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Heude's Molluscan Types

or

Asian land and fresh water mollusks, mostly from the People's Republic of China, described by P. M. Heude

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P. M. Heude (1836 - 1902)

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HEUDE'S MOLLUSCAN TYPES

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ASIAN LAND AND FRESH WATER MOLLUSKS, MOSTLY FROM THE PEOPLE'S REPUBLIC OF CHINA, DESCRIBED BY P. M. HEUDE

By Richard I. Johnson

All of the molluscan taxa introduced by Heude are included in this paper, as well as the location of those of his type specimens which are known to be in Western museums.

Pierre Marie Heude (1836-1902) was a French Jesuit who in 1868 founded le Musée de Zikawei (named after a suburb of Shanghai). In 1931 the museum was renamed le Musée Heude and transferred to a large new building on the grounds of l'Université l'Aurore at 211 Avenue Duboil, Shanghai. Heude was the first director of the museum, and from 1868-1880 made 13 expeditions in the Far East to collect zoological specimens (Courtois, 1906, pp. 4-5, 2nd map). Between the years 1882-1902 Heude described almost 600 species of land and fresh water mollusks.

Heude sent a number of his types to his contemporaries in Germany. These types were eventually deposited in the Senckenberg Museum, Frankfurt am Main. The gastropods were studied by

Yen (1939) and the bivalves by Zilch (1967). Although Heude published descriptions of new species in the Journal de Conchyliologie, he did not deposit types in its collection nor in the Muséum national d'Histoire naturelle, Paris. He sent types to the French collector, Arthur Morelet, but Morelet's collection was sold and dispersed. A number of these Heude types were purchased by the United States National Museum; some by E. W. Roper of Boston, whose collection went to the Boston Society of Natural History and eventually to the Museum of Comparative Zoology; and several by the British Museum (Natural) History).

In 1938 O. Piel, then director, published a 70th anniversary history of the Musée Heude. During the same year he sold to the United States National Museum 460 lots of mollusks, mostly types of species described by Heude.

In 1945 R. Tucker Abbott was in Shanghai with the U. S. Navy. Through A. M. Bourgeois, then director of the museum, Abbott was able to purchase examples of most of Heude's types represented by more than the figured specimen. For $100.00 Abbott obtained specimens of 443 species for the Museum of Comparative Zoology. Father Bourgeois entrusted the selection of these specimens to Abbott who noted that many of Heude's

species were based on a single specimen, and that Heude had marked the figured specimens with a cross in ink or pencil. The collection was not catalogued.

Nothing further is known of the Musée Heude, but it is assumed that its collections were preserved by the government of the People's Republic of China, and that most of Heude's figured types are extant. These are regarded here as the holotypes under Article 73 (b) of the International Code of Zoological Nomenclature (1964). Thus the types mentioned in this paper are considered as paratypes. In addition, there are included a few specimens identified by Heude, but not from the type localities. These are called idiotypes, a category not recognized by the "Code" but which is a convenient way of labeling what might be useful quasi-authentic material.

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This is the most complete biography of Heude available.

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Special thanks are extended to Dr. R. Tucker Abbott of the Delaware Museum of Natural History who encouraged the present author to undertake this project some 20 years ago. Dr. Abbott made available the notes he had made at the Musée Heude and at the National Museum of Natural History concerning Heude's molluscan types. Thanks are also due to Drs. Kenneth J. Boss, Museum of Comparative Zoology; George M. Davis, Academy of Natural Sciences of Philadelphia; and Joseph Rosewater, National Museum of Natural History, for help and suggestions. The cost of publication was partially defrayed by the W. J. Clench Fund, Harvard University.

1874. Diagnoses molluscorum in fluminibus provinciae Nankingensis collectorum. Jour. de Conch. 22 (1): 112-118.

1875-1880. Conchyliologie fluviatile de la province de Nanking. Paris. Librairie F. Savy. 1875, pt. 1, pls. 1-8. Conchyliologie fluviatile de la province de Nanking et de la Chine central, 1877, pt. 2, pls. 9-16; 1877, pt. 3, pls. 17-24; 1878, pt. 4, pls. 25-32; 1879, pt. 5, pls. 33-40; 1880, pt. 6, pls. 41-48; 1880, pt. 10, pls. 1-7 (colored); 1881, pt. 7, pls. 49-56; 1883, pt. 8, pls. 57-64; 1885, pt. 9, pls. 55, 55bis, 56-72.

The text consists of unnumbered letter press. 4to. Parts 5, 6, 7, 10 are dated. The dates for the other parts are based on Simpson, C. T. 1900, Synopsis of the Naiades, or Pearly fresh-water mussels. Proc. U. S. Natl. Mus. 22: 501-1044, and confirmed by the Zoological Record.

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drawings and explanations by C. Rathouis].

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1883. Note sur un Limacien Nouveau de Chine. Jour. de Conch. 31 (4): 394-395.

1884. Rectifications de nomenclature. Jour. de Conch. 32 (1): 18-20.

1885. Rectifications de nomenclature. (2nd. art.) Jour. de Conch. 33 (1): 42-43.

1866 - 1889. Diagnoses molluscorum novorum in Sinis collection Jour. de Conch. 1886, 34 (3): 208-215; 1886, Ibid. 34 (4): 296-302; 1888, Ibid. 36 (3): 235-243; 1888, Ibid. 36 (4): 305-309; 1889, Ibid. 37 (1): 40-50.

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1901. Observations sur la faune Conchyliologique de l'Annam. Jour. de Conch. 49 (1): 35-36.

MOLLUSCAN TAXA INTRODUCED BY P. M. HEUDE WITH THEIR ORIGINAL REFERENCES AND TYPE LOCALITIES.

For convenience of references the following list is arranged alphabetically by species. The type localities are given in the original French or Latin translations. It has been possible to find most of the localities in several older atlases in English. The localities are listed following the list of species and include the original French, the English translation, the Province in English and finally the longitude and latitude. The latter are important since many political divisions have been changed since Heude wrote.

All of the type lots known to exist in western museums are included here.

The following abbreviations have been used:

BMNH -- British Museum (Natural History), London.

CFN -- Conchyliologie fluviatile de la province de Nanking et de la Chine centrale.

MCZ -- Museum of Comparative Zoology, Cambridge, Massachusetts.

MHNC -- Memoires concernant l'histoire naturelle de l'empire Chinois.

NMS -- Natur-Museums Senckenberg, Frankfurt am Main.

USNM -- National Museum of Natural History, Washington, D. C.

abbreviata, Diplommatina: 1890, MHNC 1 (4): 131, pl. 36, figs. 21, 21a (Tchen-k'eou); paratypes USNM 472301 and MCZ 167234.

abestinus, Funiculus: 1888, Jour. de Conch. 36: 242 (Ta-li fou, Yun-nan): 1890, MHNC 1 (4): 147, pl. 35, fig. 14.

abortivus, Unio: 1883, CFN, pt. 8, pl. 63, fig. 124 (certains torrents ou ruisseaux du Ts'ing-yang hien); paratypes USNM 472360 and MCZ 167255.

acanthula, Clausilia: 1885, MHNC 1 (3): 122, pl. 31, fig. 9 (Tchen-k'eou); paratypes USNM 472261 and MCZ 167093.

accrescens, Helix: 1882, MHNC 1 (2): 31, pl. 15, fig. 2 (Ou-tchang districtum quod vocant Galli caput; sur le rocher appelé Ki-t'eou ou Tête de coq, au dessous de Ou-tchang hien); paratype MCZ 167225 Ki-t'eou.

adunca, Corbicula: 1880, CFN, pt. 10, pl. 1, fig. 3 (La rivière de Kien-p'ing-hien); paratype USNM 472474 and MCZ 167279; idiotype USNM 472495, Ning-kouo-fou.

aeruginosa, Paludina: 1890, MHNC 1 (4): 175, pl. 40, figs. 5, 5a (Vallée du Yang-tzé).

affinis, Unio: 1875, CFN, pt. 1, pl. 3, figs. 7, 7a (La rivière de Fou-tcheou, Kiang-si); paratypes USNM 126462, Morelet coll'n. and MCZ 167116. Non U. affinis Lea 1852,

changed to polystictus Heude, 1877, CFN, pt. 2, letter press for pl. 12, fig. 25.

agricolarum, Anodon: 1879, CFN, pt. 5, pl. 39, fig. 75 (Les fosses au bord du lac Tch'ao); paratype USNM 126532, Morelet coll'n.

aligerus, Unio languillati, var.: 1877, CFN, pt. 3, pl. 17, fig. 37 (Propre à la rivière Hoai, Nanking).

alveolus, Helix: 1890, MHNC 1 (4): 146, pl. 37, fig. 23 (Tchen-k'eou); holotype, only, in Musée Heude, teste Abbott.

amedeanus, Buliminus: 1890, MHNC 1 (4): 150, pl. 38, fig. 22 (Chen-si boreali).

anomia, Helix: 1890, MHNC 1 (4): 145, pl. 37, fig. 26 (Tchen-k'eou).

antilopina, Clausilia: 1885, MHNC 1 (3): 121, pl. 31, fig. 13 (Tchen-k'eou); paratypes USNM 472245 and MCZ 167101.

antisecalinus, Buliminus: 1890, MHNC 1 (4): 150, pl. 38, fig. 21 (Koué-tcheou, frontière du Kouang-si).

apicellatus, Unio: 1883, CFN, pt. 8, pl. 63, fig. 125 (Les torrents du Tché-tcheou fou, Ngan-houé).

aplostoma, Clausilia: 1885, MHNC 1 (3): 122, pl. 31, fig. 10 (Tchen-k'eou); paratypes MCZ 167099.

approximans, Cyclotus: 1882, MHNC 1 (2): 4, pl. 12, fig. 11 (Hinc inde ad saxa calcaria et umbrosa in ditione Ning-kouo-fou); paratypes USNM 472327 and MCZ 167159.

aprivora, Clausilia: 1886, Jour. de Conch. 34: 298 (In spelunca montium Pa-tong). 1890, MHNC 1 (4): 155, pl. 34, fig. 10.

aquilina, Corbicula: 1880, CFN, pt. 10, pl. 2, fig. 12 (Les canaux le long du Fleuve Bleu, entre Tchen-kiang et Nanking); paratypes USNM 472473 Nanking and MCZ 167284.

araneaetela, Helix: 1885, MHNC 1 (3): 114, pl. 29, fig. 14 (Tchen-k'eou).

arcaeformis, Anodon: 1877, CFN, pt. 3, pl. 19, fig. 40 (canaux du Song-kiang-fou, Nanking); paratype USNM 126490 Morelet coll'n.

ardouiniana, Clausilia: 1885, MHNC 1 (3): 118, pl. 31, fig. 1 (Ad rupes sinus Tonquini [North Vietnam]); paratypes USNM 472255 and MCZ 167092 both Baie d'Aloiy, Tanhin.

ardouinianum, Leptopoma (?): 1885, MHNC 1 (3): 95, pl. 25, figs. 8, 8a (Ad rupes Tonquinenses in portu dicto A-long [North Vietnam]).

aristarchorum, Melania: 1888, Jour. de Conch. 36: 305 (in amne districtûs Ning-kouo, Ngan-houé et in rivulo pagi dicti Tchang-tchou, districtus Yi-hing, Kiang-sou; in

rivulo yunnauensi dicto Ta-kouan ho, qui in Yang-tzé influit); 1890, MHNC 1 (4): 165, pl. 41, fig. 26; paratypes USNM 471913 and MCZ 167010 both Ta-kouan-ho, Yun-nan.

armatus, Mycetopus: 1885, CFN, pt. 9, pl. 70, fig. 133 [arcuatus on pl.] (La rivière de T'ai-p'ing fou à sa sortie du lac).

artifina, Clausilia: 1885, MHNC 1 (3): 120, pl. 31, fig. 7 (Tchen-k'eou [3 specimens]); 1890, MHNC 1 (4): 156, pl. 34, figs. 12, 19; Heude, 1899, Jour. de Conch. 37: 44, gives C. purpurascens Möllendorff priority. Both species were described the same year; paratypes MCZ 167100 [Pa-tong; Tchen-k'eou]; specimen USNM 472224, labeled, "varie de forme et sur tout à la bouche".

arundinetorum, Helix; 1882, MHNC 1 (2): 30, pl. 14, fig. 7 (In arundinetis ad ripas fluminis Yang-tzé); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 131, pl. 13, fig. 41, NMS 8858; also paratypes USNM 472114 and MCZ 167118.

arundinetorum, Succinea: 1882, MHNC 1 (2): 80, pl. 18, fig. 27 (Inter phragmites ad ripam uliginosam fluminis Yang-tzé); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 73, pl. 6, fig. 24, NMS 10592.

astronomica, Corbicula: 1880, CFN, pt. 10, pl. 2, fig. 7 (Canaux de Chang-hai, vers la limite extrême de l'influence de la marée); idiotypes USNM 472475 and MCZ 167260 both Ts'ing-p'ou.

atoma, Pupa: 1882, MHNC 1 (2): 77, pl. 18, fig. 19 (Sub foliis deciduis bambusetorum [Zikawei] circa Chang-hai); paratype USNM 472220.

aubryana, Helix: 1882, MHNC 1 (2): 33, pl. 20, fig. 19a (Provinciae Koué-tcheou partem occidentalem); paratype MCZ 167196.

aubryana, Melania: 1888, Jour. de Conch. 36: 308 (ad civitatem provinciae Koué-tcheou nomine Tchen-fou); 1890, MHNC 1 (4): 166, pl. 41, figs. 27, 28, 28a; paratype MCZ 167337.

aubryana, Paludina: 1890, MHNC 1 (4): 175, pl. 39, fig. 11 (Koué-tcheou).

aubryana, Stenogyra: 1885, MHNC 1 (3): 117, pl. 30, fig. 18 (Koué-tcheou); paratype USNM 472212.

aubryanum, Myxostoma (?): 1885, MHNC 1 (3): 93, pl. 25, fig. 3 (Koué-tcheou); paratype MCZ 167188.

aubryanus, Buliminus: 1885, MHNC 1 (3): 115, pl. 30, fig. 7 (Koué-tcheou).

aubryi, Anodon: 1881, CFN, pt. 7, pl. 52, fig. 97 (Koue-tchéou); paratype USNM 472422.

aurea, Corbicula: 1880, CFN, pt. 10, pl. 7, fig. 41 (La rivière Siang, Hou-nan); paratypes MCZ 167305; paratype MCZ 174844 presented to A. Morelet by Heude from E. W. Roper coll'n ex Boston Soc. Nat. Hist.

aureum, Myxostoma: 1885, MHNC 1 (3): 94, pl. 25, figs. 7, 7a (no locality given, probably Tchen-k'eou [one specimen]).

aureus, Buliminus: 1890, MHNC 1 (4): 148, pl. 35, fig. 21 (Ta-li fou).

aureus, Psudodon: 1885, CFN, pt. 9, pl. 72, fig. 140 [Pseudodon on pl.] (un torrent du district de Kien-té).

auroreus, Unio: 1883, CFN, pt. 8, pl. 57, fig. 106 (A l'origine des torrents Ning-kouo-hien, Kien-té hien); paratypes USNM 472411 and MCZ 167254.

avenaceus, Buliminus: 1885, MHNC 1 (3): 115, pl. 30, fig. 11 (Tchen-k'eou); paratype USNM 472187.

bambusicola, Hyalina: 1882, MHNC 1 (2): 17, pl. 13, fig. 13 (Ad torrentes vallis Ning-kouo-hien inter bambuseta); paratype USNM 472093.

barbosella, Helix: 1882, MHNC 1 (2): 38, pl. 16, figs. 3, 3a (limité aux collines que l'on voit à l'ouest de Chang-hai, à celles des îles du Grand Lac [Tai Hu]; paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 147, pl. 15, fig. 24, NMS 8892; also paratype USNM 472171.

bazini, Unio: 1877, CFN, pt 2, pl. 9, fig. 20 (la rivière Lo, province de Hou-nan); paratypes USNM 47231 and USNM 126530 Morelet coll'n.

baziniana, Clausilia: 1889, Jour. de. Conch. 37: 228 (no locality); 1890, MHNC 1 (4): 161, pl. 38, fig. 32 (Kouang-si boreali).

bezauriana, Corbicula: 1880, CFN, pt. 10, pl. 1, fig. 5 (Les environs de Fou-tcheou-fou); paratypes MCZ 167291; idiotype USNM 472480 Fou-kien.

bicallosula, Helix: 1886, Jour. de Conch. 34: 215 (Tchen-k'eou, Se-tchounan); 1890, MHNC 1(4): 144, pl. 37, fig. 7.

bicingulata, Fenouilia: 1889, Jour. de Conch. 37: 46 (Utramque specimen in lacu Hai-si, prope Ta-li fou, in Yun-nan septentrionali); 1890, MHNC 1 (4): 172, pl. 33, figs. 11, 11a, 11b, 11c, 11d.

bicolor, Corbicula: 1880, CFN, pt. 10, pl. 2, fig. 9 (Le district de Kouen-chan); idiotype USNM 472469 Heng-tcheou.

biconcava, Helix: 1882, MHNC 1 (2): 34, pl. 15, fig. 6 (In montosis Kiun-tcheou, ambitiu montis Ou-tang, ad dextrum latus fluvii Han); paratypes USNM 472144 and MCZ 167124.

biesianus, Unio: 1877, CFN, pt. 2, pl. 14, fig. 30 (Le torrent de Ning-kouo-hien); paratypes USNM 126480 Morelet coll'n.

bifilaris, Conulus: 1885, MHNC 1 (3): 105, pl. 27, fig. 7 (Tchen-k'eou).

biforis, Helix: 1885, MHNC 1 (3): 111, pl. 30, fig. 2 (circa Ta-kouan tchen); paratypes MCZ 167233.

bifrons, Cyclophorus: 1882, MHNC 1 (2): 4, pl. 12, figs. 8, 8a (Ad montes calcarios inter Ou-tchang hien et Kieou-kiang sitos); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 17, pl. 1, fig. 22, NMS 39440; idiotypes USNM 472318 Hou pé and MCZ 167193 Houang-tcheou fou.

bigibba, Anodon: 1880, CFN, pt. 6, pl. 41, fig. 79 (Canaux vaseu au bord du lac de Kien-p'ing-hien); paratypes USNM 126507, 126482 both Morelet coll'n., and USNM 472439.

bilineata, Corbicula: 1880, CFN, pt. 10, pl. 6 (La rivière qui débouche dans le Fleuve Bleu, en amont de Tong-lieou); paratypes MCZ 167293 and 154843 presented to A. Morelet by Heude from E.W. Roper Coll'n Boston Soc. Nat. Hist.; idiotype USNM 472476 Hia-yu-fang.

billiana, Helix: 1882, MHNC 1 (2): 25, pl. 14, fig. 3 (In montosis Kiun-tcheou, ditionis fluvii Han: montagnes appartenant au massif du Ou-tang, Hou-pé nord-ouest [4 specimens]).

binaria, Clausilia: 1886, Jour. de Conch. 34: 300 (Tal-li fou, Yun-nan); 1890, MHNC 1 (4): 159, pl. 35, fig. 5.

biscalpta, Helix: 1885, MHNC 1 (3): 113, pl. 29, fig. 10 (Tchen-k'eou); paratypes MCZ 167125.

bisdelineata, Clausilia: 1885, MHNC 1 (3): 121, pl. 31, fig. 14 (Tchen-k'eou); paratypes USNM 472249 and MCZ 167095.

borealis, Corbicula: 1880, CFN, pt. 10, pl. 8, fig. 48 (Le petit affluent, rive gauche de la Han, au-dessous de Fan-tch'ing, Hou-pé); paratypes USNM 472477 and MCZ 16/292.

borealis, Paxillus: 1890, MHNC 1 (4): 131, pl. 36, fig. 15 (Tchen-k'eou).

borealis, Streptaxis: 1882, MHNC 1 (2): 79, pl. 18, fig. 26 (In montibus calcariis Ou-yuan, Ngan-houé); paratypes USNM 472082 and MCZ 167029.

bottgeri 'Möllendorff' Heude, Paludina: 1890, MHNC 1 (4): 177, pl. 40, fig. 6 (Hai-nan); specimen from the original lot sent to Heude by Möllendorff, figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 38, pl. 3, fig. 17, NMS 7653c; paratypes MCZ 167311.

brachystoma, Buliminus: 1882, MHNC 1 (2): 50, pl. 17, fig. 10 (Subfossilis in montibus inter Mé-kong et Kin-cha kiang in loco sicco et arido ditionis Yer-ka lo Thibeti orientalis, [3 specimens]); paratype USNM 472178.

buccata, Nanina: 1885, MHNC 1 (3): 102, pl. 26, fig. 8 (Ta-li fou, Yang-tzé kiang versus [1 specimen]).

buccinella, Clausilia: 1886, Jour. de Conch. 34: 300 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 160, pl. 35, fig. 10; paratypes USNM 472267 and MCZ 167094.

