DVB). Lord Howe Island, N. S. W./Australia.

*Platydemus dubius* : von Graff, 1899 : 523-524 ; taf. XV, fig. 19 (CP in color). Lord Howe Island, N. S. W./Australia.

*Platydemus fasciatus* (Spencer, 1892)

*Rhynchodemus fasciatus* n. sp. Spencer, 1892 : 46 ; pl. 5, figs. 9-10 (DVB). Lord Howe Island, N. S. W./Australia.

*Platydemus fasciatus* : von Graff, 1899 : 205, text-fig. 55 (FCA), 515-516 ; taf. XV, fig. 24 (CP in color), LVIII, fig. 55 (FCA). Lord Howe Island.

*Platydemus fasciatus* : Bendl, 1908 a : 550-552.

*Platydemus fasciatus* : Bendl, 1908 b : 316-318.

*Platydemus fasciatus* : Heinzl, 1929 : 459.

*Platydemus fasciatus* : Hyman, 1940 a : 359.

*Platydemus fasciatus* : de Beauchamp, 1952 : 56.

*Platydemus fasciatus* : de Beauchamp, 1962 : 614-615.

*Platydemus fletcheri* (Spencer, 1892)

*Rhynchodemus fletcheri* n. sp. Spencer, 1892 : 49 ; pl. 6, figs. 26-27 (DVB). Lord Howe Island, N. S. W./Australia.



*Platydemus fletcheri* : von Graff, 1899 : 528.

*Platydemus grandis* (Spencer, 1892)

*Rhynchodemus grandis* n. sp. Spencer, 1892 : 47-48 ; 47-48 ; pl. 6, figs. 14-19 (DVB). Lord Howe Island, N. S. W. / Australia.

*Platydemus grandis* : von Graff, 1899 : 204, text-fig. 54 (FCA), 516-517 ; taf. XVI, fig. 42 (DH in color), XLIX, figs. 1-14 (HI in color), L, figs. 1-3 (HI in color). Lord Howe Island, N. S. W. / Australia.

*Platydemus grandis* : von Linden, 1900 : 559.

*Platydemus grandis* : Bendl, 1908 a : 551.

*Platydemus grandis* : Bendl, 1908 b : 317.

*Platydemus grandis* : Ikeda, 1911 : 118.

*Platydemus grandis* : von Graff, 1912 : taf. XLIV, figs. 2-3 (HI), XLIV, fig. 11 (HI), XLVI, figs. 17-20 (HI), XLIX, figs. 16-19 (HI), LVI, fig. 1 (FCA).

*Platydemus grandis* : von Graff, 1913 : 2761, 2806.

*Platydemus grandis* : von Graff, 1914 : 2907, 2934-2935, 2943, 2945.

*Platydemus grandis* : von Graff, 1915 : 2991, 2994, 3030.

*Platydemus grandis* : de Beauchamp, 1929 : 419.

*Platydemus grandis* : Heinzel, 1929 : 459.

*Platydemus grandis* : Corrêa, 1947 : 67.

*Platydemus grandis* : Hyman, 1954 : 18.

*Platydemus grandis* : Marcus, 1955 b : 25.

*Platydemus grandis* : de Beauchamp, 1962 : 614.

*Platydemus insularis* von Graff, 1899

*Platydemus insularis* n. sp. von Graff, 1899 : 521 ; taf. XV, figs. 27-28 (DB in color). Peleliu Island (Palau-Insel Peleliu) / Palau Islands.

*Platydemus joliveti* de Beauchamp, 1972

*Platydemus joliveti* n. sp. de Beauchamp, 1972 : 181-183, figs. 1-2 (FCA). Mt. Wilhelm, Pindada Station (3625 m) / Papua New Guinea.

*Platydemus kraepelini* von Graff, 1899

*Platydemus kraepelini* n. sp. von Graff, 1899 : 519 ; taf. XIV, figs. 15-19 (DVB, DH, CP in color). Viti Levu (Viti-Inseln) / Fiji.

*Platydemus kraepelini* : de Beauchamp, 1952 : 58. Ovalau, near Vuma / Fiji.

Note : de Beauchamp (1952) considered this species and *Platydemus lineolatus* von Graff, 1899, to be synonyms of *Platydemus bistriatus* (Grube, 1868).

*Platydemus laterolineatus* (Spencer, 1892)

*Rhynchodemus laterolineatus* n. sp. Spencer, 1892 : 46-47 ; pl. 5, figs. 11-13 (DVB). Lord Howe Island, N. S. W. / Australia.

*Platydemus laterolineatus* : von Graff, 1899 : 99, text-fig. 5 C (HI), 517-518 ; taf. XVII, figs. 35-37 (CP in color), L, figs. 10-15 (HI in color). Lord Howe Island, N. S. W. / Australia.

*Platydemus laterolineatus* : von Graff, 1912 : taf. XXXIII, figs. 37-39 (CP).

*Platydemus laterolineatus* : von Graff, 1913 : 2790, fig. 35 C (HI).

*Platydemus laterolineatus* : von Graff, 1914 : 2937.

*Platydemus laterolineatus* : von Graff, 1917 : 3355.

*Platydemus laterolineatus* : Frieb. 1923 : 512.

*Platydemus leidyi* von Graff, 1899

- Platydemus leidy* nom. nud. von Graff, 1897 : 113-114. S. Celebes/Indonesia.
- Platydemus leidy* n. sp. von Graff, 1899 : 529 ; taf. XIX, figs. 39-40 (DB in color, etc.). Lompobatang, S. Celebes/Indonesia.
- Platydemus lineolatus* von Graff, 1899**
- Rhynchodemus lineolatus* nom. nud. Grube, Ms. Cited from von Graff, 1899 : 527.
- Platydemus lineolatus* n. sp. von Graff, 1899 : 526-527 ; taf. XVI, figs. 37-41 (DB, DH, CP in color). Viti Levu (Viti-Inseln)/Fiji.
- Platydemus lineolatus* : de Beauchamp, 1952 : 58. Syn. of *Platydemus bistriatus* (Grube, 1868).
- Platydemus lividus* von Graff, 1899**
- Platydemus lividus* n. sp. von Graff, 1899 : 524-525 ; taf. XV, fig. 3 (DB in color), L, figs. 4-5 (HI in color). Peleliu Island (Palau-Insel Peleliu)/Palau Islands.
- Platydemus lividus* : von Graff, 1913 : 2814-2815, fig. 53 (HI), 2816, fig. 54 (DB), 2820.
- Platydemus lividus* : Hyman, 1940 a : 355-359, figs. 10-11 (DB, FCA). Yap/Caroline Islands.
- Platydemus lividus* : de Beauchamp, 1952 : 58.
- Platydemus lividus* : Marcus, 1954 : 52.
- Platydemus lividus* : de Beauchamp, 1962 : 614-615.
- Platydemus longibulbus* de Beauchamp, 1972**
- Platydemus longibulbus* n. sp. de Beauchamp, 1972 : 183-185, fig. 3 (FCA). Mt. Wilhelm, Pindaba Station (3625 m)/Papua New Guinea.
- Platydemus luteicollis* von Graff, 1899**
- Platydemus luteicollis* n. sp. von Graff, 1899 : 519-520 ; taf. XIII, figs. 45-46 (DB in color). Milne Bay, Samarai/Papua New Guinea (Neu-Guinea).
- Platydemus macrophthalmus* von Graff, 1899**
- Platydemus macrophthalmus* n. sp. von Graff, 1899 : 520-521 ; taf. XIII, figs. 40-41 (DB, CP in color). Milne Bay, Samarai/Papua New Guinea (Neu-Guinea).
- Platydemus macrophthalmus* : von Graff, 1914 : 2920.
- Platydemus macrophthalmus* : de Beauchamp, 1929 : 415-417, fig. 3 (FCA). Mt. Doorman (3500 m), Nelle Guinée / Indonesia. Syn. *Platydemus bivittatus* von Graff, 1899.
- Platydemus macrophthalmus* : Bresslau, 1933 : 57, fig. 26 (5) (DB).
- Platydemus macrophthalmus* : Corrêa, 1947 : 68, 70.
- Platydemus macrophthalmus* : de Beauchamp, 1962 : 613-614.
- Platydemus macrophthalmus* : de Beauchamp, 1972 : 183, 190.
- Platydemus manokwari* de Beauchamp, 1962**
- Platydemus manokwari* n. sp. de Beauchamp, 1962 : 609-615, fig. 1 A-C (DH, FCA). Station de Manokwari, Netherlands New Guinea, Irian Jaya (Irian Barat)/Indonesia.
- Platydemus manokwari* : de Beauchamp, 1972 : 183, 190.
- Rhynchodemid turbellarian : Mead, 1979 : 72, fig. 3 (DB). Manokwari, Irian Jaya/Indonesia. Malaysia printed on page 72 is an error.
- Platydemus manokwari* : Murayama & Kawakatsu, 1982 : 7-9, fig. 1 A-E (DVB, etc.). Guam/U. S. A.
- Platydemus manokwari* : Muniappan, 1983 a : 172. Guam/U. S. A.
- Platydemus manokwari* : Muniappan, 1983 b : 43-46, figs. 1-2 (ecological figures). Guam/U. S. A.
- Platydemus manokwari* : Muniappan, Duhmel, Santiago & Acay, 1986 : 183-188, fig. 1-5 (ecological figures). Bugsk Island/Philippines.

- Platydemus manokwari* : Kawakatsu, Oki, Tamura, Sekiguchi & Ogren, 1987 : 21-24, figs. 3 A-E (DVE, DH), 5 A-B (FCA), 7 A-B (chromosomes), 8 E-F (idiograms). Guam/U. S. A. ; Bugsk Island/Philippines.
- Platydemus manokwari* : Oki, Tamura, Ogren & Kawakatsu, 1987 : 44.
- Platydeus manokwari* : Waterhouse & Norris, 1987 : 269, 271-273.
- Platydemus manokwari* : Muniappan, 1987 : 127-133 : figs. 3-4. Maldive (Maldives).
- Platydemus manokwari* : Ogren & Kawakatsu, 1988 : 99. New Guinea/West Irian (Irian Jaya ; Irian Barat).
- Platydemus manokwari* : Oki, Tamura, Ogren & Kawakatsu, 1989 (In press) : 139-144, fig. 1 E-F (idiograms ;  $n=6$ ,  $2x=12$ ). Guam/U. S. A. ; Bugsk Island/Philippines.
- Platydemus mediolineatus* (Spencer, 1892)
- Rhynchodemus mediolineatus* n. sp. Spencer, 1892 : 48 ; pl. 6, figs. 20-23 (DVB). Lord Howe Island, N. S. W./Australia.
- Platydemus mediolineatus* : von Graff, 1899 : 526 ; taf. XV, figs. 31-32 (CP in color). Lord Howe Island, N. S. W./Australia.
- Platydemus miniatus* von Graff, 1899
- Platydemus miniatus* n. sp. von Graff, 1899 : 520 ; taf. XV, figs. 17-18 (DB, DH in color). Peleliu Island (Palau-Insel Peleliu)/Palau Islands.
- Platydemus montanus* Mell, 1904
- Platydemus montanus* n. sp. Mell, 1904 : 484-488 ; taf. 17, figs. 13-18 (DVB, HI). Abera, Djamdjam (3100 m)/S. Ethiopia.
- Platydemus montanus* : Meixner, 1928 : 595.
- Platydemus montanus* : Marcus, 1953 : 28.
- Platydemus montanus* : Marcus, 1955 b : 25.
- Platydemus moseleyi* (Fletcher et Hamilton, 1888)
- Rhynchodemus Moseleyi* n. sp. Fletcher & Hamilton, 1888 : 371 ; pl. V, figs. 9-10 (DB, DH). Beaudesert Hills, Guntawang, N. S. W./Australia.
- Rhynchodemus moseleyi* : Dendy, 1895 a : 189.
- Rhynchodemus moseleyi* : Dendy, 1895 b : 732-733. Syn. (?) *Rhynchodemus niger* Fletcher et Hamilton, 1888 ; *Rhynchodemus obscurus* Fletcher et Hamilton, 1888 ; *Rhynchodemus trilineatus* Fletcher et Hamilton, 1888 ; *Rhynchodemus simulans* Dendy, 1892.
- Rhynchodemus Moseleyi* : Dendy, 1895 c : 399. Albert Park, Auckland/New Zealland.
- Rhynchodemus moseleyi* : Dendy, 1895 d : 20. Cited from von Graff, 1899 : 522.
- Platydemus moseleyi* : von Graff, 1899 : 522-523. Beaudessert Hills and Guntawang, N. S. W./Australia.
- Platydemus niger* (Fletcher et Hamilton, 1888)
- Rhynchodemus niger* n. sp. Fletcher & Hamilton, 1888 : 374. Guntawang, New South Wales/Australia.
- Rhynchodemus niger* : Dendy, 1895 b : 733. Syn. of *Rhynchodemus moseleyi* Fletcher et Hamilton, 1888.
- Platydemus niger* : von Graff, 1899 : 518. Guntawang, N. S. W./Australia.
- Platydemus pindaudei* de Beauchamp, 1972
- Platydemus pindaudei* n. sp. de Beauchamp, 1972 : 185-187, fig. 4 (FCA). Mt. Wilhelm, Pindaude Station (3624 m)/Papua New Guinea.
- Platydemus quadrilineatus* Haslauer-Gamisch, 1982

See *Caenoplana?* (or *Kontikia?*) *quadrilineatus* (Haslauer-Gamisch, 1982). Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

Note : See also *Elattodemus steinböcki* Haslauer-Gamisch, 1982, in the present list.

***Platydemus quadristriatus* (Grube, 1868)**

*Rhynchodemus quadristriatus* n. sp. Grube, 1868 : 46. Samoa (see Note).

*Rhynchodemus quadristriatus* : Moseley, 1875 : 107. Samoa Islands (see Note).

*Rhynchodemus quadristriatus* : Moseley, 1877 : 289. Samoa Islands (see Note).

*Rhynchodemus quadristriatus* : Spencer, 1892 : 43. Samoa Islands (see Note).

*Platydemus quadristriatus* : von Graff, 1899 : 530 ; taf. XVII, figs. 28-29 (DVB in color). Tongatapu (Tonga Tabu) Group/Tonga.

*Platydemus quadristriatus* : Prudhoe, 1949 b : 255.

Note : The type locality published for this species by Grube (1868) was "Fischerinseln" (*i. e.*, Samoa). However, von Graff (1899, p. 530) indicated that this was a *lapsus calami*, since in the museum records the locality, in Grube's own handwriting, was given as Tonga Tabu.

***Platydemus renschi* Haslauer-Gamisch, 1982**

See *Caenoplana?* (or *Kontikia?*) *renschii* (Haslauer-Gamisch, 1982). Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

Note : See also *Elattodemus steinböcki* Haslauer-Gamisch, 1982, in the present list.

***Platydemus septemstriatus* von Graff, 1899**

*Platydemus septemstriatus* n. sp. von Graff, 1899 : 526 ; taf. XVI, fig. 29 (DB in color). Peleliu Island (Palau-Insel Peleliu)/Palau Islands.

