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ZOOLOGICAL AND PALAEOONTOLOGICAL NOMEN- CLATORICAL NOTES.

By Professor *Embrik Strand*, F. Z. S., F. L. S., F. E. S.

Director of the Systematic Zoological Institute and of the Hydrobiological Station of
the Latvian University, Riga.

In this paper I have given a list of generic names with their literary citations which in the "Nomenclator animalium," published by the Academy of Sciences in Berlin, either have been quite omitted or have only been mentioned without the original citation; for practical reasons I have arranged the names alphabetically. Moreover I have called attention to a number of generic names being still in use also in the most modern literature, in spite of their being either written in a mode, which do not agree with the rules of nomenclature, or their being homonyms and therefore contrary to the said rules. For the homonyms, which are to be rejected, I then have given new names. In this case I have cited some important Monographs, Catalogues etc. of late times in order to prove, that the said names are still in use, not having been previously renamed, but of course, not being content with such proofs, I have moreover also in the other literature, which deals with the concerned groups, made researches in order to secure as quite trustworthy results as possible. In two or three groups also some specific names have been dealt with.

Protozoa.

Carnegia Pantocsek, Verh. d. Vereins f. Natur- und Heilkunde zu Poczony 31. p. 43 (1912) was described as being a Diatomaceae, later on researches have proved [cf. Archiv für Protistenkunde 57. p. 355—6 (1927)], that *Carnegia* Pant. probably is a Chrysomonadin; and in case these organisms are considered as animals the name *Carnegia* will have to be changed, there being a *Carnegia* Holland 1896 in Lepidopterology. I propose for the genus of Pantocsek the new name **Chrysocarnegia** Strand n. n. (Flagellata) **Chrysothrix** has priority in Mammalia (Family Cebidae): *Chrys.* Kaup, Das Thierreich in seinen Hauptformen I. p. 50 (1835); *Chrysothrix* Simon 1878 in Arachnids has become a synonym of *Micariolepis*

- Simon and the third *Chrysothrix*: *Chr.* Pascher, Ber. Deutsch. Botan. Ges. 32. p. 159 (1914) (in Flagellata) the author himself has renamed *Nematochrysis* Pascher, Archiv f. Protistenkunde 52. p. 511—514 (1925). . . . (Mammalia, Arachnida, Flagellata)
- Cyrtophora* Pascher, Ber. botan. Gesell. 29. p. 123 [1911], at any rate still 1918 in use in: Archiv für Protistenkunde 38. p. 15—16, has to be renamed being praeoccupied in Arachnida (*Cyrt.* Simon, Hist. nat. d. Araign. p. 262 (1864)). I propose *Cyrtophorana* Strand n. n. (Euflagellata)
- Echinopyxis* Pantocsek, Botanikai Közlemenyek 12. p. 136 (1913) [nec *Echinopyxis* Claparède et Lachmann 1858—59]. For the same reasons as those indicated under *Carnegia* the genus *Echinopyxis* Pant. must have a new name. I propose *Catarola* Strand n. n. (Flagellata)

Vermes.

- Amira* Clayton Lane, Indian Journ. Med. Research (Calcutta) 2. p. 655—669 (1914) (nec *Amira* Girault, Archiv für Naturgeschichte 79. A. 6. p. 90—107 [1913]) I rename *Amiroides* Strand n. n. (Suckered Roundworms)
- Chevreuxia* Seurat, Bull. Soc. d'hist. nat. de l'Afrique du Nord (Alger) 9. p. 106—9 (1918) is omitted in the "Nomenclator animalium." (Acuariidae)
- Codiostomum* Railliet et Henry, Bull. Soc. nat. acclimat. France 58. p. 538—541 and 573—582 (1911) is omitted in the "Nomenclator animalium." (Strongylidae)
- Contracecum* Railliet et Henry 1912, probably in: Bull. Soc. de pathol. exot. (Paris) 5. p. 251—259 (inaccessible to me!). Is omitted in "Nomencl. anim." (Ascariidae)
- Cyrnea* Seurat, Compt. rend. Soc. de Biol. (Paris) 76. p. 390—393 (1914) is mentioned in the "Nomencl. anim.," but without the original citation. This name is, however, praeoccupied: *Cyrnea* Deshayes, Descr. Animaux sans Vertèbres 1. p. 484 (1858). Nevertheless still in use, e. g. in: Cram, Bird Parasites of the Nematod Suborders . . . (Bull. 140, U. S. Nat. Mus. p. 166 (1927)). For *Cyrnea* Seurat I propose the new name *Seurocyrnea* Strand n. n. (Spiruridae)
- Dispharynx smitiana* Strand n. n. In: Nederl.-Ind. Blad v. Dierge-neesk. (Buitenzorg) 38. p. 95—97 (1926) Smit and Notosoe-di-ro describe under the name of "*Dispharagus* nov. spec.?" a species, which, as already Cram in: Bull. 140, U. S. Nat. Mus. p.

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391 (1927) has pointed out, will be a new species of the genus *Dispharynx*. This species may be named as indicated above.

(Acuariidae)

Dactylopodella Remane, Zeitschr. Morph. Oekol. Tiere 5. p. 625 sq. (1926), also in: Grimpe & Wagler, Die Tierwelt d. Nord u. Ostsee VII^d. p. 48 (1927) (nec *Dact.* G. O. Sars, Crust. Norway 5. fasc. 9/10. p. 131 (1905)) I rename *Dactylopodola* Strand n. n.

(Gastrotricha)

Gongylonema notosoedironis Strand n. n. In: Nederl.-Ind. Blad v. Diergeneesk. (Buitenzorg) 38. p. 2—94 (1926) Smit and Noto-soediro describe under the name of "*Gongylonema ingluvicola* Ransom?" a species, which as already Cram in: Bull. 140, U. S. Nat. Mus. p. 390 (1927) has pointed out, is not the said species of Ransom, but certainly a new species, for which I propose the new name above.

(Spiruridae)

Mollusca.

† *Acrochordiceras* Waagen, Pal. Ind., ser. XIII, vol. II. p. 89 (1895), still in use e. g. in: Krafft and Diener, l. c., ser. XV, vol. VI, No 1. p. 129 (1909), and in: Fossil. Cat. I, Anim., pars 8 (Diener, Cephalopoda triadica) p. 27 (1915) (nec † *Acroch.* Hyatt 1877) I rename † *Acrochordiceroides* Strand n. n.

(† Cephalopoda Ammonoidea)

† *Agoniatites* Meek, Rep. U. S. Geolog. Explor. forthieth Parall. 4. p. 99, nota (1877) has in the Fossil. Cat., pars 1 (Frech, Ammonoidea devonicae) p. 13 (1913) been suppressed in favour of the name *Aphyllites* Mojsisovičs in spite of this last name dating from the year 1882 (in: Abhandl. geol. Reichsanst. 10. p. 181 (1882)); the reason is said to be that *Agoniatites* is to considered as "sachlich irreführend"! Fortunately the Rules of the Zoological nomenclature do not allow changements of names for such reasons!

(† Clymeniidae, Ammonoidea)

† *Algerites* Pervinquièrè, Mém. Soc. géol. France, Paléontol. No. 42. p. 46 (1910) is omitted in the "Nomencl. anim."

(† Hoplitidae, Ammonoidea)

† *Amarassites* Welter in J. Wanner, Palaeontologie von Timor I. p. 49. (Stuttgart 1914) is omitted in the "Nomencl. animal."

(† Ammonoidea)

† *Anisarcestes* Kittl, Denkschriften Akad. Wiss. Wien 81. p. 507 (1908) is omitted in the "Nomenclat. anim."

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- † *Arctoceras* Hyatt in Zittel-Eastman, Textbook of Palaeontology I. p. 559 (1900), still in use e. g. in: Zittel, Grundzüge der Paläont. I. p. 529 (1915) and in: Fossil. Catal. I. pars 8 p. 52 (1915) [nec † *Arctoceras* Böhm, Zeits. deutsche geol. Ges. 51. p. 335 (1899)] I rename † *Arctocerodes* Strand n. n. († Ammonoidea)
- † *Aspidites* Waagen, Palaeont. Ind. (13) II. p. 215 (1895), still in use e. g. in: Fossil. Catal. 8 p. 59 (1915) [nec *Aspidites* Peters, Monatsber. Akademie Wiss. Berlin 1876. p. 914 (1877)] I rename † *Aspiditella* Strand n. n. († Ammonoidea)
- † *Atsabites* Haniel in Wanner, Palaeontologie von Timor, 3. Lief., p. 50 (1915) is mentioned in the "Nomenclat. anim.", but without the original citation. († Glyphioceratidae, Ammonoidea)
- † *Austeniceras* Spath, Trans. Roy. Soc. South Africa X, 2 pt. 3. p. 127 (1921) is mentioned in "Nomencl. anim.", but without the original citation and incorrectly spelt *Austiniceras*. († Desmoceratidae, Ammonoidea)
- "*Assemania* Leach" as the name of a genus of Gasteropods we still frequently find in the literature (e. g. in the paper by Ant. Wagner in: Annales Zoologici Musei Polon. Hist. Nat. VI. p. 299 (1927)), in spite of the fact, that the correct spelling and reference of this name should be: *Assiminia* Fleming, Hist. Brit. An. p. 273 (1828); in the same work, p. 275, we find the spelling *Assimineia* (typographical error?) and thus is the genus named e. g. in: Zittel, Grundzüge der Paläont. I. p. 447 (1915) with "Leach" as author, which is an error, while Leach had given the name only as a nomen i. l., the describing and publishing author being Fleming. The reference of *Assemania* is: G. Knight, Journ. of Conchol. 9. p. 276 (1900) and this name has nothing at all to do with Leach. (Gastropoda, Assiminiidae)
- † *Bigotites* Nicolesco, C. R. Soc. géolog. France 1918. p. 36 as a nom. nov. pro *Bigotella* Nicolesco non Cossmann is in the "Nomenclator anim." erroneously mentioned as "*Bigotes*" and without the original citation; both of the *Bigotella* are quite omitted.
- † *Borissiakoceras* Archangelsskij, Mém. Com. géolog. Petrograd (nouv. sér.), livr. 152, p. 55 (1916) is omitted in the "Nomencl. anim." († Engonoceratidae, Ammonoidea)
- † "*Brancoceras* Stieler" in the "Nomencl. animal.", without the original citation, is perhaps an error, for in the paper by Stieler in: Neues Jahrb. f. Mineral... 1922. Bd. 2. p. 19-44, which is here, I think, the paper in question, there has certainly been des-