Buliminidius: Genus, 1890, MHNC 1 (4): 146. Type species: Buliminus squamosulus Heude, original designation.

buliminoides, Helix: 1882, MHNC 1 (2): pl. 17, figs. 6, 30 (Valde frequens in arbusculis collium calcariorum circa Nanking et in ditione King-kouo-fou); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 151, pl. 15, fig. 49, NMS 24668; paratypes USNM 472141 Nanking and MCZ 167128 Long-tan, Nanking.

Buliminopsis: Genus, 1890, MHNC 1 (4): 146. Type species: Helix buliminus Heude, original designation.

buliminus, Helix: 1882, MHNC 1 (2): 48, pl. 20, fig. 20 (In montosis K'iu-hien, Se-tchouan orientalis); paratypes USNM 472140 and MCZ 167122.

bulla, Helicarion: 1885, MHNC 1 (3): 100, pl. 28, figs. 2, 2a (Tchen-k'eou).

buxina, Helix: 1886, Jour. de Conch. 34: 213 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 138, pl. 37, fig. 5.

caeruleus, Mycetopus: 1885, CFN, pt. 9, pl. 71, fig. 135 (La rivière qui sort des lacs de Ouang-kiang hien, rive gauche; et celle de Ts'ing-yang hien, avant son entree dans le lac de Ta-t'ong, rive droit, Ngan-houé).

calculus, Helix: 1885, MHNC 1 (3): 109, pl. 28, fig. 10 (Circa Yi-tchang fou). Non Lowe 1854, changed to Helix lithina Heude, 1885, Jour. de Conch. 33: 43.

canescens, Buliminus: 1884, Jour. de Conch. 32: 19. New name for Buliminus thibetanus Heude, non Pfeiffer 1856.

cantatoris, Corbicula: 1880, CFN, pt. 10, pl. 7, fig. 36 (Les petits ruisseaux du Kien-té-hien, partie sud du territoire); paratypes USNM 472483 and MCZ 167300.

capitatus, Unio: 1874, Jour. de Conch. 22: 114 (Environs de Tong-lieou et de Lu-Kiang); 1875, CFN, pt. 1, pl. 2, fig. 5; paratype USNM 472414.

carbonaria, Vaginula: 1890, MHNC 1 (4): 132, pl. 36, figs. 24, 24a, 24b, 24c (Tchen-k'eou).

carectorum, Hemibia: 1890, MHNC 1 (4): 169, pl. 33, fig. 16 (rive gauche du Yang-tzé, en face de Nanking); paratypes USNM 471911 and MCZ 167028.

carectorum, Succinea: 1882, MHNC 1 (2): 80, pl. 18, fig. 28 (In lacustribus inter caricium foliis non valde frequens in regione media fluminis); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 72, pl. 6, fig. 23, NMS 10593; paratype USNM 472279 Yang-tzé.

carinatus, Micetopus: 1877, CFN, pt. 3, pl. 21, fig. 45 (Ce fragment fossilisé vient probablement des lacs de Mien-iang-tch'eou, Hou-pé; se trouve au Kiang-si, rivière de Foutch'eou?).

castanea, Anodon: 1880, CFN, pt. 6, pl. 43, fig. 85 (Le lac de Tong-lieou, dans le chenal du torrent qui s'y déverse).

castaneola, Hyalina: 1882, MHNC 1 (2): 18, pl. 13, fig. 15 (Ad saxa calcaria unbrosa in districtu Ts'ing-yang, Ngan-houé).

catayensis, Paludina: 1890, MHNC 1 (4): 174, pl. 39, fig. 10 (bassin du Fleuve-jaune); paratypes USNM 471890 and MCZ 167340 both Houai-ngan-fou, basin of Yellow River.

caveatus, Unio: 1877, CFN, pt. 3, pl. 24, fig. 53 (Rivières Siang et Lo, au Hou-nan); paratype USNM 472365.

celtiformis, Unio: 1874, Jour. de Conch. 22: 113 (Kiang-si, dans la rivière de Fou-tcheou); 1875, CFN, pt. 1, pl. 1, fig. 4; paratypes USNM 472393, MCZ 167253, and NMS 3589.

cetivora, Clausilia: 1882, MHNC 1 (2): 62, pl. 18, fig. 3 (Primo in canali medullari mezillae inventa ceti, ceti nomen accepit; valde frequens in suburbiis Chang-hai

[Shanghai] et ad colles occidentales Song-kiang); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 101, pl. 10, fig. 6; paratypes NMS 42294a, Shanghai and MCZ 167085 Tsing-pou, Shanghai; idiotype USNM 472233 Zo-sé.

cheniana, Anodon: 1880, CFN, pt. 6, pl. 45, fig. 88 (Département de Ning-kouo, district de Suen-tchen et de King, Ngan-houé); paratypes USNM 126451, 126444 both Morelet coll'n, and USNM 472417.

cheniana, Corbicula: 1880, CFN, pt. 10, pl. 5, fig. 27 (Les torrents et ruisseaux sabloneux du Kouang-té-tcheou); paratypes MCZ 154848 presented to A. Morelet by Heude from E.W. Roper coll'n Boston Soc. Nat. Hist; idiotype USNM 472487 Yué-ouan kiai.

chinensis, Bithynia: 1890, MHNC 1 (4): 171, pl. 42, fig. 8 (Per totum Yang-tzé ambitum a mare ad cataractas [Hai-Men (Yi-tchai) Yang-tzé basin]); paratypes USNM 471894 and MCZ 167001.

chloreus, Unio douglasiae: 1885, CFN, pt. 9, pl. 65 bis, fig. c (dans les lacs et les canaux de T'ai-p'ing fou, Lu-tchéou fou, Ngan-k'ing fou); paratype USNM 472381.

cholerigena, Clausilia: 1889, Jour. de Conch. 37: 40 (Hou-pé meridionali); 1890, MHNC 1 (4): 157, pl. 34, fig. 17.

circinnata, Clausilia: 1889, Jour. de Conch. 37: 228 (no locality); 1890, MHNC 1 (4): 161, pl. 38, fig. 26 (Kouang-si).

clathratus, Cyclophorus: 1885, MHNC 1 (3): 91, pl. 23, figs. 4, 4a (Tchen-k'eou [2 specimens]); idiotypes MCZ 167137.

clausa, Nanina: 1882, MHNC 1 (2): 14, pl. 13, fig. 8 (In calcariis montibus circa Houang-tcheou fou, ad sinistram partem fluminis).

clavulus, Clausilia: Jour. de Conch. 34: 301 (Ta-li-fou, Yun-nan); 1890, MHNC 1 (4): 160, pl. 35, fig. 9; paratypes USNM 472222 and MCZ 167096.

colombeliana, Assiminea: 1885, MHNC 1 (3): 123, pl. 31, fig. 17 (Ad ora maritima Yang-tze kiang); paratypes MCZ 167021.

colombeliana, Clausilia: 1882, MHNC 1 (2): 68, pl. 18, fig. 6 (Ad montes calcarios Kouang-té-tcheou, et forsan ad latus occidentale Magni lacus); paratype MCZ 167087 Kouang-té-tch'eou.

colombeliana, Corbicula: 1880, CFN, pt. 10, pl. 3, fig. 14 (Canaux des districts de Li-yang, Yi-hing); paratypes USNM 472478 and MCZ 167298.

colombeliana, Hyalina: 1882, MHNC 1 (2): 17, pl. 13, fig. 12 (In locis humidis circa civitatem Yi-hing); paratype USNM 472094.

colombeliana var. a. Corbicula: 1880, CFN, pt. 10, [letter press to pl. 3, not fig.] (Canaux des districts de Li-yang, Yi-hing).

comes, Helicarion: 1890, MHNC 1 (4): 134, pl. 37, fig. 28 (Tchen-k'eou).

comminuta, Helix: 1889, Jour. de Conch. 37: 229 (no locality); 1890, MHNC 1 (4): 161, pl. 38, fig. 27 (Kouang-si [from contents]).

comminutus, Buliminus: 1890, MHNC 1 (4): 150, pl. 35, fig. 12 (Koué-tcheou, frontière du Kouang-si [one specimen]).

compressus, Unio: 1877, CFN, pt. 3, pl. 24, fig. 52 (Les petits et clairs ruisseaux des montagnes Nanking, Kouang-te-tch'eou, Tché-tch'eou-fou). Non conrad 1834, changed to subpressus Heude, 1885, CFN, pt. 9, letter press to pl. 65 bis. 128 g. Simpson 1900, Proc. U. S. Nat. Mus. 22: 851 changed the name to incertus, apparently having overlooked Heude's subsequent substitution; paratype USNM 472391 Kouang-té-tch'eou; idiotype USNM 472392 Kien-p'ing-hien.

concinna, Corbicula: 1880, CFN, pt. 10, pl. 4, fig. 18 (La rivière de Ning-kouo-fou); idiotype USNM 472468 Kien-p'ing.

confusa, Anodon: 1881, CFN, pt. 7, pl. 53, fig. 99 (Les mares des côteaux au bord du Yang-tze, district de Tong-lieou).

confusa, Diplommatina: 1885, MHNC 1 (3): 97, pl. 24, figs. 12, 12a (Tchen-k'eou); paratypes USNM 472304 and MCZ 167034.

conica, Corbicula: 1880, CFN, pt. 10, pl. 3, fig. 16 (La rivière qui passe par la ville de Kien-p'ing-hien); paratypes USNM 472479 and MCZ 167271.

conica var. a., Corbicula: 1880, CFN, pt. 10, pl. 3, fig. 16a (La rivière de San-ho, district de Ho-fé).

conica var. b., Corbicula: 1880, CFN, pt. 10, pl. 3, fig. 16b ([locality not given] but probably with the type and [or] var. a. (La rivière qui passe par la ville de Kien-p'ing-hien; la rivière de San-ho, district de Ho-fé); paratypes MCZ 167265 from the former locality.

conjugens, Unio contortus: 1877, CFN, pt. 2, pl. 15, fig. 33 (Rivière Siang).

conoidius, Buliminopsis: 1890, MHNC 1 (4): 147, pl. 37, fig. 25 (Tchen-k'eou); paratype MCZ 167155.

conrauxiana, Helix: 1885, MHNC 1 (3): 107, pl. 27, fig. 18 (Ad ripas Songari, Manchuriae fluminis [Sungari River, Manchuria]); paratype MCZ 167126.

constellata, Clausilia: 1886, Jour. de Conch. 34: 301 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 158, pl. 35, fig. 1.

constricta, Clausilia decurtata: 1890, MHNC 1 (4): 153, pl. 34, fig. 8 (no locality).

contritus, Unio: 1881, CFN, pt. 7, pl. 56, fig. 103 (Les torrents qui débouchent au nord du P'o-yang, Kien-te-hien); paratype USNM 472364.

coopertus, Cyclophorus: 1888, Jour. de Conch. 36: 243 (La montagne de Tay-ninh, Cochinchine [Cambodia]); 1890, MHNC 1 (4): 126, pl. 36, fig. 4; paratypes USNM 472309 and MCZ 167172.

corderii, Unio: (See under: heudei 'Bazin' Heude, Unio).

cordieriana, Corbicula: 1880, CFN, pt. 10, pl. 2, fig. 8 (Le district de Kouen-chan); paratypes USNM 472488 and MCZ 167266.

coriaceus, Funiculus: 1888, Jour. de Conch. 36: 242 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 148, pl. 35, fig. 19 (Ta-li fou); paratypes USNM 472202 and MCZ 167170.

cornea, Fargesia: 1886, Jour. de Conch. 34: 211 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 130, pl. 36, figs. 12, 12a; paratypes USNM 472343 and MCZ 167038.

cornuum-lunae, Unio: 1883, CFN, pt. 8, pl. 57, fig. 105 (Petits torrents dans le Kouang-té-tcheou); paratype USNM 472362.

costulata, Hemibia: 1890, MHNC 1 (4): 169 (not figured) (Lac T'ong-t'ing, dans la bouche supérieure du lac, en face de la ville de Kin-tcheou fou, du Yang-tzé supérieur); paratypes USNM 471908 and MCZ 167027.

crassa, Hemibia: 1890, MHNC 1 (4): 169, pl. 33, fig. 18 (Le long des bords des fossés d'ecoulement qu'inondent les eaux du lac de Tong-lieou en été); paratypes USNM 471910 and MCZ 167015.

cremata, Helix: 1882, MHNC 1 (2): 42, pl. 20, fig. 15 (In montosis calcariis districtus Ou-yuan); paratypes USNM 472118 and MCZ 167123.

cryptodon, Pupa: 1882, MHNC 1 (2): 77, pl. 18, fig. 20 (In ruderatis sub lapidibus in antiquo Fluminis Lutei alveo [Houang-ho], circa Houai-ngan fou); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 74, pl. 6, fig. 31, NMS 4601.

cuneus, Conulus: 1885, MHNC 1 (3): 105, pl. 27, fig. 6 (no locality given [Tchen-k'eou]).

cylindrella, Clausilia: 1886, Jour. de Conch. 34: 301 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 159, pl. 35, fig. 11; paratype MCZ 167088.

cylindroides, Buliminus: 1884, Jour. de Conch. 32: 19. New name for Buliminus pallens Heude, non Jonas 1843.

dactylinus, Unio douglasiae: 1885, CFN, pt. 9, pl. 65 bis, fig. 128d (se rencontre plus au nord [du Delta à Haimen et à T'song-ming] les lacs de la Houai); paratype USNM 472387.

daucopsis, Buliminus: 1888, Jour. de Conch. 36: 240 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 149, pl. 35, fig. 18.

debilis, Funiculus: 1888, Jour. de Conch. 36: 242 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 148, pl. 35, fig. 15; paratypes USNM 472201 and MCZ 167184.

debrixiana, Corbicula: 1880, CFN, pt. 10, pl. 4, fig. 23 (Le torrent de Ning-kouo-hien); paratypes MCZ 167270.

decurtata, Clausilia: 1885, MHNC 1 (3): 119, pl. 31, fig. 2 (Tchen-k'eou); paratypes USNM 472254 and MCZ 167088.

deformis, Paludina: 1890, MHNC 1 (4): 177, pl. 40, figs. 15, 15a (Des eaux du Kouang-tong, près du Tong-king [Tonkin, North Vietnam]); paratypes MCZ 167312.

dejeana, Helix: 1882, MHNC 1 (2): 21, pl. 20, fig. 17 (Ta-tsien lou ad limites sinico-thibetanos); paratype USNM 472128.

Delavaya: Genus, 1889, Jour. de Conch. 37: 46. Type species: Delavaya rupicola Heude, monotypy.

delavayana, Bithynia: 1890, MHNC 1 (4): 170, pl. 42, fig. 5 (Lan-kong, Yun-nan, altitude 2800 mètres); paratypes USNM 471892 and MCZ 167002.

delavayana, Clausilia: 1885, MHNC 1 (3): 119, pl. 31, fig. 5 (Ad ripas fluminis: iter agendo, juxta Koué-tcheou fou); paratypes USNM 472226 and MCT 167087.

delavayana, Corbicula: 1880, CFN, pt. 10, pl. 8, fig. 50 (Ruisseaux à Pak-hoy, province du Kouang-tong); paratypes USNM 472490 and MCZ 167286.

delavayana, Helix: 1885, MHNC 1 (3): 109, pl. 27, fig. 12 (Ta-kouan tchen).

delavayana, Melania: 1888, Jour. de Conch. 36: 309 (in rivulis La-fou, Kouang-tong); 1890, MHNC 1 (4): 162, pl. 41, figs. 5, 5a.

delavayana, Nanina: 1885, MHNC 1 (3): 103, pl. 26, fig. 9 (In altis montibus regionis incolarum Lo-lo dictorum; juxta Ta-li fou [4 specimens]).

delavayana, Paludina: 1889, Jour. de Conch. 37: 47 (in lacu Ta-li fou); 1890, MHNC 1 (4): 175, pl. 40, fig. 1; paratype MCZ 167342.

delavayanum, Myxostoma: 1888, Jour. de Conch. 36: 243 (no locality given); 1890, MHNC 1 (4): 127, pl. 36, figs. 8, 8a, 8b (vallée du Fleuve Bleu); paratypes USNM 472319 Ta-li fou and MCZ 167167.

delavayanus, Buliminus: 1885, MHNC 1 (3): 116, pl. 30, fig. 14 (Tchen-k'eou); idiotype USNM 472199 Ta-li fou.

delavayanus, Cyclophorus: 1885, MHNC 1 (3): 90, pl. 23, fig. 3 (Juxta Ta-kouan tchen, Yun-nan [2 specimens, only one adult]) paratype MCZ 167144.

deltae, Unio douglasiae: 1885, CFN, pt. 9, pl. 65 bis, fig. 128d (dans les canaux du Delta à Haimen et à T'song-ming); paratype USNM 472380.

demolita, Helix: 1885, MHNC 1 (3): 108, pl. 29, figs. 7, 7a (Tchen-k'eou).

demolita, Paludina: 1890, MHNC 1 (4): 177, pl. 40, fig. 12 (rivière de Kouang-té-tcheou, Nan-houé); paratypes USNM 471886 and MCZ 167310.

derelicta, Nanina: 1885, MHNC 1 (3): 104, pl. 29, fig. 4 (Tchen-k'eou)

despecta, Anodon: 1880, CFN, pt. 6, pl. 41, fig. 79 (Un fossé près de la ville de Lieou-ngan-tcheou); paratypes USNM 472431 and NMS 3675.

destructa, Mesostoma: 1886, Jour. de Conch. 34: 212 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 130, pl. 24, fig. 15; paratypes USNM 472296 and MCZ 167039.

destructa, Pupina: 1885, MHNC 1 (3): 98, pl. 24, fig. 15 (Tchen-k'eou); paratype USNM 472296.

diaconalis, Clausilia: 1889, Jour. de Conch. 37: 43 (ad alumnis suis quaesitas, mihi vivas transmisit ex oppido Soué-fou, Se-tchouan); 1890, MHNC 1 (4): 157, pl. 34, figs. 20, 21; paratypes USNM 472269 and MCZ 167086.

dilatatus, Cyclophorus: 1886, Jour. de Conch. 34: 208 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 125, pl. 36, figs. 5, 5a; paratypes USNM 472314 and MCZ 167220.