***Platydemus sumbawaeiensis* Haslauer-Gamisch, 1982**

See *Caenoplana?* (or *Kontikia?*) *sumbawaeiensis* (Haslauer-Gamisch, 1982). Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

Note : See also *Elattodemus steinböcki* Haslauer-Gamisch, 1982, in the present list.

***Platydemus tabatteldili* von Graff, 1899**

*Platydemus tabatteldili* n. sp. von Graff, 1899 : 520 ; taf. XV, fig. 6 (DB in color). Peleliu Island (Palau-Insel Peleliu)/Palau Islands.

***Platydemus thwaitesii* (Moseley, 1875)**

See *Microplana thwaitesii* (Moseley, 1875) ; *Rhynchodemus thwaitesii* Moseley, 1875. Microplaninae. Cf. Ogren & Kawakatsu, Ms.

***Platydemus trilineatus* (Fletcher et Hamilton, 1888)**

*Rhynchodemus trilineatus* n. sp. Fletcher & Hamilton, 1888 : 373 ; pl. V, figs. 11-12 (DB, DH). Guntawang, N. S. W./Australia.

*Rhynchodemus trilineatus* : Dendy, 1895 b : 733. Syn. of *Rhynchodemus moseleyi* Fletcher et Hamilton, 1888.

*Platydemus trilineatus* : von Graff, 1899 : 522. Guntawales, N. S. W./Australia.

***Platydemus vanheurni* de Beauchamp, 1929**

*Platydemus van-heurni* n. sp. de Beauchamp, 1929 : 417-419, figs. 4-5 (VB, FCA). Pont de Rotan (200 m) and Mt. Doorman (2400 m), Netherlands New Guinea, Irian Jaya (Irian Barat)/Indonesia.

*Platydemus van-heurni* : de Beauchamp, 1962 : 614.

*Platydemus van-heurni* : de Beauchamp, 1972 : 191.

***Platydemus victoriae* (Dendy, 1890)**

*Rhynchodemus victoriae* n. sp. Dendy, 1890 : 79 ; pl. 7, figs. 15, 15 a (DVB). Croajingolong,

Victoria / Australia.

*Rhynchodemus victoriae* : Dendy, 1892 : 26-27.

*Rhynchodemus victoriae* var. *steelii* n. var. Dendy, 1895 b : 733-734. Blue Mountains, Wentworth Falls and Blackheath, N. S. W. / Australia.

*Platydemus victoriae* : von Graff, 1899 : 525 ; taf. XV, figs. 20-21 (DVH in color). Croajingo-long in Victoria and Blue Mountains in New South Wales / Australia.

*Platydemus victoriae* : Wood, 1926 : 613.

*Platydemus victoriae* : Heinzel, 1929 : 431-433, 459 ; taf. 10, fig. 3 (FGO), 11, fig. 2 (FCA).

*Platydemus victoriae* : de Beauchamp, 1952 : 56.

*Platydemus victoriae* : Marcus, 1955 b : 25.

*Platydemus victoriae* : de Beauchamp, 1962 : 614.

*Rhynchodemus victoriae* : Winsor, 1977 : 144. Eastern Highlands, Victoria / Australia.

*Platydemus victoriae* var. *steelii* (Dendy, 1895)

See *Platydemus victoriae* (Dendy, 1890).

*Platydemus zimmermanni* de Beauchamp, 1952

*Platydemus zimmermanni* n. sp. de Beauchamp, 1952 : 58-62, figs. 4-5 (DB, FCA). Ovalau, near Vuma / Fiji.

*Platydemus Zimmermanni* : de Beauchamp, 1962 : 614.

Genus *Rhynchodemus* Leidy, 1851

*Rhynchodemus* n. g. Leidy, 1851 b : 289.

Type species : *Planaria sylvatica* Leidy, 1851 (a).

Literature : von Graff, 1896 a : 71 ; von Graff, 1899 : 484 ; von Graff, 1916 : 3230 ; Heinzel, 1929 : 456-458 ; Bresslau, 1933 : 283 ; Hyman, 1943 : 18-20 ; Prudhoe, 1949 a : 427-428 ; Pantin, 1953 : 216 ; Hyman, 1954 : 17-19 ; Ball & Reynoldson, 1981 : 108. Here placed under *Rhynchodemus*, *Platydemus* (in part), *Microplana* (in part), and *Geoplana* (in part) in Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

*Rhynchodemus amboinensis* von Graff, 1899

*Rhynchodemus amboinensis* n. sp. von Graff, 1899 : 499 ; taf. XV, figs. 25-26 (DB, DH in color). Amboina, Ambon Island / Indonesia.

*Rhynchodemus amboinensis* : du Bois-Reymond Marcus, 1955 : 34.

*Rhynchodemus americanus* Hyman, 1943

*Rhynchodemus americanus* n. sp. Hyman, 1943 : 6-9, figs. 9-12 (DB, HI, FCA). Greenhouses of Forest Park, St. Louis, Missouri and greenhouses at Riverton, New Jersey / U. S. A.

*Rhynchodemus americanus* : Prudhoe, 1949 a : 427.

*Rhynchodemus americanus* : de Beauchamp, 1952 : 51.

*Rhynchodemus americanus* : du Bois-Reymond Marcus, 1953 : 72, 74.

*Rhynchodemus americanus* : Marcus, 1953 : 49-50, 54.

*Rhynchodemus americanus* : du Bois-Reymond Marcus, 1955 : 34.

*Rhynchodemus americanus* : Ogren, 1955 : 55.

*Rhynchodemus americanus* : Ball, 1977 : 506.

*Rhynchodemus americanus* : Ogren, 1981 : 55.

*Rhynchodemus americanus* : Ogren, 1983 : 69-71.

*Rhynchodemus americanus* : Ogren, 1986 : 178.

- Rhynchodemus americanus* : Ogren, 1989 (In press). Syn. of *Rhynchodemus sylvaticus* (Leidy, 1851).
- Rhynchodemus angustus* (Hyman, 1941)
- Desmorhynchus angustus* n. sp. Hyman, 1941 : 8-10, figs. 15-17 (DB, DH, HI). Canal Zone/Panama.
- Rhynchodemus angustus* : Prudhoe, 1949 a : 427.
- Rhynchodemus angustus* : du Bois-Reymond Marcus, 1953 : 73.
- Rhynchodemus angustus* : Hyman, 1955 : 29-31, figs. 41-42 (FCA and Gregarine parasite in vagina) Cerro Punto, Chiriqui (2000 m)/Panama.
- Rhynchodemus angustus* : du Bois-Reymond Marcus, 1955 : 34.
- Rhynchodemus angustus* : Hyman, 1957 : 6. Barro Colorado Islands/Panama.
- Rhynchodemus angustus* : Hyman, 1962 : 23. Panama.
- Rhynchodemus angustus* : Kawakatsu, 1970 : 38.
- Rhynchodemus angustus* : Ogren, 1983 : 72.
- Rhynchodemus aripensis* Prudhoe, 1949
- Rhynchodemus aripensis* n. sp. Prudhoe, 1949 a : 428-429, fig. 6 (FCA). Mt. Aripo, Trinidad/Trinidad and Tobago.
- Rhynchodemus aripensis* : du Bois-Reymond Marcus, 1953 : 72.
- Rhynchodemus aripensis* : du Bois-Reymond Marcus, 1955 : 34.
- Rhynchodemus aripensis* : Ball, 1977 : 506.
- Rhynchodemus aripensis* : Ogren, 1983 : 71.
- Rhynchodemus aripensis* : Ogren, 1986 : 178.
- Rhynchodemus assimilis* Geba, 1909
- Rhynchodemus assimilis* n. sp. Geba, 1909 : 386 ; taf. 20, fig. 19 (DH). Moceli/Comoro Islands (Îles Comores).
- Rhynchodemus assimilis* : von Graff, 1912 : 2639.
- Rhynchodemus atropurpureus* (von Graff, 1899)
- See *Microplana atropurpurea* (von Graff, 1899) ; *Platydemus atropurpureus* von Graff, 1899. Microplaninae. Cf. Ogren & Kawakatsu, Ms.
- Rhynchodemus belli* von Graff, 1899
- See *Rhynchodemus ochroleucus belli* von Graff, 1899.
- Rhynchodemus bilineatus* (Mecznikow, 1866)
- See *Rhynchodemus sylvaticus* (Leidy, 1851).
- Rhynchodemus bistriatus* Grube, 1868
- See *Platydemus bistriatus* (Grube, 1868).
- Rhynchodemus blainvillei* von Graff, 1899
- Rhynchodemus blainvillei* n. sp. von Graff, 1899 : 496 ; taf. XIV, fig. 14 (VB in color). Blumenau, Santa Catalina/Brazil.
- Desmorhynchus (Rhynchodemus) blainvillei* : Heinzl, 1929 : 436-439, 459 ; taf. 11, fig. 4 (FCA).
- Rhynchodemus blainvillei* : Prudhoe, 1949 a : 427.
- Rhynchodemus blainvillei* : Marcus, 1952 : 72-74, 76.
- Rhynchodemus blainvillei* : du Bois-Reymond Marcus, 1955 : 34.
- Rhynchodemus blainvillei* : Ball, 1977 : 506.
- Rhynchodemus blainvillei* : Ogren, 1983 : 71.
- Rhynchodemus blainvillei* : Ogren, 1986 : 178.

- Rhynchodemus blainvillei* : Ogren & Ball, 1989 (In press). Syn. of *Rhynchodemus sylvaticus* (Leidy, 1851).
- Rhynchodemus boehmigi* von Graff, 1899  
*Rhynchodemus boehmigi* n. sp. von Graff, 1899 : 505 ; taf. XVII, figs. 30-31 (DVB in color).  
 Amboina, Ambon Island/Indonesia.  
 [nec *Platydemus boehmigi* Geba, 1909].
- Rhynchodemus borellii* von Graff, 1894  
*Rhynchodemus borellii* n. sp. von Graff, 1894 : 4. Neu-Germania/Paraguay.  
*Rhynchodemus borellii* : von Graff, 1899 : 503-504 ; taf. XVI, figs. 10-12 (DVB in color). San  
 Pedro and Neu-Germania/Paraguay.  
*Rhynchodemus* (s. l.) *borrellii* : Prudhoe, 1949 a : 428. Spelling error.  
*Rhynchodemus borellii* : Marcus, 1954 : 52.  
*Rhynchodemus borellii* : du Bois-Reymond Marcus, 1955 : 35.
- Rhynchodemus brasiliensis* (Blainville, 1826)  
 See *Geoplana brasiliensis* (Blainville, 1826) ; *Planaria brasiliensis* Blainville, 1826 ; *Rhynchodemus taunayi* Diesing, 1861. Geoplanidae. Cf. Ogren & Kawakatsu, Ms.
- Rhynchodemus bromelicola* de Beauchamp, 1912  
*Rhynchodemus bromelicola* n. sp. de Beauchamp, 1912 : V-X, figs. 2 I-V (DH, CP), 3 (FCA).  
 Bromélicaes/Costa Rica (Costa-Rica).  
*Rhynchodemus bromelicola* : de Beauchamp, 1913 a : 41-42.  
*Rhynchodemus bromelicola* : von Graff, 1913 : 2676.  
*Rhynchodemus bromelicola* : Fuhrmann, 1914 a : 453.  
*Rhynchodemus bromelicola* : von Graff, 1915 : 3036.  
*Rhynchodemus bromelicola* : von Graff, 1916 : 3232.  
*Desmorhynchus bromelicola* : Heinzel, 1929 : 459.  
*Desmorhynchus bromelicola* : Hyman, 1941 : 10.  
*Rhynchodemus bromelicola* : Prudhoe, 1949 a : 427.  
*Rhynchodemus bromelicola* : du Bois-Reymond Marcus, 1953 : 73.  
*Rhynchodemus bromelicola* : du Bois-Reymond Marcus, 1955 : 35.  
*Rhynchodemus bromelicola* : du Bois-Reymond Marcus, 1958 : 394.  
*Rhynchodemus bromelicola* : Ogren, 1986 : 179.
- Rhynchodemus cameliae* Fuhrmann, 1914  
*Rhynchodemus cameliae* n. sp. Fuhrmann, 1914 b : 789, fig. 36 (CP). Cafetal La Camelia, near  
 Angelopolis, Cordillères centrales (1820 m)/Colombia.  
*Rhynchodemus cameliae* : Marcus, 1953 : 53.  
*Rhynchodemus cameliae* : Marcus, 1954 : 52.  
*Rhynchodemus cameliae* : du Bois-Reymond Marcus & Marcus, 1955 : 35.  
*Rhynchodemus cameliae* : du Bois-Reymond Marcus, 1965 : 135.
- Rhynchodemus chuni* von Graff, 1899  
*Rhynchodemus chuni* n. sp. von Graff, 1899 : 505 ; taf. XVII, figs. 1-2 (DB, CP in color).  
 Buitenzorg and Umgebung, Java/Indonesia.
- Rhynchodemus coxi* Fletcher et Hamilton, 1888  
 See *Geoplana coxii* (Fletcher et Hamilton, 1888). Geoplanidae. Cf. Ogren & Kawakatsu, Ms.
- Rhynchodemus coxii* Fletcher et Hamilton, 1888  
 See *Geoplana coxii* (Fletcher et Hamilton, 1888). Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

***Rhynchodemus cultratus* von Graff, 1899**

*Rhynchodemus cultratus* n. sp. von Graff, 1899 : 495-496. Philippines.

*Rhynchodemus cultratus* : de Beauchamp, 1929 : 414.

*Rhynchodemus cultratus* : Tu, 1940 : 218.

***Rhynchodemus demani* von Graff, 1899**

*Rhynchodemus demani* nom. nud. von Graff, 1897 : 113-114. N. Celebes/Indonesia.

*Rhynchodemus demani* n. sp. von Graff, 1899 : 501-502 ; taf. XIX, figs. 17-19 (DH, CP in color). Tomohon, N. Celebes/Indonesia.

***Rhynchodemus diorchis* Fuhrmann, 1914**

*Rhynchodemus diorchis* n. sp. Fuhrmann, 1914 a : 449-454 ; pl. 13, figs. 8-11 (DH, HI, FGO).  
Monte Bre, Tessin/Switzerland.

*Rhynchodemus diorchis* : von Graff, 1916 : 3244.

*Desmorhynchus diorchis* : Heinzel, 1929 : 459.

*Rhynchodemus diorchis* : Arndt, 1934 : 390.

*Rhynchodemus diorchis* : Marcus, 1953 : 53.

*Rhynchodemus diorchis* : du Bois-Reymond Marcus, 1955 : 35.

*Rhynchodemus diorchis* : Minelli, 1974 : 535, 545.

*Rhynchodemus diorchis* : Minelli, 1977 b : 405.

Note : Minelli (1977 b) considered this species was a synonym of *Rhynchodemus sylvaticus* (Leidy, 1851).

***Rhynchodemus dubius* Spencer, 1982**

See *Platydemus dubius* (Spencer, 1982).

***Rhynchodemus excavatus* von Graff, 1899**

*Rhynchodemus excavatus* n. sp. von Graff, 1899 : 501 ; taf. XVI, figs. 1-4 (DH, CP in color).  
Banda-Neira, Banda Islands/Indonesia.