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- cribed a *Brancoceras binodosum* n. sp, but this *Brancoceras* was, as far as I can find out (the original I cannot compare!) not treated as a n. g. († Prionotropidae, Ammonoidea)
- "*Bythinia* Leach 1818" is the common name of the genus, the type of which is *tentaculata* L., even by modern authors, e. g. Ant. Wagner 1927, D. Geyer, etc. But Leach wrote the name in question *Bithynia* and on the part of Leach the name remained, I think, a nom. in litt., at any rate this name was at the first time published in: C. Abel, Narrative of a Journey in the Interior of China... (London 1818) p. 362. Later on J. E. Gray in: The London medical Repository 15. p. 232 and 239 (1821) introduced the mode of writing *Bithynia* and then Macgillivray in: A History of the Molluscous and Cirripedal Animals of Scotland p. 123 (1843) wrote *Bythinia*. (Bithyniidae, Gastropoda)
- † *Cecilioides* Férussac, Mém. géol. Moll. p. 48 (1814) has frequently been written *Caecilioides*, a mode of writing which was introduced by Herrmannsen in: Indicis Gen. Malac. Primord. 1. p. 150 (1846). The original and thus nomenclatorically correct spelling is accordingly *Cecilioides*. († Ferussaciidae, Gastropoda)
- † *Centroceras* Wedekind; Neues Jahrb. f. Mineral., Beil.-Bd. 26. p. 586 (1908) is omitted in the "Nomenclat. anim." The name is, however, praeoccupied: † *Centroceras* Hyatt, Proc. Boston Nat. Hist. Soc. 22. p. 283 (1884), and may be renamed † *Centroceratos* Strand n. n. — Frech is of opinion (in: Fossil. Catal. 1. p. 29, note (1913)), that the "group" of Wedekind do not need a proper name, in reality he himself, however, uses a proper name for the group in question, calling it "Gruppe des *Cheiloceras curvispina* (= *Centroceras* Wedekind non Hyatt)." That the last group cannot plainly be united with the typical "*Cheiloceras*", thus has been admitted, but then it is surely preferable, among others for practical reasons, to have one name instead of 7—8 words as designation of the group, it being of no consequence whether we consider the group as a genus or as a subgenus. († Cheiloceratodidae, Ammonoidea)
- † *Cheiloceras* Frech has by Frech himself in the Fossil. Catal. 1. p. 28 (1913) been cited as being from the year 1897, he, however, gives, strangely enough, no precise citation neither pag. cit. nor in the list of literature (pag. 3—4), where not a single paper by Frech from the year 1897 has been mentioned. In reality the genus *Cheiloceras* Frech is from the year 1899 (in: Lethaea geog-

nostica II, fasc. 2. p. 125) and accordingly praeoccupied by: *Cheiloceras* Trouessart, Bull. Soc. ent. France 1898. p. 321 (1898). The genus of Frech I renamed † *Cheilocerotes* Strand in: Archiv für Naturgeschichte 1926. A. 8. p. 68 (1928) and the family then will have to be named † Cheilocerotididae.

(† Ammonoidea)

† *Clionites* Mojsisovics, Abhandl. geolog. Reichsanstalt 6^{II}. p. 451 (1893), still in use, e. g. in: Fossil. Catal. 8. p. 106 (1915) [nec † *Clionites* Mantell, Pict. Atl. foss. Remains p. 99 (1850)] I rename † *Clionitites* Strand n. n.

(† Ammonoidea)

Cribraria Jousseume, Bull. Soc. Zool. France 9. p. 94 (1884), still in use e. g. in Schilder's Revision of the Cypraeacea in: Archiv für Naturgeschichte 1925. A. 10. p. 113 (1927) [nec *Cribraria* Persoon in J. Römer, N. Mag. Bot. 1. p. 91 (1794) (in Mycetozoa)] I rename *Cribrarula* Strand n. n. (Cypraeacea, Gastropoda)

† *Crioceratites* Léveillé, Mém. Soc. géol. France 2, fasc. 2. p. 313, t. 22, f. 1—2 and t. 23. f. 1 (1837) is in the Fossil. Catal. pars 29 (by C. Diener) p. 191 (1925) incorrectly cited as *Crioceras*; this mode of writing was introduced by d'Orbigny in: Paléontol. Franç., sér. 1, Terr. cré., vol. 1. p. 457 (1842) and is to be considered as a distortion of the word *Crioceratites*, even if *Crioceras* d'Orb. is a *Crioceratites* sensu strictiore. At any rate, a "*Crioceras* Léveillé" do not exist, nevertheless this mode of writing has come in use, being introduced through the well-known work of d'Orbigny.

(† Hoplitidae, Ammonoidea)

Cyphoma Röding in Bolten, Museum Boltenianum, p. 21 (1798). In the "Nomenclat. animal." Bolten alone is mentioned as the author of this work, which was published in Hamburg 1798. from the preface, however, we can gather, that as the author of the new names in the work Röding in the first place is to be regarded.

(Cypraeacea, Gastropoda)

† *Cyrtochilus* Meek, Rep. U. S. geolog. Survey Terr. 9. p. 392 (1876), still in use, e. g. in Diener's Fossil. Catal. pars 29. p. 56 and 65 (1925) [nec *Cyrtochilus* Jakowlew, Bull. Soc. Moscou 49^{II}. p. 252 (1875)] I rename † *Cyrtochilella* Strand n. n.

(† Lytoceratidae, Ammonoidea)

† *Cyrtopleurites* Mojsisovics is in the "Nomenclator anim." said to be a nom. nud. That is true as far as the reference given l. c. is concerned, the description, however, is elsewhere to be found viz

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(† Ammonoidea)

Dactylopus Bonnevie, Zoolog. Anzeiger 53. p. 145 (1921) was already twice praecoccupied and was in Zoolog. Anzeiger 54. p. 304 (1922) renamed: *Nectophyllirhoë* Hoffmann; the name of the species, too, which miss Bonnevie had given, viz „*michaelsarsi*“ was faulty and had to be corrected by Hoffmann in *michaelsarsi*.

(Nudibranchia)

† *Dawsonites* J. Böhm, Svenska Vetenskapsakademiens Handl. (N. S.) 37. Nr. 3. p. 56 (1904), still in use e. g. in: Fossil. Catal. 8 (by C. Diener) p. 118 (1915) [nec † *Dawsonites* Scudder, Geolog. Survey Canada. — Contr. Can. Pal. 2. p. 18 (1895)] I rename

† *Daxatina* Strand n. n. († Ammonoidea)

† „*Parodiceras* Wedekind (non Hyatt)“ has a genus in Fossilium Catal.

1. p. 33 (1913) been called in spite of the author's (Fré ch) pointing out (p. 4) that the *Parodiceras* of Hyatt prior is to that of Wedekind! A most elementary knowledge of the rules of the zoological nomenclature should suffice to show that the name *Parodiceras* Wedekind is quite invalid! I rename his genus † *Parodicerellum* Strand n. n. († Cheiloceratodidae, Ammonoidea)

Crustacea.