diminuta, Corbicula: 1880, CFN, pt. 10, pl. 2, fig. 11 (La rivière de Nanking); paratypes USNM 472489 and MCZ 167278.

diminuta, Paludina: 1890, MHNC 1 (4): 174, pl. 39, fig. 9 (les rizières de la préfecture de Kouang-té, Ngan-houé).

diminutus, Alycaeus: 1885, MHNC 1 (3): 97, pl. 24, figs. 5, 5a (Tchen-k'eou [one specimen]); 1886, Jour. de Conch. 34: 210.

diodontina, Helix: 1885, MHNC 1 (3): 112, pl. 29, fig. 11 (Tchen-k'eou); paratype MCZ 167123.

dispiralis, Paludina: 1890, MHNC 1 (4): 175, pl. 39, fig. 12 (eaux du Yun-nan septentrionnal); paratypes USNM 471880 and MCZ 167309 both Lan-kong, Yun-nan.

distorta, Nanina: 1885, MHNC 1 (3): 103, pl. 26, fig. 11 (Tchen-k'eou).

distortus, Unio: 1883, CFN, pt. 8, pl. 62, figs. 122a and 122b (Sources de la rivière de Jao-tcheou, Kien-té sud, et dans le district de Ts'ing-yang); paratype USNM 472398.

dolichodeiros, Alycaeus: 1890, MHNC 1 (4): 129, pl. 38, fig. 3 (Tchen-k'eou).

doliolum, Anodon: 1878, CFN, pt. 4, pl. 27, fig. 57 (Canaux de Yang-tcheou, Kiang-sou).

doliolum, Ennea: 1885, MHNC 1 (3): 116, pl. 30, fig. 15 (Tchen-k'eou). Non Morelet 1873, changed to Ennea dolium Heude, 1885, Jour. de Conch. 33: 43. Paratype MCZ 167037.

dolium, Ennea: 1885, Jour. de Conch. 33: 43. New name for Ennea doliolum, non Morelet 1873.

dolium, Melania: MHNC 1 (4): 166, pl. 41, figs. 24, 24a, et pl. 43 (in rivulis Hiou-ning, Ngan-houé); paratypes USNM 471930 and MCZ 167320.

dolomiticus, Alycaeus: 1890, MHNC 1 (4): 130, pl. 38, fig. 1 (Ad calcarios lapides juxta civitatem Tchen-kiang, Kian-sou); paratypes USNM 472335 and MCZ 167209.

dormitans, Helix: 1882, MHNC 1 (2): 45, pl. 17, fig. 3 (In arbusculis ad oram meridionalem laci Hong-tze [Hungtze ho, Anhwei]); paratype USNM 472133 Hin-i-hien.

dux, Helicarion: 1890, MHNC 1 (4): 134, pl. 38, fig. 18 (Kouang-si boreali).

edulis, Anodonta: 1874, Jour. de Conch. 22: 117 (Espèce commune dans les grands canaux d'eau vive du Song-kiang-fou [Kiangsu]); 1875, CFN, pt. 1, pl. 8, fig. 18; paratypes USNM 126959 and USNM 126514 both Morelet coll'n.

elevatus, Alycaeus: 1886, Jour. de Conch. 34: 210 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 129, pl. 36, fig. 19.

elliptica, Anodon: 1878, CFN, pt. 4, pl. 27, fig. 58 (Fosses à rizières de la region montagneuse du district de Kien-té, Ngan-houé); paratype USNM 472420.

elongata, Paludina: 1890, MHNC 1 (4): 179, pl. 41, fig. 3 (rivière du district de Kien-té); paratype MCZ 167315 Koué-tcheou, district Kien-té.

eques, Helicarion: 1890, MHNC 1 (4): 134, pl. 37, fig. 30 (Ta-li fou ad collum Yen-tze hai, altitudine 3200 mètres).

erratica, Nanina: 1882, MHNC 1 (2): 12, pl. 13, figs. 3, 3a (In rupestribus abruptis districtus Kiun-tcheou provinciae Hou-pé, dans le massif du Ou-tang à une altitude d'environ 1500 mètres); idiotype USNM 472102 Han, Kinché-Kiang.

erroneus, Cyclotus: 1890, MHNC 1 (4): 128, pl. 12, fig. 10, pl. 42, figs. 12, 12a, 12b, 12c [Kouang-si]; paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 24, pl. 2, fig. 7, NMS 39401; paratypes USNM 472332, MCZ 167138, MCZ 167146 and MCZ 167139.

erythrozona, Melania: 1888, Jour. de Conch. 36: 309 (Le fond du lac Mé-keng, et les flaques d'eau du Yang-tze, dans son voisinage); 1890, MHNC 1 (4): 167, pl. 41, fig. 29; paratypes USNM 471916 and MCZ 167325 both Lac Mé-keng.

euscaphys, Anodon: 1879, CFN, pt. 5, pl. 35, fig. 68 (Tchen-kiang, Kiang-sou); paratypes USNM 126431 Morelet coll'n and USNM 472429.

expansus, Alycaeus: 1890, MHNC 1 (4): 129, pl. 38, fig. 2 (Tchen-k'eou).

expoliatum, Myxostoma: 1885, MHNC 1 (3): 94, pl. 23, fig. 10 (Tchen-k'eou [1 specimen]); idiotypes USNM 472321 and MCZ 167187.

fantozatiana, Anodon: 1885, CFN, pt. 9, pl. 69, fig. 132 (Les parties supérieures de la vallée de la Han de la côte sud du Fou-kien et du Kouang-tong); idiotype USNM 472423 Kiun-tcheou.

fantozatiana, Paludina: 1890, MHNC 1 (4): 176, pl. 40, fig. 9 (parties supérieures de la rivière Han, hors du courant; elle remonte jusqu'au Chen-si).

Fargesia: Genus, 1886, Jour. de Conch. 34: 211. Type species: Fargesia cornea Heude, monotypy.

fargesiana, Clausilia: 1885, MHNC 1 (3): 119, pl. 31, fig. 3 (Tchen-k'eou); paratypes USNM 472226 and MCZ 167090.

fargesiana, Ennea: 1890, MHNC 1 (4): 152, pl. 36, fig. 17 (Tchen-k'eou); paratypes USNM 472084 and MCZ 167036.

fargesiana, Helicina: 1885, MHNC 1 (3): 98, pl. 24, fig. 17 (Tchen-k'eou).

fargesiana, Nanina: 1885, MHNC 1 (3): 103, pl. 26, fig. 7 (Tchen-k'eou); paratype USNM 472103.

fargesiana, Stenogyra: 1885, MHNC 1 (3): 117, pl. 30, fig. 20 (Tchen-k'eou); paratype USNM 472211.

fargesiana, Succinea: 1885, MHNC 1 (3): 123, pl. 31, fig. 18 (Tchen-k'eou); paratype USNM 422280.

fargesinanella, Clausilia: 1885, MHNC 1 (3): 119, pl. 31, fig. 4 (Tchen-k'eou); paratypes USNM 472246 and MCZ 167078.

fargesianua, Vaginulus: 1885, MHNC 1 (3): 99, pl. 26, figs. 2, 2a [Hong-kong].

fargesianus, Alycaeus: 1885, MHNC 1 (3): 96, pl. 24, figs. 3, 3a (Tchen-k'eou); paratypes USNM 472341 and MCZ 167229.

fargesianus, Buliminus: 1885, MHNC 1 (3): 114, pl. 30, fig. 6 (Tchen-k'eou); paratype USNM 472193.

fargesianus, Cyclophorus: 1885, MHNC 1 (3): 89, pl. 23, fig. 2 (Ad montes ditionis Tchen-k'eou [one specimen]. Ils proviennent du territoire de Tchen-k'eou, versant du Yang-tzé); idiotypes USNM 472316 and MCZ 167165.

fargesianus, Helicarion: 1885, MHNC 1 (3): 101, pl. 27, fig. 1 (les montagnes de Tchen-k'eou).

fauveliana, Stenogyra: 1885, MHNC 1 (3): 117, pl. 30, fig. 21 (Han-k'eou; Yong-tcheou fou); paratype USNM 472214 Hou-nan.

fellea, Nanina: 1888, Jour. de Conch. 36: 240 (Ta-li fou, Yun-nan, altitude 3000 mètres); 1890, MHNC 1 (4): 135, pl. 37, fig. 17 (In monte Ho-kin circa 3000 mètres altitude ad Ta-li fou).

Fenouilia: Genus, 1889, Jour. de Conch. 37: 46. Type species: Fenouilia bicingulata Heude, monotypy.

fenouilliana, Corbicula: 1880, CFN, pt. 10, pl. 25, fig. 24 (le lac de Yun-nan-fou, province du Yun-nan); paratype MCZ 167276.

fenouilii, Anodon: 1878, CFN, pt. 4, pl. 31, fig. 64 (Lac de Yun-nan-fou, Yun-nan).

ferruginea, Corbicula: 1880, CFN, pt. 10, pl. 7, fig. 38 (Un torrent dans le district du Ts'ing-yang); paratypes USNM 472481 and MCZ 167298.

ferruginosus Cyclophorus: 1885, MHNC 1 (3): 89, pl. 23, figs. 1, 1a (Juxta Ta-kouan tchen, Yun-nan ad flumen Kin-cha kiang; entrant dans le Yun-nan par la vallée du Fleuve Bleu); paratype MCZ 167227.

fibrosus, Unio: 1877, CFN, pt. 2, pl. 11, fig. 22 (Un peu partout le long du Yang-tzé, dans les eaux vives et mediocrement rapides); paratype USNM 126460 Morelet coll'n; idiotype USNM 472374 Siang-Kiang.

filaris, Stenogyra: 1882, MHNC 1 (2): 56, pl. 17, fig. 27 (In calcariis montosis ditionis Ning-kouo-fou [2 specimens]).

filippiana, Anodon: 1885, CFN, pt. 9, pl. 68, fig. 131 (des environs de K'ing-tch'eou fou, Houpé occidental).

filippina, Clausilia: 1882, MHNC 1 (2): 63, pl. 20, fig. 24 (In montosis Pa-tong; de l'extrémité du Hou-pè, non loin des rapides du Fleuve Bleu); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 99, pl. 9, fig. 49, NMS 42275; paratypes USNM 472236 and MCZ 167089 Pa-tong.

filippina, Helix: 1882, MHNC 1 (2): 23, pl. 20, fig. 19 (In montosis Pa-tong, Hou-pé meridionalis); paratype USNM 472127.

filovinctus, Conulus: 1885, MHNC 1 (3): 105, pl. 27, fig. 5 (Tchen-k'eou); paratype USNM 472090.

firmus, Unio douglasae: 1885, CFN, pt. 9, pl. 65 bis, figs. 128 b, b' (les rivières de la partie moyenne de la vallée du Fleuve Bleu); paratype USNM 472386.

flammea, Assiminea (Pseudomphalae): 1882, MHNC 1 (2): 83, pl. 21, figs. 6, 6a, 6b, 6c, A, A', B, B', 0 (Circa os fluminis Yang-tzé); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 49, pl. 4, fig. 39, NMS 38684; paratypes USNM 471902 and MCZ 167017.

flavescens, Clausilia: 1884, Jour. de Conch. 32: 19. New name for Clausilia straminea Heude, non 'Parreyss' Pfeiffer 1868.

flavopurpurea, Nanina: 1885, MHNC 1 (3): 103, pl. 26, fig. 10 (Ta-li fou, Yang-tzé kiang versus [1 specimen]).

florida, Anodon: 1881, CFN, pt. 7, pl. 55, fig. 102 (Canaux et fosses au sud du Tong-t'ing, Hou-nan]; paratype USNM 472428.

fluitans, Corbicula: 1880, CFN, pt. 10, pl. 8, fig. 47 (La Houai supérieure, branche de Lieou-ngan-tcheou); paratypes USNM 472459 and MCZ 167274.

fluminalis, Paludina: 1890, MHNC 1 (4): 174, pl. 39, figs. 3, 8 (Yang-tzé) supérieur et moyen); paratypes NMS 38800 from Heude ex Möllendorff coll'n. and MCZ 167339.

fluminea, Anodon: 1877, CFN, pt. 3, pl. 20, fig. 42 (La rivière Houai, vers la ville de Cheou-tch'eou); paratype USNM 472435.

fodiens, Cyclotus: 1882, MHNC 1 (2): 5, pl. 12, fig. 9 (Ad colles saxosos calcarios sub detritis foliis in ditionibus Hing-kuou et Tché-tcheou fou); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 23, pl. 2, fig. 3, NMS 39396; paratypes USNM 472329 and MCZ 167152, both Tché-tcheou fou.

fortunei, Clausilia: 1882, MHNC 1 (2): 66, pl. 20, fig. 7 (Ditiones Ning-kouo fou et Tché-tcheou fou; detectam in ditione australiori Houe-tcheo-fou. Pfeiffer descripsit A. D. 1852 et patriam assignavit paludes alluviales Chang-hai, sicut et pro caeteris fortuneis mullusucis).

fossor, Cyclotus: 1886, Jour. de Conch. 34: 210 (Yi-tchang, Hou-pé); 1890, MHNC 1 (4): 127, pl. 36, figs. 7, 7a; paratypes USNM 472330 and MCZ 167145.

foukiensis, Corbicula: 1880, CFN, pt. 10, pl. 1, fig. 6 (Les environs de Fou-tcheou-fou); paratypes USNM 472485 and MCZ 167297.

frigida, Clausilia: 1884, Jour. de Conch. 32: 19. New name for Clausilia septemplicata Heude, non Philippi 1838.

friniana, Anodon: 1878, CFN, pt. 4, pl. 28, fig. 60 (Lac de Ho-kieou-hien, Ngan-houé); idiotype USNM 472427 Ho chan.

friniana, Clausilia: 1890, MHNC 1 (4): 160, pl. 38, fig. 30 (in districtu Hiou-ning, Ngan-houé); paratype MCZ 167066

friniana, Melania: 1888, Jour. de Conch. 36: 307 (in rivulis districtus Ou-yuan lacum P'o-yang dictum influentibus); 1890, MHNC 1 (4): 163, pl. 41, fig. 11; paratypes USNM 471919 and MCZ 167338.

frinianum, Spirostoma: 1885, MHNC 1 (3): 95, pl. 29, fig. 2 (Ad montes calcarios districtus Lo-p'ing; Ou-yuan, Ngan-houé sud); paratypes MCZ 167202.

frinianus, Buliminus: 1885, MHNC 1 (3): 115, pl. 30, fig. 8 (In montibus calcariis Ou-yuan); paratype USNM 472186.

frinianus, Cyclophorus: 1885, MHNC 1 (3): 90, pl. 29, fig. 1 (Ad montes ditionis carboniferae districtus Lo-p'ing, Kian-si).

fuchsiana, Clausilia: 1885, MHNC 1 (3): 121, pl. 31, fig. 11 (Ex Hou-nan meridionali).

fuchsiana, Nanina: 1882, MHNC 1 (2): 12, pl. 19, fig. 6 (In montibus circa Heng-tcheou fou, Hou-nan).

fuchsiana, Stenogyra: 1885, MHNC 1 (3): 117, pl. 30, fig. 16 (In ditione Peo-k'ing fou, Hou-nan meridionalis).

fuchsianus, Buliminus: 1882, MHNC 1 (2): 53, pl. 20, fig. 21 (Partem meridionalem Hou-nan); paratype USNM 472175 Yong-tcheou fou.

fulvella, Clausilia: 1882, MHNC 1 (2): 74, pl. 18, fig. 17 (Ad colles calcarios circa divitatem Houang-tcheou, Houpé); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444:103, pl. 10, fig. 26, NMS 42373a; paratypes MCZ 167079.

funicularis, Stenogyra: 1882, MHNC 1 (2): 56, pl. 17, fig. 28 (In civitate Chang-hai et ad colles Song-kiang fou); paratype USNM 472207 Song-kiang fou.

Funiculus: Genus, 1888, Jour. de Conch. 36: 241. Type species: Buliminus delavayanus Heude, original designation.

funiculus, Buliminus: 1882, MHNC 1 (2): 51, pl. 17, fig. 18 (Valde frequens ad colles carboniferos circa Nanking); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 79, pl. 7, fig. 15, NMS 40402; paratype USNM 472179.

furtiva, Helix: 1885, MHNC 1 (3): 110, pl. 27, fig. 13 (Koué-tcheou).

fusca, Anodon: 1878, CFN, pt. 4, pl. 28, fig. 59 (Le lac Pai, au nord de la sous-prefecture de [Wang kiang] Ngan-houé); paratype USNM 126433 Morelet coll'n.

galera, Helix: 1890, MHNC 1 (4): 144, pl. 37, fig. 5 (la plaine de Tay-ninh, Cochinchinae [Tay Ninh, South Vietnam]).

gentiliana, Corbicula: 1880, CFN, pt. 10, pl. 1, fig. 4 (Les environs de Fou-tcheou fou, Fou-kien); paratypes USNM 472482 and MCZ 167273.

gentilianus, Dipsas: 1881, CFN, pt. 7, pl. 53, fig. 98 (Fou-kien).

giraudeliana, Helix: 1882, MHNC 1 (2): 14, fig. 12 (In summa planitie mortua et semi fossilis ad ripam sinistram fluminis Mé-kong, loco dicto Yer-ka lo, Thibeti orientalis [2 specimens]).

giraudelianus, Buliminus: 1882, MHNC 1 (2): 54, pl. 17, fig. 11 (Subfossilis circa Yer-ka lo, Thibeti orientalis ditione).

gladiolus, Unio: 1877, CFN, pt. 2, pl. 16, fig. 35 (Rivières de Ning-kouo-fou et de Kouang-te-tchéou; lac Tai); paratype USNM 472395 Ning-kouo-fou; idiotypes MCZ 167248 Hia-in-fou.

glandina, Paludina [Rivularia]: 1890, MHNC 1 (4): 178, pl. 40, fig. 17 (Frequens ad os fluminis ex Kien-tchang fou, Kiang-si, in lacu P'o-yang influentis); paratypes USNM 471878 Kien-tchang-fou and MCZ 167314.

globosa, Paludina [Rivularia]: 1890, MHNC 1 (4): 179, pl. 41 fig. 2 (les eaux pures et courants de la vallée du Fleuve Bleu [4 specimens]); paratype MCZ 167175 Pa-tong.

globosula, Anodon: 1878, CFN, pt. 4, pl. 25, fig. 54 (Rivières et lacs du bassin de la Houai, Ngan-houé); paratype USNM 472424.

globus, Helicarion: 1885, MHNC 1 (3): 101, pl. 27, fig. 2 (Tchen-k'eou).

gossipinus, Buliminus: 1888, Jour. de Conch. 36. (See under gossypinus Heude, Buliminus).

gossypinus, Buliminus: 1888, Jour. de Conch. 36: 241 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 149, pl. 35, fig. 13 [as gossipinus]; paratype USNM 472192.

graminum, Helix: 1882, MHNC 1 (2): 29, pl. 14, fig. 8 (In montosis per totum fluminis Yang-tzé ambitum); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 131, pl. 13, fig. 42, NMS 8857; paratypes USNM 472116 Yong-tcheou fou and MCZ 167211 Koué-tcheou fou.

gravis, Corbicula: 1880, CFN, pt. 10, pl. 4, fig. 20 (La rivière de Kien-p'ing-hien); paratypes USNM 472472 and MCZ 167295.

gravis, var. a., Corbicula: 1880, CFN, pt. 10, pl. 4, fig. 20a (la rivière de Kien-p'ing-hien).

gredleriana, Hyalina: 1882, MHNC 1 (2): 19, pl. 19, figs. 11, 11a (Hou-nan meridionali, ad saxa calcaria); paratype USNM 472096 Yong-tcheou-fou, Hou-nan.

grilloana, Corbicula: 1880, CFN, pt. 10, pl. 6, fig. 34 (Les torrents du Koué-tché-hien, dans le Tché-tcheou-fou); paratypes USNM 472484 and MCZ 167302.

gryphaea, Corbicula: 1880, CFN, pt. 10, pl. 5, fig. 28 (La petite rivière de Ti'kang, district de Fan-tcha'ng dans le T'ai-p'ing-fou, rive droite du Fleuve Bleu); paratypes USNM 472486 Ti'kang and MCZ 167257.

guilcherianus, Buliminus: 1890, MHNC 1 (4): 150, pl. 38, fig. 20 (Ta-li fou).

haematina, Assiminea (Pseudomphalae): 1882, MHNC 1 (2): 82, pl. 21, figs. 3, 3a (Circa os fluminis Yang-tzé); paratypes USNM 471901 and MCZ 167018.

haematozona, Helix: 1882, MHNC 1 (2): 40, pl. 20, fig. 14 (Partem austro-occidentalem Koué-tcheou); paratype MCZ 167119.

haesitans, Helix: 1888, Jour. de Conch. 36: 237 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 143, pl. 37, fig. 4; paratype USNM 472169.

hainanensis, Unio douglasiae: 1885, CFN, pt. 9, pl. 65, fig. 128f (l'île méridionale de Hai-nan).