***Rhynchodemus fasciatus* Spencer, 1892**

See *Platydemus fasciatus* (Spencer, 1892).

***Rhynchodemus figdori* von Graff, 1899**

*Rhynchodemus figdori* n. sp. von Graff, 1899 : 496 ; taf. XIV, fig. 36 (DB in color). Buitenzorg, Java/Indonesia.

*Rhynchodemus figdori* : von Graff, 1913 : 2703.

*Rhynchodemus figdori* : Meixner, 1928 : 593.

*Rhynchodemus figdori* : de Beauchamp, 1929 : 414.

***Rhynchodemus fletcheri* Spencer, 1892**

See *Platydemus fletcheri* (Spencer, 1892).

***Rhynchodemus forrestianus* Schröder, 1924**

*Rhynchodemus forrestianus* n. sp. Schröder, 1924 : 279 ; taf. III, fig. 19 a-c (DB, DH, CP).  
Oubatche/New Calédonia (Nouvelle Calédonie).

***Rhynchodemus (Geodesmus) bilineatus* (Mecznikow, 1866)**

See *Rhynchodemus sylvaticus* (Leidy, 1851).

***Rhynchodemus graetzi* du Bois-Reymond Marcus, 1953**

*Rhynchodemus graetzi* n. sp. du Bois-Reymond Marcus, 1953 : 69-73, figs. 3-7 (DVH, HI, FCA).  
Panama.

*Rhynchodemus graetzi* : du Bois-Reymond Marcus, 1955 : 35.

*Rhynchodemus graetzi* : Hyman, 1955 : 31.

*Rhynchodemus graetzi* : Ogren, 1983 : 72.



*Rhynchodemus grandis* Spencer, 1892

See *Platydemus grandis* (Spencer, 1892).

*Rhynchodemus guttatus* Fletcher et Hamilton, 1888

*Rhynchodemus guttatus* n. sp. Fletcher & Hamilton, 1888 : 373. Springwood, N. S. W./Australia.

*Rhynchodemus guttatus* : von Graff, 1899 : 498. New South Wales/Australia.

*Rhynchodemus guttatus* : Winsor, 1977 : 144. Eastern Highlands, Victoria/Australia.

*Rhynchodemus hallezi* von Graff, 1899

*Rhynchodemus hallezi* n. sp. von Graff, 1899 : 500 ; taf. XV, figs. 33-34 (CP in color). Philippines.

*Rhynchodemus hallezi* : Tu, 1940 : 218.

*Rhynchodemus hallezi* : Jones, 1989 (In press). Hothouses of the Edinburgh Botanic Gardens, Scotland/U. K. (origin : the Philippines).

*Rhynchodemus hectori* von Graff, 1897

*Rhynchodemus hectori* n. sp. von Graff, 1897 : 3. Salta, Tucuman and Jujuy/Argentina.

*Rhynchodemus hectori* : von Graff, 1899 : 502-503 ; taf. XVIII, figs. 19-21 (DVH in color). Salta, Tucuman (Sao Pabla) and Jijuy (San Lorenzo)/Argentina.

*Rhynchodemus hectori* : von Graff, 1912 : taf. XXXIV, figs. 30-31 (DVH in color).

*Desmorhyncus (Rhynchodemus) hectori* : Heinzel, 1929 : 433-436, 459 ; taf. 11, lig. 3 (FCA).

*Desmorhyncus hectori* : de Beauchamp, 1930 a : 82-84.

*Desmorhyncus hectori* : de Beauchamp, 1939 b : 75. Syn. ? *Rhynchodemus samperi* Fuhrmann, 1914.

*Rhynchodemus hectori* : Corrêa, 1947 : 68.

*Rhynchodemus hectori* : Prudhoe, 1949 a : 427.

*Rhynchodemus hectori* : du Bois-Reymond Marcus, 1953 : 73.

*Rhynchodemus hectori* : Marcus, 1953 : 47, 49.

*Rhynchodemus hectori* : Froehlich, 1955 a : 265.

*Rhynchodemus?* *hectori* : du Bois-Reymond Marcus, 1955 : 28, 31, 34. Teresópolis, Rio de Janeiro/Brazil.

*Rhynchodemus?* *hectori* : Froehlich, 1956 a : 314. Teresópolis, Rio de Janeiro/Brazil.

*Rhynchodemus hectori* : de Beauchamp, 1961 : 118, fig. 59 B (FCA).

*Rhynchodemus hectori* : du Bois-Reymond Marcus, 1965 : 135.

*Rhynchodemus hectori* : Ogren, 1983 : 72.

*Rhynchodemus hectori* : Ogren, 1986 : 179.

*Rhynchodemus hectori* var. *inopinata* (de Beauchamp, 1930)

See *Rhynchodemus inopinatus* (de Beauchamp, 1930).

*Rhynchodemus hectori marfa* Marcus, 1953

*Rhynchodemus hectori* var. *marfa* n. var. Marcus, 1953 : 46-50, figs. 55-61 (DVB, DH, HI, FCA). Buye-Bala (1750 m) and Kaswabilenga (700 m), Lufira, Belgian Congo/Zaire.

*Rhynchodemus hectori* var. *marfa* : du Bois-Reymond Marcus, 1955 : 28, 35.

*Rhynchodemus hectori* var. *marfa* : Marcus, 1955 b : 26.

*Rhynchodemus hectori* var. *marfa* Marcus, 1953

See *Rhynchodemus hectori marfa* Marcus, 1953.

*Rhynchodemus howesi* Scharff, 1900

See *Microplana howesi* (Scharff, 1900) ; *Microplana pyrenaica* (von Graff, 1893) ; *Rhynchodemus pyrenaicus* von Graff, 1893. Microplaninae. Cf. Ogren & Kawakatsu, Ms.

*Rhynchodemus ijimai* Kaburaki, 1922

*Rhynchodemus Ijimai* n. sp. Kaburaki, 1922 : 43-46, fig. 23 (FCA), pl. I, figs. 19-20 (DB, DH in color). Nikkô, near Tôkyô, Tochigi Pref., Honshû/Japan.

*Rhynchodemus ijimai* : Kaburaki, 1927 : 1676, fig. 3204 (DB, DH). Nikkô, Tochigi Pref., Honshû/Japan.

*Phynchodemus ijimai* : Kaburaki, 1936 : 506. Spelling error.

*Rhynchodemus jijimai* : Tu, 1940 : 218. Spelling error.

*Rhynchodemus ijimai* : Katô, 1943 : 664.

*Rhynchodemus ijimai* : Kaburaki, 1947 : 1491, fig. 4201 (DB, DH).

*Rhynchodemus ijimai* : Okugawa, 1953 : 40.

*Rhynchodemus ijimai* : Marcus, 1953 : 54.

*Rhynchodemus ijimai* : du Bois-Reymond Marcus, 1955 : 35.

*Rhynchodemus ijimai* : Okugawa, 1960 : pl. 87, fig. 5 (DB in color).

*Rhynchodemus ijimai* : Okugawa, 1965 : 119, fig. 414 (DB, DH).

*Rhynchodemus ijimai* : Uchida, 1965 : 65, fig. 58 F (DB).

*Rhynchodemus ijimai* : Okugawa, 1970 : 108-109, fig. 79 E (DB, DH).

*Rhynchodemus ijimai* : Kawakatsu, 1971 : table 2.

*Rhynchodemus ijimai* : Kawakatsu, 1972 : 166.

*Rhynchodemus ijimai* : Ball, 1977 : 506.

*Rhynchodemus ijimai* : Ogren, 1983 : 71.

*Rhynchodemus ijimai* : Kawakatsu, 1983 : 55.

*Rhynchodemus ijimai* : Ogren, 1986 : 178.

*Rhynchodemus ijimai* : Kawakatsu, 1988 : 166.

*Rhynchodemus inopinatus* (de Beauchamp, 1930)

*Desmorhynchus hectori* var. *inopinata* n. var. de Beauchamp, 1930 a : 80-84, figs. 5 A, B (DVB, CP), 6 (FCA). The vicinity of Lake Toba (Lac Toba), Sumatra/Indonesia.

*Rhynchodemus hectori* var. *inopinata* : du Bois-Reymond Marcus, 1953 : 73.

*Rhynchodemus hectori* var. *inopinata* : Marcus, 1953 : 47, 49.

*Rhynchodemus hectori* var. *inopinata* : du Bois-Reymond Marcus, 1955 : 28, 35.

*Rhynchodemus laterolineatus* Spencer, 1892

See *Platydemus laterolineatus* (Spencer, 1892).

*Rhynchodemus lindsaysianus* Schröder, 1924

*Rhynchodemus lindsaysianus* n. sp. Schröder, 1924 : 278 ; taf. III, fig. 18 (DB). Oubatche/New Caledonia (Nouvelle Calédonie).

*Rhynchodemus lineolatus* von Graff, 1899

See *Platydemus lineolatus* (von Graff, 1899).

*Rhynchodemus lubbocki* von Graff, 1899

*Rhynchodemus lubbocki* nom. nud. von Graff, 1897 : 113-114. N. Celebes/Indonesia.

*Rhynchodemus lubbocki* n. sp. von Graff, 1899 : 498 ; taf. XIX, figs. 47-49 (DB, CP in color). Masarangkette, N. Celebes/Indonesia.

*Rhynchodemus maculatus* Fuhrmann, 1914

*Rhynchodemus maculatus* n. sp. Fuhrmann, 1914 b : 788-789, figs. 34-35 (DH, CP). Ubaque, Cordillères orientales (2000 m)/Colombia.

*Desmorhynchus maculatus* : Hyman, 1941 : 10.

*Rhynchodemus maculatus* : Marcus, 1953 : 53.

*Rhynchodemus maculatus* : Marcus, 1954 : 52.

- Rhynchodemus maculatus* : du Bois-Reymond Marcus, 1955 : 35.
- Rhynchodemus maculatus* : du Bois-Reymond Marcus, 1965 : 135.
- Rhynchodemus mediolineatus* Spencer, 1892
- See *Platydemus mediolineatus* (Spencer, 1892).
- Rhynchodemus megalophthalmus* Loman, 1890
- See *Cotyloplana megalophthalma* (Loman, 1890).
- Rhynchodemus michaelsoni* von Graff, 1899
- Rhynchodemus michaelsoni* n. sp. von Graff, 1899 : 504-505 ; taf. XVII, fig. 32 (CP in color).  
Andrangoloaka / Madagascar.
- Rhynchodemus michaelsoni* : Mell, 1903 : 223. Spelling error.
- Rhynchodemus misus* du Bois-Reymond Marcus, 1965
- Rhynchodemus misus* n. sp. du Bois-Reymond Marcus, 1965 : 133-135, figs. 7-9 (VB, DH, FCA).  
Baños de Tungurahua (1800 m), Ostkordillere / Ecuador.
- Rhynchodemus misus* : Ball, 1977 : 506.
- Rhynchodemus misus* : Ogren, 1983 : 71.
- Rhynchodemus misus* : Ogren, 1986 : 178.
- Rhynchodemus mitchellianus* Schröder, 1924
- Rhynchodemus mitchellianus* n. sp. Schröder, 1924 : 279-280 ; taf. III, fig. 20 a-c (DB, DH, CP),  
Oubatche / New Caledonia (Nouvelle Calédonie).
- Rhynchodemus moseleyi* Fletcher et Hamilton, 1888
- See *Platydemus moseleyi* (Fletcher et Hamilton, 1888).
- Rhynchodemus nematoides* Loman, 1890
- Rhynchodemus nematoides* n. sp. Loman, 1890 : 135 ; taf. XII, fig. 12, a and b (DB and CP).  
Buitenzorg, Java / Indonesia.
- Rhynchodemus nematoides* : von Graff, 1898 : 126. Buitenzorg, Java / Indonesia ; Ceylon / Sri Lanka.
- Rhynchodemus nematoides* : von Graff, 1899 : 493-494 ; taf. XVI, figs. 30-36 (DB and CP in color). Java / Indonesia ; Ceylon / Sri Lanka.
- Rhynchodemus nematoides* : Scharff, 1900 b : 35, 41.
- Rhynchodemus nematoides* : Laidlaw, 1903 a : 116. Bukit Besar, Malay / Malaysia ; Java / Indonesia ; Ceylon / Sri Lanka.
- Rhynchodemus nematoides* : Laidlaw, 1903 b : 579. Hulule, Male Atoll / Maldive (Maldives).
- Rhynchodemus nematoides* : Ikeda, 1911 : 122.
- Rhynchodemus nematoides* : von Graff, 1914 : 2907.
- Rhynchodemus nematoides* : von Graff, 1915 : 2975.
- Rhynchodemus nematoides* : Schröder, 1918 : 149, fig. 1 a-b (DH, CP). Groß-Kei-Inseln (Kepulauan Kai), Moluccas Islands (Maluku Kepulauan) / Indonesia.
- Desmorhynchus nematoides* : Heinzel, 1929 : 459.
- Rhynchodemus nematoides* : de Beauchamp, 1929 : 413.
- Desmorhynchus nematoides* : de Beauchamp, 1930 a : 81, 84-85, 88, 90.
- Rhynchodemus nematoides* : du Bois-Reymond Marcus, 1955 : 34-35.
- Rhynchodemus nematoides* : Kawakatsu, 1986 : 12-13.
- Rhynchodemus nematopsis* (de Beauchamp, 1930)
- ? *Rhynchodemus* cf. *vejdisovskyi* : de Beauchamp, 1929 : 412-414, fig. 2 (FCA), 413. Tjibodas (2000 m), Java / Indonesia.
- Desmorhynchus nematopsis* n. sp. de Beauchamp, 1930 a : 84-90, figs. 7 A-B (CP), 8-9 (FCA), 10