Aetidius Brady, Rép. Voy. Challenger 8^I (nr. 23) p. 75 (1883) is the original and accordingly correct spelling of this name, the form *Aetideus*, which Giesbrecht in: Tierreich, 6. Lief p. 31 (1898) introduced, should not be used. (Copepoda)

„*Anaplosoma* G. O. Sars“ in Pesia's paper on Copepoda non parasitica in: Grimpe & Wagler, Die Tierwelt der Nord- und Ostsee X^c p. 41 (1927) is a lapsus calami pro *Anoplosoma* G. O. Sars, An Account of the Crustacea of Norway, 5. p. 421—449 (1911); in the Nomenclator animal. this original citation is missing. But the name of Sars cannot stand, being praecoccupied by *Anoplosoma* L. Agassiz, Nomencl. zool. Index p. 25 (1846); I accordingly propose a new name: *Anoplosomella* Strand n. n. (Copepoda)

Anelasma Darwin. In the part X^d of Grimpe & Wagler, Die Tierwelt der Nord- und Ostsee (1927) the author, Paul Krüger, mentions this genus as „*Anelasma* (Lovén) Darwin.“ That is incorrect; Lovén described the single species (*squalicola* Lov.) as an *Alephas* and for this species Darwin later on (1851) created the new genus *Anelasma*. (Cirripedia)

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- Aspidiscus* Norman, Rep. Brit. Assoc. 38. p. 298 (1868), still in use, e. g. in: Grimpe & Wagler, Die Tierwelt der Ost- und Nordsee X^c p. 41 (1927), being praecoccupied by † *Aspidiscus* Koenig, Icones Fossilium sectiles p. 1 (1825), I rename **Aspidiscifera** Strand n. n. (Copepoda)
- Bryaxis* G. O. Sars, Crust. Norway 4. p. 35 (1903), still in use e. g. in: Grimpe & Wagler, Die Tierwelt der Nord- und Ostsee X. c. (Copepoda non parasita p. 34 (1927)) [nec *Bryaxis* Kugelann, N. Mag. Liebh. Ent. 1. p. 580 (1794)] I rename **Bryaxona** Strand n. n. (Copepoda)
- Cyclopina* Claus, Würzburger naturwis. Zeitschr. 3. p. 85. (1862), still in use, e. g. in: Grimpe & Wagler, Die Tierwelt der Nord- und Ostsee X^c p. 38 (1927) [nec *Cyclopina* Agassiz, Nomencl. zool., Index p. 110 (1846)] I rename **Cyclopinula** Strand n. n. (Copepoda)
- Dactylopus* Claus has been renamed *Dactylopusia* Norman, accordingly it is an error, when Pesta in: Grimpe & Wagler, Die Tierwelt der Nord- und Ostsee X^c p. 42, speaks of two valid and coordinate genera *Dactylopus* and *Dactylopusia*; his two species of *Dactylopus* are then of course *Dactylopusia* (cf. his footnote, l. c.) (Copepoda)

Arachnida.

In this group I have to enumerate many genera which in the "Nomenclat. animal." have either been quite omitted or only mentioned without reference to the original description; in order to avoid unnecessary repetitions I have marked the omitted genera with two asterisks (**), those without the original citation with one asterisk (*), in these two cases I then here give only the names and the original citations without further remarks. — Many other genera of Arachnids, which in the Nomencl. animal. have not been dealt with or in an unsatisfactory manner, I have treated in my paper: "Miscellanea nomenclatorica zoologica et palaeontologica I—II" in: Archiv für Naturgeschichte 1926. A. 8. p. 42—45 and p. 72 (1928).

Abbotia Mc Cook, American Spiders 3. p. 239 (1894) [nec *Abbotia* Leach, Trans. Plymouth Inst. 1. p. 155 (1830)] I name **Abbotiana** Strand n. n. — The genus of Mc Cook has usually been considered a synonym of *Mangora* Cambridge, Biol. Centr. Americ. I. p. 14 (1889), but I think Mc Cook was quite right in separating *Abbotia gibberosa* (Hentz), the type of *Abbotia*, from *Mangora picta* Cambr., the type of *Mangora*, generically.

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Were these two genera to be merged into one, a new name for *Abbotia* Mc Cook would of course be superfluous.

- (Argyopidae, Araneinae)
- Acantharachne* Tullgren in Sjöstedt, Kilimandjaro-Meru Expedition 16. p. 171 (1910), still in use e. g. in Petrunkevitch, Systema Araneorum (1928) [nec *Acantharachne* Lütken, Zoological Record 14, Echinoderm. p. 2 (1879)] I rename **Acantharanea** Strand n. n. (Argyopidae, Araneinae)
- Achaea* O. P. Cambridge, Proc. Zool. Soc. London 1882. p. 428, still in use e. g. in Petrunkevitch, Systema Araneorum (1928) [nec *Achaea* Hübner, Verzeichnis Schmettlinge [NB. nicht „Schmetterlinge“!] p. 269 (1816 [—26]) I rename **Achaeareanea** Strand n. n. (Theridiidae)
- ** **Acracanthostoma** Mello Leitao, Arch. Esc. Sup. Agr. e Med. Vet. 1. p. 117 (1917) (Thomisidae)
- * **Adelphodrassus** Rainbow, Rec. South Australian Mus. I. p. 235 (1920). (Drassodidae)
- Aenigma** Karsch, Zeitschr. Ges. Naturwiss. 51. p. 825 (1878), still in use, e. g. in Petrunkevitch, Systema Araneorum (1928) [nec *Aenigma* Newman, Entom. Mag. 3. p. 499 (1836)] I rename **Aenigmaaranea** Strand n. n. (Pisauridae)
- ** **Aepicephalus** Ausserer, Verh. Zool. botan. Ges. Wien 1871. p. 150. (Ctenizidae)
- ** **Aepignatha** Thorell, Ann. Mus. civ. Genova 17. p. 201 (1897). (Clubionidae)
- Agelopsis** Giebel, Zeitschr. Ges. Naturw. 33. p. 250 (1869) is the correct mode of writing and citation of this name, which E. Simon in: Hist. nat. des Araign., ed. 2, vol. 2 p. 258 (1898) has misspelled *Agelenopsis*; in "Systema Araneorum" (1928) of Prof. Petrunkevitch *Agelopsis* and *Agelenopsis* are (p. 209) mentioned as two different genera, a statement which accordingly is a mistake. (Agelenidae)
- * **Agyneta** Hull, Trans. Nat. Hist. Soc. Newcastle 3 p. 583 (1911). (Argyopidae, Linyphiinae)
- * **Aigola** Chamberlin, Journ. New York Entom. Soc. 29. p. 36 (1922). (Argyopidae, Gonatiinae)
- ** **Alioranus** Simon, Arachn. de France 6. p. 493 (1926). (Argyopidae, Erigoninae)
- * **Allothele** Tucker, Ann. South African Mus. 17. p. 441 (1920). (Araneae, Dipluridae)

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- Althepus* Thorell, Ann. Mus. Genova 39. p. 279 (1898), still in use e. g. in Petrunkevitch, Systema Araneorum (1928) [nec *Althepus* Rafinisque, Anal. Nat. p. 136 (1815)] I rename **Althepoda** Strand n. n. (Leptonetidae)
- * **Amblyothele** Simon, Denkschrift. medicin. Gesellsch. Jena 16 p. 206 (1910). (Lycosidae)
- * **Amphigyrum** Tullgren in Sjöstedt, Kilimandjaro-Meru-Exped. 20. p. 93 (1910). (Amaurobiidae)
- * **Amusia** Tullgren in Sjöstedt, Kilimandjaro-Meru-Exped. Aran. p. 111 (1910). (Drassodidae)
- ** **Anachemmis** Chamberlin, Journ. Entom. Zool. Pomona College 12. p. 12 (1919). (Clubionidae)
- ** **Anacotyle** Simon, Arachnides de France 6. p. 490 (1926). (Argyopidae, Erigoninae)
- * **Anagrina** Berland, Voyage Ch. Alluaud Afrique Orient., Arachn. IV, p. 100 (1920). (Drassodidae)
- ** **Anatea** Berland, Bull. Soc. ent. France 1927. p. 53. (Clubionidae)
- Anaurus**, Ann. Soc. entom. Belgique 44. p. 382 (1900), still in use e. g. in Petrunkevitch, Systema Araneorum (1928) [nec *Anaurus* Rafinisque, Anal. Nat. p. 155 (1815)] I rename **Petrunkevitchium** Strand n. n. (Salticidae)
- * **Anawixia** Chamberlin, Bull. Comp. Zool. Harvard 60. p. 257 (1916). (Argyopidae, Araneinae)
- * **Anchylochyros** Mello Leitao, Ann. Mag. Nat. Hist. (9) 6. p. 141 (1920). (Theraphosidae)
- ** **Aneplesa** Tucker, Ann. South African Mus. 19. p. 279 (1923). (Drassodidae)
- Anepsia** L. Koch, Arachn. Austral. Vol. I. p. 45 (1871) is mentioned in the Nomenclat. anim. erroneously as having C. L. Koch as its author. The name is, however, praecoccupied: *Anepsia* Gistel, Naturgesch. Thierr. p. XI (1848) and may be renamed: **Anepsion** Strand n. n. (Argyopidae, Araneinae)
- ** **Anepsiada** Rainbow, Records Australian Museum 12. p. 167 (1918). (Dipluridae)
- ** **Anibontes** Chamberlin, Proc. U. S. Nat. Mus. 63. p. 6 (1924). (Argyopidae, Linyphiinae)
- ** **Anicius** Chamberlin, Proc. California Acad. Sci. (4) 14. p. 131 (1925). (Salticidae)
- * **Anitsia** Chamberlin, Journ. New York Entom. Soc. 29. p. 38 (1922). (Argyopidae, Gonatiinae)