Hemibia: Genus, 1889, Jour. de Conch. 37: 47 (no type species); 1890, MHNC 1 (4): 168. Type species: Oncomelania schumackeri Möllendorff, subsequent designation.

herpestes, Helix: 1885, MHNC 1 (3): 110, pl. 27, fig. 14 (Tchen-k'eou); paratypes USNM 472157 and MCZ 167131.

heudeana Möllendorff Clausilia: 1882, Jahrbücher Deutch. Malak. Ges. 9: 202. New name for Clausilia pachystoma Heude, non Küster 1853.

heudei, 'Bazin' Heude, Unio: 1874, Jour. de Conch. 22: 114 (Presque toutes les rivières de la province de Nanking) 1875, CFN, pt. 1, pl. 1, fig. 3. Name changed to Unio corderii, idiotype USNM 472415, Lieo-ho hien.

horripilosella, Helix: 1885, MHNC 1 (3): 114, pl. 29, fig. 13 (Tchen-k'eou); paratype USNM 472134.

huberiana, Helix: 1882, MHNC 1 (2): 28, pl. 17, fig. 1 (Swa-tow in hortis); paratypes USNM 472109 and MCZ 167224.

humida, Hypsobia: 1890, MHNC 1 (4): 173, pl. 33, figs. 12, 12a, 12b (Tchen-k'eou); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 42, pl. 4, fig. 5, NMS 4290, paratypes USNM 471912 and MCZ 167349.

humile, Myxostoma: 1885, MHNC 1 (3): 92, pl. 23, figs. 7, 7a, 7b (Tchen-k'eou); paratype MCZ 167173.

hunanensis, Buliminus: 1885, MHNC 1 (3): 115, pl. 30, fig. 9 (Yong-tcheou fou).

hyemalis, Buliminus: 1882, MHNC 1 (2): 54, pl. 17, fig. 14 (Ad rupes calcarios circa lacum Tch'ao, Ngan-houé).

hyemalis, Stenogyra: 1882, MHNC 1 (2): 56, pl. 17, fig. 25 (In altioribus montibus Kiun-tcheou, Hou-pé borealis [one specimen]).

hygrophila, Succinea: 1884, Jour. de Conch. 32: 19. New name for Succinea rubella Heude, non Pease 1871.

hyperborealis, Opisthorporus: 1890, MHNC 1 (4): 128, pl. 36, fig. 11, exclus. 11a, 11b (Tchen-k'eou, Se-tchouang); paratypes MCZ 167201.

Hypsobia: Genus, 1890, MHNC 1 (4): 173. Type species Hypsobia humida Heude, monotypy.

ignobilis, Corbicula: 1880, CFN, pt. 10, pl. 6, fig. 32 (La petite rivière qui draine le lac de Peng-tse-hien, au pied des montagnes); paratypes MCZ 154840 presented to Morelet by Heude from E. W. Rober coll'n ex Boston Soc. Nat. Hist.; idiotypes USNM 472454 and MCZ 167287 both Tong-lieou.

imbellis, Hyalina: 1882, MHNC 1 (2): 19, pl. 13, fig. 7 (In rupestribus calcariis ditionis Ning-kouo-fou); paratype USNM 472100.

imbricatus, Buliminus: 1888, Jour. de Conch. 36: 241 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 149, pl. 35, fig. 12, paratype USNM 172197.

impatiens, Helix: 1885, MHNC 1 (3): 110, pl. 27, fig. 10 (Ta-kouan t'chen).

improvisa, Helix: 1885, MHNC 1 (3): 107, pl. 27, figs. 16, 16a (Tchen-k'eou); idiotypes USNM 472153 upper Han and MCZ 167140 Han-sup.

indecora, Anodon: 1880, CFN, pt. 6, pl. 48, fig. 91 (Les mares au milieu des coteaux riverains du Yang-tzé, district de Tong-lieou).

indigotina, Corbicula: 1880, CFN, pt. 10, pl. 4, fig. 21 (La rivière de King-hien, dans le Ning-kouo-fou); paratypes USNM 472457 and MCZ 154814.

indigotina var. a., Corbicula: 1880, CFN, pt. 10, letter press to pl. 4, not fig. (La rivière de King-hien, dans le Ning-kouo-fou).

indurata, Clausilia: 1886, Jour. de Conch. 34: 299 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 156, pl. 34, fig. 11 et 16; paratypes USNM 472227 and MCZ 167081.

indurata, Nanina(?): 1886, Jour. de Conch. 34: 212 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 135, pl. 35, figs. 31, 31a.

infecta, Clausilia: 1886, Jour. de Conch. 34: 297 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 160, pl. 35, fig. 8.

inflatula, Stenogyra: 1882, MHNC 1 (2): 59, pl. 17, fig. 20 (Ad muros et saxa in ditione Ning-kouo-fou); paratype USNM 472213 Choué-tong.

infracinctus, Conulus: 1885, MHNC 1 (3): 105, pl. 27, fig. 8 (Tchen-k'eou).

ingloria, Helix: 1890, MHNC 1 (4): 145, pl. 38, fig. 16 (Si-lin, Kouang-si).

ingloriosa, Corbicula: 1880, CFN, pt. 10, pl. 4, fig. 19 (La rivière de Kien-p'ing-hien); paratypes USNM 472453 and MCZ 167289.

initialis, Helix: 1882, MHNC 1 (2): 31, pl. 15, fig. 3 (Inveni solummodo ad radicem turris pagodicae juncta civitatem Tong-lieou, Ngan-houé); paratype USNM 472154.

innominata, Helix: 1885, MHNC 1 (3): 108, pl. 28, fig. 7 (Utraque species ad rupes Kin-cha kiang invenitur); paratypes USNM 472147 and MCZ 167142 both Koué-tch [eou]-fou.

insperatus, Unio pfisteri var.: 1877, CFN, pt. 2, pl. 14, fig. 28 (Ning-kouo-fou, et rivière Siang dans le Hou-nan).

insularis, Clausilia: 1882, MHNC 1 (2): 70, pl. 18, fig. 12 (Circa civitatem Tchen-kiang in insulis Tsio-chan (Silver Island) et Kin-chan (Gold Island) dictis); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 103, pl. 10, fig. 25, NMS 42369a; paratypes USNM 472252 and MCZ 167082 former locality.

intemerata, Anodon: 1885, CFN, pt. 9, pl. 67, fig. 130 (Les eaux de versant méridional de Koué-tcheou).

intermedia, Diplommatina: 1890, MHNC 1 (4): 131, pl. 36, figs. 22, 22a (Tchen-k'eou); paratypes MCZ 167031.

inversa, Clausilia: 1886, Jour. de Conch. 34: 296 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 154, pl. 35, figs. 6, 6a; paratypes USNM 472259 and MCZ 167080.

invia, Helix: MHNC 1 (3): 111, pl. 30, fig. 4 (Tchen-k'eou); paratype USNM 472167.

iodina, Corbicula: 1880, CFN, pt. 10, pl. 8, fig. 46 (La Houai moyenne); paratype MCZ 167268.

iridinea, Corbicula: 1880, CFN, pt. 10, pl. 7, fig. 39 (Un torrent du district de Ts'ing-yang); paratypes USNM 472494 and MCZ 154849 presented to Morelet by Heude from E. W. Roper coll'n ex Boston Soc. Nat. Hist.

iridineus, Mycetopus: 1874, Jour. de Conch. 22: 117 (Rivières de Tai-ping-fou et de Fou-tcheou-fou); 1875, CFN, pt. 1 pl. 8, fig. 19; 1885, Ibid., pl. 72, fig. 19; paratype MCZ 167108; idiotypes USNM 472445, Kien-p'ing-hien and 126494, Ngan-houé, Morelet coll'n.

iridineus var. b., Mycetopus: 1885, CFN, pt. 9, pl. 72, fig. 137b (no locality).

irregularis, Anodon: 1879, CFN, pt. 5, pl. 27, fig. 73 (Les fosses du district de Tong-lieou); paratype USNM 422420.

jacquetiana, Melania: 1890, MHNC 1 (4): 163, pl. 41, figs. 7, 8, 8a, 9, et pl. 43, fig. 5 (in rivulis Ning-kouo-hien, Ngan-houé); paratypes USNM 471932 and MCZ 167324 Kouang-té-tcheou, Ngan-houé.

janseniana, Clausilia: 1885, MHNC 1 (3): 122, pl. 31, fig. 16 (In insula Pou-t'ou).

joreti, Anodon: 1878, CFN, pt. 4, pl. 29, fig. 62 (Les fosses à rizières des vallées du Kien-té sud, Ngan-houé); paratypes USNM 126454 Morelet coll'n and 472425.

joretiana, Melania: 1890, MHNC 1 (4): 166, pl. 41, fig. 20 (in torrentibus altioribus districtus Ho-chan, Ngan-houé ad 800 mètres altitude); paratypes USNM 471934 and MCZ 167336.

keratina, Helix: 1889, Jour. de Conch. 37: 227 (no locality).

labrosa, Clausilia: 1886, Jour. de Conch. 34: 299 (Tchen-k'eou, Se-tchouan); is Clausilia indurata Heude, teste Heude, MHNC 1 (4): 156.

laciniata, Helix: 1882, MHNC 1 (2): 24, pl. 14, fig. 10 (In montosis per totum Yang-tzé fluminis ambitum usque in Hou-pé, sat frequens ad colles circa Chang-hai; les collines de Song-kiang, à l'embouchure du Fleuve Bleu jusque vers le milieu de la Hou-pé: 1200 mètres); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 146, pl. 15, fig. 3, NMS 8891.

laciniatum, Myxostoma: 1885, MHNC 1 (3): 92, pl. 23, figs. 8, 8a, 8b (Tchen-k'eou [2 specimens]); paratypes USNM 472322 and MCZ 167174.

laciniosa, Helix: 1885, MHNC 1 (3): 107, pl. 29, figs. 9, 9a (Ou-yuan, et ad rupes calcarios Tong-lieou). Non H. laciniosa Lowe 1852, changed to Helix laciniosula Heude, 1885, Jour. de Conch. 33: 43.

laciniosula, Helix: 1885, Jour. de Conch. 33: 43. New name for Helix laciniosa Heude, non Lowe 1852.

languescens, Helix: 1890, MHNC 1 (4): 138, pl. 37, fig. 9 (Tchen-k'eou).

languilati, Unio: 1874, Jour. de Conch. 22: 116 (rivières de Nanking, dans les eaux profondes); 1875, CFN, pt. 1, pl. 7, fig. 17; paratypes USNM 126426 Morelet coll'n.

lapicida, Corbicula: 1880, CFN, pt. 10, pl. 5, fig. 30 (deux rivières qui sortent de la chaîne s'etendant le long du Fleuve Bleu, de Tong-lieou à P'eng-tse); paratypes MCZ 154837 presented to Morelet by Heude from E. W Roper coll'n.ex Boston Soc. Nat. Hist. and MCZ 167269 Kien-té-hien; idiotype USNM 472496 Kien-té-hien.

lapidea, Paludina: 1889, Jour. de Conch. 37: 49 (frequentissima in parte superiore fluvii montani, in districtu Kient-té, Ngan-houé); 1890, MHNC 1 (4): 175, pl. 40, figs. 2, 2a; paratypes USNM 471885 and MCZ 167308.

lapillina, Stenogyra: 1882, MHNC 1 (2): 58, pl. 17, fig. 22 (Ad colles Song-kiang fou); paratype USNM 472210.

lapillorum, Paludina: 1890, MHNC 1 (4): 177, pl. 40, figs. 11, 11a (torrent de Ning-kouo-hien parmi les galets).

largilierti, var. a., Corbicula: 1880, CFN, pt. 10, pl. 1, fig. 1a (le grand lac Hong-tse [Kiangsu]); 1 specimen USNM 472491 from the type locality, but not labeled "var. a."

larvula, Pupa [Ennea]: 1882, MHNC 1 (2): 75, pl. 18, fig. 23 (Ad saxa calcaria humida in montosis Ning-kouo-fou et Tché-tcheou fou); paratypes MCZ 167049 Ning-kouo-fou.

larvatus, Buliminidius: 1890, MHNC 1 (4): 146, pl. 35, figs. 22, 22a (Ta-li fou loco dicto Che-tcho tze); paratype MCZ 167147.

latrunculorum, Helix: 1885, MHNC 1 (3): 106, pl. 27, fig. 17 (Tchen-K'eou); paratype USNM 472151.

leai, var. a., Unio: 1875, CFN, pt. 1, pl. 4, fig. 10 [Nanking].

leai, var. b., Unio: 1875, CFN, pt. 1, pl. 6, fig. 15 [Nanking].

leai, var. c., Unio: 1875, CFN, pt. 1, pl. 6, fig. 16 [Nanking].

leiostoma, Clausilia decurtata: 1890, MHNC 1 (4): 153, pl. 34, fig. 7 (no locality).

leleci, Unio: 1875, CFN, pt. 1, pl. 4, fig. 12 [Nanking]; paratype NMS 5190.

leleci, var., Unio: 1875, CFN, pt. 1, pl. 5, fig. 14 (Les rivières de la région montagneuse; manque à l'est de la province [Kiangsu]).

leleciana, Corbicula: 1880, CFN, pt. 10, pl. 2, fig. 10 (La rivière de Nanking); paratypes USNM 472492 and MCZ 167272.

lemonieriana, Vaginula: 1890, MHNC 1 (4): 133, pl. 36, figs. 26, 26a, 26b (l'île de Hong-kong).

leonina, Rathouisia: 1885, MHNC 1 (3): 100. New name for Vaginulus sinensis Heude. No reason given for the change of the name. See under: sinensis, Vaginulus.

lepidospira, Clausilia: 1889, Jour. de Conch. 37: 42 (Hou-pé meridionali); 1890, MHNC 1 (4): 158, pl. 35, fig. 4; paratypes USNM 472266 and MCZ 167072, both Pa-tong, Hou-pé.

lepidostola, Helix: 1882, MHNC 1 (2): pl. 44, pl. 16, figs. 10, 10a (In saxosis Kiun-tcheou, hou-pé); idiotypes USNM 472165 and MCZ 167217, both chaîne de Tchen-k'eou.

leprosa, Helix: 1885, MHNC 1 (3): 106, pl. 27, fig. 15 (Tchen-k'eou). Non H. leprosa Shuttleworth 1852, changed to Helix leprosula Heude, 1886, Jour. de Conch. 33: 43.

leprosa, Melania: 1888, Jour. de Conch. 36: 306 (in rivulo Ta-kouan ho); 1890, MHNC 1 (4): 165, pl. 41, fig. 16; paratypes USNM 471918 and 167330.

leprosula, Helix: 1885, Jour. de Conch. 33: 43. New name for Helix leprosa Heude, non Shuttleworth 1852.

leucospira, Clausilia: 1882, MHNC 1 (2): 69, pl. 18, fig. 10 (Ad rupes calcarios Su-kai chan infra Nanking); paratypes USNM 472250 and MCZ 167083 both Long-tan near Nanking.

leucostoma, Paludina: 1890, MHNC 1 (4): 174, pl. 39, fig. 13 (Pak-hoi, Kouang-tong); paratype MCZ 167344.

limosa, Anodon : 1880, CFN, pt. 6, pl. 43, fig. 83 (Les eaux profondes du district de Ou-kiang, Kiang-sou).

lineata, Anodon: 1879, CFN, pt. 4, pl. 36, fig. 71 (Ou-yuen-hien); paratypes USNM 472441 and 126446 Morelet coll'n. and MCZ 167247.

lithina, Helix: 1885, Jour. de Conch. 33: 43. New name for Helix calculus, non Lowe 1854.

lithophaga, Paludina: 1889, Jour. de Conch. 37: 49 (valde communis in aquis montanis Kouang-té tcheou et Ning-kouo-fou); 1890, MHNC 1 (4): 177, pl. 40, figs. 13, 13a; paratypes USNM 471887 Ning-kouo-fou and MCZ 167313.

livida, Anodon: 1880, CFN, pt. 6, pl. 43, fig. 84 (Lac Mé-kong, district de Tong-ling); paratype USNM 472437.

loliaceus, Buliminus: 1890, MHNC 1 (4): 150 (Tchen-k'eou).

loloensis, Clausilia: 1890, MHNC 1 (4): 161, pl. 38, fig. 31 (Ta-li fou).

loloensis, Cyclophorus: 1886, Jour. de Conch. 34: 209 [as soloensis]; (In ditione Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 125, pl. 36, figs. 7, 7a; paratypes USNM 472313 and MCZ 167213.

longiscata, Hemibia: 1890, MHNC 1 (4): 169, pl. 33, fig. 20 (lac T'ong-t'ing dans la bouche supérieure du lac, en face de la ville de Kin-tcheou-fou); paratypes USNM 471907 and MCZ 167024. The latter may be the figured specimen.

longispina, Clausilia: 1885, MHNC 1 (3): 121, pl. 31, fig. 12 (Tchen-k'eou); paratypes USNM 472242 and MCZ 167073.

longispira, Paludina: 1889, Jour. de Conch. 37: 47 (in fossis et agris planitiei Tchen-tou, Se-tchouan occidentalis); 1890, MHNC 1 (4): 174, pl. 38, fig. 5; paratypes USNM 471889 and MCZ 167341.

lucida, Anodon: 1877, CFN, pt. 3, pl. 20, fig. 43 (des petits ruisseaux qui tombent des rizières, dans les bassins des rivières Siang et Lo, Hou-nan).

lucidula, Stenogyra: 1882, MHNC 1 (2): 58, pl. 17, fig. 23 (Ad muros civitatis Ning-kouo-fou [one specimen]).

lunatica, Clausilia: 1888, Jour. de Conch. 36: 235 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 154, pl. 34, figs. 4, 4a; paratypes USNM 472258 and MCZ 167071.

luteola, Hemibia: 1890, MHNC 1 (4): 169, pl. 33, fig. 18 (les roseaux des bords du Yang-tzé près Tchen-kiang fou, rive droite); paratypes USNM 471906 and MCZ 167025.

magnaciana, Clausilia: 1882, MHNC 1 (2): 66, pl. 20, fig. 27 (In montibus K'iu hien, Se-tchouan) [12 specimens]); paratypes USNM 472238 and MCZ 167074.