- (HI), 11 (FCA). Tjibodas, Tjiböröm, and the vicinity of Lake Bedali (Lac Bedali), Java / Indonesia.
- Rhynchodemus nematopsis* : de Beauchamp, 1952 : 51-52.
- Rhynchodemus nematopsis* : Marcus, 1953 : 53.
- Rhynchodemus nematopsis* : du Bois-Meymond Marcus, 1955 : 33, 36.
- Rhynchodemus nematopsis* : du Bois-Reymond Marcus & Marcus, 1959 : 31.
- Rhynchodemus nematopsis* : Ball, 1977 : 506.
- Rhynchodemus nematopsis* : Kawakatsu, 1986 : 12-13.
- Rhynchodemus nematopsis* : Ogren, 1986 : 179.
- Rhynchodemus nietneri* Humbert, 1862
- See *Dolichoplana nietneri* (Humbert, 1862).
- Rhynchodemus niger* Fletcher et Hamilton, 1888
- See *Platydemus niger* (Fletcher et Hamilton, 1888).
- Rhynchodemus nolli* von Graff, 1899
- Rhynchodemus nolli* n. sp. von Graff, 1899 : 495. Mindanao Island / Philippine.
- Rhynchodemus nolli* : Heinzel, 1929 : 441-442.
- Rhynchodemus nolli* : Tu, 1940 : 218.
- Rhynchodemus oahuensis* Hyman, 1939
- Rhynchodemus oahuensis* n. sp. Hyman, 1939 b : 120-122, figs. 6-8 (DB, CP, FCA). Koolan Mts., Kipapa Ridge, Oahu Island, Hawaii / U. S. A.
- Rhynchodemus oahuensis* : Marcus, 1953 : 53.
- Rhynchodemus oahuensis* : du Bois-Reymond Marcus, 1955 : 36.
- Rhynchodemus oahuensis* : Kawakatsu, 1972 : 166.
- Rhynchodemus oahuensis* : Ogren, 1983 : 71.
- Rhynchodemus oahuensis* : Ogren, 1986 : 178.
- Rhynchodemus oahuensis* : Kawakatsu, 1988 : 166.
- Rhynchodemus obscurus* Fletcher et Hamilton, 1888
- Rhynchodemus obscurus* n. sp. Fletcher & Hamilton, 1888 : 372. Ryde, near Spring Wood, Guntawang, N. S. W. / Australia.
- Rhynchodemus obscurus* : Dendy, 1891 c : 127-128. Gympie (Mary River), Cooran, Queensland / Australia.
- Rhynchodemus obscurus* : Dendy, 1895 b : 733.
- Rhynchodemus obscurus* : von Graff, 1899 : 497. New South Wales and Victoria / Australia.
- Rhynchodemus obscurus* : de Beauchamp, 1930 a : 83.
- Rhynchodemus ochroleucus* von Graff, 1899
- Rhynchodemus ochroleucus* n. sp. von Graff, 1899 : 491-492 ; taf. XV, figs. 7-11 (DB, DH, VH, CP in color), XLIV, figs. 5-8 (HI in color), XLV, figs. 1-6 (HI in color). Natuna Island / Indonesia ; Mindanao Island / Philippines.
- Rhynchodemus ochroleucus* : Scharff, 1900 b : 35, 41.
- Rhynchodemus ochroleucus* : Sarasin & Sarasin, 1901 : 114.
- Rhynchodemus ochroleucus* : Bendl, 1908 a : 542-543, 551 ; taf. XXX, fig. 7 (FCA).
- Rhynchodemus ochroleucus* : Bendl, 1908 b : 308-309, 317 ; taf. XXX, fig. 7 (FCA).
- Rhynchodemus ochroleucus* : Bendl, 1909 a : 63.
- Rhynchodemus ochroleucus* : de Beauchamp, 1912 : X.
- Rhynchodemus ochroleucus* : von Graff, 1912 : 2630.
- Rhynchodemus ochroleucus* : von Graff, 1913 : 2748, 2755, 2789, fig. 33 (HI).

- Rhynchodemus ochroleucus* : von Graff, 1914 : 2907, 2956.
- Rhynchodemus ochroleucus* : von Graff, 1917 : 3365.
- Rhynchodemus ochroleucus* : Meixner, 1928 : 592.
- Rhynchodemus ochroleucus* : de Beauchamp, 1929 : 413.
- Desmorhynchus ochroleucus* : de Beauchamp, 1930 a : 81, 84, 87.
- Rhynchodemus ochroleucus* : Tu, 1940 : 219.
- Rhynchodemus ochroleucus* : Marcus, 1953 : 49.
- Rhynchodemus ochroleucus* : du Bois-Reymond Marcus, 1955 : 34, 36.
- Rhynchodemus ochroleucus* : Ogren, 1983 : 72.
- Rhynchodemus ochroleucus* : Ogren, 1986 : 179.
- Rhynchodemus ochroleucus belli* von Graff, 1899**
- Rhynchodemus belli* n. sp. von Graff, 1899 : 504 ; taf. XVI, figs. 8-9 (DB, CP in color). Amboina, Ambon Island/Indonesia.
- Desmorhynchus (Rhynchodemus) ochroleucus* var. *belli* : Heinzel, 1929 : 439-441, 459 ; taf. 11, fig. 6 (FCA).
- Rhynchodemus ochroleucus belli* : de Beauchamp, 1952 : 51, 55.
- Rhynchodemus ochroleucus* var. *belli* : du Bois-Reymond Marcus, 1955 : 36.
- Rhynchodemus ochroleucus varians* von Graff, 1899**
- Rhynchodemus varians* von Graff, 1899.
- Desmorhynchus ochroleucus* var. *varians* : de Beauchamp, 1930 a : 80-81, fig. 4 (DH). Kapaltjouroup, near Tjouroup, S. Sumatra/Indonesia.
- Desmorhynchus ochroleucus varians* : de Beauchamp, 1930 a : 85.
- Rhynchodemus ochroleucus* var. *varians* : du Bois-Reymond Marcus, 1955 : 36.
- Rhynchodemus ochroleucus* var. *varians* von Graff, 1899**
- See *Rhynchodemus ochroleucus varians* von Graff, 1899.
- Rhynchodemus palnisius* de Beauchamp, 1930**
- Rhynchodemus palnisius* nom. nud. de Beauchamp, 1930 b : 721.
- Note : de Beauchamp (1930 b) described 6 new rhynchodemid species from Palnis (Palni Hills Tamir Nadu), India. This nomen nudum seems to be a clerical error of one of his species.
- Rhynchodemus pellucidus* von Graff, 1899**
- Rhynchodemus pellucidus* n. sp. von Graff, 1899 : 501 ; taf. XVI, figs. 5-6 (DB, CP in color). Blumenau, Santa Catharina (Sta. Catarina)/Brazil.
- Rhynchodemus pellucidus* : de Beauchamp, 1913 a : 42.
- Desmorhynchus (Rhynchodemus) pellucidus* : Heinzel, 1929 : 438-439, 459 ; taf. 11, fig. 5 (FCA). syn. ? of *Rhynchodemus blainvillei* von Graff, 1899.
- Rhynchodemus pellucidus* : Prudhoe, 1949 a : 429.
- Rhynchodemus pellucidus* : Marcus, 1952 : 72-74, 112-113, 164-167, pls. 21-22, figs. 126-129 (DB, HI, FCA). Blumenau, Sta. Catarina/Brazil.
- Rhynchodemus pellucidus* : du Bois-Reymond Marcus, 1953 : 72.
- Rhynchodemus pellucidus* : Marcus, 1953 : 49-50.
- Rhynchodemus pellucidus* : du Bois-Reymond Marcus, 1955 : 36.
- Rhynchodemus pellucidus* : Ball, 1977 : 506.
- Rhynchodemus pellucidus* : Ogren, 1986 : 178.
- Rhynchodemus pellucidus* : Ogren & Ball, 1989 (In press).
- Rhynchodemus piptus* Marcus, 1952**
- Rhynchodemus piptus* n. sp. Marcus, 1952 : 74-76, 166-167, pl. 22, figs. 130-135 (DVB, DH, HI,

FCA). Butantan, São Paulo, S. P./Brazil.

*Rhynchodemus piptus* : Marcus, 1953 : 50, 54.

*Rhynchodemus piptus* : du Bois-Reymond Marcus, 1955 : 36.

*Rhynchodemus piptus* : Marcus, 1955 a : 121.

*Rhynchodemus piptus* : Marcus, 1955 b : 18.

*Rhynchodemus piptus* : du Bois-Reymond Marcus, 1965 : 135.

*Rhynchodemus piptus* : Ball, 1977 : 506.

*Rhynchodemus piptus* : Ogren, 1986 : 178.

*Rhynchodemus putzei* von Graff, 1899

*Rhynchodemus putzei* n. sp. von Graff, 1899 : 261, text-fig. 52 (FGO), 494 ; taf. XIV, figs. 1-2 (DH, VB in color), XLIV, figs. 1-4 (HI in color). Marquesas Island, Queensland/Australia.

*Rhynchodemus putzei* : Laidlaw, 1903 b : 579. Hulule, Male Atoll/Maldives (Maldives).

*Rhynchodemus putzei* : Bendl, 1908 a : 550, 552.

*Rhynchodemus putzei* : Bendl, 1908 b : 316, 318.

*Rhynchodemus putzei* : Bendl, 1909 a : 61.

*Rhynchodemus putzei* : von Graff, 1912 : taf. XXXVIII, fig. 12 (HI), XLVI figs. 21-22 (HI).

*Rhynchodemus putzei* : von Graff, 1913 : 2762, 2765.

*Rhynchodemus putzei* : von Graff, 1914 : 2920, 2934.

*Rhynchodemus putzei* : von Graff, 1915 : 3075.

*Rhynchodemus putzei* : Meixner, 1928 : 592.

*Desmorhynchus putzei* : Heinzel, 1929 : 459.

*Rhynchodemus putzei* : de Beauchamp, 1929 : 414.

*Rhynchodemus putzei* : Prudhoe, 1949 b : 251-253, figs. 4 a-b (DVB), 5 (FCA). Hivaoa, Matau-una / Marques Islands.

*Rhynchodemus putzei* : du Bois-Reymond Marcus, 1955 : 31, 36.

*Rhynchodemus putzei* : Ogren, 1983 : 72.

*Rhynchodemus putzei* : Ogren, 1986 : 178.

*Rhynchodemus pyrenaicus* von Graff, 1893

See *Microplana howesi* (Scharff, 1900) ; *Microplana pyrenaica* (von Graff, 1893) ; *Rhynchodemus howesi* Scharff, 1900. Microplaninae. Cf. Ogren & Kawakatsu, Ms.

*Rhynchodemus quadristriatus* Grube, 1868

See *Playtdemus quadristriatus* (Grube, 1868).

*Rhynchodemus rubrocinctus* von Graff, 1899

*Rhynchodemus rubrocinctus* nom. nud. von Graff, 1897 : 113-114. N. Celebes/Indonesia.

*Rhynchodemus rubrocinctus* n. sp. von Graff, 1899 : 500 ; taf. XIX, figs. 44-46 (DB, CP in color). Minahassa and Bolaang, N. Celebes/Indonesia.

"*Rhynchodemus*" *rubrocinctus* : de Beauchamp, 1961 : pl. I, fig. 4 (DB in color).

*Rhynchodemus samperi* Fuhrmann, 1914

*Rhynchodemus samperi* n. sp. Fuhrmann, 1914 b : 786-788, figs. 29-33 (DH, CP, HI, FCA).

Bogota and the vicinity of Zipaquira, Sabana, Cordillères orientales (2650 m)/Colombia.

*Rhynchodemus samperi* : Fuhrmann, 1914 a : 453.

*Rhynchodemus samperi* : Meixner, 1928 : 592.

*Desmorhynchus samperi* (?) : Heinzel, 1929 : 459.

*Desmorhynchus samperi* : de Beauchamp, 1930 a : 83.

- Desmorhynchus samperi* : Hyman, 1941 : 10.
- Rhynchodemus samperi* : Prudhoe, 1949 a : 427, 429.
- Rhynchodemus samperi* : du Bois-Reymond Marcus, 1953 : 73.
- Rhynchodemus samperi* : Marcus, 1953 : 47, 49.
- Rhynchodemus samperi* : du Bois-Reymond Marcus, 1955 : 28, 36. Syn. ? of *Rhynchodemus hectori* von Graff, 1897.
- Rhynchodemus samperi* : du Bois-Reymond Marcus, 1965 : 135.
- Rhynchodemus scharffi* von Graff, 1896
- See *Microplana scharffi* (von Graff, 1896). Microplaninae. Cf. Ogren & Kawakatsu, Ms.
- Rhynchodemus schmardai* von Graff, 1899
- Rhynchodemus schmardai* n. sp. von Graff, 1899 : 502 ; taf. XVI, figs. 17-19 (DB, CP in color).  
Buitenzorg, Java/Indonesia.
- Rhynchodemus schmardai* : Bendl, 1908 a : 543-548, 551 ; taf. XXXI, figs. 1-3 (FCA, HI).
- Rhynchodemus schmardai* : Bendl, 1908 b : 309-314, 317 ; taf. XXXI, figs. 1-3 (FCA, HI).
- Rhynchodemus schmardai* : Bendl, 1909 a : 61, 72.
- Rhynchodemus schmardai* : von Graff, 1912 : 2630.
- Rhynchodemus schmardai* : von Graff, 1913 : 2807.
- Rhynchodemus schmardai* : Steinböck, 1925 : 185.
- Rhynchodemus schmardai* : Meixner, 1928 : 592.
- Desmorhynchus schmardai* : Heinzel, 1929 : 459.
- Rhynchodemus schmardai* : Corrêa, 1947 : 68.
- Rhynchodemus schmardai* : Marcus, 1953 : 49.
- Rhynchodemus schmardai* : du Bois-Reymond Marcus, 1955 : 37.
- Rhynchodemus schmardai* : Ogren, 1983 : 72.
- Rhynchodemus schmardaei* : Ogren, 1986 : 179. Spelling error.
- Rhynchodemus schubarti* du Bois-Reymond Marcus, 1955
- Rhynchodemus schubarti* n. sp. du Bois-Reymond Marcus, 1955 : 29-31 ; pl. 4, figs. 25-31 (DVB, DVH, CP, HI, FCA). Pirassununga, São Paulo, S. P./Brazil.
- Rhynchodemus schubarti* : du Bois-Reymond Marcus, 1965 : 135.
- Rhynchodemus schubarti* : Ogren, 1983 : 72.
- Rhynchodemus schuberti* : Ogren, 1986 : 179. Spelling error.
- Rhynchodemus sciurus* du Bois-Reymond Marcus, 1955
- Rhynchodemus sciurus* n. sp. du Bois-Reymond Marcus, 1955 : 31-34 ; pl. 5, figs. 32-38 (DVH, HI, FCA). Pirassununga, São Paulo, S. P./Brazil.
- Rhynchodemus sciurus* : Froehlich, 1955 a : 265.
- Rhynchodemus sciurus* : Froehlich, 1956 a : 314. Ubatuba, São Paulo/Brazil.
- Rhynchodemus sciurus* : du Bois-Reymond Marcus, 1965 : 135.
- Rhynchodemus sciurus* : E. M. Froehlich & Froehlich, 1972 : 30-34, fig. 4 (FCA). Pôrto Platon, Territória Federal do Amapá, the Amazonian Region/Brazil.
- Rhynchodemus sciurus* : Ball, 1977 : 506.
- Rhynchodemus sciurus* : Ogren, 1983 : 72.
- Rhynchodemus sciurus* : Ogren, 1986 : 178-179.
- Rhynchodemus scriptus* Steel, 1897
- Rhynchodemus scriptus* n. sp. Steel, 1897 : 121-122 ; pl. VII, fig. 11 (DVB). Navua River, Viti Levu/Fiji.

*Rhynchodemus simulans* Dendy, 1891

*Rhynchodemus simulans* n. sp. Dendy, 1891 a : 38. Myrniong, near Bacchus Marsh, Victoria/Australia.

*Rhynchodemus simulans* : Dendy, 1891 b : 41, 44.

*Rhynchodemus simulans* : Dendy, 1895 b : 729. Syn. ? of *Rhynchodemus moseleyi* Fletcher et Hamilton, 1888.

*Rhynchodemus simulans* : von Graff, 1899 : 496-497 ; taf. XIV, fig. 5 (CP in color). Myrniong, Bacchus Marsh, Victoria/Australia.