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- * *Anomalaria* Dahl, Beitr. Naturdenk. Berlin 3. p. 611 (1912).
(Argyopidae, Erigoninae)
- Anoteropsis* L. Koch, Arachn. Austr. III. p. 971 (1878) has by Simon in: Hist. nat. d. Araign., ed. 2. vol. II. p. 314 (1898) been misspelt *Anoteropsis* and following authors have committed the same error. (Pisauridae)
- * *Anyphaenoides* Berland, Mission arc mérid. Amérique Sud, X. p. 109 (1913). (Clubionidae)
- * *Anzacia* de Dalmas, Bull. Museum Hist. Nat. Paris 1919. p. 249. (Drassodidae)
- ** *Aphytoschaema* Simon, Bull. Soc. entom. France 1902. p. 242. (Amaurobiidae)
- ** *Apneumonella* Fage, C. R. Acad. Sci. Paris, 172. p. 621 (1921). (Araneae, Telemidae)
- ** *Apodrassodes* Vellard, Arch. Inst. Vital Brazil 2. p. 165 (1924). (Drassodidae)
- * *Apodrassus* Chamberlin, Bull. Mus. Comp. Zool. Harvard 60. p. 221 (1916). (Drassodidae)
- Apsectromerus* Simon, Bull. Soc. Zool. de France X (1885) p. 16, is the correct spelling, as being the original spelling of the genus, which Bertkau 1886 and even Petrunkevitch 1928 mention as *Aspectromerus*. (Thomisidae)
- Apyre* Simon, Hist. nat. d. Araign., ed. 2, vol. I. p. 975 (1895), still in use e. g. in: Petrunkevitch, Systema Araneorum (1928) [nec *Apyre* Walkeri, List Lepid. Brit. Mus. 2. p. 490 (1854)] I rename *Apyretina* Strand n. n. (Thomisidae)
- ** *Arachnomura* Mello Leitao, Arch. Esc. Sup. Agric. e Med. Vet. I. p. 136 (1917). (Salticidae)
- Arachnoura* Vinson, Aran. Madagascar p. 287 (1863) is the original and accordingly the valid mode of spelling of the name of this genus, which Thorell (1869) and following authors have spelt *Arachnura*. (Argyopidae, Araneinae)
- Arctilaria* Chamberlin, Journ. New York Ent. Soc. 29. p. 39 (1922) in the Nomencl. animal. incorrectly spelt *Arctilaira* and without the original citation. (Argyopidae, Erigoninae)
- Arctosa* C. L. Koch, Die Arachniden 14. p. 94 (1848) has in the "Nomencl. animal." erroneously been designated as a fossil genus. (Lycosidae)
- * *Argyroelos* Hogg, Proc. Zool. Soc. London 1922. p. 288. (Theridiidae)

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ie, Linyphiinae)
4. p. 131 (1925).
(Salticidae)
29. p. 38 (1922).
lae, Gonatiinae)

- Arkys** Walckenaer, Hist. Ins. Aptères. I. p. 497 (1837) is the original and accordingly the valid mode of writing of the name of the genus, which in Agassiz' Nomenclator Zool. and by following authors has been spelt *Arcys*.
(Argyopidae, Araneinae)
- * **Armadalia** Rainbow, Rec. Australian Museum 12. p. 129 (1918).
(Ctenizidae)
- Ascuris** Simon, Hist. nat. d. Araign., éd. 2, vol. II. p. 9 (1897), still in use e. g. in: Petrunkevitch, Systema Araneorum (1928) [nec *Ascuris* Haeckel, Kalkschwämme 2. p. 52 (1872)] I rename **Ascurisoma** Strand n. n.
(Thomisidae)
- * **Asthenargus** Simon et Fage, Arch. Zool. experim. 60. p. 543 (1922).
(Argyopidae, Linyphiinae)
- Astia** Keyserling in L. Koch, Arachn. Austral. 1^{II} p. 1152 (1879), still in use e. g. in: Petrunkevitch, Systema Araneorum (1928) (where L. Koch is said to be the author) [nec *Astia* Agassiz, Nomencl. zool., Index p. 37 (1846)] I rename **Astituta** Strand n. n.
(Salticidae)
- Atkinsonia** O. Cambridge, Proc. Zool. Soc. London 1879. p. 691 (1880), still in use e. g. in: Petrunkevitch, Systema Araneorum (1928) [nec *Atk.* Stainton, Trans. Ent. Soc. Lond. (N. S.) 5. p. 125 (1859)] I rename **Atkinia** Strand n. n. (Theridiidae)
- ** **Attacobius** Mello Leitao, Bol. Mus. Nat. Rio de Janeiro, No. 6. p. 455 (1925).
(Clubionidae)
- * **Augustaea** Szombathy, Ann. Mus. Nat. Hungar. 13. p. 468 (1922).
(Salticidae)
- ** **Aulacocyba** Simon, Arachnides de France 6. p. 518 (1926).
(Argyopidae, Erigoninae)
- Auletta** O. P. Cambridge, Ann. Mag. Nat. Hist. (5) 9, p. 258 (1882), still in use e. g. in: Petrunkevitch, Systema Araneorum (1928) [nec *Auletta* Osc. Schmidt, Spong. Atlant. p. 45 (1870)] I rename **Aulettobia** Strand n. n.
(Argyopidae, Erigoninae)
- * **Australoonops** Hewitt, Records Albany Museum 3. p. 92 (1915).
(Oonopidae)
- Avakubia** Lessert, Revue Suisse Zool. 34, No. 17. p. 440 (1927), still in use e. g. in: Petrunkevitch, Systema Araneorum (1928) [nec *Avakubia* Pilsbry, Bull. American Mus. 40. p. 234 (1919)] I rename **Pellolessertia** Strand n. n.
(Salticidae)
- * **Aymarella** Chamberlin, Bull. Mus. Comp. Zool. Harvard 60. p. 208 (1916).
(Amaurobiidae)

* **Bancroftia****Berlandia** (mention citation)**Berlandia** (has, w Dalmas then h the ne**Bizone** Simon in: P Walker nella* **Blaniargus*** **Blanioono*** **Boethopon****Boethus** T use e **Boethus** I rena* **Bothryogon** Syster Hist. has to p. 59** **Brachyon**** **Brevilabu**** **Brucharac** 233 (**Caedmon** (1904 name Conn

- * **Bancroftiana** Rainbow, Rec. Australian Museum. XII. 7. p. 127. (Ctenizidae)
- Berlandia** de Dalmas, Ann. Soc. Entom. France 89. p. 266 (1921) is mentioned in the Nomencl. animal., but without the original citation. (Drassodidae)
- Berlandia** de Lessert, Revue Suisse de Zool. 28. p. 381 (1921) has, we see, been described in the same year as *Berlandia* de Dalmas, but is, I think, younger than the last genus and will then have to be renamed, I propose for *Berlandia* de Lessert the new name **Lessertiola** Strand n. n. (Sparassidae)
- Bizone** Simon, Hist. nat. d. Araign. II. p. 1051 (1903), still in use e. g. in: Petrunkevitch, Systema Araneorum (1928) [nec *Bizone* Walker, List Lep. Brit. Mus. 2. p. 548 (1854)] I rename **Bizonella** Strand n. n. (Salticidae)
- * **Blaniargus** Simon, Archiv Zool. Expér. 52. p. 305 (1913). (Argyopidae, Erigoninae)
- * **Blanioonops** Simon et Fage, Arch. Zool. expér. 60. p. 531 (1922). (Oonopidae)
- * **Boethoportia** Hogg, Proc. Zool. Soc. London 1915. p. 501. (Salticidae)
- Boethus** Thorell, Studi Ragni Mal. e Pap. II. p. 220 (1878), still in use e. g. in: Petrunkevitch, Systema Araneorum (1928) [nec *Boethus* Förster, Verhandl. Ver. Rheinlande 25. p. 210 (1868)] I rename **Boethuola** Strand n. n. (Salticidae)
- * „*Bothryogaster* Doleschall 1857” we find p. 213 in Petrunkevitch, Systema Araneorum, a citation, which he has from: Simon, Hist. nat. d. Araign. I. p. 1045, note. In reality, the reference has to be: **Botryogaster** Doleschall, Acta Soc. Indo-Neêrl. 5. p. 59 (1859). (Thomisidae)
- ** **Brachyonopus** Pocock, Proc. Zool. Soc. 1897. p. 741. (Araneae, Barychelidae)
- ** **Brevilabus** Strand, Archiv für Naturgeschichte 74. I. 1. p. 54 (1908). (Lycosidae)
- ** **Brucharachne** Mello Leitao, Revista Soc. Argent. Cien. Nat. 8. p. 233 (1925). (Oonopidae)
- Caedmon** O. P. Cambridge, Ann. South African Mus. 3. p. 143 (1904) is the correct mode of writing and citation of this name, which in: Petrunkevitch, Systema Araneorum (in: Trans. Connect. Acad. Sci. 29. p. 69 (1928)) has been spelt *Cadmon*