magnaciana, Helix: 1882, MHNC 1 (2): 40, pl. 20, fig. 13 (In montibus K'iu-hien, Se-tchouan orientalis); paratype USNM 472136.

magnaciana, Helix: 1885, MHNC 1 (3): 111, pl. 28, fig. 12 (des bords du Kin-cha kiang; semble l'espece dominante dans la plaine de Tchen-tou).

magnaciana, Paludina: 1889, Jour. de Conch. 37: 48 (in Valle Tchong-k'ing, Se-tchouan orientalis); 1890, MHNC 1 (4): 177, pl. 40, fig. 8 (In flumine K'iu, in Yang-tzé prope Tchong-k'ing influente); paratypes MCZ 167345.

magnaciana, Succinea: 1882, MHNC 1 (2): 81, pl. 21, fig. 2 (E districtu K'iu-hien [Se-tchouan]); paratype fig. by Yen, 1939, Ab. Senck. Nat. Ges. 444: 72, pl. 6, fig. 20, NMS 10595; paratype USNM 472278.

magnacianella, Clausilia: 1882, MHNC 1 (2): 67, pl. 20, fig. 28 (In montosis K'iu-hien, Se-tchouan [6 specimens]); paratypes USNM 472240 and MCZ 167077.

mamillaris, Hyalina: 1882, MHNC 1 (2): 15, pl. 19, fig. 6 (Hou-nan meridionali).

margaritacea, Clausilia: 1886, Jour. de Conch. 34: 297 (Tchen-k'eou, Se-tchouan). Is a synonym of C. franciscana, Möllendorff teste Heude, 1889, Jour. de Conch. 37: 44; paratypes MCZ 167084.

martensianus, var. b., Cyclophorus: 1882, MHNC 1 (2): 1 (vallée du Fleuve Bleu).

mediastinus, Cyclophorus: 1885, MHNC 1 (3): 91, pl. 25, fig. 2 (Ad ripas Kin-cha kiang; Koué-tcheou fou ad Ta-kouan tchen); paratypes USNM 472315 and MCZ 167235.

mediastinus, Unio: 1883, CFN, pt. 8, pl. 63, fig. 123 (La rivière de Lu-tcheou fou avant son entrée dans le lac Tch'ao; celle de Kien-p'ing hien, Ngan-houé); paratype USNM 472403 Lu-tcheou fou.

melano-chlorea, Anodon: 1879, CFN, pt. 5, pl. 38, fig. 74 (Les mares au milieu des coteaux riverains du Fleuve Bleu, district de Tong-lieou); paratype USNM 472430.

meleagrinus, Buliminus: 1890, MHNC 1 (4): 149, pl. 38, fig. 23 (Tchen-k'eou); paratype USNM 472198.

mellita, Helix: 1886, Jour. de Conch. 34: 213 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 136, pl. 37, fig. 19.

mellitula, Helix: 1886, Jour. de Conch. 34: 214 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 136 [not figured]); paratype USNM 472174.

mensalis, Helix: 1888, Jour. de Conch. 36: 239 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 139, pl. 36, fig. 1 (Che-tcho tze, juxta Ta-li fou).

meroniana, Clausilia: 1888, Jour. de Conch. 36: 236 (Vallée du Yu-ho, Chensi septentrional); 1890, MHNC 1 (4): 157, pl. 34, fig. 18; paratypes USNM 472260 and MCZ 167076.

meronianus, Buliminus: 1890, MHNC 1 (4): 149, pl. 38, fig. 24 (Chen-si boreali); paratype USNM 472198.

Mesostoma: Genus, 1886, Jour. de Conch. 34: 211. Type: Mesostoma destructa Heude, original designation.

micacea, Helix: 1882, MHNC 1 (2): 37, pl. 16, fig. 2 (la chaîne calcaire qui court le long de la rive droite, en face de Ngan-k'ing à la grotte appelèe Se-hing); paratype USNM 472170.

microgyra, Nanina: 1882, MHNC 1 (2): 13, pl. 13, fig. 10 (In collibus calcariis sat frequens); paratype USNM 472105 Ning-kouo-fou.

microstictus, Unio: 1877, CFN, pt. 2, pl. 12, fig. 24 (La rivière Siang); paratypes USNM 126478 [River Siang] Hun-nan Morelet coll'n. and 472373.

miles, Helicarion: 1890, MHNC 1 (4): 134, pl. 37, fig. 29 (Hé-chan men et Che-tcho tze in ditione Ta-li fou); paratype USNM 472089 Lankong.

mimicula, Helix: 1888, Jour. de Conch. 36: 239 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 140, pl. 38, fig. 17.

mingorum, Anodon: 1879, CFN, pt. 5, pl. 40, fig. 76 (des environs de la ville de Nang-king).

minuscula, Diplommatina: 1890, MHNC 1 (4): 131, pl. 36, fig. 20 (Tchen-k'eou); paratypes MCZ 167032.

minuta, Anodon: 1880, CFN, pt. 6, pl. 44, fig. 86 (Un fossé près de la ville de Lieou-ngan-tcheou).

minutus, Buliminus: 1882, MHNC 1 (2): 49, pl. 17, fig. 15 (in collibus circa Chang-hai et in insulis Magni Laci). Non B. minutus Semper 1874, changed to Buliminus misellus Heude, 1884, Jour. de Conch. 32: 19; paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 78, pl. 7, fig. 8, NMS 40393; paratype USNM 472181 Yong-tcheou fou.

misellus, Buliminus: 1884, Jour. de Conch. 32: 19. New name for Buliminus minutus Heude, non Semper 1874.

mitis, Elma: 1890, MHNC 1 (4): 152, pl. 36, fig. 16 (Tchen-k'eou).

modestus, Unio: 1877, CFN, pt. 2, pl. 14, fig. 29 (Abonde dans la partie supérieure du torrent de Ning-kouo-hien, Ngan-houé). Non U. modestus 'Charpentier' Küster 1856, changed to Unio simpularius Heude, Jour. de Conch. 32: 20; paratype USNM 472401.

mola, Helix: 1885, MHNC 1 (3): 110, pl. 29, fig. 5 (Ta-kouan tchen); paratype MCZ 167232.

molina, Helix: 1890, MHNC 1 (4): 138, pl. 37, fig. 18 (Pa-tong [1 specimen]).

möllendorffiana, Clausilia: 1882, MHNC 1 (2): 60, pl. 17, figs. 31, 31a, 31b (In montosis calcariis ditionis Ning-kouo-fou et Kouang-té tcheou; datur etiam in ditione Tché-tcheou fou altitudine 1000 mètres; montagne des Neuf-Fleurs, ou Kieou houa chan); paratypes USNM 472228 and MCZ 167075 both Kouang-té-tcheou.

monadicula, Pupa: 1890, MHNC 1 (4): pl. 35, fig. 24 (Tchen-k'eou).

monadicus, Alycaeus: 1890, MHNC 1 (4): 130, pl. 36, fig. 14 (In montosis Tchen-k'eou); paratype MCZ 167208.

monas, Pupa: 1882, MHNC 1 (2): 78, pl. 18, fig. 18 (Ad parietes lapideos et saxa in montosis Ning-kouo fou); paratype USNM 472221.

montana, Corbicula: 1880, CFN, pt. 10, pl. 5, fig. 26 (Les minces filets d'eau qui descendent de la chaîne des collines qui sépare les lacs du T'ai-p'ing fou); paratypes USNM 472493 and MCZ 167288.

montanus, Unio: 1875, CFN, pt. 1, pl. 4, fig. 11 (Coquille médiocre des torrents, Kien-tchang-fou, Kiang-si). Non U. montanus Rafinesque 1820, non Philippi 1869, changed to Unio monticola Heude, 1884, Jour. de Conch. 32, p. 19; paratype NMS 5192.

monticola, Unio: 1884, Jour. de Conch. 32, p. 19. New name for Unio montanus Heude, non Rafinesque 1820, non Philippi 1869.

moreletiana, Helix: 1882, MHNC 1 (2): 38, pl. 16, fig. 1 (In saxosis calcariis nemourm in ditionibus Ning-kouo fou et Kouang-té-tcheou, Ngan-houé), idiotype USNM 472108 Tchen-k'eou.

moreletianus, Unio: 1883, CFN, pt. 8, pl. 60, fig. 117 (La rivière de Kouang-té-tcheou); paratypes USNM 472376 and MCZ 167115.

moutoniana, Melania: 1890, MHNC 1 (4): 164, pl. 41, fig. 15 (in rivo Kouang-té-tcheou, Ngan-houé); paratypes USNM 471920 and MCZ 167330.

muciferus, Alycaeus: 1885, MHNC 1 (3): 96, pl. 24, figs. 1, 1a (Tchen-k'eou); paratypes USNM 472340 and MCZ 167230.

murata, Helix: 1885, MHNC 1 (3): 112, pl. 30, fig. 1 (Tchen-k'eou).

murinus, Unio: 1883, CFN, pt. 8, pl. 62, fig. 121 (Le grand torrent du Kien-té sud, vers ses sources); paratype USNM 472405.

muticus, Unio contortus, var. a.: 1877, CFN, pt. 2, pl. 15, fig. 32 (Rivière Siang); paratype USNM 472400.

myxostoma, Myxostoma: 1885, MHNC 1 (3): 91, pl. 23, figs. 6, 6a, 6b (les calcaires qui bordent le Fleuve Bleu au dessus de Kieou-kiang).

naiadarum, Melania: 1890, MHNC 1 (4): 163, pl. 41, fig. 18 (in spelunca dicta Se-hing, districtus Tong-lieou); paratypes USNM 471921 and MCZ 167334.

nankingensis, Clausilia: 1882, MHNC 1 (2): 72, pl. 17, fig. 14 (Ad montes calcarios in loco dicto Long-t'an inter Nanking et Tchen-kiang); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 103, pl. 10, fig. 24, NMS 42368; paratypes USNM 472246 and MCZ 167064.

nankingensis, Cyclophorus: 1882, MHNC 1 (2): 2, pl. 12, fig. 2 (circa Ou-si, Nanking; près de la ville de Ou-si, sur les ruines des pagodes, et aux environs de Nan-king, sur les falaises calcaires qui bordent le petit bras du Fleuve à Hai-kouan); paratypes USNM 472306 Nanking and MCZ 167214 and 167200 Ou-si.

nankingensis, Monocondylea: 1874, Jour. de Conch. 22: 116 (Rivière de Nanking); 1875, CFN, pt. 1, pl. 4, fig. 9; paratypes USNM 126447 Morelet coll'n. and MCZ 167240.

nankingensis, Stenogyra: 1882, MHNC 1 (2): 57, pl. 17, fig. 24 (Ad colles infra Nanking); paratype USNM 472208 Hia [Hang] tcheou.

nautarum, Helix: 1882, MHNC 1 (2): 37, pl. 15, figs. 10, 10a (In collibus calcariis ad latus sinistrum fluminis Yang-tzé circa civitatam Houang-tcheou fou), paratypes USNM 472166 and MCZ 167120.

navicella, Anodon: 1880, CFN, pt. 6, pl. 42, fig. 81 (Marais du district de Tc'hao, Ngan-houé).

neglectus, Alycaeus: 1885, MHNC 1 (3): 96, pl. 24, fig. 4 (ad rupestres colles civitatis Kien-té, Ngan-houé); paratypes USNM 472336 and MCT 167222 both Tong-lieou.

ngankingensis, Cyclophorus: 1882, MHNC 1 (2): 3, pl. 12, fig. 6 (Ad strata dolomiana in districtibus Ts-ien-chan et Houai-ning, Ngan-houé, et in toto tractu infra Houang-tcheou fou, Hou-pé. On le trouve sur les strates de dolomie qui entrecoupent cà et là les masses granitoides du massif de Ho-chan hien et Ts'ien-chan hien à une assez grande altitude. On le trouve à l'ouest de la ville de Ngan-k'ing, et le long de la rive gauche jusqu'a Houang-tcheou fou, dans le Hou-pé variete entièrement inclolore... sur le rocher appelé P'eng-tze ki dans le Fleuve Bleu à l'embouchure de la rivière de Fan-tchang hien); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 20, pl. 1, fig. 37, NMS 39315.

nigricans, Anodon: 1877, CFN, pt. 3, pl. 19, fig. 41 (Les ruisseauz et les fosses d'eau vive des environs de Heng-tch'eou-fou, Hou-nan); idiotype USNM 126446 Long-ting Morelet coll'n.

nivea, Realia: 1882, MHNC 1 (2): 9, pl. 19, fig. 4 (australem partem Hou-nan).

obsesus, Buliminus: 1882, MHNC 1 (2): 51, pl. 17, fig. 7 (Circa Nanking, et supra circa Fan-tchang hien); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 78, pl. 7, fig. 2, NMS 40384, paratype USNM 472183.

obstructa, Helix: 1882, MHNC 1 (2): 46, pl. 17, fig. 4 (In collibus calcariis civitatis Cheou-tcheou ad ripam fluminis Houai); paratypes USNM 472137 and MCZ 167204. Non H. obstructa Fér. 1821, is H. huaiensis Crosse 1882.

obtruncata, Corbicula: 1880, CFN, pt. 10, pl. 1, fig. 2 (La rivière de Ning-kouo-fou); paratypes MCZ 154842 presented to Morelet by Heude from E. W. Roper coll'n. ex Boston Soc. Nat. Hist. and 167285; idiotype USNM 472460 Si-kia-fou.

obturata, Anodon: 1881, CFN, pt. 7, pl. 54, fig. 100 (Fosses, dans la région des montagnes du district de Suen-tchen).

obtusa, Anodon: 1880, CFN, pt. 6, pl. 42, fig. 80 (Lac Pai, district de Ouang-kiang, Ngan-houe). Non Spix 1827, changed to Anodonta retusa Heude, 1884, Jour. de Conch. 32: 20.

occidentalis, Dipsas: 1885, CFN, pt. 9, pl. 66, fig. 129 (Les rizières et fosses de la plaine du Se-tchouan occidental).

occidentalis, Streptaxis: 1885, MHNC 1 (3): 118, pl. 30, fig. 23 (In ditione Fong-siang ad ripam Fluminis); paratype MCZ 167041.

oleivorus, Mycetopus: 1877, CFN, pt. 3, pl. 22, fig. 46; pl. 23, fig. 48 [young specimen] (La Hoai supèrieure, dèpartment de Ing-tch'eou); paratypes USNM 472446 and MCZ 167110; idiotypes USNM 126437 labeled Ngan-houè Morelet coll'n. and BMNH 99.4.22.69.

onychinus, Buliminus: 1885, MHNC 1 (3): 114, pl. 30, fig. 5 (Tchen-k'eou); paratype USNM 472192.

orbicularis, Anodon: 1880, CFN, pt. 6, pl. 42, fig. 82 (Lac de Ma-tang, district de Peng-tse, Kiang-si, au bord du Fleuve Bleu).

oreadarum, Melania: 1888, Jour. de Conch. 36: 307 (in spelunca dicta Se-hing, districtus Tong-lieou).

oreadarum, Melania: 1890, MHNC 1 (4): 163, pl. 41, fig. 18 (in rivulis montium in lacubus dictis Nan-hou districtus Kien-p'ing, Ngan-houé); paratypes USNM 471933 and MCZ 167012. Non M. oreadarum Heude 1888, changed to Hua heurdi Chen, 1943, Nautilus 57: 21.

orientalis, Streptaxis: 1885, MHNC 1 (3): 118, pl. 30, fig. 22 (in montosis calcariis Ou-yuan).

orphana, Helix: 1882, MHNC 1 (2): 21, pl. 13, fig. 18 (Sub foliis deciduis bambusetorum circa Chang-hai); paratypes USNM 472128 and MCZ 167210 both Tou-chan-ouan.

orphanuli, Clausilia: 1882, MHNC 1 (2): 70, pl. 18, fig. 11 (Valde copiosa ad saxum insulare Siao-kou chan dictum in medio fluminis infra Kieou-kiang; et ad colles juxta pagum Ts'ong-yang, infra Ngan-k'ing; elle n'est pas commune au dessous de l'embouchure du P'o-yang, bien qu'elle soit fort abondante aux deux localités du Petit-orphelin et de Ts'ong-yang); paratype figured by Yen 1939, Ab. Senck. Nat. Ges. 444: 103, pl. 10, fig. 23, NMS 42367a; paratypes USNM 472256 and MCZ 167065 both Ts'ong-yang, below Ngan-k'ing.

orthocheilis, Helix: 1886, Jour. de Conch. 34: 214 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 137, pl. 37, fig. 14; paratypes USNM 472176 and MCZ 167182.

ostreola, Helicina: 1889, Jour. de Conch. 37: 227 (no locality); 1890, MHNC 1 (4): 132, pl. 38, fig. 12 (Partem borealem Kouang-si).

ovum, Paludina: 1890, MHNC 1 (4): 179, pl. 41, fig. 1 (Je présume au'elles vinnent de rivières se seversant dans la lac T'ong-t'ing).

oxytropoides, Paludina: 1889, Jour. de Conch. 37: 48 (in lacu prope Tchao-tong, Yun-nan); 1890, MHNC 1 (4): 176, pl. 40, figs. 3, 3a; paratypes MCZ 167343.

pachyodon, Clausilia: 1884, Jour. de Conch. 32: 19. New name for Clausilia pachystoma Heude, non 'Küster' Pfeiffer 1848. This is a synonym, since the species was renamed by Möllendorff, 1882, Jahrbucher Deutch. Malak. Ges. 9: 202, Clausilia heudeana.

pachystoma, Clausilia: 1882, MHNC 1 (2): 61, pl. 18, fig. 1 (In insulis [T'ai-hou] Magni Laci, et satis frequens in montibus calcariis dolomiticis circa Ngan-k'ing; la pagode de Ts'ong-yan , un peu en aval de Ngan-h'ing). Non 'Küster' Pfeiffer 1848, changed to Clausilia heudeana Möllendorff, 1882, Jahrbucher Deutsch. Malak. Ges. 9: 202. Heude, unaware of Möllendorff's renaming proposed the name Clausilia pachyodon, 1884, Jour. de Conch. 32: 19; paratypes USNM 472232 and MCZ 167068.

pacifica, Anodon: 1878, CFN, pt. 4, pl. 32, fig. 66 [65 on pl.] (La rivière de Ning-kouo-fou, Ngan-houé); paratypes USNM 472421 and 126513 Morelet coll'n.

pacificans, Melania: 1888, Jour. de Conch. 36: 305 (in amne districtûs Ning-kouo, Ngan-houé et in rivulo pagi dicti Tchang-tchou, vernacule Tsang-kiu, districtus Yi-hing, kiang-sou); 1890, MHNC 1 (4): 164, pl. 41, figs. 22, 22a; paratypes USNM 471929 and MCZ 167011 both Ning-kouo-fou.

pagnucciana, Clausilia: 1888, Jour. de Conch. 36: 237 (Vallé du Yu-ho, Chensi septentional); 1890, MHNC 1 (4): 159, pl. 35, fig. 7; paratype MCZ 167067.

pallens, Buliminus: 1882, MHNC 1 (2): 52, pl. 17, fig. 16 (In collibus calcariis ad ripas Magni Lacus frequens). Non B. pallens Jonas 1843, changed to Buliminus cylindroides Heude, 1884, Jour. de Conch. 32: 19.

pallens, Cyclophorus: 1882, MHNC 1 (2): 2, pl. 12, fig. 3 (Ad colles calcarios circa Ou-tchang-hien, Hou-pé; justa civitatem Sou-tcheou ad collem Hou-kieou dictam; sur les coteaux calcaries qui bordent le Yang-tzé entre Kieou-kiang et Ou-tchang hien. Il abonde parmi les ruines de l'ancien jardin de la pagode de Hou-kieou, près de Sou-tcheou); paratypes USNM 472307 and MCZ 167179 Sou-tcheou.