*Rhynchodemus simulans* : Kaburaki, 1930 : 83.

*Rhynchodemus simulans* : Winsor, 1973 : 441. Melbourne, Victoria/Australia.

*Rhynchodemus simulans* : Winsor, 1976 : 15, 61.

*Rhynchodemus simulans* : Winsor, 1977 : 144. Macedon Ranges, Victoria/Australia.

*Rhynchodemus simulans* : Winsor, 1979 : 155, 159-160, fig. 7 A-B (DH, CP). Royal Botanic Gardens, Melbourne, Victoria/Australia.

*Rhynchodemus stenopus* von Graff, 1894

*Rhynchodemus stenopus* n. sp. von Graff, 1894 : 4. San Pablo, Tucuman/Argentina.

*Rhynchodemus stenopus* : von Graff, 1899 : 495 ; taf. XIV, figs. 6-8 (DVB in color). San Pablo/Argentina.

*Rhynchodemus stenopus* : de Beauchamp, 1913 a : 42.

*Rhynchodemus* (s. l.) *stenopus* : Prudhoe, 1949 a : 428. Argentina ; Venezuela.

*Rhynchodemus stenopus* : Marcus, 1953 : 49.

*Rhynchodemus stenopus* : Marcus, 1954 : 52.

*Rhynchodemus stenopus* : du Bois-Reymond Marcus, 1955 : 37.

*Rhynchodemus sylvatica* (Leidy, 1851) Spelling error.

See *Rhynchodemus sylvaticus* (Leidy, 1851).

*Rhynchodemus sylvaticus* (Leidy, 1851)

*Planaria sylvatica* n. sp. Leidy, 1851 a : 241-242. Philadelphia/U. S. A.

*Rhynchodemus sylvaticus* : Leidy, 1851 b : 289.

*Geoplana* (*Rhynchodemus*) *sylvatica* : Schulze & Müller, 1857 : 32.

*Geoplana* (*Rhynchodemus*) *sylvatica* : Schulze, 1857 : 8.

*Rhynchodemus sylvatica* : Stimpson, 1857 : 25. Spelling error.

*Rhynchodemus sylvaticus* : Leidy, 1858 : 171-172. North and South Carolina, Pennsylvania, and Rhode Island/U. S. A.

*Rhynchodemus sylvaticus* : Schmarda, 1859 : XIII.

*Rhynchodemus sylvaticus* : Diesing, 1861 : 503.

*Geodesmus bilineatus* n. sp. Metschnikoff, 1866 : 434-447 ; pl. figs. 1-15 (DB, DH, HI, etc.). Giessen/Switzerland.

*Geodesmus bilineatus* : Grube, 1867 : 63-64. Wroclaw (Breslau)/Poland.

*Geodesmus bilineatus* : Lubbock, 1870 : 195.

*Geodesmus bilineatus* : Houghton, 1870 : 257.

*Geodesmus bilineatus* : Steenstrup, 1870 : 194.

*Geodesmus bilineatus* : Grube, 1874 : 56. Cited from von Graff, 1899.

*Rhynchodemus sylvaticus* : Moseley, 1875 : 107.

*Rhynchodemus bilineatus* (*Geodesmus*) : Moseley, 1875 : 107.

*Geodesmus bilineatus* : Moseley, 1875 : 119-120.



*Geodesmus bilineatus* : De Man, 1876 : 238-241.  
*Rhynchodemus sylvaticus* : Moseley, 1877 : 289.  
*Rhynchodemus (Geodesmus) bilineatus* : Mosely, 1877 : 289-290.  
*Geodesmus bilineatus* : von Kennell, 1878 : 26-29. Würzburg/Germany.  
*Rhynchodemus (Geodesmus) bilineatus* : Moseley, 1878 : 238.  
*Geodesmus bilineatus* : Hallez, 1879 : 3. Cited from von Graff, 1899.  
*Geodesmus bilineatus* : von Kennell, 1879 : 122, 159 ; taf. VII, fig. 20 (FCA). Germany.  
*Geodesmus bilineatus* : von Kennell, 1882 : 120-159, taf. VII, fig. 10 (FCA). See Hyman, 1954 : 13, 16-19, fig. 7 ; she suggested von Kennell's specimens may not be *G. bilineatus*.  
*Geodesmus bilineatus* : Schmidt, 1884 : 154, fig. Cited from von Graff, 1899.  
*Geodesmus bilineatus* : Richters : 1887 : 234. Frankfurt/W. Germany.  
*Rhynchodemus bilineatus* : Loman, 1890 : 135.  
*Geodesmus bilineatus* : Lehnert, 1891 : 310-312, 318, 322, 324, 327, 329. Dresden/E. Germany ; West- und Ostindien (West Indies).  
*Geodesmus bilineatus* : von Graff, 1893 : 122. Frankfurt/W. Germany ; Graz/Austria ; S. America (Peru ; Brasilien ; Argentinien).  
*Geodesmus bilineatus* : Hallez, 1893 : 100, 116-117. Cited from von Graff, 1899.  
*Rhynchodemus sylvaticus* : Girard, 1894 : 152, 158-159 ; taf. 3, figs. 1-7 (DB, VB). U. S. A.  
*Geodesmus bilineatus* ? : Buck, 1897 : 353-361, 2 figs. Cited from von Graff, 1899.  
*Rhynchodemus bilineatus* : von Graff, 1899 : 489-490. Germany (introduced into Europe from S. America?).  
*Rhynchodemus sylvaticus* : von Graff, 1899 : 490-491. Pennsylvania/U. S. A.  
*Rhynchodemus sylvaticus* : Kew, 1900 : 308, 312.  
*Geodesmus bilineatus* : Kew, 1900 : 308.  
*Rhynchodemus bilineatus* : Scharff, 1900 b : 35, 41.  
*Rhynchodemus bilineatus* : Mrázek, 1903 : 6-9. Warmhäuser/Czechoslovakia.  
*Rhynchodemus sylvaticus* : Walton, 1905 : 254. Gambier, etc., Ohio/U. S. A.  
*Rhynchodemus sylvatica* : Walton, 1907 : 732-733. Gambier, Ohio/U. S. A. Spelling error.  
*Rhynchodemus bilineatus* : Bendl, 1909 a : 59.  
*Rhynchodemus sylvaticus* : von Graff, 1912 : 2608, 2617.  
*Rhynchodemus bilineatus* : de Beauchamp, 1912 : vii.  
*Rhynchodemus sylvaticus* : Walton, 1912 : 940.  
*Rhynchodemus bilineatus* : Steinmann & Bresslau, 1913 : 176.  
*Rhynchodemus bilineatus* : Fuhrmann, 1914 a : 438.  
*Rhynchodemus bilineatus* : von Graff, 1914 : 2907, 2932.  
*Rhynchodemus bilineatus* : von Graff, 1917 : 3335-3336.  
*Rhynchodemus sylvaticus* : Stringer, 1918 : 360, fig. 641 A-B (DB).  
*Rhynchodemus bilineatus* : Meixner, 1928 : 592.  
*Rhynchodemus bilineatus* : Heinzl, 1929 : 456-457.  
*Rhynchodemus bilineatus* : Arndt, 1934 : 381-382, fig. 3 a-c (DB), 384-390.  
*Rhynchodemus bilineatus* : Arndt, 1935 : 84-85, 87-89. Brandenburg and Schlesien/E. Germany.  
*Rhynchodemus bilineatus* : Arndt, 1938 : 12-13, figs. 1-2 (feeding habit).  
*Rhynchodemus sylvaticus* : Hyman, 1939 a : 121.  
*Rhynchodemus sylvaticus* : Hyman, 1939 b : 433.  
*Rhynchodemus sylvaticus* : Hyman, 1940 b : 105.

- Rhynchodemus bilineatus* : Adam & Leloup, 1941 : 1-2. Belgium.
- Rhynchodemus bilineatus* : de Beauchamp, 1941 : 45.
- Rhynchodemus bilineatus* : Gislén, 1943 : 672-673.
- Rhynchodemus sylvaticus* : Hyman, 1943 : 5-7, fig. 8, 8 A (HI), 9, 13, 18-19.
- Geodesmus bilineatus* : Hyman, 1943 : 20.
- Rhynchodemus sylvaticus* : Pantin, 1944 : 80.
- Rhynchodemus sylvaticus* : Corrêa, 1947 : 59.
- Rhynchodemus sylvaticus* : Prudhoe, 1949 a : 427.
- Rhynchodemus bilineatus* : Pantin, 1950 : 26-36, figs. 2 b, 3 a (HI) ; pl. 2, figs. 5-13 (DVB).
- Synonym of *Rhynchodemus sylvaticus* Leidy, 1851.
- Rhynchodemus sylvaticus* : Pantin, 1950 : 33-36. Cambridge, England / U. K.
- Rhynchodemus sylvaticus* : de Beauchamp, 1951 : 83.
- Rhynchodemus sylvaticus* : Hyman, 1951 : 162, fig. 62 C-D (DVB, FCA).
- Rhynchodemus bilineatus* : Jaekel & Kunze, 1951 : 143-145.
- Rhynchodemus bilineatus* : Leloup, 1952 : 165.
- Rhynchodemus bilineatus* : du Bois-Reymond Marcus, 1953 : 71-72.
- Rhynchodemus sylvaticus* : du Bois-Reymond Marcus, 1953 : 72.
- Rhynchodemus sylvaticus* : Marcus, 1953 : 26, 49, 54.
- Rhynchodemus bilineatus* : Marcus, 1953 : 50, 54.
- Rhynchodemus sylvaticus* : Pantin, 1953 : 207-208, 210, 213-214, 216. Syn. *Rhynchodemus bilineatus* : 207-208, 210, 216.
- Rhynchodemus sylvaticus* : Hyman, 1954 : 2 - 3. Illinois / U. S. A. Syn. *Rhynchodemus bilineatus* : 2-6, fig. 1 (FCA based upon Pantin's material from England).
- "*Geodesmus bilineatus*"? (of von Kennel's 1882 paper) : Hyman, 1954 : 13, fig. 7 (FCA), 16-17.
- Rhynchodemus bilineatus* : Jackel, 1955 : 14. W. Germany.
- Rhynchodemus sylvaticus* : du Bois-Reymond Marcus, 1955 : 34, 37. Syn. *Rhynchodemus bilineatus* : 34.
- Rhynchodemus sylvaticus* : Ogren, 1955 b : 54-60, figs. 1-6 (DVB, VH, HI, FCA). Illinois and New York / U. S. A.
- Rhynchodemus bilineatus* : Valkanov, 1955 : 401-404, fig. (DB). Botanischen Garten der Bulgarischen Akademie der Wissenschaften zu Sofia, Sofia / Bulgaria.
- Rhynchodemus sylvaticus* : de Beauchamp, 1956 : 118. Syn. *Rhynchodemus bilineatus* : 118.
- Rhynchodemus sylvaticus* : Ogren, 1956 : 218-224, figs. 1-18 (sketches showing movement of animals). Lakewood, New York / U. S. A. Syn. *Rhynchodemus bilineatus* : 218.
- Rhynchodemus sylvaticus* : Ogren, 1957 : 45-51, figs. 1-9 (DB, HI, FCA, and cocoons). Lakewood, New York / U. S. A. Syn. *Rhynchodemus bilineatus* : 47, 51.
- Rhynchodemus bilineatus* : Clark & Cowey, 1958 : 736, 743. U. K.
- Rhynchodemus bilineatus* : du Bois-Reymond Marcus, 1958 : 393.
- Rhynchodemus bilineatus* : Pfitzner, 1958 : 238, 240-243, 249-250, 266-267, 278-279, fig. 27 (HI), 285, fig. 31 (2) (HI), 286-287, 292, 294, 296, 299, 304, 307. Berlin / W. Germany.
- Rhynchodemus sylvaticus* : (= *Rhynchodemus bilineatus*) : Pfitzner, 1958 : 242-243.
- Rhynchodemus sylvaticus* : du Bois-Reymond Marcus & Marcus, 1959 : 30. Syn. *Rhynchodemus bilineatus* : 30-31. Azores Islands / Portugal.
- Rhynchodemus sylvaticus* : Thompson, 1959 : 84.
- Rhynchodemus sylvaticus* : Klots, 1960 : 33.

*Rhynchodemus sylvaticus* : Ogren, 1961 : 378.  
*Rhynchodemus bilineatus* : den Hartog, 1962 b : 15, 19.  
*Rhynchodemus sylvaticus* : den Hartog, 1962 b : 17.  
*Rhynchodemus bilineatus* : Berland, 1968 b : 96.  
*Rhynchodemus sylvaticus* : Connella & Stern, 1969 : 309, 311. Orleans Parish, Louisiana / U. S.

A.

*Rhynchodemus bilineatus* : den Hartog, 1973 : 45. Netherlands.  
*Rhynchodemus bilineatus* : den Hartog & Van der Velde, 1973 : 41. Netherlands.  
*Rhynchodemus bilineatus* : Abraham, 1974 : 229-232, figs. 1-3 (DB and figures showing the movement of animals). Karlsruhe, Baden-Württemberg / W. Germany.  
*Rhynchodemus sylvaticus* : Minelli, 1974 : 545. Syn. *Rhynchodemus bilineatus* : 536, 545.  
*Rhynchodemus sylvaticus* : Minelli, 1976 : 97.  
*Rhynchodemus bilineatus* : Ball, 1977 : 506.  
*Rhynchodemus sylvaticus* : Minelli, 1977 b : 402-403, 409-411, figs. 1 A-2 A (HI, DB), 412-413, fig. 3 A (FCA), 414.  
*Rhynchodemus bilineatus* : Willis & Edwards, 1977 : 113.  
*Rhynchodemus bilineatus* : Jones, 1978 a : 412, 414.  
*Rhynchodemus bilineatus* : Jones, 1978 b : 20. Cambridge, Cornwall and Devon, England / U. K.  
*Rhynchodemus sylvaticus* : Ball & Reynoldson, 1981 : 108-111, fig. 33 A-B (DB, FCA). U. K.  
*Rhynchodemus sylvaticus* : Cuppen & Van der Verde, 1981 : 135, fig. 1 (DB, DH). Netherlands.  
*Rhynchodemus sylvaticus* : Minelli, 1981 : 42-46, 48-49, figs. 2 a-c (HI), 4 a-e (DB).  
*Rhynchodemus sylvaticus* : Ogren, 1981 : 52-55, figs. 1-2 (DB). Kingston, Pennsylvania / U. S. A.  
*Rhynchodemus sylvaticus* : Ogren, 1983 : 69-72, figs. 1-2 (FGO, FCA). Kingston, Pennsylvania / U. S. A. Syn. *Rhynchodemus bilineatus* : 69-72.

*Rhynchodemus sylvaticus* : Ogren, 1984 : 130.  
*Rhynchodemus sylvaticus* : Ogren, 1985 : 118.  
*Rhynchodemus sylvaticus* : Van der Verde & de Vries, 1985 : 4, 14, 16, 18.  
*Rhynchodemus sylvaticus* : Cannon, 1986 : 69, fig. (DB, FGO).  
*Rhynchodemus sylvaticus* : Ogren, 1986 : 175-179, figs. 1-6 (FCA, FGO). Wisconsin, Illinois, Pennsylvania, and New York / U. S. A.  
*Rhynchodemus sylvaticus* : Jones, 1989 (In press) : fig. 3 (map showing the geographical distribution of the species in the Great Britain and Ireland). U. K. (probable origin : U. S. A.).