- and connected with the year 1903; the Zoological Record, Vol. 41, Arachn. p. 21, has likewise incorrectly *Cadmon*. (Migidae)
- * *Calculus* Purcell, Quart. Journ. Microsc. Sci. 54. p. 527 (1910).
(Oonopidae)
- ** *Calheirosia* Mello Leitao, Broteria, Ser. Zool. 15. p. 80 (1917).
(Leptonetidae)
- * *Calopelma* Chamberlin, Bull. Mus. Comp. Zool. Harvard 61. p. 43 (1917).
(Theraphosidae)
- * *Camillina* Berland, Bull. Mus. Hist. nat. Paris 1919. p. 458.
(Drassodidae)
- Castianeira* Keyserling, Verh. Zool.-bot. Gesellsch. Wien 29. p. 334 (1880) is the original and accordingly nomenclatorical correct mode of writing of the name, which Keyserling himself later on (1887, l. c. 37. p. 442) wrote *Castaneira*; this spelling have the following authors, too, used. (Clubionidae)
- * *Cataxia* Rainbow, Rec. Australian Mus. X. 8. p. 222 (1914).
(Ctenizidae)
- ** *Ceropelma* Mello Leitao, Revista Mus. Paulista 13. p. 175 (1923).
(Theraphosidae)
- Ceto* Simon, Arachnides de France, I. p. 238 (1874), still in use e. g. in: Petrunkevitch, Systema Araneorum (1928) [nec *Ceto* Gistel, Naturgesch. Thierreichs p. 174 (1848)] I rename *Cetonana* Strand n. n. (Clubionidae)
- * *Cetratus* Kulczynski, Nova Guinea, Zool. V. p. 508 (1910).
(Thomisidae)
- Chaetorhombus* Ausserer, Verhandl. Zool.-bot. Gesellsch. Wien 21. p. 196 (1871) is the original and accordingly nomenclatorical correct mode of writing of this name, which Simon (1889), Petrunkevitch (1928), etc., write with two "r." (Theraphosidae)
- Cheiracanthium* C. L. Koch, Die Arachniden 6. p. 9 (1839), has from the time of L. Agassiz usually been written *Chiracanthium*; which, however, is not the original and nomenclatorically correct form of the name. (Clubionidae)
- ** *Chinestela* Chamberlin, Proc. U. S. Nat. Mus. 63. p. 20 (1924).
(Argyopidae, Araneinae)
- Chorizoopes* O. P. Cambridge, Proc. Zool. Soc. London 1870. p. 737 (1871) has by Thorell in: Descr. Catal. Spiders of Burma p. 147 (1895) been changed in *Chorizopes*, which accordingly is not the nomenclatorically correct form of the name.
Chrysothrix Simon, cfr. p. 1. (Theridiidae)

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- ** *Citharoceps* Chamberlin, Proc. California Acad. (4) XII. p. 607 (1924). (Dysderidae)
- Cladonotus* Thorell, Ann. Mus. civ. Genova 9. p. 305 (1877) [nec *Cl.* Saussure, Ann. Soc. entom. France (4) 1. p. 478 (1861)] I rename *Cladonotula* Strand n. n. — *Cladonotus* Thorell has been (even by Petrunkevitch in "Systema Araneorum" (1928)) considered a synonym of *Phrynarachne* Thorell 1870, but that is quite out of the question. (Thomisidae)
- Clytaetra* Simon, Ann. Soc. entom. France 1888, p. 226 has by Simon himself later on (1894) been written *Clytaetra*, which then not is the valid form of the name. (Argyopidae, Nephilinae)
- Collinsia* O. P. Cambridge, Proc. Dorset Nat. Hist. Field Club 34. p. 135 (1913) is in the Nomenclat. annm. without the original citation. Petrunkevitch (1928, l. c. p. 130) lists the name as *Collinsia*, in the index, however, we read *Collinsia*. The original paper I cannot compare, but I think, that *Collinsia* will be the correct spelling. (Argyopidae, Erigoninae)
- ** *Colobocyba* Simon, Arachn. de France 6. p. 502 (1926). (Argyopidae, Erigoninae)
- ** *Coreidon* Mello Leitao, Arch. Esc. Sup. Agr. e Med. Vet. I. p. 14 (1917). (Agelenidae)
- ** *Cotyora* Simon, Arachn. de France VI. p. 342 (1926). (Argyopidae, Lophocareninae)
- * *Cryptoerithus* Rainbow, Trans. R. Soc. South Australia 39. p. 777 (1915). (Prodidomidae)
- Ctenium* Menge, Schriften naturf. Ges. Danzig (N. S.) 2. Nr. 4. p. 292 (1871) has been, even by Petrunkevitch 1928, considered a synonym of *Robertus* O. Cambridge, Spiders of Dorset p. 103 (1879). As *Ctenium* is not a praecoccupied name, there are, I think, no reasons, founded on the laws of nomenclature, for suppressing the name of Menge. (Theridiidae)
- ** *Ctenochelus* Mello Leitao, Revista Mus. Paulista 13. p. 61 (1923). (Ctenizidae)
- Cyclothorax* Mello Leitao, Revista Museu Paulista 13. p. 341 (1923), still in use e. g. in Petrunkevitch, Systema Araneorum (1928) [nec *Cyclothorax* Frauenfeld, Verhandl. Zoolog.-botan. Gesellsch. Wien 18. p. 863 (1868)] I rename *Cyclothoracoides* Strand n. n. (Theraphosidae)
- Cydrellichus* Pocock, Ann. Mag. Nat. Hist. (7) 6. p. 325 (1900) has Simon in: Hist. nat. d. Araign. éd. 2, vol. II. p. 987

- (1903) misspelt *Cydrellcus* and this mode of writing we find unfortunately also with following authors. (Zodariidae)
- Decetia* O. Cambridge, Biol. Centrali-Amer., Zool. Aran. 1. p. 234 (1898) [nec *Decetia* F. Walker, List Lep. Brit. Mus. 20. p. 232 (1860)] I rename *Decetica* Strand n. n. — *Decetia* Cambr. has been supposed to be a synonym of *Physocyclus* Simon, Hist. nat. d. Araign. I. p. 470 (1893), but I am of opinion that the type of *Decetia*, *Dec. incisa* O. Cambr., differs sufficiently from the type of *Physocyclus*, *Phys. globosus* (Taczan.), in order to justify a generic distinction. (Pholcidae)
- ** *Defectrix* Petrunkevitch, Trans. Conn. Acad. Arts Sci. 27. p. 136 (1925). (Sparassidae)
- ** *Deinognatha* White in Dieffenbach, Travels in New Zealand p. 271 (1843). (Argyropidae, Tetragnathinae)
- Dema* Karsch, Zeitschr. gesammt. Naturwiss. 3. p. 801 (1878) [nec *Dema* Gistel, Naturgesch. d. Thierreichs p. XI (Note) (1848)] has to be renamed *Demadiana* Strand n. n., if, as I suppose, the type of *Dema* Karsch, *D. simplex* Karsch, is generically distinct from *Cyrtarachne* Thorell, K. Sv. Fregat. Eugenie Resa, Zool. p. 10 (1868), type *Cyrt. Grubei* (Keys.). (Argyropidae, Araneinae)
- Leptostylus* Fischel, Zoolog. Anzeiger 74. p. 65 (1927), still in use e. g. in: Petrunkevitch, Systema Araneorum (1928) [nec *Leptostylus* Le Conte, Journ. Philadelphia Acad. Nat. Sci. I. (1852)] I rename *Leptofischelia* Strand n. n. (Theraphosidae)
- Pseudamycus* Szombathy, Ann. Mus. Nation. Hungar. 13. p. 474 (1922) [nec *Pseudamycus* Simon, Ann. Soc. Entom. Belg. 1885, C. R. p. 35] I rename *Ida-Strandia* Strand n. n. in memory of my late wife and fellow-worker in Zoology. (Salticidae)

Orthoptera.

- Antithefon* Hebard, Trans. Amer. Entom. Soc. 45. p. 303—306 (1919), in the Nomenclat. anim. without the original citation. (Blattellites)
- Asemoblatta* Hebard, Trans. Amer. Entom. Soc. 47. p. 107—169 (1921) [nec † *Asemoblatta* Handlirsch, Proc. U. S. Nat. Mus. 29. p. 725 (1906)] I rename *Asemoblattana* Strand n. n. In the Nomencl. animal. is *Asemoblatta* Hebard mentioned, but without the original citation.

- * *Carrikerella* Hebard, Trans. Amer. Ent. Soc. 47. p. 107—169 (1921). (Orthoptera)

Fossil "Orthoptera," etc.

[** = omitted in the Nomencl. animal. * = without original citation in the Nom. an.]

- †** *Actinoblatta* Pruvost, Ann. Soc. Géol. Nord, 41. p. 331 (1912). († Blattariae)
- † *Adeloblatta* Handlirsch has in Fossilium Catal., pars 16, p. 115, been mentioned with the citation "Sb. Ak. Wien 129. p. 436 (1920)", i. e. as a "group," as a genus, however, *Adeloblatta* was introduced in: Proc. U. S. Nat. Mus. 29. p. 720 (1906) and in: Foss. Ins., fasc. 2. p. 186 (1906). The paper in the Proc. U. S. Nat. Mus. appeared, I think, at an earlier date than the Foss. Ins.; in the Nomenclat. animal., however, the Foss. Ins. are mentioned as the original citation to this name. († Blattariae)
- †* *Ametretus* Handlirsch, Amer. Journ. Sci. 31. p. 303 (1911). († Palaeodictyoptera)
- †* *Amousus* Handlirsch, Amer. Journ. Sci. 31. p. 301 (1911). († Palaeodictyoptera)
- †** *Anacoloblatta* Handlirsch, Sitz. ber. Akad. Wiss. Wien 129. p. 439 (1920). († Blattariae)
- † *Anadyomene* K. v. Fritsch, Abhandl. Preuss. Geol. Landesanst. (N. F.) 10. p. 45 (1899) (1900?), still in use e. g. in: Fossilium Catal., p. 16 (by Handlirsch) p. 101 (1922) [nec *Anadyomene* Gistel, Naturgesch. Thierr. p. 180 (1848)] I rename († Protoblattoidea)
- † *Anadyomenella* Strand n. n. († Protoblattoidea)
- †* *Anegertus* Handlirsch, Amer. Journ. Sci. 31. p. 353 (1911). († Protoblattoidea)
- †* *Anepitedius* Handlirsch, Amer. Journ. Sci. 31. p. 318 (1911). († Protorthoptera)
- †* *Anhomalophlebia* Handlirsch, Denkschr. Akad. Wiss. Wien 96. p. 37 (1919). († Protorthoptera)
- †* *Anthracoptilus* Lameere, Bull. Mus. Paris 23. p. 180 (1917). († Protoblattoidea)
- †* *Apithanus* Handlirsch, Amer. Journ. Sci. 31. p. 320 (1911). († Protorthoptera)
- †** *Archaeoptilites* Handlirsch, Denkschr. Akad. Wiss. Wien Math.-naturw. Kl. 96. p. 24 (1919). († Palaeodictyoptera)