palus, Stenogyra: 1890, MHNC 1 (4): 151, pl. 38, fig. 25 (Kouang-si).

pantherina, Rathouisia: 1890, MHNC 1 (4): 133, pl. 36, figs. 23, 23a (des calcaires de Tchen-k'eou).

papyracea, Corbicula: 1880, CFN, pt. 10, pl. 6, fig. 35 (Les petits ruisseaux des montagnes du Koué-tché-hien); paratypes USNM 472461 and MCZ 167301.

parasitica, Helix: 1885, MHNC 1 (3): 109, pl. 28, figs. 5, 5a (Circa civitatem Yi-tchang fou).

parasitarum, Helix: 1885, MHNC 1 (3): 109, pl. 28, figs. 6, 6a (Circa civitatem Yi-tchang fou); paratype USNM 472175.

parvulus, Dipsas: 1878, CFN, pt. 4, pl. 32, fig. 65 [64 on pl.] (Petitis ruisseaux souvent à sec, qui reçoivent les eaux des rizières, dans les vallons du Kien-té sud, Ngan-houé).

parvulus, Dipsas: 1881, CFN, pt. 7, pl. 52, fig. 96 (Les ruisseaux du Kien-té sud) non Dipsas parvulus Heude, 1878, CFN, pt. 4, pl. 32, fig. 65 [64 on pl.] teste Simpson, 1900, Proc. U. S. Nat. Mus. 22: 586 name changed to Crassitesta radiata; paratypes USNM 126487 Morelet coll'n. and 472444 and MCZ 167246.

paschalis, Unio: 1883, CFN, pt. 8, pl. 58, fig. 110 (Petits ruisseaux dans le Heng-tcheou fou, Hou-nan); paratype NMS 5191.

patriatiana, Vaginula: 1890, MHNC 1 (4): 133, pl. 36, figs. 27, 27a, 27b (Hong-kong).

patriatianus, Vaginulus: 1885, MHNC 1 (3): 99 (Hong-kong).

paulina, Vitrina (?): 1885, MHNC 1 (3): 100, pl. 25, fig. 10 (Tchen-k'eou).

pedisequae, Macrochlamys: 1886, Jour. de Conch. 34: 212 (Ta-li fou, Yun-nan, à la ligne de partage des bassins du Yang-tzé et du Mé-kong); 1890, MHNC 1 (4): 134, pl. 37, fig. 32 (Hé-chan men in regione Ta-li fou, Yun-nan, 3000 mètres altit. [2 specimens]).

pentagonus, Alycaeus: 1886, Jour. de Conch. 34: 211 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 129, pl. 36, fig. 18; paratypes MCZ 167215.

peraeruginosa, Helix: 1888, Jour. de Conch. 36: 238 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 142, pl. 35, fig. 27; paratype USNM 472119.

percussa, Helix: 1882, MHNC 1 (2): 39, pl. 16, fig. 4 (sur les rochers du système du mont Ou-tang, Hou-pé nord-ouest paratype USNM 472124.

peregrinorum, Melania: 1890, MHNC 1 (4): 164, pl. 41, fig. 14 (in rivulis Suen-tchen districtus, Ngan-houé); paratypes USNM 471931 Choue-tong, Ngan-houé and MCZ 167332 Ngan-houé.

permellita, Helix: 1886, Jour. de Conch. 34: 214 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 136, pl. 37, fig. 10; paratype MCZ 167168 He'chan-men, near Ta-li fou.

petasus sinensis, Conulus: 1885, MHNC 1 (3): 106, pl. 26, fig. 5 (des hauteurs de Tchen-k'eou); paratypes USNM 472092 and MCZ 167132.

pfisteri, Unio: 1874, Jour. de Conch. 22: 112 (Rivière de Nan-king); 1875, CFN, pt. 1, pl. 1, fig. 1; paratype USNM 126489.

phragmitum, Helix: 1882, MHNC 1 (2): 28, pl. 14, fig. 5 (Inter arundines in ditione media fluminis frequentissima; ad ripas Magni Lacus; les roseaux dans la portion moyenne du cours du Fleuve Bleu; les roseaux du Grand Lac).

phyllophaga, Helix: 1882, MHNC 1 (2): 45, pl. 17, fig. 2 (le long du Fleuve: près de Nanking, et quelques lieues au dessous de Ngan-k'ing, à la pagode de Ts'ong-yang).

phyllostoma, Clausilia: 1888, Jour. de Conch. 36: 236 (Tchen-k'eou, Se-tchouan [2 specimens]); 1890, MHNC 1 (4): 156, pl. 34, fig. 15.

pinchoniana, Helix: 1886, Jour. de Conch. 34: 213 (Tchen-tou-fou); 1890, MHNC 1 (4): 135, pl. 35, figs. 33, 33a; para-types USNM 472156 and MCZ 167190.

pinchonianus, Unio: 1883, CFN, pt. 8, pl. 63, fig. 125 (les canaux de la plaine elévée de Tch'eng-tou fou, Se-tchouan).

pictor, Vaginula: 1890, MHNC 1 (4): 133, pl. 36, figs. 25, 25a, 25b, 25c (Tchen-k'eou).

piscatorum, Anodon: 1878, CFN, pt. 4, pl. 26, fig. 56 (Commune dans les canaux herbeux, là où l'eau trouble de la marée n'arrive plus, Sous-préfecture de Kia-ting, Kiang-sou); paratype USNM 126531 Morelet coll'n.

pisciculus, Unio: 1874, Jour. de Conch. 22: 115 (La rivière de Ning-kouo-fou et au Kiang-si); 1875, CFN, pt. 1, pl. 2, figs. 6, 6a; paratype USNM 472413

planata, Hyalina: 1882, MHNC 1 (2): 15, pl. 19, fig. 9 (Hou-nan meridionali).

planorbulus, Alycaeus: 1885, MHNC 1 (3): 96, pl. 24, figs. 2, 2a, 2b, 2c (Tchen-k'eou); paratypes USNM 472342 and MCZ 167136.

planostriata, Clausilia: 1882, MHNC 1 (2): 73, pl. 18, fig. 15 (Circa templum pagi dicti Ts'ong-yang, infra Ngan-k'ing; au confluent du Yang-tzé et d'une autre rivière); paratypes USNM 472248 and MCZ 167069 both from the former locality.

planula, Hyalina: 1882, MHNC 1 (2): 14, pl. 13, fig. 6 (In civitate Ning-kouo-fou ad vetustos parietes detexit).

pluviatilis, Clausilia: 1882, MHNC 1 (2): 61, pl. 20, fig. 23 (In insula P'ou-t'o archipelagi Tcheou-chan [one specimen]).

polychromatica, Corbicula: 1880, CFN, pt. 10, pl. 5, fig. 29 (la rivière du district de Ts'ing-yang, qui débouche dans le Fleuve Bleu à Ta-t'ong, dans la partie de son cours qui draine le lac de Mé-kong); paratypes USNM 472452 Ts'ing-yang and MCZ 167263.

polysticto-scriptus, Unio: 1877, CFN, pt. 2, pl. 13, fig. 26 (no locality).

polystictus, Unio: 1877, CFN, pt. 2, letter press for pl. 12, fig. 25. New name for Unio affinis Heude, non Lea 1852.

polystictus, var., Unio: 1877, CFN, pt. 2, pl. 12, fig. 25 (Cet unio abonde dans la rivière Siang); paratypes NMS 3567 and USNM 126456 [River Siang] Hun-nan Morelet coll'n. and USNM 472367.

poma, Helicarion: 1885, MHNC 1 (3): 101, pl. 27, fig. 4 (Tchen-k'eou).

porcellanea, Corbicula: 1880, CFN, pt. 10, pl. 3, fig. 17 (La rivière de Ning-kouo-fou); paratypes USNM 472458 and MCZ 167277.

portentosa, Corbicula: 1880, CFN, pt. 10, pl. 5, fig. 31 (La rivière qui s'écoule au nord des collines du district de Kien-té, en drainant le lac de Tong-lieou); idiotype USNM 472455 San-li kiai.

portentosa, var. a., Corbicula: 1880, CFN, pt. 10, pl. 6, fig. 31a (La rivière qui s'écoule au nord ses collines du district de Kien-té, en drainant le lac de Tong-lieou); paratypes MCZ 167281.

portentosa, var. b., Corbicula: 1880, CFN, pt. 10, pl. 6, fig. 31b (La rivière qui en sens contraire traverse la partie sud su Kien-té, et varse jeter dans le lac P'oy-ang, a Jao-tcheou-fou)

praeterita, Corbicula: 1880, CFN, pt. 10, pl. 7, fig. 40 (Le lac P'o-yang); paratypes USNM 472467 and MCZ 167306.

presseplicata, Corbicula: 1880, CFN, pt. 10, pl. 7, fig. 42 (La rivière de San-ho, district de Ho-fé, avant son entrée dans le lac Tch'ao); paratypes USNM 472456 and MCZ 167304.

probatus, Funiculus: 1888, Jour. de Conch. 36: 241 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 147, pl. 35, fig. 20; paratype MCZ 167198.

pseudobuliminus, Helix: 1882, MHNC 1 (2): 48, pl. 17, figs. 29, 29a (Incerte, fosan in montibus laci Tch'ao); paratype MCZ 167127 Ou-yuan.

psilodonta, Clausilia: 1889, Jour. de Conch. 37: 42 (Hou-pé meridionali); 1890, MHNC 1 (4): 159, pl. 35, fig. 6; paratype MCZ 167056 Pa-tong, Hou-pé.

puberula, Helix: 1885, MHNC 1 (3): 114, pl. 29, fig. 12 (Tchen-k'eou).

puberosula, Helix: 1885, Jour. de Conch. 33: 43. New name for Helix pulverulenta, non Lowe 1861.

puerorum, Anodon: 1880, CFN, pt. 6, pl. 47, fig. 90 (Les fosses de la plaine de Tch'ao-hien sur les bords du Yang-tzė); paratype USNM 126509 Morelet coll'n.

pulchella, Anodon: 1881, CFN, pt. 7, pl. 55, fig. 101 (Le port de Ning-kouo-fou et les fosses des ramparts); paratype NMS 3676; idiotype USNM 472434 Hou-nan; 2 specimens USNM 126486 labeled as types but according to figure and description seem to be Anodon rivularis Heude.

pulchellula, Helix: 1882, MHNC 1 (2): 20, pl. 13, fig. 17 (Circa Chang-hai in planitie, infra lateres et lapides, et in montibus ditionis Ning-kouo-fou); paratypes USNM 472139 Zikawei and MCZ 167120 Zikawei, S. W. [Shanghai] Kiangsu.

pulex, Helicarion: 1890, MHNC 1 (4): 134, pl. 37, fig. 27 (Tai-p'ing tze, 2000 mètres altitude in regione Ta-li fou); paratype USNM 472087.

pulverulenta, Helix: 1885, MHNC 1 (3): 113, pl. 29, fig. 16 (Tchen-k'eou). Non H. pulverulenta Lowe 1861 changed to Helix puberosula Heude, 1885, Jour. de Conch. 33: 43; paratype USNM 472161.

pumila, Anodon: 1879, CFN, pt. 5, pl. 37, fig. 72 (Un petit ruisseau du district de Suen-tchen).

punctatulus, Cyclophorus: 1885, MHNC 1 (3): 90, pl. 25, figs. 1, 1a (Juxta Koué-tcheou fou, Se-tchouan orientalis et ad colles Ta-kouan tchen); paratypes USNM 472311 and MCZ 167158 both Yang-tzé and MCZ 167151.

pupatus, Buliminidius: 1890, MHNC 1 (4): 156, pl. 35, figs. 23, 23a (Ta-li fou loco dicto Che-tcho tze); paratype MCZ 167141.

pupinella, Diplommatina: 1885, MHNC 1 (3): 97, pl. 24, fig. 13 (Tchen-k'eou); paratypes USNM 472300 and MCZ 167030.

purificata, Paludina: 1890, MHNC 1 (4): 176, pl. 40, figs. 4, 4a (la rivière Siang, dans le Hou-nan meridional).

pyra, Diplommatina: 1885, MHNC 1 (3): 98, pl. 24, fig. 14 (Tchen-k'eou); paratype MCZ 167219.

pyramis, Conulus: 1885, MHNC 1 (3); 105, pl. 27, fig. 9 (Tchen-k'eou); paratype USNM 472091.

quadrangulosus, Unio: 1881, CFN, pt. 7, pl. 56, fig. 104 (Torrents du Ning-kouo-hien); paratype USNM 472361.

quaternarius, Buliminopsis: 1890, MHNC 1 (4): 147, pl. 37, fig. 24 (Trouvée subfossile dans le loess supérieur de la vallée du Yu-ho); paratypes USNM 472203 and MCZ 167148 both Chen-si Nord.

radulella, Helix: 1885, MHNC 1 (3): 113, pl. 29, fig. 17 (Ta-li fou); paratype USNM 472173.

radulina, Helix: 1888, Jour. de Conch. 36: 239 (Ta-li fou, Yun-nan, altitude 3000 mètres); 1890, MHNC 1 (4): 140, pl. 36, fig. 2; paratype USNM 472173.

Rathouisia: Genus, 1883, Jour. de Conch. 31: 394. Type species: Vaginulus sinensis Heude, original designation.

rathouisiana, Clausilia: 1882, MHNC 1 (2): 65, pl. 18, fig. 5 (Ad colles in ditione Ning-kouo-fou); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 101, pl. 10, fig. 10, NMS 42854; paratypes USNM 472230 and MCZ 167058 both Choué-tong.

rathouisiana, Corbicula: 1880, CFN, pt. 10, pl. 4, fig. 22 (Le torrent de Ning-kouo-fou); paratypes USNM 472462 and MCZ 167264.

rathouisianus, Alycaeus: 1882, MHNC 1 (2): 7, pl. 12, figs. 12, 12a (E collibus juxta civitatem Song-kiang, Kiang-sou, ad montes districtus Tong-lieou, sed non ubique; assez commune près de Chang-hai, sur les collines. Elle remonte la rive droite à ma connaissance jusqu'en face de la ville de Ngan-k'ing, dans les calcaires de Tong-lieou); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 30, pl. 2, fig. 36, NMS 39243a; paratypes USNM 472338 and MCZ 167143 both Ts'ing-p'ou.

Rathouisidae: Family, 1885, MHNC 1 (3): 99. Type genus: Rathouisia Heude, original designation.

rathouisii, Hyalina: 1882, MHNC 1 (2): 14, pl. 20, figs. 31, 31a (Inter bambuseta umbrosa in horto Zikaveiensi [Zikawei, Shanghai]; Yang-tcheou fou); paratype USNM 472095 Ning-kouo-fou.

ravidula, Helix: 1882, MHNC 1 (2): 27, pl. 20, fig. 12 (Ta-tsien lou, ad radices meridionalis Himalaya); paratypes USNM 472111 and MCZ 167203.

rebellis, Helix: 1885, MHNC 1 (3): 113, pl. 29, fig. 15 (Tchen-k'eou); paratypes USNM 472163 and MCZ 167135.

recognitus, Mycetopus: 1877, CFN, pt. 3, pl. 22, fig. 47 (La Hoai supérieure, département de Ing-tch'eou).

renaltiana, Helix: 1889, Jour. de Conch. 37: 226 (no locality); 1890, MHNC 1 (4): 141, pl. 38, figs. 10, 10a (Si-lin, Kouang-si); paratypes USNM 472155 and MCZ 167163.

reserata, Helix: 1885, MHNC 1 (3): 112, pl. 30, fig. 3 (Tchen-k'eou); paratypes USNM 472160 and MCZ 167130.

resinacea, Melania: 1888, Jour. de Conch. 36: 307, (in rivulis cacum Mè-kong influentibus); 1890, MHNC 1 (4): 164, pl. 41, fig. 13; paratypes MCZ 167323; idiotype USNM 471915 Mou-tchou-tan, Ngan-houé.

resinaceus, Helicarion: 1885, MHNC 1 (3): 102, pl. 26, fig. 6 (Ta-kouan tchen); paratype USNM 472088.

retiarius, Unio: 1883, CFN, pt. 8, pl. 57, fig. 107 (dans les torrents du Ning-kouo-fou et du Tche-tcheou-fou); idiotype USNM 472412 Kien-té sud.

retorta, Clausilia: 1890, MHNC 1 (4): 153, pl. 34, fig. 3 (Tchen-k'eou); paratype MCZ 167057.

retortus, Unio: 1883, CFN, pt. 8, pl. 57, fig. 109 (La rivière de Ning-kouo-fou, au sud de la ville, et dans sa partie moyenne).

retusa, Anodonta: 1884, Jour. de Conch. 32: 20. New name for Anodonta obtusa Heude, non Spix 1827.

rhinocerotica, Helix: 1890, MHNC 1 (4): 144, pl. 38, fig. 14 (Tay-ninh, Cochinchinae); paratypes USNM 472143 and MCZ 167161.

riparius, Helicarion: 1885, MHNC 1 (3): 102, pl. 28, fig. 1 (Ad ripas Yang-tze kiang, juxta Kouè-tcheou fou); paratype USNM 472086.