*Rhynchodemus taunayi* Diesing, 1861

See *Geoplana brasiliensis* (Blainville, 1826); *Planaria brasiliensis* Blainville, 1826; *Rhynchodemus brasiliensis* (Blainville, 1826). Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

*Rhynchodemus testaceus* Hutton, 1880

See *Geoplana testacea* (Hutton, 1880). Geoplanidae. Cf. Ogren & Kawakatsu, Ms.

*Rhynchodemus thwaitesii* Moseley, 1875

See *Microplana thwaitesii* (Moseley, 1875); *Platydemus thwaitesii* (Moseley, 1875). Microplaninae. Cf. Ogren & Kawakatsu, Ms.

*Rhynchodemus trilineatus* Fletcher et Hamilton, 1888

See *Platydemus trilineatus* (Fletcher et Hamilton, 1888).

*Rhynchodemus varians* von Graff, 1899

*Rhynchodemus varians* n. sp. von Graff, 1899 : 499 ; taf. XV, figs. 12-16 (DB, DH, CP in color). Buitenzorg, Java / Indonesia.

*Desmorhynchus varians* : de Beauchamp, 1930 a : 80.

Note : de Beauchamp (1930 a) classified this species as *Desmorhynchus ochroleucus* var. *variens* von Graff, 1899.

See *Rhynchodemus ochroleucus varians* von Graff, 1899.

***Rhynchodemus vej dovskyi* von Graff, 1899**

*Rhynchodemus vej dovskyi* n. sp. von Graff, 1899 : 200, text-fig. 51 (FGO), 492-493 ; taf. XVI, figs. 13-16 (DB, DH, CP in color), LVIII, fig. 51 (FCA). Buitenzorg, Java/Indonesia ; Singapore.

*Rhynchodemus vej dovskyi* : Laidlaw, 1903 a : 116. Singapore.

*Rhynchodemus vej dovskyi* : Bendl, 1908 a : 550-551.

*Rhynchodemus vej dovskyi* : Bendl, 1908 b : 316-317.

*Rhynchodemus vej dovskyi* : Fuhrmann, 1914 b : 788.

*Rhynchodemus vej dovskyi* : von Graff, 1914 : 2955.

*Rhynchodemus vej dovskyi* : von Graff, 1915 : 3024, 3035, 3074.

*Rhynchodemus vej dovskyi* : von Graff, 1917 : 3341.

*Rhynchodemus vej dovskyi* : Steinköck, 1925 : 186.

*Rhynchodemus vej dovskyi* : Meixner, 1928 : 600.

*Rhynchodemus vej dovskyi* : Heinzel, 1929 : 459-460.

*Rhynchodemus vej dovskyi* : de Beauchamp, 1930 a : 81, 84-85.

*Rhynchodemus vej dovskyi* : Tu, 1940 : 219.

*Rhynchodemus vej dovskyi* : Marcus, 1953 : 47.

*Rhynchodemus vej dovskyi* : du Bois-Reymond Marcus, 1955 : 37.

*Desmorhynchus vej dovski* : Pfitzner, 1958 : 244-243. Spelling error.

*Rhynchodemus vej dovsky* : Ogren, 1983 : 72. Spelling error.

*Rhynchodemus vej dovskyi* : Ogren, 1986 : 12-13.

***Rhynchodemus* cf. *vej dovskyi* von Graff, 1899**

See *Rhynchodemus nematopsis* (de Beauchamp, 1930).

***Rhynchodemus victoriae* Dendy, 1890**

See *Platydemus victoriae* (Dendy, 1890).

***Rhynchodemus victoriae* var. *steelii* Dendy, 1895**

See *Platydemus victoriae* (Dendy, 1890).

***Rhynchodemus waburtonianus* Schröder, 1924**

*Rhynchodemus waburtonianus* n. sp. Schröder, 1924 : 278 ; taf. III, fig. 17 a-b (DB, DH).

Lifou, Képénêé/Loyalty Islands (Îles Loyauté).

## UNDESCRIBED RHYNCHODEMID SPECIES

***Digonopyla* sp. of West-Flores (Indonesia). Rensch, 1930**

Eine der Gattung *Digonopyla* (Herrn Prof. Meixner festgestellt werden) : Rensch, 1930 : 147-148.

See *Digonopyla* ? *tetracelis* (Haslauer-Gamisch, 1981).

***Geodesmus* sp. ? of Angola. de Beauchamp, 1951.**

*Geodesmus* sp. ? de Beauchamp, 1951 : 8 km NE de Sá da Bandeira (1700 m), Hoque/Angola.

***Microplana* sp. of Italy (1). Minelli, 1974.**

*Microplana* sp. Minelli, 1974 : 540. Parco Regionale di Fusine (Udine), Alpi Orientali/Italy.

***Microplana* sp. of Italy (2). Minelli, 1977.**

*Microplana* sp. Minelli, 1977 b : 409. Venetian Prealps, Cansiglio and Tarvisio, Fusine

(Udine)/Italy.

*Microplana* sp. ? of Kivu. de Beauchamp, 1956.

*Microplana* sp. ? de Beauchamp, 1956 : 119. Mt. Muhi, Kivu/Zaire (Zaire).

*Microplana* sp. of Malta. Minelli, 1977.

*Microplana* sp. Minelli, 1977 a : 173-174, 176. Malta (Marte)/Italy.

*Microplana* sp. Steinböck, 1925. Locality unknown.

*Microplana* sp. Steinböck, 1925 : 175, fig. 3 (HI).

Microplaninae sp. 978 of Cape Prov. Marcus, 1955.

Microplaninae species 978. Marcus, 1955 a : 133, 150, pl. 11, figs. 65-67 (DVB, CP). Tzitzikama Forest, Stormsrivierpiek, Cape Prov./S. Africa.

Microplaninae sp. 984 of Cape Prov. Marcus, 1955.

Microplaninae species 984. Marcus, 1955 a : 132-133, 150, pl. 11, fig. 64 (DB). Bloukrans River, 25 km ENE Plettenberg's Bay, Tzitzikama Mountains, Cape Prov./S. Africa.

Microplaninae sp. 999 of Cape Prov. Marcus, 1955.

Microplaninae species 999. Marcus, 1955 a : 133, 150, pl. 11, fig. 68 (VB). Tzitzikama Forest, Stormsrivierpiek, Cape Prov./S. Africa.

Microplaninae sp. 1001 of Cape Prov. Marcus, 1955.

Microplaninae species 1001. Marcus, 1955 a : 132, 150, pl. 11, fig. 63 (DB). Mitchell's Pass, near Ceres, Cape Prov./S. Africa.

Microplaninae sp. 991 of Natal. Marcus, 1955.

Microplaninae species 991. Marcus, 1955 a : 133, 150, pl. 11, fig. 69 (DVB). Zululand, Hluhluwe, Game Reserve, Natal/S. Africa.

Microplaninae sp. of National Garamba Park. Marcus, 1955.

Microplaninae sp. Marcus, 1955 b : 21-24, figs. 28-31 (DB, HI). Zaire (Zaire).

Rhynchodemid sp. A of Panama. Hyman, 1962.

Rhynchodemid A. Hyman, 1962 : 23-24, fig. 27 (DB). Casita Alta, Finca Lerida, Boquete, Chiriqui/Panama.

Rhynchodemid sp. B of Panama. Hyman, 1962.

Rhynchodemid B. Hyman, 1962 : 23-24, fig. 28 (DB). Panama.

*Rhynchodemus* sp. of Bulgaria. Valkanov, 1955

*Rhynchodemus* sp. Valkanov, 1955 : 404. Karstquellen von Devnja/Bulgaria.

Rhynchodemidae sp. of Cameron Highlands (Malaysi). Kawakatsu, 1986.

Rhynchodemidae gen. et sp. indet. Kawakatsu, 1986 : 2, 11-13, fig. 7 A-C (DVB, DH), 15. Pahng (1200 m), Cameron Highlands, Malaya/W. Malaysia.

Rhynchodemidae sp. of Marques. Prudhoe, 1949.

Unidentified rhynchodemid. Prudhoe, 1949 b : 253-255, fig. 6 a, b (DB). Ooumu and Tekao Hill, Nokuhiva/Marques Islands.

Rhynchodemidae sp. of Ponape. Hyman, 1940.

Unidentified Rhynchodemid. Hyman, 1940 b : 358, fig. 12 (DB), 361-362. Jokaj Islet, Ponape/Caroline Islands.

Rhynchodemidae sp. of Singapore. de Beauchamp, 1933.

Rhynchodémidé Indéterminé. de Beauchamp, 1933 : 120. Scotts Road/Singapore.

*Rhynchodemus* sp. Lang, 1881. Locality unknown.

*Rhynchodemus* sp. Lang, 1881 : 62 ; taf. V, figs. 10-11 (HI).

*Rhynchodemus* sp. Steinböck, 1925 : 174.

- Rhynchodemus* spp.? Simroth, 1891.  
 Simroth, 1891 : 197, 202, 209, 232, 245, 453. Cited from von Graff, 1899.  
 von Graff, 1899 : 255, 264.
- Rhynchodemus* sp. of Anaimalais (India). de Beauchamp, 1930.  
*Rhynchodemus* sp. de Beauchamp, 1930 b : 727. Naduar-Estate, Anaimalais, India.
- Rhynchodemus* sp. of Ceylon (Sri Lanka). Bergendal, 1892.  
 Bergendal, 1892 : 32, 39.  
 von Graff, 1899 : 506.
- Rhynchodemus* sp. 1 of Fiji. de Beauchamp, 1952.  
*Rhynchodemus* sp. 1. de Beauchamp, 1952 : 51-53, fig. 1 (FCA). Viti Levu, Tholo-i-Suva/Fiji.
- Rhynchodemus* sp. 2 of Fiji. de Beauchamp, 1952.  
*Rhynchodemus* sp. 2. de Beauchamp, 1952 : 53-55, fig. 2 (FCA). Viti Levu, Tholo-i-Suva/Fiji.
- Rhynchodemus* sp. of Johore. de Beauchamp, 1940.  
*Rhynchodemus* sp. de Beauchamp, 1940 : 117. Gunong Pulai, Johore/W. Malaysia.  
*Rhynchodemus* sp. Kawakatsu, 1986 : 12.
- Rhynchodemus* sp. of National Garamba Park. Marcus, 1955.  
*Rhynchodemus* sp. Marcus, 1955 b : 22, figs. 32-34 (DB, DH, HI), 24-26. Zaire (Zaïre).
- Rhynchodemus* sp. of Palnis (India). de Beauchamp, 1930.  
*Rhynchodemus* sp. de Beauchamp, 1930 b : 727. Grande Kukkalshola, Palnis/India.
- Rhynchodemus* sp. of Paran . Froehlich, 1956.  
*Rhynchodemus* sp. Froehlich, 1956 b : 187. Caiob , Paran /Brazil.
- Rhynchodemus* sp. of Peru. du Bois-Reymond Marcus, 1958.  
*Rhynchodemus*-spec. du Bois-Reymond Marcus, 1958 : 393-394, 408-409, figs. 3-5 (DB, DVH).  
 Cerro Macheipungo (3000 m), 4 km NW Bambamarca/Peru.
- Rhynchodemus* sp.? of Peru. de Beauchamp, 1940.  
*Rhynchodemus* sp.? de Beauchamp, 1940 : 75. Capachica/Peru.  
*Rhynchodemus* sp. : Prudhoe, 1949 a : 427.
- Rhynchodemus* sp. of Sainte-H l ne. Ball, 1977.  
*Rhynchodemus* species incertae. Ball, 1977 : 505-506. Thompson's Wood, Sainte-H l ne (Saint Helena)/G. B.
- Rhynchodemus*? sp. of Sainte-H l ne. Ball, 1977.  
*Rhynchodemus*? sp. Ball, 1977 : 506. Sandy Bay Beach, Sainte-H l ne (Saint Helena)/G. B.
- Rhynchodemus* sp. of S. Sumatra. de Beauchamp, 1929.  
*Rhynchodemus* sp. de Beauchamp, 1929 : 424 ; pl. XI, fig. 2 (DB). Wai Lima, Lampongs, S. Sumatra/Indonesia.
- Rhynchodemus* sp. A of Washington, D. C. Hyman, 1943.  
*Rhynchodemus* sp. A. Hyman, 1943 : 9-14, figs. 19, 21 (DB, HI). The greenhouse in Washington, D. C./U. S. A. Possibly *Rhynchodemus bosci* (von Graff, 1899). See *Dolichoplana bosci* von Graff, 1899.  
*Rhynchodemus* sp. A : Prudhoe, 1949 a : 427.
- Rhynchodemus* sp. B of St. Louis. Hyman, 1943.  
*Rhynchodemus* sp. B. Hyman, 1943 : 11, 14, fig. 22 (DB). Greenhouses, Forest Park, St. Louis, Missouri/U. S. A.  
*Rhynchodemus* sp. B : Prudhoe, 1949 a : 427.

## THE GENUS AND SPECIES ERRONEOUSLY DESCRIBED UNDER TRICLADIDA TERRICOLA

Genus *Nematodemus* von Graff, 1899

*Nematodemus* n. g. von Graff, 1896 : 72.

Type species : *Nematodemus lumbricoides* von Graff, 1899

Literature : von Graff, 1896 : 72 ; von Graff, 1899 : 513 ; Sarasin, 1910 : 44 ; von Graff, 1916 : 3230a ; Pantin, 1953 : 207-208, 217. Heteronemertea (Nemertinea, Anopla).

*Nematodemus lumbricoides* von Graff, 1899

*Nematodemus lumbricoides* n. sp. von Graff, 1896 : 72. nom. nud.

*Nematodemus lumbricoides* n. sp. von Graff, 1899 : 513 ; taf. XIV, figs. 12-13 (DH, CP in color).  
Ceylon/Sri Lanka.

*Nematodemus lumbricoides* : Ikeda, 1911 : 122.

*Nematodemus lumbricoides* : von Graff, 1916 : 3230a.

*Nematodemus lumbricoides* : Pantin, 1953 : 207-208, 217. Heteronemertine.

Note : S. Prudhoe (British Mus., Nat. Hist.) confirmed this species is a marine Heteronemertine (cf. Pantin, 1953 : 207-208). Ogren also examined the species and confirmed it was a Nemertine when he visited the British Museum in the summer of 1985 (June 12, 1985). Cf. Gibson & Ogren, Ms.

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The present Rhynchodeminae Index is continued in the Microplaninae Index (OGREN & KAWAKATSU, Ms.) which will be published in 1989.

In Microplaninae, *Dolichoplana voeltzkowi* VON GRAFF, 1899, and *Amblyplana Voeltzkowi* GEBA, 1909, are transferred into the same genus *Microplana* VEJDOVSKÝ, 1890. Thus, the latter must receive a new name (cf. MARCUS, 1953, p. 53, footnote 1) The following new name is proposed.