- †** *Archaeotiphe* Pruvost, Mém. pour. serv. à l'explic. de la Carte Géol. de la France, Introd. à l'étude du terr. houiller du Nord, p. 169 (1919). († Blattariae)
- † *Archimulacris* Scudder in Dawson, Acadian Geol. (ed. 2) p. 388 (1868) is the original and accordingly nomenclatorically correct mode of writing of this name, which Scudder himself later on *Archimylacris* wrote. This last form of the name has unfortunately also Handlirsch in Fossilium Catal. 16. p. 112 (1922) used, probably while he maintains the absurd point of view than an author should be entitled to change arbitrarily the systematical names which he himself has given. († Blattariae)
- †** *Asaphoneura* Pruvost, Ann. Soc. Géol. Nord, 43. p. 285 (1914). († Protodonata)
- †* *Athymodictya* Handlirsch, Amer. Journ. Sci. 31. p. 298 (1911). († Palaeodictyoptera)
- †** *Barroisiblatia* Pruvost, Mém. pour serv. à l'explic. de la Carte Géol. de la France, Introd. à l'étude du terr. houiller au Nord, p. 173 (1919). († Blattariae)
- †* *Belmontia* Tillyard, Proc. Linn. Soc. New South Wales 44. p. 234 (1919). († Panorptae)
- † *Boltonia* Handlirsch, Sitz. ber. Akad. Wiss. Wien 129. p. 439 (1920), still in use e. g. in Fossilium Catal. 16. p. 122 (and p. 32 is another *Boltonia*, likewise as a valid genus!) (1922) [nec † *Boltonia* [C. D. Koenig], Icon. Foss. sect. p. 1 (1820)] I rename † *Sulcoboltonia* Strand n. n. († Blattariae)
- † *Boltonia* Pruvost, Ann. Soc. Géol. Nord 43. p. 284 (1914), still in use e. g. in Fossil. Catalogus 16 (by A. Handlirsch) p. 32 (1922) [nec † *Boltonia* [C. D. Koenig], Icon. Foss. sect. p. 1 (1820)] I rename † *Boltopruvostia* Strand n. n. († Palaeodictyoptera)
- †* *Boltoniella* Handlirsch, Denkschr. Akad. Wiss. Wien Math.-Naturw. Kl. 96. p. 21 (1919). († Palaeodictyoptera)
- †* *Boltonites* Handlirsch, Denkschr. Akad. Wiss. Wien 96. p. 61 (1919). († Protodonata)
- †** *Boltonoblatta* Handlirsch, Fossil. Catal. I. pars 16. p. 113 (1922). († Blattariae)
- †* *Bouleites* Laméere, Bull. Mus. Paris 23. p. 175 (1917). († Insecta (Protoblattoidea?))

†** *Cacurgella*
Géol.
p. 122

†** *Cacurgus*

†** *Chrestote*
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†** *Climacon*

†** *Cobalobla*

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†** *Cymenoptera*
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genus *Trigo*

- †** *Cacurgellus* Pruvost, Mém. pour servir à l'explic. de la Carte Géol. de la France, Introd. à l'étude du terr. houiller du Nord, p. 125 (1919). († Insecta, Protorthoptera vel Protoblattoidea)
- †* *Cacurgus* Handlirsch, Amer. Journ. Sci. 31. p. 324 (1911). († Insecta, Protorthoptera vel Protoblattoidea)
- †** *Chrestotella* Handlirsch, Denkschr. Akad. Wiss. Wien, Math.-Naturw. Kl. 96. p. 41 (1919). († Protorthoptera)
- †** *Climaconeura* Pruvost, Ann. Soc. géol. Nord, 41. p. 327 (1912). († Mixotermiteoidea)
- †** *Cobaloblatta* Cockerell, Proc. U. S. Nat. Mus. 54 p. 303 (1918). († Blattariae)
- †* *Cockerelliella* Meunier, Ann. Paléontol. IV. p. 132 (1909) († Palaeodictyoptera)
- †* *Commentrya* Lameere, Bull. Mus. Paris 23. p. 176 (1917). († Insecta (Protolocustidae?))
- †** *Commentryites* Handlirsch, Fossil. Catal. pars 16. p. 58 (1922). († Palaeodictyoptera)
- † *Compsoblatta* Handlirsch, Foss. Ins. p. 369 (1906), still in use e. g. in: Fossil. Catal. 16. p. 147 (1922) [nec *Compsoblatta* Saussure, Soc. Ent. 6. p. 9 (1891)] I rename **Compsoblattula** Strand n. n. († Blattariae)
- †** *Corydaliodes* Handlirsch, Denkschr. Akad. Wissensch. Wien, Math.-Naturw. Kl. 96. p. 69 (1919). († Megasecoptera, Corydaloididae)
- †* *Cryptovenia* Bolton, Qu. Journ. Geol. Soc. 68. p. 315 (1912). († Palaeodictyoptera)
- †** *Cymenophlebia* Pruvost, Mém. pour servir à l'explic. de la Carte Géol. de la France, Introd. à l'étude du terr. houiller du Nord, p. 128 (1919). († Protoblattoidea)

Rhynchota.

Names for some Formosan Aphididae.

In part 4 of his "Aphididae of Formosa" (in: Report no 16. Departm. Agricult., Governm. Research Institute, Formosa (1925)) Dr. R. Takahashi has in several cases given descriptions but no names to Formosan Aphididae, which are to be considered as new to science. For the same reasons as I explained in part II of my "Miscellanea nomenclatorica zoologica et palaeontologica" (in: Archiv für Naturgeschichte 1926. A. 8. p. 69 (1928)), where I dealt with Species of the genus *Trigonia*, I also in this case find it necessary to name the spe-

cies, which are so extensively characterized that they are to be recognized. Accordingly I name:

Macrosiphum sp. (p. 10, l. c.): *M. tricholobica* Strand n. n.

Macrosiphum sp. (p. 11, l. c.): *M. lactucicola* Strand n. n.

Myzus sp. (p. 13, l. c.): *M. Takahashii* Strand n. n.

Myzus sp. (p. 14, l. c.): *M. siegesbeckicola* Strand n. n.

Capitophorus sp. (p. 21, l. c.): *Cap. Takahashii* Strand n. n.

Amphorophora sp. (p. 27, l. c.): *A. stellariae* Strand n. n.

Astegopterus sp. (p. 51, l. c.): *Ast. Takahashii* Strand n. n.

Tetraneura sp. (p. 54, l. c.): *T. radicolica* Strand n. n.

Aleurodaphis v. d. Goot, Contrib. Fauna Indes Neerland. 1, 3, p. 240 (1918) is in the "Nomencl. anim." mentioned without the original citation. (Aphididae)

Brevicoryne v. d. Goot, Beiträge zur Kenntnis der Holländischen Blattläuse p. 246—248 (1915) is the correct reference of this genus; by Mr. Das the name *Brevicoryne* was 1915 only a nom. i. litt. Later on (1918) Das treated the *Brevicoryne brassicae* L. in the Mem. Indian Mus. 6. p. 187 (1918). In Zoolog. Record 55 and in Nomencl. anim. the genus is erroneously credited to Das. (Aphididae)

Diptera.

Acanthophila Duda, Archiv für Naturgeschichte 1925. A. 11. p. 108, 122, 124 (1927), also l. c. 1924. A. 3. p. 209, is praecoccupied: *Ac. Heinemann*, Schmett. Deutschlands II. vol. 2. p. 320 (1870), but Duda has l. c. p. 122 cautiously enough behind *Acanthophila* added the name "*Spinulophila*," thus, I think, creating a name which can be used instead of *Acanthophila*. Ergo: *Spinulophila* Duda 1927. (Drosophilidae)

Aëdinus Lutz, Imp. Med. 1905. p. 103. In the Nomencl. anim. without the original reference. (Culicidae)

Asyncritus Kertész, Ann. Mus. nat. hungar. 12. p. 449—557 (1914) is in the "Nomenclat. anim.," but without the original citation. The name is however, praecoccupied: † *Asyncritus* Handl., Amer. Journ. Sci. 31. p. 355 (1911) (likewise in the "Nom. anim." without the original citation) and may be renamed: *Asyncritula* Strand n. n. (Stratiomyidae)

Brephometra Strand, Entomologische Rundschau 27. p. 115 (1910) is mentioned in the "Nomenclat. anim.," but without the original citation. The name is a nom. nov. pro *Pero* Meinert [non Herrich-Schäffer]. (Cecidomyiidae)

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- Calatila* Strand in Duda, Archiv für Naturgeschichte 1925. A. 11. p. 87 and 89, proposed instead of the praecoccupied name *Macroptera* Duda, l. c. (Drosophilidae)
- Carrollella* Lutz, A Folha Medica II. p. 161 (1921) is not mentioned in the Nomencl. anim. (Culicidae)
- Chagasia*. As reference of this genus we find in: Dyar, The Mosquitos of the Americas, p. 426 (1928) the following: *Chagasia* Cruz, Brazil Med. 20. p. 199 (1906), but p. 431 we read: "*Chagasia* Lutz" (without any reference). Again in the Nomencl. animal. we find: *Chagasia* Theobald, Monogr. Culic. 4. p. 199 (1907). The last citation is at all event correct, but if Cruz or Theobald is the original author of this genus, I cannot trace, as the cited paper by Cruz is not to be compared. (Culicidae)

Coleoptera.