Rivularia: Genus, 1890, MHNC 1 (4): 179. Type species: Paludina (Melantho) auricularis Dohrn = Paludina auriculata Martens 1875, subsequent designation, Yen, 1939, Ab. Senck. Nat. Ges. 444: 40.

rivularis, Anodon: 1877, CFN, pt. 3, pl. 20, fig. 44 (Un ris-seaux près de la ville de Lieou-ngan-tch'eou, et les rivi-ères du département de Ning-kouo, Ngan-houé); paratypes USNM 126520 Morelet coll'n. and USNM 472432.

rivularis, Mycetopus: 1877, CFN, pt. 3, pl. 23, fig. 49 (Le torrent de Ning-kouo-hien, Ngan-houe); paratype USNM 472449.

rochechouartii, Unio: 1875, CFN, pt. 1, pl. 5, fig. 13 (La rivière de Nanking); paratypes NMS 3568 and USNM 472368.

rosea, Anodon: 1881, CFN, pt. 7, pl. 50, fig. 93 (Les environs de Fou-tcheou, Fou-kien); paratypes USNM 472440 and MCZ 167249.

rotundata, Melania (?): 1890, MHNC 1 (4): 166, pl. 41, figs. 33, 33a (in rivulo provinciae Koué-tcheou meridionalis); paratypes USNM 471917 Koué-tcheou.

rubella, Anodon: 1881, CFN, pt. 7, pl. 54, fig. 100 bis (Les canaux et fosses au sud du lac Tong-ting jusqu'a Heng-tcheou-fou, Hou-nan); paratype USNM 472418.

rubella, Succinea: 1882, MHNC 1 (2): 80, pl. 18, fig. 29 (Circa Chang-hai in paludosis et etiam ad muros humidos). Non S. rubella Pease, 1871, changed to Succinea hygrophila Heude, 1884, Jour. de Conch. 32: 19; paratype USNM 472276 Yang-tzé.

rudens, Funiculus: 1888, Jour. de Conch. 36: 242 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 148, pl. 35, fig. 16; paratypes USNM 472200 and MCZ 167177.

rufescens, Unio: 1874, Jour. de Conch. 22: 113 (Rivière de Fou-tcheou, Kiang-si); 1875, CFN, pt. 1, pl. 1, fig. 2; idiotype USNM 472394 Ngan-houé.

rupicola, Delavaya: 1889, Jour. de Conch. 37: 46 (no locality) 1890, MHNC 1 (4): 172, pl. 33, figs. 8, 9, 10, 10a (In lacu Hai-si, prope Ta-li fou); paratype figured by Yen 1939, Ab. Senck. Nat. Ges. 444: 43, pl. 4, fig. 6, NMS 4291; paratypes USNM 471904 and MCZ 167022.

ruptiva, Clausilia: 1889, Jour. de Conch. 37: 41 (Hou-pé meridionali). Is a synonym of C. coccygea Gredler, teste Heude, 1890, MHNC 1 (4): 157.

rustica, Clausilia: 1889, Jour. de Conch. 37: 43 (Hou-pé meridionali); 1890, MHNC 1 (4): 158, pl. 35, fig. 2.

samara, Helix: 1886, Jour. de Conch. 34: 215 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 142, pl. 37, fig. 3; paratypes USNM 472149 and MCZ 167162.

samarella, Helix: 1888, Jour. de Conch. 36: 237 (Ta-li fou, Yun-nan, circa 2000 métres altitude); 1890, MHNC 1 (4): 142, pl. 35, fig. 30; paratype MCZ 167169 Ta-ping-tze, Yun-nan; idiotype USNM 472150 Koué-tcheou-fou, as Helix [sa] mariella.

santa, Helix: 1889, Jour. de Conch. 37: 226 (no locality).

sapeca, Helix: 1890, MHNC 1 (4): 143, pl. 38, fig. 13 (in monte conico juxta Tay-ninh, Cochinchinae); paratype USNM 472142.

secalinus, Buliminus: 1885, MHNC 1 (3): 115, pl. 30, fig. 10 (Koué-tcheou).

scalaris, Assiminea (Solenomphalae); 1882, MHNC 1 (2): 83, pl. 21, figs. 5, 5a, 5b, 5c (Ad parietes humidos in civitate Chang-hai sat copiosa, surtout près de la Cathedrale de Tong-ka dou); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 48, pl. 4, fig. 35, NMS 38667; paratypes USNM 471900 and 167019.

scalaris, Bithynia: 1890, MHNC 1 (4): 171, pl. 42, fig. 10 (Ad ripas Yang-tzé in tractu superiori infra cataractas).

scaphydium, Anodon: 1880, CFN, pt. 6, pl. 46, fig. 89 (Les fosses du Tch'ao-hien, au bord du Fleuve Bleu).

scholastica, Clausilia: 1889, Jour. de Conch. 37: 44 (ad alumnis suis quaesitas, mihi vivas transmisit ex oppido Soue-fou, Se-tchouan).

scholastica, Corbicula: 1880, CFN, pt. 10, pl. 5, fig. 25 (Les ruisseaux du district de Suen-tchen, dans le Ning-kouo-fou région des montagnes); paratypes USNM 472463 and MCZ 167282.

schombergiana, Unio: 1885, CFN, pt. 9, pl. 72, fig. 139 (L'île de Hai-nan [2 specimens ex von Möllendorff]).

sciadophila, Nanina: 1885, MHNC 1 (3): 104, pl. 28, fig. 4 (Tchen-k'eou); paratype USNM 472104.

scripto-polystictus, Unio: 1877, CFN, pt. 2, pl. 13, fig. 27 (no locality).

scriptus, Unio: 1875, CFN, pt. 1, pl. 3, figs. 8, 8a (Plusieurs rivières de la province de Nanking; dans la Hoai); paratypes USNM 472370 and NMS 5189.

secundaria, Helix: 1890, MHNC 1 (4): 136, pl. 37, fig. 17 (In planitie Tchen-tou, Se-tchouan occidentalis).

secundus, Pseudodon: 1877, CFN, pt. 3, pl. 18, fig. 38 (La rivière Hoai); paratypes USNM 126504 Morelet coll'n. and USNM 472450 and MCZ 167242.

secura, Helix (Plectopylis); 1889, Jour. de Conch. 37: 226 (no locality); 1890, MHNC 1 (4): 141, pl. 38, figs. 6, 6a (Si-lin, Kouang-si); paratype MCZ 167129.

securiformis, Anodon: 1877, CFN, pt. 3, pl. 18, fig. 39 (Le lac T'o, près de la ville de Ou-ho); idiotype USNM 126450 Ngan-houé Morelet coll'n.

sedentaria, Helix: 1885, MHNC 1 (3): 109, pl. 28, figs. 9, 9a (Koué-tcheou fou).

seguiniana, Clausilia: 1885, MHNC 1 (3): 120, pl. 31, fig. 8 (Circa oppidum Ta-kouan tchen); paratype MCZ 167062.

seguiniana, Helix: 1885, MHNC 1 (3): 111, pl. 27, fig. 11 (Ta-li fou); paratypes USNM 472113 and MCZ 167134.

sekingeriana, Hyalina: 1882, MHNC 1 (2): 16, pl. 13, fig. 11 (Ad moenia civitatis Ning-kouo-fou).

sempriniana, Helix: 1882, MHNC 1 (2): 43, pl. 20, fig. 16 (Hou-nan meridionali).

septemplicata, Clausilia: 1882, MHNC 1 (2): 71, pl. 17, fig. 13 (Ad saxa calcaria frigida in districtu Suen-tchen, ditionis Ning-kouo-fou); paratypes USNM 472251 and MCZ 167060 both Choué-tong. Non C. septemplicata Philippi changed to Clausilia frigida Heude, 1884, Jour. de Conch. 32: 19.

seraphinica, Helix: 1889, Jour. de Conch. 37: 225 (no locality); 1890, MHNC 1 (4): 141, pl. 38, fig. 11 (Si-lin, Kouang-si); paratypes USNM 472130 and MCZ 167156.

serpestes, Helix: 1890, MHNC 1 (4): 137, pl. 37, fig. 6 (In montosis Pa-tong).

setchuanense, Myxostoma: 1885, MHNC 1 (3): 92, pl. 23, figs. 5, 5a, 5b, 5c, 5d (Tchen-k'eou); paratypes USNM 472320 and MCZ 167157.

setchuanensis, Alycaeus: 1885, MHNC 1 (3): 97, pl. 24, figs. 6, 6a, 6b, 6c (Tchen-k'eou); paratypes USNM 472337 and MCZ 167231.

setchuanensis, Buliminus: 1885, MHNC 1 (3): 116, pl. 30, fig. 12 (Tchen-k'eou).

setchuanensis, Diplommatina: 1885, MHNC 1 (3): 97, pl. 24, figs. 10, 10a, 10b (Tchen-k'eou); paratypes USNM 472302 and MCZ 178226.

setchuanensis, Helicarion: 1885, MHNC 1 (3): 100, pl. 25, fig. 9 (Tchen-k'eou).

setchuanensis, Helicina: 1885, MHNC 1 (3): 98, pl. 24, figs. 16, 16a, 16b (Techn-k'eou); paratypes MCZ 167205.

setchuanensis, Limax: 1885, MHNC 1 (3): 99, pl. 26, figs. 3, 3a, 3b (montagnes de Tchen-k'eou).

setchuanensis, Parmarion: 1885, MHNC 1 (3): 99, pl. 26, figs. 4, 4a (Tchen-k'eou [one specimen]).

setchuanensis, Stenogyra: 1885, MHNC 1 (3): 118, pl. 30, fig. 17 (Koué-tcheou fou); paratype USNM 472215.

setchuanensis, Succinea: 1882, MHNC 1 (2): 81, pl. 21, fig. 1 (in districtu K'iu-hien, Se-tchouan orientalis); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 72, pl. 6, fig. 19, NMS 10590; paratype USNM 472277.

sexifilaris, Cyclophorus: 1882, MHNC 1 (2): 3, pl. 12, fig. 4 (départments de Ning-kouo et Tchè-tcheou, Ngan-houè); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 17, pl. 1, fig. 19, NMS 40290 "Yangtze-Gebiet"; paratypes USNM 472310 and MCZ 167221 Yang-tze moyen.

siderea, Clausilia: 1886, Jour. de Conch. 34: 299 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 156, pl. 34, fig. 14; paratypes USNM 472241 and MCZ 167051.

similis, Mycetopus: 1877, CFN, pt. 3, pl. 23, fig. 50 (Le lac Tong-Ting, à la embouchure des rivières, Hou-nan).

simonianus, Opisthoporus: 1886, Jour. de Conch. 34: 209 (Tay-ninh, Cochinchinae); 1890, MHNC 1 (4): 129, pl. 38, figs. 4, 4a, 4b; pl. 42, figs. 14, 14a; paratype MCZ 167195.

simonianus, Streptaxis: 1890, MHNC 1 (4): 151, pl. 35, fig. 26 (Tay-ninh Cochinchinae); paratype MCZ 167042.

simplex, Macrochlamis: 1890, MHNC 1 (4): 135, pl. 37, fig. 31 (In montanis calcariis circa Ta-li fou); paratype USNM 472106.

simpularius, Unio: 1884, Jour. de Conch. 32: 20. New name for Unio modestus Heude, non 'Charpentier' Küster 1856.

sinense, Helicarion: 1882, MHNC 1 (2): 11, pl. 13, fig. 4 (in montosis frigidis invenitur [3 specimens]).

sinensis, Alycaeus: 1882, MHNC 1 (2): 7, pl. 12, figs. 13, 13a (Ad radices saxorum inter folia decidua in districtu Tong-lieou, Ngan-houé); paratypes MCZ 167216.

sinensis, Hyalina: 1882, MHNC 1 (2): 16, pl. 13, fig. 7 (Hinc inde datur in collibus calcariis ad saxa humida).

sinensis, Realia: 1882, MHNC 1 (2): 8, pl. 12, fig. 7; pl. 19, fig. 2 (Ad saxa calcaria humida frequentissima in collibus ripae dextrae Fluminis in provincia Ngan-houé); paratypes MCZ 167035 Ning-kouo-fou, Ngan-houé; paratype USNM 472294 from the same locality. Name changed to Rathouisia leonina Heude, 1885, MHNC 1 (3): 100.

sinensis, Vaginulus: 1882, MHNC 1 (2): 10, pl. 13, figs. 2 2a (Hinc inde secundum flumen Yang-tze). Name changed to Rathouisia leonina Heude, 1885, MHNC 1 (3): 100, 131.

sinensis, Vitrina: 1882, MHNC 1 (2): 11, pl. 13, fig. 5 (In montosis frigidis ditionis Ning-kouo-fou).

sinensis, Zua: 1890, MHNC 1 (4): 151, pl. 35, fig. 1.7 (Tchen-k'eou); paratypes USNM 472219 and MCZ 167212.

solensis, Cyclophorus: (see under loloensis Heude, Cyclophorus).

sorini, Anodon: 1881, CFN, pt. 7, pl. 49, fig. 92 (Province de Kouang-tong, region des montagnes).

soriniana, Corbicula: 1880, CFN, pt. 10, pl. 8, fig. 49 (Ruisseaux des montagnes dans la province de Kouang-tong); paratypes MCZ 167280.

soriniana, Melania: 1888, Jour. de Conch. 36: 308 (In rivis tchao-tcheou fou); 1890, MHNC 1 (4): 162, pl. 41, figs. 6, 6a; paratypes USNM 471922 and MCZ 167335 both Swa-tow, Kouang-tong.

spelaea, Hyalina: 1882, MHNC 1 (2): 18, pl. 13, fig. 14 (In sicssuris saxorum circa Nan-king sat copiosa loco dicto Kouan-yin men); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 115, pl. 11, fig. 30, NMS 42591; paratype USNM 472098 Nanking.

sphaera, Conulus: 1885, MHNC 1 (3): 104, pl. 27, fig. 3 (Tchen-k'eou).

sphaerica, Corbicula: 1880, CFN, pt. 10, pl. 7, fig. 37 (Ruisseaux du Kien-te-hien sud); paratypes USNM 472465, MCZ 167299 and MCZ 154845 presented to Morelet by Heude from E. W. Roper coll'n. ex Boston Soc. Nat. Hist.

spinula, Clausilia: 1882, MHNC 1 (2): 65, pl. 18, fig. 4 (In regione Koué-yang fou, Koué-tcheou; ad rupes circa montem conicum quem Orphanulum vocant ad limites Kiang-si et Ngan-houé; les rochers de la ville de P'eng-tse, au dessous de l'embouchure du P'o-yang); paratypes USNM 472234 Tong-lieou and MCZ 167070 Koué-tcheou.

spiralis, Bithynia: 1890, MHNC 1 (4): 172, pl. 42, figs. 9, 9a (Ad flumen Min, Fou-kien); paratypes USNM 471893 and MCZ 167005.

Spirostoma: Genus, 1885, MHNC 1 (3): 95. Type species : Spirostoma frinianum Heude.

spoliata, Stenogyra: 1882, MHNC 1 (2): 58, pl. 17, fig. 21 (In civitate Chang-hai).

spurius, Unio: 1877, CFN, pt. 2, pl. 11, fig. 23 (La rivière Siang); paratypes USNM 126457 Morelet coll'n and USNM 472375.

squalida, Corbicula: 1880, CFN, pt. 10, pl. 8, fig. 43 (Les lacs de Mé-kong, Tonglieou, sur la rive droite et sur la rive gauche, le lac Tch'ao et ses dépendences); paratypes USNM 472464 and MCZ 167303 both Lake Tch'ao.

squamosella, Helix: 1882, MHNC 1 (2): 36, pl. 15, figs. 2, 9a (In montanis calcariis circa Nanking).

squammosulus, Buliminis (?): 1885, MHNC 1 (3): 116, pl. 30, fig. 13 (Ta-li fou); paratype USNM 472188 Tchen-k'eou.

stenomphalus, Cyclotus: 1882, MHNC 1 (2): 5, pl. 19, fig. 1 (Hou-nan meridionali); paratypes USNM 472331 and MCZ 167153.

sterilis, Helix: 1890, MHNC 1 (4): 143, pl. 37, fig. 2 (in montibus ditionis Pa-tong).

straminea, Clausilia: 1882, MHNC 1 (2): 63, pl. 18, fig. 2 (Juxta templum St. Josephi in suburbio gallico Chang-hai. An indigena?). Non C. straminea 'Parreyss' Pfeiffer 1868 changed to Clausilia flavescens Heude, 1884, Jour. de Conch. 32: 19; paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 101, pl. 10, fig. 6, NMS 42296a; paratypes MCZ 167059; idiotypes USNM 472230 and MCZ 167049 both Tsing-pou.

straminea, Helix: 1882, MHNC 1 (2): 42, pl. 16, fig. 5 (in graminosis calcariis tractus Yang-tze kiang); idiotype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 132, pl. 13, fig. 50, NMS 22701; idiotype USNM 472120 Ning-kouo-fou.

striata, Anodon: 1878, CFN, pt. 4, pl. 30, fig. 63 (Lac de Tong-lieou, Ngan-houe); paratype USNM 126506 Morelet coll'n.

subalatum, Myxostoma: 1886, Jour. de Conch. 34: 209 (Tchen-k'eou, Se-tchouan); 1890, MHNC 1 (4): 127, pl. 36, figs. 10, 10a; paratypes USNM 472324 and MCZ 167166.

subcincta, Helix: 1888, Jour. de Conch. 36: 238 (Ta-li fou, Yun-nan, altitude 3000 mètres); 1890, MHNC 1 (4): 139, pl. 36, fig. 3. Name changed to H. subcinctula Heude.

subcinctula, Helix: 1890, MHNC 1 (4): 139. (See under subcincta Heude, Helix).

subelliptica, Paludina: 1890, MHNC 1 (4): 178, pl. 41, figs. 4, 4a (le torrent du district de Ning-kouo); paratype MCZ 167316.

subgriseola, Helix: 1888, Jour. de Conch. 36: 238 (in Koua-la, Ta-li fou, Yun-nan, altitude 3000 mètres); 1890, MHNC 1 (4): 144, pl. 35, fig. 29.

sublevis, Hemibia: 1890, MHNC 1 (4): 168, pl. 33, fig. 15 ([Cave of Kang-Keon] in rivulis Ning-kouo-hien); paratypes MCZ 167026.

subminutus, Buliminus: 1882, MHNC 1 (2): 49, pl. 17, fig. 17 (In montanis regionis Ning-kouo-fou); paratype USNM 472810.

subparasitica, Helix: 1888, Jour. de Conch. 36: 240 (in Koua-la Ta-li fou, Yun-nan, altitude 3000 mètres); 1890, MHNC 1 (4): 144, pl. 35, fig. 32.

subpressus, Unio douglasiae: 1885, CFN, pt. 9, letter press for pls. 65, 65 bis., 128 g. New name for Unio compressus Heude, non Conrad 1834.

subquadrata, Corbicula: 1880, CFN, pt. 10, pl. 8, fig. 45 (La Houai moyenne [Hong-tse]); paratypes USNM 472497 Hong-tse-hou, MCZ 167262 and MCZ 154839 presented to Morelet by Heude from E. W. Roper coll'n. ex Boston Soc. Nat. Hist.

subsquamulata, Helix: 1890, MHNC 1 (4): 145, pl. 37, figs. 21, 21a (Tchen-k'eou).

subtetragonea, Anodon: 1879, CFN, pt. 5, pl. 36, fig. 70 (Les étangs et marais au bord du Fleuve Bleu, district de Peng-tse, Kaing-si); idiotype USNM 472436 Matong.

succinea, Anodon: 1880, CFN, pt. 6, pl. 44, fig. 87 (Les fosses du Thien-té meridional); idiotype USNM 126511 Cheng-kin long, South Chien-te, Morelet coll'n.

succinea, Clausilia: 1886, Jour. de Conch. 34: 298 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 153, pl. 34, fig. 2; USNM 472223 and MCZ 167061.

succineus, Mycetopus: 1885, CFN, pt. 9, pl. 70, fig. 134 (Les rivières de Lu-tcheou fou et de Tong-tch'eng vers leur embouchure dans le lac Tch'ao, Ngan-houé); paratypes USNM 472448 and MCZ 167109.

superaddita, Clausilia: 1882, MHNC 1 (2): 62, pl. 20, fig. 25 (Ad colles juxta civitatem Song-kiang; [aux collines à l'ouest de Chang-hai]); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 101, pl. 10, fig. 9, NMS 42305a; paratypes USNM 472253 and MCZ 167050 both Tsing-pou, Shanghai.

taliensis, Helix: 1890, MHNC 1 (4): 139. (See under talifouensis Heude, Helix).

talifouensis, Helix: 1888, Jour. de Conch. 36: 239 (Ta-li fou, Yun-nan); 1890, MHNC 1 (4): 139, pl. 37, fig. 16. Name changed to H. taliensis Heude; paratype MCZ 167183.

tayinense, Cyclophorus: 1890, MHNC 1 (4): 127, pl. 36, figs. 13, 13a (la montagne de Tay-ninh, Cochinchinae).

telonaria, Melania: 1888, Jour. de Conch. 36: 306 (in rivulo Ta-kouan ho); 1890, MHNC 1 (4): 165, pl. 41, fig. 19; paratypes USNM 471914 and MCZ 167327.

terminalis, Melania: 1890, MHNC 1 (4): 166, pl. 41, fig. 21 (ad terminum rivuli Tchang-tchou ubi in lacum Yi-hing influit); paratypes USNM 471923 and MCZ 167328.

ternaria, Helix: 1890, MHNC 1 (4): 145, pl. 37, figs. 15, 15a (Tchen-k'eou).

textoria, Melania: (See under, textrix Heude, Melania).

textrix, Melania: 1888, Jour. de Conch. 36: 306 (in rivulo Ta-kouan ho); 1890, MHNC 1 (4): 165, pl. 41, fig. 23. Name changed to M. textoria Heude; paratypes USNM 471928 and MCZ 167329.