*Microplana gebavoeltzkowi* nom. nov.

Syn. *Amblyplana Voeltzkowi* GEBA, 1909. Type locality : Angasidga, Comoro Islands (Comoren)/Comores.

nec *Dolichoplana voeltzkowi* VON GRAFF, 1899. Type loc. : Nosy Be (Nossibé)/Madagascar.

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On the generic names of *Caenoplana* MOSELEY, 1877, and *Coenoplana* MOSELEY, 1877.

In the original description of the genus *Caenoplana*, MOSELEY (1877, p. 285) used this spelling ; he used linked type in printing diphthongs "ae". Three new species of this genus were also described on the same page and their generic name was printed as *Caenoplana*. The first species, which is now assigned as the type species, was printed as *Caenoplana coerulea* ; a linked type "oe" was used in its specific name. MOSELEY's paper (*op. cit.*) included on page 289 a list of his new genus and three new species mentioned above and a non-identified species of the genus ; he used the generic name *Coenoplana* printed by linked type "oe".

FLETCHER & HAMILTON (1888), who cited MOSELEY's (1877) genus, used both *Caenoplana* and *Coenoplana* ; *Ca[e]noplana* was also found on page 351. Moreover, the specific name of the type

species was printed as both "*coerulea*" and "*caerulea*". DENDY (1890, 1891, 1895 a, b) used *Coenoplana*. But he (1891, p. 70) also used both *Geoplana coerulea* and *Geoplana caerulea*. All these old papers employed linked type in printing diphthongs "ae" and "oe".

As was noted in the International Code of the Zoological Nomenclature, 3rd Edition (ICZN, 1985 ; Appendix E, General Recommendations, 3), vowels linked together risked errors in later transcription. MOSELEY's (1877) original spelling of *Caenoplana* does not appear to be a *lapsus calami* of *Coenoplana*, because *Caenoplana* was the spelling first introduced on page 285 with the taxonomic description of his new genus and species. Perhaps printer's error can account for the second spelling of *Coenoplana* on page 289 where the genus and species are merely listed and on page 280 where *Coenoplana coerulea* is mentioned. In Latin "caen(o)" (*i.e.*, in general) and "coen(o)" (*i.e.*, common) have nearly the same meanings and both spellings can be used. There are some possibilities that "caeno" was formed from a Greek word "καινός" (*kainós*, *i.e.*, new or recent), which appears as a more logical etymology, and "coeno" was formed from a "κοινός" (*koinós*, *i.e.*, common). In this case the meanings of both words are different. MOSELEY's (1877) new genus "*Coenoplana*" was placed as a junior synonym of the genus *Geoplana* STIMPSON, 1857, by DENDY (1890, p. 51). This classification was also employed by VON GRAFF (1899) and the following specialists of land planarians (cf. WOOD, 1926 ; WINSOR, 1979) except for FROELICH (1955) and JONES (1987, 1989). The selection of the correct spelling has recently become important since the genus is no longer considered synonymous with *Geoplana* and is thus taxonomically available (cf. FROELICH, 1955 ; OGREN, 1989 Abstract ; OGREN & KAWATSU, 1988).

Additionally, the specific name "*coerulea*" was employed by MOSELEY (1877, pp. 285, 289). In Latin "*coeruleus*" (= *caeruleus*) means a deep blue coloration (*κύανος* in Greek). MOSELEY (*op. cit.*, p. 285) wrote : "Entire body of a dark Prussian blue colour, somewhat lighter on the undersurface of the body and with a single, narrow, medial, dorsal, longitudinal stripe of white". Although the specific name "*caerulea*" is sometimes found in literature for MOSELEY's (1877) species of *Caenoplana coerulea*, it seems to be a *lapsus calmi* of "*coerulea*". Since these names indicate the same species, they are not deemed to be homonyms (ICZN, Art. 58 (1) ; see also Art. 32 (c) (ii)).

There is no evidence of an inadvertent error for the generic name *Caenoplana* (ICZN, Art. 32). Moreover, in our opinion, neither DENDY (*op. cit.*), nor VON GRAFF (*op. cit.*) qualify as first revisors (ICZN, Art. 24 (c)) in the strict meaning. Therefore, the present recommendation appears desirable. Thus, the genus name *Caenoplana* MOSELEY, 1877 (p. 285) has the priority over *Coenoplana* MOSELEY, 1877 (p. 289) (cf. ICZN, Art. 24, Recommendation 24 A). For this reason, the following proposal is given.

Genus *Caenoplana* MOSELEY, 1877

Definition. See MOSELEY (1877, p. 285).

Type species. *Caenoplana coerulea* MOSELEY, 1877.

Synonyms of the genus and species :

*Coenoplana* ; *Coenoplana caerulea* ; *Geoplana coerulea* ; *Geoplana caerulea*.

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Many species originally described under several genera (*Microplana*, *Planaria*, *Platydemus*, *Rhynchodemus*, etc.) are now transferred into various genera of Rhynchodeminae or Microplaninae. Readers can discover the present taxonomic status of every known rhynchodemid species according to the following taxonomic indices of Rhynchodeminae and Microplaninae.



The necessary references for the Rhynchodeminae Index will be added at the end of the Microplaninae Index when it is published.

## TAXONOMIC INDEX : RHYNCHODEMINAE

- africanum* or *africanus*...see under *Othelosoma*, *Platydemus*. Microplaninae.
- albicinctus*...see under *Platydemus*. Rhynchodeminae.
- amboinensis*...see under *Rhynchodemus*. Rhynchodeminae.
- americanus*...see under *Rhynchodemus*. Rhynchodeminae.
- angustus*...see under *Rhynchodemus*, *Desmorhynchus*. Rhynchodeminae.
- aripensis*...see under *Rhynchodemus*. Rhynchodeminae.
- assimilis*...see under *Platydemus*. nec *Rhynchodemus assimilis* Geba, 1909. Rhynchodeminae.
- assimilis*...see under *Rhynchodemus*. nec *Platydemus assimilis* Wood, 1926. Rhynchodeminae.
- atropurpurea* or *atropurpureus*...see under *Microplana*, *Platydemus*, *Rhynchodemus*. Microplaninae.
- belli*...see under *Rhynchodemus ochroleucus belli*, *Rhynchodemus*, *Desmorhynchus* (*Rhynchodemus*) *ochroleucus* var. *belli*. Rhynchodeminae.
- bilineatus*...see under *Rhynchodemus sylvaticus*, *Geodesmus*, *Rhynchodemus*, *Rhynchodemus* (*Geodesmus*). Rhynchodeminae. Type species of the genus *Geodesmus* Meczniow, 1866.
- bistriatus*...see under *Platydemus*, *Rhynchodemus*. Rhynchodeminae.
- bivittatus*...see under *Platydemus*. Rhynchodeminae.
- blainvillei*...see under *Rhynchodemus*, *Desmorhynchus* (*Rhynchodemus*). Rhynchodeminae.
- boehmigi* or *Boehmigi*...see under *Platydemus*. nec *Rhynchodemus boehmigi* von Graff, 1899. Rhynchodeminae.
- boehmigi*...see under *Rhynchodemus*. nec *Platydemus boehmigi* Geba, 1909. Rhynchodeminae.
- boholicus*...see under *Platydemus*. Rhynchodeminae.
- borellii*...see under *Rhynchodemus*. Rhynchodeminae.
- borneensis*...see under *Cotyloplana*. Rhynchodeminae.
- bosci*...see under *Dolichoplana*. Rhynchodeminae.
- brasilienensis*...see under *Geoplana* (Geoplanidae), *Planaria*, *Rhynchodemus*, *Rhynchodemus taunayi*.
- bromelicola*...see under *Rhynchodemus*, *Desmorhynchus*. Rhynchodeminae.
- cameliae*...see under *Rhynchodemus*. Rhynchodeminae.
- carvalhoi*...see under *Dolichoplana*. Rhynchodeminae.
- chuni*...see under *Rhynchodemus*. Rhynchodeminae.
- coerulea*...see under *Caenoplana* (Geoplanidae). Type species of the genus *Caenoplana* Moseley, 1877.
- conradti*...see under *Dolichoplana*. Rhynchodeminae.
- conspersus*...see under *Platydemus*. Rhynchodeminae.
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- demani*...see under *Rhynchodemus*. Rhynchodeminae.
- diesingi*...see under *Cotyloplana*. Rhynchodeminae.
- diorchis*...see under *Rhynchodemus*, *Desmorhynchus*. Rhynchodeminae.
- dubius*...see under *Platydemus*, *Rhynchodemus*. Rhynchodeminae.
- dugesi* or *dugēsi*...see under *Cotyloplana*. Rhynchodeminae.
- excavatus*...see under *Rhynchodemus*. Rhynchodeminae.
- fasciatus*...see under *Platydemus*, *Rhynchodemus*. Rhynchodeminae.
- feildeni*...see under *Dolichoplana*. Rhynchodeminae.
- figdori*...see under *Rhynchodemus*. Rhynchodeminae.
- fasciatus*...see under *Platydemus*, *Rhynchodemus*. Rhynchodeminae.
- forrestianus*...see under *Rhynchodemus*. Rhynchodeminae.
- graelzi*...see under *Rhynchodemus*. Rhynchodeminae.
- grandis*...see under *Platydemus*, *Rhynchodemus*. Rhynchodeminae. Type species of the genus *Platydemus* von Graff, 1896.
- guttatus*...see under *Rhynchodemus*. Rhynchodeminae.
- hallezi*...see under *Rhynchodemus*. Rhynchodeminae.
- harneri*...see under *Digonopyla*, *Digonopyla* (*Dolichoplana*), *Dolichoplana*. Rhynchodeminae. Type species of the genus *Digonopyla* Fischer, 1926.
- hectori*...see under *Rhynchodemus*, *Desmorhynchus*, *Desmorhynchus* (*Rhynchodemus*). Rhynchodeminae.
- hectori* var. *inopinata*...see under *Rhynchodemus inopinatus*, *Desmorhynchus*. Rhynchodeminae.
- hectori* var. *marfa*...see under *Rhynchodemus hectori marfa*. Rhynchodeminae.
- howesi*...see under *Microplana*, *Microplana pyrenaica*, *Rhynchodemus*, *Rhynchodemus pyrenaicus*. Microplaninae.
- ijimai* or *jijimai*...see under *Rhynchodemus*. Rhynchodeminae.
- inopinatus* or *inopinata*...see under *Rhynchodemus*, *Desmorhynchus hectori* var. *inopinata*, *Rhynchodemus hectori* var. *inopinata*. Rhynchodeminae.
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- jolivetii*...see under *Platydemus*. Rhynchodeminae.

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- kraepelini*...see under *Platydemus*. Rhynchodeminae.
- laterolineatus* ... see under *Platydemus*, *Rhynchodemus*. Rhynchodeminae.
- leidyi*...see under *Platydemus*. Rhynchodeminae.
- lindsaysianus* ... see under *Rhynchodemus*. Rhynchodeminae.
- lineolatus*...see under *Platydemus*, *Rhynchodemus*. Rhynchodeminae.
- lividus*...see under *Platydemus*. Rhynchodeminae.
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- lubbocki*...see under *Rhynchodemus*. Rhynchodeminae.
- lumbricoides*...see under *Nematodemus*. Heteronemertea (Nemertinea, Anopla). Type species of the genus *Nematodemus* von Graff, 1899.
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- macrophthalmus* ... see under *Platydemus*. Rhynchodeminae.
- maculatus* ... see under *Rhynchodemus*, *Desmorhynchus*. Rhynchodeminae.
- manokwari*...see under *Platydemus*. Rhynchodeminae.
- mediolineatus* ... see under *Platydemus*, *Rhynchodemus*. Rhynchodeminae.
- megalophthalma* or *megalophthalmus*...see under *Cotyloplana*, *Rhynchodemus*. Rhynchodeminae.
- mertoni*...see under *Dolichoplana*. Rhynchodeminae.
- michaelseni*...see under *Rhynchodemus*. Rhynchodeminae.
- miniatus*...see under *Platydemus*. Rhynchodeminae.
- misus*...see under *Rhynchodemus*. Rhynchodeminae.
- mitchellianus* ... see under *Rhynchodemus*. Rhynchodeminae.
- montanus*...see under *Platydemus*. Rhynchodeminae.
- moseleyi* or *Moseleyi*...see under *Platydemus*, *Rhynchodemus*. Rhynchodeminae.
- nematoides*...see under *Rhynchodemus*, *Desmorhynchus*. Rhynchodeminae.
- nematopsis*...see under *Rhynchodemus*, *Rhynchodemus* cf. *vejdovskyi*, *Desmorhynchus*. Rhynchodeminae.
- nietneri* or *Nietneri*...see under *Dolichoplana*, *Rhynchodemus*. Rhynchodeminae.
- niger*...see under *Platydemus*, *Rhynchodemus*. Rhynchodeminae.
- nilgiriensis* ... see under *Pelmatoplana* (Geoplanidae), *Cotyloplana*.
- nolli*...see under *Rhynchodemus*. Rhynchodeminae.
- oahuensis*...see under *Rhynchodemus*. Rhynchodeminae.
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- ochroleucus*...see under *Rhynchodemus*, *Desmorhynchus*. Rhynchodeminae.
- ochroleucus* var. *belli*...see under *Rhynchodemus* *ochroleucus belli*, *Rhynchodemus belli*, *Desmorhynchus*, *Desmorhynchus* (*Rhynchodemus*). Rhynchodeminae.
- ochroleucus* var. *varians*...see under *Rhynchodemus* *ochroleucus varians*, *Rhynchodemus varians*, *Desmorhynchus*. Rhynchodeminae.
- orana*...see under *Kontikia* (Geoplanidae). Type species of the genus *Kontikia* Froehlich, 1955.
- palnisius*...see under *Rhynchodemus*. Rhynchodeminae.
- pellucidus* ... see under *Rhynchodemus*, *Desmorhynchus* (*Rhynchodemus*). Rhynchodeminae.
- philippensis*...see under *Dolichoplana striata*, *Dolichoplana*. Rhynchodeminae.
- picta*...see under *Dolichoplana*. Rhynchodeminae.
- pilleata*...see under *Cotyloplana*. Rhynchodeminae.
- pindaudei*...see under *Platydemus*. Rhynchodeminae.
- piptus*...see under *Rhynchodemus*. Rhynchodeminae.
- pyrenaica* or *pyrenaicus*...see under *Microplana*, *Microplana howesi*, *Rhynchodemus howesi*. Microplaninae.
- procera*...see under *Dolichoplana*. Rhynchodeminae.
- punctata*...see under *Cotyloplana*. Rhynchodeminae.
- putzei*...see under *Rhynchodemus*, *Desmorhynchus*. Rhynchodeminae.
- quadrilineata*...see under *Caenoplana*?, or *Kontikia*? (Geoplanidae), *Platydemus*.
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- rubrocinctus* ... see under *Rhynchodemus*. Rhynchodeminae.
- samperi* ... see under *Rhynchodemus*, *Desmorhynchus*. Rhynchodeminae.
- scharffi*...see under *Microplana*, *Rhynchodemus*. Microplaninae.
- schmardai*...see under *Rhynchodemus*, *Desmorhynchus*. Rhynchodeminae.
- schubarti*...see under *Rhynchodemus*. Rhynchodeminae.
- sciurus*...see under *Rhynchodemus*. Rhynchodeminae.
- scriptus*...see under *Rhynchodemus*. Rhynchodeminae.
- septemstriatus*...see under *Platydemus*. Rhynchodeminae.
- sharpi*...see under *Cotyloplana*. Rhynchodeminae.
- signata*...see under *Dolichoplana*. Rhynchodeminae.
- simulans*...see under *Rhynchodemus*. Rhynchodeminae.
- sondaica*...see under *Geoplana*, *Pelmatoplana* (Geoplanidae). Type species of the genus *Pelmatoplana* von Graff, 1896.
- steinboeckii* or *steinböckii*...see under *Caenoplana*?, or

*Kontikia?* (Geoplanidae), *Elattodemus*. Type species of the genus *Elattodemus* Haslauer-Gamisch, 1982.