- Abascantodes* Strand, Entom. Nachrichtenblatt II, 1. Heft, p. 2 (march 1928) has been given as a new name for *Abascantus* Schaufuss 1886 [nec Stål 1864], not for *Abascantis* as l. c. per err. typogr. has been stated. (Pselaphidae)
- Alcinoe* Ménétrés, Mém. Ac. Sci. St.-Petersbourg (6) 6. p. 230 (1848), still in use e. g. in: Winkler, Cat. Col. reg. pal. p. 933 (1928) [nec *Alcinoe* Rang, Mém. Soc. Hist. Nat. Paris 4. p. 168 (1828)] I rename *Alcinoëta* Strand n. n. (Tenebrionidae)
- Anabolodes* Strand, Entom. Nachrichtenblatt II, 1. Heft, p. 2 (march 1928) has been given as a new name l. c.; it should l. c. run: "*Anabolina* Banks 1903" (not "*Anabolodes* Banks 1903") and "*Anabolodes* Strand n. n." (not "*Anabolina* Strand n. n."), the typographer having distorted the whole sentence (a second proof I did not receive!). The meaning of my proposal l. c. cannot, however, be dubious. (Eucnemidae)
- Anthobates* Le Conte in L. Agassiz, Lake superior 4. p. 231 (1850), still in use e. g. in: Winkler, Cat. Col. reg. palaearticae p. 887 (1928) [nec *Anthobates* Gistel, Naturgesch. Thierreichs p. XI nota and 135 (1848)] I rename *Anthobatula* Strand n. n. (Mordellidae)
- Apolites* Jacquelin du Val, Gen. Coléoptères d'Europe 3. p. 324 (1861), still in use in: Winkler, Cat. Col. reg. pal. p. 954 (1928), being praecoccupied by *Apolites* Schönherr, Sv. Vetenskaps-Akad. Handl. 1835. p. 81 (1836), I rename *Ida-Strandiella*

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 (Cecidomyidae)

- Strand n. n., in memory of my late wife and fellow-worker in Zoology. (Tenebrionidae)
- Apteromalthinus** de la Escalera, Bol. Soc. Espan. Hist. nat. 13. p. 322—3 (1913) is mentioned in the Nomencl. anim. but without the original citation. (Cantharidae)
- Aspicephalus** Motschulsky, Bull. Soc. Nat. Moscou 12. p. 63 (1839) is the original and correct mode of writing of the genus which in the Catalogues from Gemminger & Harold (1870) till Winkler (1928) has been written *Aspidocephalus* (n. praeocc. by Diesing 1851). (Tenebrionidae)
- Boletoxenus** Motschulsky, Etudes entomol. 7. p. 64 (1858) is the correct, while original, mode of writing of the name which the coleopterological Catalogues from Gemminger & Harold (1870) till Winkler (1928) have spelt *Bolitoxenus*. (Tenebrionidae)
- Brachycryptus** Quedenfeldt, Entom. Nachr. 17. p. 129 (1891), still in use, e. g. in: Winkler, Cat. Col. reg. pal. p. 913 (1928) [nec *Br.* C. G. Thomson, Opusc. Entom. 5. p. 471, 487 (1873)] I rename **Tripolicryptus** Strand n. n. (Alleculidae)
- Cabirus** Mulsant & Rey in: E. Mulsant, Opuscul. entomol. 4. p. 223 (1853), still in use e. g. in: Winkler, Cat. Col. reg. pal. p. 983 (1928) [nec *Cabirus* Hübner, Verzeichn. Schmett. p. 102 (1816 [-26]), I rename **Cabirutus** Strand n. n. (Tenebrionidae)
- Callicomus** Motschulsky in Schrenck, Reiß. im Amur-Lände 2. fasc. 2. p. 138 (1800), still in use, e. g. in: Winkler, Cat. Col. reg. pal. p. 996 (1928) [nec *Call.* Agassiz, Nomencl. Zool., Index p. 58 and 60 (1846)] I rename **Obenbergeria** Strand n. n., in honour of the well known Entomologist, Docent at the University of Prag, Dr. Jan Obenberger. (Tenebrionidae)
- Callimellum** Strand, Entom. Nachrichtenblatt, II, 1. Heft, p. 2 (march 1928) given as nom. nov. pro *Callimus* Mulsant 1846 [nec *Callimus* Fischer de Waldheim 1833]; i. c. the name *Callimus* has per err. typogr. been misspelt *Calimus*. (Cerambycidae)
- Carida** Mulsant in Mulsant & Rey, Hist. Col. France [7] Barbip. p. 44 and 61 (1856), still in use e. g. in Winkler's Cat. Col. Reg. palaeart. p. 894 (1928) [nec *Carida* Rafinisque, Précis découv. somiol. p. 24 (1817)] I rename **Caridua** Strand n. n. (Serropalpidae)
- Cataplestus** Perty, in use e. g. in: Winkler, Cat. Col. reg. pal. p. 1006 (1928), is not mentioned in the Nomenclat. animal. (Tenebrionidae)

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Cheirosis Deyrolle, Ann. Soc. Ent. France (4) 7. p. 220 (1867).
 This genus has in the Catalogues by Gemminger & Harold, Reitter, Winkler etc. been spelt *Chirosis*, but this is, we see, not the original and accordingly not the nomenclatorically correct spelling of the name. (Tenebrionidae)

Colpophorinus de la Escalera, in use e. g. in: Winkler, Cat. Col. reg. pal. p. 990 (1928), is not in the Nomenclat. animal. (Tenebrionidae)

Daniela Netolitzky, Wiener Entom. Zeit. 29. p. 210 (1910), still in use, e. g. in: Winkler, Catal. Coleopterorum region. palaearticae p. 88 (1924), being praecoccupied in: Mitteil. Zool. Stat. Neapel. 9, fasc. 4. p. 669 (1891) by *Daniela* G. Koch, I rename the genus of Netolitzky **Bembidionetolitzkya** Strand n.-n. (Carabidae)

Lepidoptera.

Chalia Moore, Ann. Mag. Nat. Hist. (4) 20. p. 345 (1877), still in use e. g. by W. Schaus in: Proc. Ent. Soc. Washington 29. p. 185 (Novbr. 1927) [nec *Chalia* F. Walker, Ins. Saundersiana [vol. 4] p. 31 (1868)] has to be named **Oiketicoides** Heylaerts, Ann. Soc. Ent. Belg. 25. p. 66 (1881). (Psychidae)

Hymenoptera.

Alienus Bridwell, Proc. Hawaiian Entomol. Soc. 4. p. 109—165 (1919) is mentioned in the "Nomenclat. animal." but without the original citation. The name is, however, praecoccupied: † *Alienus* Handlirsch, Fossil. Ins. p. 392 (1906) and may be renamed **Obenbergerella** Strand n. n., in honour of Docent at the University of Prag, Dr. Jan Obenberger. (Hymenoptera, Obenbergerellidae)

Antennotilla Bischoff, Archiv f. Naturgesch. 86. A. 1—5. p. 710 (1920).

Apterotilla Bischoff, l. c. p. 93

Areotilla Bischoff, l. c. p. 174.

Aureotilla Bischoff, l. c. p. 314.

Bisulcotilla Bischoff, l. c. p. 679.

Cephalotilla Bischoff, l. c. p. 509.

Ceratotilla Bischoff, l. c. p. 530.

Chryсотilla Bischoff, l. c. p. 312.

Ctenotilla Bischoff, l. c. p. 535.

The 9 last genera are not mentioned at all in the "Nomencl. anim." (Mutillidae)

Brachycolus Konow, Termés. Füzetek 28. p. 166 (1895), still in use e. g. in: Enslin, Die Tenthredinoidea Mitteleuropas p. 374 (1915) [nec *Brachycolus* Buckton, Monogr. British Aphids 2. p. 145 (1879)] I rename **Brachycoluma** Strand n. n.

(Tenthredinidae)

Pisces.

Acerina Gùldenstàdt, Novi Commentarii Ac. Sci. Imp. Petropol. 19. p. 455 (1774) is the correct reference; the author is not Cuvier. Cfr. *Coris!* (Perciformes)

Alburnus Rafinisque, Ichthyol. Ohiens. p. 46 (1820) is the correct reference; the author of the genus of the Bleak is not Heckell! (Cyprinidae)

Anguilla Schrank, Fauna Boica 1^{II} p. 304 u. 307 (1798) is the correct reference to the genus of the Eel; the author is not Cuvier! (cfr. Grimpe & Wagler, l. c. XII f. p. 58 (1927)).