*stenopus*...see under *Rhynchodemus*. Rhynchodeminae.  
*striata*...see under *Dolichoplana*. Rhynchodeminae. Type species of the genus *Dolichoplana* Moseley, 1877.  
*sumbawaeiensis*...see under *Caenoplana?*, or *Kontikia?* (Geoplanidae), *Platydemus*.  
*sylvaticus* or *sylvatica*...see under *Rhynchodemus*, *Geoplana* (*Rhynchodemus*), *Planaria*. Rhynchodeminae. Type species of the genus *Rhynchodemus* Leidy, 1851.  
*tabatteldili*...see under *Platydemus*. Rhynchodeminae.  
*taunayi*...see under *Geoplana brasiliensis* (Geoplanidae), *Planaria brasiliensis*, *Rhynchodemus*.  
*testacea*...see under *Geoplana* (Geoplanidae), *Rhynchodemus*.  
*tetracelis*...see under *Digonopyla?*, *Myriopharynx*. Rhynchodeminae. Type species of the genus *Myriopharynx* Haslauer-Gamisch, 1982.  
*thwaitesii*...see under *Microplana*, *Platydemus*, *Rhynchodemus*. Microplaninae.  
*torva*...see under *Planaria*, *Fasciola* (Paludicola or Probursalia). Type species of the genus *Planaria* Müller, 1776.  
*trilineatus*...see under *Platydemus*, *Rhynchodemus*. Rhynchodeminae.  
*tristis*...see under *Dolichoplana*. Rhynchodeminae.  
*vaginuloides*...see under *Geoplana* (Geoplanidae), *Planaria*.

Type species of the genus *Geoplana* Stimpson, 1857.

*vanheurni* or *van-heurni*...see under *Platydemus*. Rhynchodeminae.  
*varians*...see under *Rhynchodemus*, *Rhynchodemus ochroleucus varians*, *Rhynchodemus ochroleucus* var. *varians*, *Desmorrhynchus ochroleucus* var. *varians*. Rhynchodeminae.  
*vejdovskyi* or *vejdovskyi*...see under *Rhynchodemus*, *Desmorrhynchus*. Rhynchodeminae. Type species of the genus *Desmorrhynchus* Heinzel, 1929.  
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*victoriae* var. *steelii*...see under *Platydemus victoriae*, *Rhynchodemus*. Rhynchodeminae.  
*vircata*...see under *Dolichoplana*. Rhynchodeminae.  
*voeltzkowi*...see under *Microplana*, *Dolichoplana*. Microplaninae.  
*waburtonianus*...see under *Rhynchodemus*. Rhynchodeminae.  
*whiteleggei*...see under *Cotyloplana*. Rhynchodeminae. Type species of the genus *Cotyloplana* Spencer, 1892.  
*zimmermanni* or *Zimmermanni*...see under *Platydemus*. Rhynchodeminae.

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*albicolis*...see under *Microplana*, *Orthodemus*, *Rhynchodemus*. Microplaninae.  
*anamallensis*...see under *Incapora*, *Rhynchodemus*. Microplaninae.  
*angolense*...see under *Othelosoma*, *Artiocotylus notabilis* var. *angolensis*. Microplaninae.  
*atrocyanea* or *atrocyaneus*...see under *Microplana*, *Geodesmus*, *Rhynchodemus*. Microplaninae.  
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*braueri*...see under *Amblyplana*, *Pelmatoplana*. Microplaninae.  
*britannica* or *britannicus*...see under *Microplana*, *Rhynchodemus*.

*demus*. Microplaninae.  
*caffrum* or *caffra*...see under *Othelosoma*, *Amblyplana*, *Artiocotylus*. Microplaninae.  
*capense* or *capensis*...see under *Othelosoma*, *Amblyplana*. Microplaninae.  
*carli*...see under *Microplana*, *Rhynchodemus*. Microplaninae.  
*ceylonica* or *ceylonicus*...see under *Microplana*, *Rhynchodemus*. nec *Pseudartiocotylus ceylonicus* Ikeda, 1911. Microplaninae.  
*ceylonicus*...see under *Pseudartiocotylus*. nec *Rhynchodemus ceylonica* von Graff, 1899. Microplaninae. Type species of the genus *Pseudartiocotylus* Ikeda, 1911.  
*cherangani*...see under *Microplana*, *Artiocotylus*. Microplaninae.  
*chinum*...see under *Othelosoma*. Microplaninae.  
*cockerelli*...see under *Microplana*, *Amblyplana*, *Geodesmus*. Microplaninae.

- conyum*...see under *Othelosoma*. Microplaninae.
- costaricensis*...see under *Microplana*, *Rhynchodemus*. Microplaninae.
- cylindricum* or *cylindrica*...see under *Othelosoma*, *Amblyplana*, *Artiocotylus*. Microplaninae.
- decennii*...see under *Microplana*, *Rhynchodemus*. Microplaninae.
- ehrenbergi*...see under *Amblyplana*. Microplaninae.
- flavescens*...see under *Othelosoma*, *Amblyplana*, *Artiocotylus*. Microplaninae.
- flavum* or *flavus* or *flava*...see under *Othelosoma*, *Amblyplana*, *Rhynchodemus*. Microplaninae.
- fuliginea*...see under *Amblyplana*. Microplaninae.
- fuscum* or *fuscus* or *fusca*...see under *Othelosoma*, *Amblyplana*, *Rhynchodemus*. Microplaninae. Type species of the genus *Amblyplana* von Graff, 1896.
- gebavoeltzkowi*...see under *Microplana*. Microplaninae.
- See also the Rhynchodeminae Index, p. 85.
- giustii*...see under *Microplana*. Microplaninae.
- gnaum*...see under *Othelosoma*. Microplaninae.
- graffi* or *Graffi*...see under *Microplana*, *Amblyplana*, *Rhynchodemus*. Microplaninae.
- gravelyi*...see under *Othelosoma*, *Rhynchodemus*. Microplaninae.
- haeckeli*...see under *Amblyplana*. Microplaninae.
- haitiensis*...see under *Microplana*, *Geodesmus*. Microplaninae.
- harea*...see under *Microplana*. Microplaninae.
- henrici*...see under *Microplana*, *Rhynchodemus*. Microplaninae.
- hepatica*...see under *Fasciola*, *Dendrocoelum lacteum* (Müller, 1774). Paludicola or Probursalia. Type species of the genus *Fasciola* Müller, 1774.
- hepaticarum*...see under *Othelosoma*, *Amblyplana*, *Artiocotylus*. Microplaninae. Type species of the genus *Fasciola* Linné, 1758.
- hirudineum* or *hirudineus*...see under *Othelosoma*, *Rhynchodemus*. Microplaninae.
- hovassei* or *Hovassei*...see under *Microplana*, *Rhynchodemus*. Microplaninae.
- howesi* or *Howesi*...see under *Microplana*, *Rhynchodemus*. Microplaninae.
- humicola*...see under *Microplana*, *Rhynchodemus*, *Rhynchodemus* (*Microplana*). Microplaninae. Type species of the genus *Microplana* Vojdovský, 1890.
- huntum*...see under *Othelosoma*. Microplaninae.
- hymanae*...see under *Diporodermus*. Microplaninae.
- indica*...see under *Microplana*, *Orthodermus*. Microplaninae.
- indigenus*...see under *Diporodermus*. Microplaninae.
- knysensis*...see under *Amblyplana*. Microplaninae.
- kuekenthali* or *kükenthali*...see under *Amblyplana*. Microplaninae.
- kukkal*...see under *Othelosoma*, *Rhynchodemus*. Microplaninae.
- macrothylax*...see under *Othelosoma*, *Artiocotylus*. Microplaninae.
- maheensis* or *mahéensis*...see under *Amblyplana*, *Pelmato-plana*. Microplaninae.
- mahnerti*...see under *Microplana*. Microplaninae.
- marcusi*...see under *Othelosoma*. Microplaninae.
- marlieri*...see under *Othelosoma*. Microplaninae.
- mediostrata* or *mediostratus*...see under *Microplana*, *Amblyplana*, *Rhynchodemus*. Microplaninae.
- monacensis*...see under *Microplana*, *Diporodermus*, *Rhynchodemus*. Microplaninae.
- montoyai* or *montoyae*...see under *Microplana*, *Amblyplana*, *Geodesmus*, *Rhynchodemus*. Microplaninae.
- musculosum* or *musculosus*...see under *Othelosoma*, *Diporodermus*, *Rhynchodemus*. Microplaninae.
- natalensis*...see under *Microplana*, *Amblyplana*, *Rhynchodemus*. Microplaninae.
- neumanni*...see under *Microplana*, *Amblyplana*, *Othelosoma*, *Rhynchodemus*. Microplaninae.
- ningrescens*...see under *Othelosoma*, *Amblyplana*, *Artiocotylus*, *Microplana*. Microplaninae.
- notabile* or *notabilis*...see under *Othelosoma*, *Amblyplana*, *Artiocotylus*, *Rhynchodemus*. Microplaninae.
- notabilis* var. *angolensis*...see under *Othelosoma angolense*, *Artiocotylus*. Microplaninae.
- peneckeii*...see under *Microplana*, *Rhynchodemus*. Microplaninae.
- perereca*...see under *Microplana*. Microplaninae.
- plenus*...see under *Diporodermus*. Microplaninae.
- polecatum*...see under *Othelosoma*. Microplaninae.
- pugum*...see under *Othelosoma*. Microplaninae.
- purpurea* or *purpureus*...see under *Microplana*, *Rhynchodemus*. Microplaninae. nec *Geoplana purpurea* Dendy, 1895; nec *Caenoplana purpurea* (Dendy, 1895). Cf. Jones (1987, p. 57; 1989).
- pyrenaica* or *pyrenaicus*...see under *Microplana*, *Rhynchodemus*. Microplaninae.
- retractile* or *retractilis*...see under *Othelosoma*, *Rhynchodemus*. Microplaninae.
- richardi*...see under *Microplana*, *Rhynchodemus*. Microplaninae.
- ruca*...see under *Geoplana* (Geoplanidae), *Microplana*.
- rudebecki*...see under *Othelosoma*. Microplaninae.
- rufoccephalata*...see under *Microplana*. Microplaninae.
- ruteocephala* or *ruteocephalus*...see under *Microplana*,

- Rhynchodemus*. Microplaninae.  
*saegeri*...see under *Othelosoma*. Microplaninae.  
*scharffi* or *Scharffi*...see under *Microplana*, *Rhynchodemus*. Microplaninae.  
*sholanum* or *sholanus*...see under *Othelosoma*, *Rhynchodemus*. Microplaninae.  
*sholanus* var. *uniductus*...see under *Othelosoma sholanum uniductus*, *Rhynchodemus sholanus* var. *uniductus*, *Microplana uniductus*. Microplaninae.  
*sondaica*... see under *Geoplana*. Geoplanidae. Type species of the genus *Pelmatoplana* von Graff, 1896.  
*speciosum* or *speciosus*...see under *Othelosoma*, *Amblyplana*, *Artiocotylus*. Microplaninae. Type species of the genus *Artiocotylus* von Graff, 1896.  
*styriaca* or *styriacus*...see under *Microplana*, *Rhynchodemus*. Microplaninae.  
*symondsii* or *Symondsii* or *symondsi* or *Symondsi*...see under *Othelosoma*. Microplaninae. Type species of the genus *Othelosoma* Gray, 1869.  
*teres*...see under *Microplana*, *Amblyplana*, *Rhynchodemus*. Microplaninae.  
*terrestris*...see under *Microplana*, *Fasciola*, *Fasciola (Rhynchodemus)*, *Geodesmus*, *Geoplana (Planaria)*, *Orthodemus*, *Planaria*, *Rhynchodemus*, *Rhynchodemus (Orthodemus)*. Microplaninae. Type species of the genus *Orthodemus* Hyman, 1954.  
*tetracladea* or *tetracladeus*...see under *Microplana*, *Amblyplana*, *Rhynchodemus*, *Rhynchodemus (Amblyplana)*. Microplaninae.  
*thwaitesii* or *Thwaitesii* or *thwaitesi*...see under *Microplana*, *Platydemus*, *Rhynchodemus*. Microplaninae.  
*torquatum* or *torquatus*...see under *Othelosoma*, *Rhynchodemus*. Microplaninae.  
*trifuscolineata* or *trifuscolineatus*...see under *Microplana*, *Amblyplana*, *Rhynchodemus*. Microplaninae.  
*tristriata* or *tristriatus*...see under *Microplana*, *Amblyplana*, *Rhynchodemus*. Microplaninae.  
*tyrrhenica*... see under *Geobenazzia*. Microplaninae.  
Type species of the genus *Geobenazzia* Minelli, 1974.  
*uniductus*...see under *Othelosoma sholanum uniductus*, *Microplana*, *Rhynchodemus sholanum* var. *uniductus*. Microplaninae.  
*unilineata* or *unilineatus*...see under *Microplana*, *Rhynchodemus*. Microplaninae.  
*viridis*...see under *Microplana*, *Amblyplana*, *Rhynchodemus*, *Rhynchodemus (Amblyplana)*. Microplaninae.  
*voeltzkowi* von Graff, 1899...see under *Microplana*, *Dolichoplana*, *Othelosoma*, *Rhynchodemus*. nec *Amblyplana Voeltzkowi* Geba, 1909. Microplaninae.  
*voeltzkowi* or *Voeltzkowi* Geba, 1909...see under *Microplana gebavoeltzkowi*, *Microplana*, *Amblyplana*. nec *Dolichoplana voeltzkowi* von Graff, 1899. Microplaninae.  
*voleum*...see under *Othelosoma*. Microplaninae.  
*wauzen*...see under *Othelosoma*. Microplaninae.  
*weyrauchi*...see under *Incapora*. Microplaninae. Type species of the genus *Incapora* du Bois-Reymond Marcus, 1953.  
*yaravi*...see under *Microplana*. Microplaninae.  
*yucatanii*...see under *Diporodemus*. Microplaninae. Type species of the genus *Diporodemus* Hyman, 1938.  
*zenkeri*...see under *Amblyplana*. Microplaninae.

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