(Apodes)

Argentina. The author is Linné in Systema naturae, not Artedi (cfr. Grimpe & Wagler, l. c. XII f. p. 46 (1927)).

(Salmonidae)

Brama. As the author of *Brama*, the genus of Rays Bream (*Brama Rayi*) is in the literature often "Schneider," to be found, e. g. in: Grimpe & Wagler, Die Tierwelt der Nord- und Ostsee XII^h p. 137 (1927). But *Brama* Schneider is in reality a homonym (*Brama* Schneider in Bloch-Schneider, System. Ichthyol. p. 98 (1810)), being praeoccupied by *Brama* Walbaum in Artedi, Bibl. ichthyol., ed. 2, vol. 3. p. 586 (1792). As the nomenclatorial author of *Brama* we have thus Walbaum. (Scombriformes)

Caranx Lacépède, Hist. Poissons 3. p. 57 and 61 (1802); the author of the genus is not Cuvier (cfr. remarks under *Coris!*)

(Carangiformes)

Carassius Nilsson 1832 is not valid, being praeoccupied by: *Carassius* Jarocki, Zoologia 4 p. 71 and index p. [XV] (1822). If the two genera are identical the genus of the Crucian Carp then would be called **Carassius** Jarocki, if not the said genus (*Car.* Nilss.) will get, I think; the name **Cyprinopsis** Fitzinger, Beitr. Landeskunde Oesterreich 1. Nr. 8. p. 334 (1832). The work of Jarocki being inaccessible to me, I cannot solve this question. (Cyprinidae)

Choerodon Bleeker. The Nomenclator animal. calls this name a "Nom. nud." and gives the following reference: *Choerodon* P. Bleeker, Nat. & geneesk. Arch. Neêrl.-Ind. vol. 2, fasc. 3. p. 513 (1845). But in the same Magazine, vol. 4. p. 10 (1847) Bleeker describes the genus and gives as the type *Labrus macrodontus* Lacép. Accordingly Bleeker has not left the name of this genus in the state of a nomen nudum!

(Labridae)

Conger Schaeffer, Epist. Stud. Ichthyol. p. 20 (1760) is the correct reference to the genus of the Conger, the author of which is thus not Kaup! (cfr. Grimpe & Wagler, l. c. XII f. p. 58 (1928)).

(Apodes)

Coregonus. The author is Lacépède (in: Hist. Poissons 5. p. 239 (1803)), not Artedi (cfr. Grimpe & Wagler, l. c. XII f. p. 41 (1927)).

(Salmonidae)

Coris Lacépède, Hist. Poissons 3. p. 96 (1802) is the correct reference of this genus, the author of which accordingly is not Günther (cfr. Grimpe & Wagler, Die Tierwelt der Nord- und Ostsee XII^b p. 85 (1927)).

(Labriformes)

† **Crenilepis** Dames, Palaeont. Abhandl. 4. Nr. 2. p. 171 (1898), still in use e. g. in: Zittel, Grundzüge der Palaeont. II. p. 105 (1918) and p. 108 (1923) and in: Fossil. Catalogus 33 (Pisces triadici von W. Deecke) p. 165 (1926) [nec † *Crenilepis* Reis, Sitz.-Ber. Akad. Wiss. München 1887, fasc. 1. p. 40, t. 5, f. 3 (1887)] I rename † **Crenilepoides** Strand n. n.

(† Sphaerodontidae)

Ctenilabrus Oken, Isis 1817. p. 1782 [= 1182a] is the correct reference of this genus. Cfr. *Coris*!

(Labriformes)

Cyprinus. The author is Linné in Systema naturae, not Nilsson! But still in such a new work as Grimpe & Wagler, l. c. there appears a "*Cyprinus* Nilsson."

(Ostariophysi)

Aves.

† **Anisolornis** Ameghino 1891 has in Fossilium Catalogus, pars 12 (Aves by K. Lambrecht) been written *Anissolornis*, a mode of writing which also originates from Ameghino (in: Segundo Censo nac. Argentina 1. p. 229 (1898)), but which not is the original and accordingly not the nomenclatorically valid form of the name.

(Gallidae)

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 si, if not the said ge-
 e name **Cyprinopsis**
 ch 1. Nr. 8. p. 334
 inaccessible to me, I
 (Cyprinidae)

- † *Apterodytes* Ameghino, An. Soc. Argent. 51. p. 81 (1901) [nec *Apterodytes* J. Hermann, Tab. Affin. An. p. 235 (1783)] Ameghino himself has renamed: † *Palaeopterodytes* Ameghino, An. Mus. Nac. Buenos Aires (3) 6. p. 120 (1906).
(Impennes)
- † *Botaurites* Ammon, Abhandl. d. naturwiss. Vereins Regensburg 12. p. 32 (1918) is mentioned in the Nomencl. anim., but without the original citation.
(Ardeidae)
- † *Botauroides* Shufeldt, Trans. Connecticut Acad. Sci. 15 p. 33 (1915). Likewise in the Nomencl. anim. without the original citation.
(Ardeidae)
- † *Cela* is mentioned in Fossilium Catal., pars 12 (Aves by K Lambrecht) with the following citation: Reichenbach, Nat. Syst. d. Vögel p. XXX (1852). The name *Cela* had, however, already twice earlier been used: *Cela* Moehring, Geslachten der Vogelen p. 4 and 43 (1758) and *Cela* Oken, Lehrb. Naturg. 3^{II}. p. 646 (1816). The fossil genus *Cela* will probably have to be called † *Meionornis* Haast, Ibis 1874. p. 212.
(† Dinornithidae)
- † *Cnemiornis* Owen, Proc. Zool. Soc. London 1865. p. 438 (1865) is the correct original citation to this name; what Lambrecht in Fossilium Cat., pars 12, gives, is not correct.
(† Cereopsidae, Chenomorphae)
- † *Creccoides* Shufeldt, Proc. Amer. Philos. Soc. 30. p. 125 (1892) has been cited in the Fossil. Catal., pars 12, as *Crecooides*. This mode of writing originates from Cope in: Proc. Acad. Philadelphia 1892, p. 226, is, however, not the original and accordingly not the nomenclatorically correct form of the name.
(Rallidae)
- † *Cyphornis* Cope, Journ. Acad. Nat. Sci. Philadelphia (2) IX. p. 449 (1894) is omitted in the Nomenclat. animal. (Pelecanidae)

Mammalia.

[cfr. also "Protozoa" p. 1.]

In the rare book: Handbuch der Naturgeschichte aller drei Reiche von Dr. Joh. Gistel und Tr. Bromme (Thierreich von Dr. Gistel, Pflanzen- und Steinreich von Tr. Bromme). Stuttgart 1850. 8^o, we find a number of Mammalian names, given by Gistel, which are omitted in the Catalogus Mammalium by Trouessart and on the whole forgotten, in a Catalogue like Trouessart's, however, they

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remarks:

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should have been mentioned at any rate. In order to call attention to them I enumerate them here, alphabetically arranged, and with some remarks:

Cercopithecus scabaeus (p. 242) is probably only an err. typogr. pro *Cercop. sabaeus* L.

Halicore cetacea (p. 273); *cetacea* is obviously a new name for *Halicore dugung*, even if that is not expressly stated.

Halipaedisca Gistel (p. 273), new name pro *Manatus* ("americanus").

Equus ezbroides (p. 269) is a synonym of *Hippotigris Burchelli* Gray and the name "ezbroides" is probably a lapsus calami pro *zebroides* Lesson.

Lemur indri (p. 244); the species has Gistel also called "Indri," but without further indications. Perhaps means this name *Indris brevicaudatus* Geoffr. 1796.

Monodon Narval Gistel (p. 274), new name for *Monodon monoceros* L., the narwhale.

Moschus tragulus (p. 267) is a synonym of *Moschus moschiferus* L.: moreover introduced Gistel l. c. the new name *Oaontodorcus* Gistel for the genus of this species, likewise a synonym. Why he has given these two names, he has forgotten to tell us.

Odontodorcus Gistel, vide *Moschus*!

Phalangista nana Gistel (p. 245) is a new name of the *Cuscus* (*Phalanger orientalis* Pall.) and at all events likewise a synonym, as much more as the indication of the localities is very inaccurate: „Auf den australischen und molukkischen Inseln“. — A further synonym of this species, likewise not mentioned in the Catalogue of Trouessart, is *Didelphys moluccensis* Oken, Allgemeine Naturgeschichte VII² p. 905 (1838).

Rhinochoerus Anta Gistel (p. 271), certainly = *Tapirus americanus* Briss. *Rhinochoerus* is a name given by Wagner 1830, *Anta* as the name of the species has been created by Gistel, but probably he has found it in Oken, Allgemeine Naturgeschichte VII² p. 1141 (1830), where it is stated, that the Portuguese in Brazil call the great Tapir "Anta."

Rhinophoca elephantina (p. 272), certainly = *Macrorhinus leoninus* L. To the name *Rhinophoca* is the "Nobis" of Gistel not attached, but nevertheless he is certainly the author of it.

Trachelotherium Gistel (p. 266); he himself states: = *Camelopardialis*! The species: *Trachelotherium Giraffa*. No reasons for making the new name are mentioned.