theaecola, Streptaxis: 1890, MHNC 1 (4): 151, pl. 35, fig. 25 (in collilus theaegenis districtus Ou-yuan); paratypes USNM 422083 and MCZ 167040.

theaepotes, Melania: 1888, Jour. de Conch. 36: 307 (les ruisseaux coulant vers la mer des districts à thé du Houé-tcheou fou); 1890, MHNC 1 (4): 163, pl. 41, fig. 10 (in rivulis Hiou-ning, Ngan-houé meridionalis); paratypes USNM 471927 and MCZ 167013 both from the latter locality.

thibetanus, Buliminus: 1882, MHNC 1 (2): 54, pl. 17, fig. 9 (Subfossilis non longe a Yer-ka lo, Thibeti orientalis); paratype USNM 472190. Non B. thibetanus Pfeiffer 1856, changed to Buliminus canescens Heude, 1884, Jour. de Conch. 32: 19.

thoracica, Helix: 1882, MHNC 1 (2): 44, pl. 16, figs. 11, 11a (In montosis Kiun-tcheou, Hou-pé); paratype figured by Yen 1939, Ab. Senck. Nat. Ges. 444: 127, pl. 13, fig. 18, NMS 27464 "Yangtze-Gebeit"; paratypes USNM 472168 and MCZ 167218 both chaîne de Tchen-k'eou.

tigrina, Rathouisia: 1885, MHNC 1 (3): 100, pl. 26, fig. 26, figs. 1, 1a (les hauteurs de Tchen-k'eou).

torrentis, Anodon: 1878, CFN, pt. 4, pl. 29, fig. 61 (Sources de la rivière de Iao-tcheou-fou, sous-préfecture de Kien-té gan-houé); paratype USNM 472419.

tortile, Myxostoma: 1885, MHNC 1 (3): 93, pl. 23, figs. 9, 9a, 9b (Circa Ta-kouan tchen); paratype MCZ 167180.

toucheana, Bithynia: 1890, MHNC 1 (4): 171, pl. 42, figs. 6, 6a (Fou-tcheou, Foukien); paratypes USNM 471895 and MCZ 167006.

toucheana, Melania: 1888, Jour. de Conch. 36: 308 (ad flumen Min, Foukien); 1890, MHNC 1 (4): 165, pl. 41, fig. 17; paratypes USNM 471925 and MCZ 167319.

translucens, Cyclophorus: 1889, Jour. de Conch. 37: 228 (no locality); 1890, MHNC 1 (4): 125, pl. 38, fig. 5 (in parte boreali Kouang-si).

triangularis, Mycetopus: 1885, CFN, pt. 9, pl. 72, fig. 138 (les parties moyennes de la rivière qui se jette dans le Kincha-Kiang à Tchon-K'ing, Se-tchouan).

triclavus, Unio: 1877, CFN, pt. 2, pl. 10, figs. 21, 21a (la rivière Siang, Hou-nan); paratypes USNM 126529 Morelet coll'n. and USNM 472372 and MCZ 167111.

triformis, Unio: 1877, CFN, pt. 2, pl. 16, fig. 34 (La rivière Siang aux environs de Tchan-cha-fou); paratype USNM 126502 Morelet coll'n.

trisculcatus, Unio: 1883, CFN, pt. 8, pl. 57, fig. 108 (Origine de la rivière de Jao-tcheou fou, dans le Kien-té hien); paratype USNM 472409.

tubulare, Myxostoma: 1885, MHNC 1 (3): 94, pl. 25, figs. 5, 6 (Tchen-k'eou); paratypes USNM 472325 and MCZ 167150.

tumida, Anodon: 1879, CFN, pt. 5, pl. 35, fig. 69 (Fosses du district de Suen-tchen, région des montagnes); paratypes USNM 126508 Morelet coll'n. and NMS 3677.

turbinella, Helix: 1890, MHNC 1 (4): 137, pl. 37, fig. 11 (Pa-tong, Hou-pé); paratype USNM 472172.

turgidula, Stenogyra: 1882, MHNC 1 (2): 59, pl. 17, fig. 18 (In civitate Chang-hai, et ad colles Song-kiang fou).

umbraecultor, Helicarion: 1885, MHNC 1 (3): 102, pl. 26, fig. 12 (Tchen-k'eou).

uncinulata, Corbicula: 1880 CFN, pt. 10, pl. 2, fig. 13 (Canaux des districts de Li-yang, Yi-hing); paratypes USNM 472466, MCZ 167290 and MCZ 154847 presented to Morelet by Heude from E. W. Roper coll'n. ex Boston Soc. Nat. Hist.

Addenda to be included with:

Heude's Molluscan Types (1973)

By Richard I. Johnson

Although specimens labeled as Clausilia veruta were available to Johnson (1973) they were then thought not to have been described. H. Nordsieck has kindly pointed out that this is a new nomen for a misidentification by Heude.

veruta, Clausilia: 1890, MHNC **1** (4): 162. Name for Clausilia fortunei "Pfeiffer" Heude, *non* Pfeiffer 1852. 1882, MHNC **1** (2): 66; pl. 18. fig. 7. (Ning-kouo fou et Tché-tcheu fou); 4 syntypes MCZ 167091 labeled: Ning-kouo fou.

Johnson, R.I. 1973. Heude's Molluscan types, or Asian land and fresh water mollusks, mostly from the People's Republic of China, described by P.M. Heude. Special Occasional Publication No. 1. Department of Mollusks, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts; pp. 111.

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vestitum, Myxostoma: 1885: 1885, MHNC 1 (3): 94, pl. 23, fig. 11 (Uterque simul ex regione Tchen-k'eou [one specimen]); idiotypes USNM 472323 and MCZ 167181.

vestitus, var. a., Unio: 1883, CFN, pt. 8, pl. 58, fig. 112 (La rivière de Ning-kouo-fou, celle de T'sing-yang hien, Ngan-houé); paratypes MCZ 167241. Non U. vestitus Lea 1861, changed to Quadrula ovata by Simpson, 1900, Proc. U. S. Nat. Mus. 22: 801.

vestitus, var. b., Unio: 1883, CFN, pt. 8, pl. 59, fig. 115 (La rivière de Ning-kouo-fou, celle de T'sing-yang hien, Ngan-houé); paratypes MCZ 167245. Non U. vestitus Lea 1861, changed to Shistodesmus spinosus by Simpson, 1900. Proc. U. S. Nat. Mus. 22: 804.

vicina, Corbicula: 1880, CFN, pt. 10, pl. 3, figs. 15, 15a (La rivière de San-ho, district de Ho-fé, Lu-tcheou-fou) paratypes USNM 472470 and MCZ 167259.

vicinella, Helix: 1890, MHNC 1 (4): 138, pl. 37, fig. 12 (Pa-tong, Hou-pé); paratype MCZ 167189.

vidianus, Buliminus: 1890, MHNC 1 (4): 150, pl. 38, fig. 19 (Chen-si boreali).

vinacea, Clausilia: 1882, MHNC 1 (2): 73, pl. 18, fig. 16 (Ad calcarios montes, moenia turrium et templorum à civitate Houang-tcheou fou ad Ou-hou super utramque ripam valde frequens; la ville de Houang-tcheou, Hou-pé, jus qu'à Ou-hou, aux limites du Ngan-houé. Elle abonde où elle se trouve, et saut aux falaises de P'eng-tse hien, elle est exclusive); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 102, pl. 10, fig. 17, NMS 42346a "Yangtze Gebiet"; paratypes USNM 472272 Hou-pé and MCZ 167053 Houang-tcheou.

vincotiana, Clausilia: 1885, MHNC 1 (3): 120, pl. 31, fig. 6 (Tchen-k'eou [4 dead specimens]); paratype MCZ 167054.

violacea, Assiminea (Euassiminae): 1882, MHNC 1 (2): 82, pl. 21, figs. 4, 4a, 4b, 4c (In locis lutosis circa os fluminis Yang-tze kiang); paratype figured by Yen, 1939, Ab. Senck. Nat. Ges. 444: 50, pl. 4, fig. 49, NMS 38702; paratypes USNM 471903 and MCZ 167020.

viridis, Mycetopus: 1885, CFN, pt. 9, pl. 71, fig. 136 (Voisinage du lac de Lu-kiang hien, Ngan-houé); paratype USNM 472447.

vitreola, Helix: 1890, MHNC 1 (4): 145, pl. 37, fig. 20 (Tchen-k'eou); paratype MCZ 167154.

vorticellina, Helix: 1889, Jour. de Conch. 37: 227 (no locality).

vulpina, Clausilia: 1886, Jour. de Conch. 34: 298 (Tchen-k'eou, Se-tchouan; Pa-tong); 1890, MHNC 1 (4): 155, pl. 34, fig. 9; paratypes USNM 472262 and MCZ 167052 both Pa-tong.

zikaveiensis, Hyalina: 1882, MHNC 1 (2): 16, pl. 13, fig. 9 (le jardin de la mission à Su-kia houé, dialecte local Zi-ka-wei); paratype USNM 472099.

zonatus, Unio: 1883, CFN, pt. 8, pl. 61, fig. 120 (la rivière de Ning-kouo-fou, au sud de la ville); paratype MCZ 167112.

A GLOSSARY OF THE FRENCH TRANSLATIONS OF THE CHINESE PLACE NAMES USED BY R. P. HEUDE, THEIR ENGLISH EQUIVALENTS, PROVINCES, AND LONGITUDE AND LATITUDE.

The several works listed below proved most helpful in locating the longitude and latitudes of most of the localities.

----1952, China 1, A-L; 2, M-Z; 3, Hong Kong, Macao Sinkiang Taiwan and Tibet. Preliminary Intelligence Survey Gazetteer. Division of Geography, Department of the Interior, Central Intelligence Agency, Washington.

----1917, The new atlas and commercial gazetteer of China. Far Eastern Geographical Establishment, North China Daily News and Herald Ltd., Shanghai.

Playfair, G. M. H. 1910. The cities and towns of China. A geographical dictionary. 2nd edit. Shanghai. pp. 582, lxxvi. 8vo. Based on Boit, 1842. Dictionnaire des Villes Chinoises.

Stanford, E. 1908. Atlas of the Chinese Empire. The China Inland Mission, London. pp. xii, 1-66, 22 col. pls. 4to.

The following endings are used on certain of the localities.

French	English	Translation
chan	chien	mountain
fou	fu	city, or prefecture
hien	hsien	city, or district
ho	ho	river or lake
hou	hu	lake
kiang	kiang	river
si	si	west
tao	tao	island
tcheou	chow	department
tong	tung	east

French	English	Province	Location
Aloiy, Baie d'		Tonkin, Vietnam	
Bleu, Fleuve	Yangtze kiang		
Changhai	Shanghai	Kiangsu	31°14'N 121°29'E
Chenkin long	[not located]		
Chensi Province		Shensi	
Cheoutcheou	Showchow	Anhwei	32°34'N 116°47'E
Chetchoutze [near Talifu]	[not located]	Yunnan	
Chouétong	Chowtung	Fukien	25°25'N 117°1'E
Fantchang	Fanchang	Anhwei	31°8'N 118°12'E
Fantching	Fancheng	Hupeh	32°14'N 112°5'E
Fong-siang	[not located]		
Foukien Province		Fukien	
Foutcheou	Foochow	Fukien	26°7'N 119°20'E
Foutcheou	Fuchowki	Kiangsi	27°52'N 116°14'E
Grand Lac	Tai hu	Kiangsu	31°12'N 120°10'E
Hai kouan	[not located]		
Hai si [lac]	Erh Hai [lake]	Yunnan	25°45'N 100°16'E
Haimen	Haimen	Chekiang	28°37'N 121°24'E
Hainan [Island]	Hainan Island		18°20'N 108°40'-111°

Hankeou	Hankow	Hupeh	30°32'N 114°20'E
Han kiang	Han kiang	Shensi	
Hansup	[not located]		
Hechanmen [near Talifu]	[not located]	Yunnan	
Hengtcheou	Hengchow	Kwaingsi	22°34'N 109°9'E
Hengtcheoufou	Hengchowfu	Hunan	26°50'N 112°29'E
Hiain fou	[not located]		
Hiatcheou	Ichow	Shengking	41°40'N 121°4'E
Hiayu fang	Haiyüan	Kwangsi	22°2'N 104°30'E
Hingkuou	Hingkwo	Kwangsi	26°20'N 115°11'E
Hiouning	[not located]	Anhwei	
Hoai or Houai kiang	Hwai kiang	Kinagsu	
Hochan	Hochow An	Anhwei	31°42'N 118°20'E
Hofé District	Hofei	Anhwei	
Hokieouhien District	Hokiuhsien	Anhwei	32°22'N 116°14'E
Honan Province		Honan	
Hongtse	Hungtze	Anhwei	33°20'N 118°40'E
Houainganfou	Hwaianfu	Kiangsu	33°30'N 119°10'E
Houangtcheou	Hwangchow	Hupeh	30°25'N 114°55'E
Houaining District	Huaining	Anhwei	
Houetcheofou	Hwachow	Shensi	34°28'N 109°42'E

Houla [near Talifu]	[not located]	Yunnan	
Hounan Province		Hunan	
Houpé Province		Hupeh	
Iaotcheoufu	[not located]	Anhwei	
Ihing	Ihing	Kiangsu	31°23'N 119°50'E
Ingtcheou	Yingchoufu	Anhwei	32°56'N 116°05'E
Jaotcheou	Jaochow	Kiangsi	28°55'N 116°45'E
Kai ho	Kio ho	Shengking	
Kaitinghien	Kaitinghsien	Kiangsu	31°22'N 121°17'E
Kang keon [cave of]	[not located]		
Kiangsi Province		Kiangsi	
Kiangsou Province		Kiangsu	
Kienping	Kienping	Anhwei	20°0'N 119°38'E
Kientchang	Kienchang	Kiangsi	29°1'N 115°42'E
Kienté	Kienteh	Anhwei	30°5'N 117°18'E
Kieouhouachan	[not located]		
Kieoukiang	Kiukiang	Kiangsi	29°42'N 116°6'E
Kincha kiang	Kincha kiang	Szechwan	
Kinghien	Kinghsien	Anhwei	30°40'N 118°4'E
Kingtcheoufou	Kingchowfu	Hupeh	30°18'N 112°16'E
Kintcheoufou	Kanchow Ki	Kiangsi	25°58'N 114°46'E
Kiuhien	Kiuhhsien	Honan	33°31'N 113°26'E

Kiu kiang	Kiu kiang	Szechwan	
Kiuntcheou	Kiunchow	Hupeh	32°49'N 111° 18'E
Kouangsi Province		Kwangsi	
Kouangtétcheou	Kwangtechow	Anhwei	30°42'N 119°29'E
Kouangtong Province		Kwangtung	
Kouanyin men [near Nanking]	[not located]	Kiangsu	
Kouenchan District	Kunshan	Kiangsu	
Kouétcheou Province	Kweichow	Kweichow	
Kouétcheoufou	Kweichowfu	Szechwan	31°0'N 109°32'E
Kouéyang	Kweiyang	Kweichow	26°18'N 106°40'E
La fou	[not located]	Kwangtung	
Lankong	Langkiung	Yunnan	26°8'N 99°58'E
Lieoungantcheou	Liuanchow	Anhwei	31°41'N 116°37'E
Liyang	Liyang	Kiangsu	31°24'N 119°32'E
Lo kiang	Lo kiang	Hunan	
Lolo	Lohho	Anhwei	32°47'N 117°14'E
Longtan	Lingtan	Kiangsu	32°8'N 119°10'E
Longting	[not located]		
Loping	Loping	Kiangsi	28°50'N 117°10'E

Lukiang	Lukiang	Anhwei	31°9'N 117°17'E
Lutcheoufou	Luchowfu	Anhwei	31°44'N 117°16'E
Lutcheoufou	Luchowfu	Szechwan	28°50'N 105°27'E
Matong	Matang	Szechwan	32°51'N 102°48'E
Mekeng kiang	Mekong kiang	Yunnan	
Menkong	Menkong	Tibet	28°50'N 98°0'E
Mienangtcheou	Mienyang	Hupeh	30°6'N 113°20'E
Min kiang	Min kiang	Fukien	
Moutchou tan	[not located]	Anhwei	
Nanking	Nanking	Kiangsu	32°5'N 118°49'E
Nganhoué Province		Anhwei	
Nganking	Anking	Anhwei	30°32'N 117°6'E
Ningkouofou	Ningkwo	Anhwei	30°32'N 118°54'E
Ouangkiang	Wangkiang	Anhwei	30°6'N 116°49'E
Ouho	Wuho	Anhwei	33°4'N 117°57'E
Ouhou	Wuhu	Anhwei	31°20'N 118°23'E
Oukiang	Wukiang Ku	Kiangsu	31°9'N 120°44'E
Ousi	Wusih	Kiangsu	31°34'N 120°26'E
Outang chan	Wutang Mountains	N. W. Hupeh	
Outchang	Wuchang	Hupeh	30°29'N 114°23'E
Ouyuanhien	Wuyüanhsien	Anhwei	29°11'N 117°47'E
Pai [lac]	Pai hu	Wangkiang, Anhwei	

Pakhoy	Pakhoi	Kwangtung	21°28'N 109°4'E
Paokingfou	Paoking	Hounan	27°0'N 111°19'E
Patong	Patung	Hupeh	30°57'N 110°26'E
Pengtse	Pengtze	Kiangsi	29°57'N 116°43'E
Poyang [lac]	Poyang hu	Kingsi	29°30'N 116°30'E
Puoutou [Island]	Puto Shan	Chekiang	30°00'N 122°25'E
San ho	San ho	Anhwei	
San li ki	Sanli	Kwaingsi	23_34'N 109°33'E
Swatow	Swatow	Kwangtung	23°21'N 116°40'
Sehing [cave and grotto]	[not located]		
Setchouan Province		Szechwan	
Sheng kiang	[not located]	Manchuria	
Siang kiang	Siang kiang	Hunan	
Sikiafou	Sikiatu	Chihli	41°54'N 119°6'E
Silin	Silin	Kwangsi	24°11'N 105°30'E
Songari [fleuve]	Sungari River	Manchuria	
Singkiangfou	Sungkiangfu	Kiangsu	31°1'N 112°17'E
Souéfou	Suifu	Setchouan	28°43'N 104°32'E
Suentchen	Sunchen	Chihli	37°52'N 116°24'E
Suiai chan [near Nanking]	[not located]	Kiangsu	

Tai [lac]	Tai hu	Kiangsu	31°12'N 120°10'E
Takouan	Takwan	Yunnan	27°47'N 103°50'E
Takouantchen	Takwan	Anhwei	31°10'N 117°4'E
Taiping	Tapeng	Yunnan	23°25'N 100°9'E
Taipingfou	Taiping An	Anhwei	31°33'N 118°31'E
Talifou	Talifu	Yunnan	25°40'N 100°9'E
Tatong	Tatung	Anhwei	30°48'N 117°44'E
Tatsienlou	Tatsienlu	Szechwan	30°3'N 102°13'E
Tayninh	Tayninh	Cambodia	
Tchanchafou	Changsha	Hunan	28°10'N 113°1'E
Tchao [lac]	Chao hu	Anhwei	31°45'N 117°45'E
Tchangtcheou	Changchow Ku	Kiangsu	31°41'N 119°59'E
Tchaohien	Chaohsien	Shantung	37°39'N 121°1'E
Tchaotcheoufou	Chaochowfu	Kwangtung	23°50'N 116°36'E
Tchaotong	Chaotung	Yunnan	27°20'N 103°41'E
Tchékiang Province		Chekiang	
Tchenkeou	Chengkow	Szechwan	31°58'N 108°50'E
Tchentou	Chengtu	Szechwan	30°38'N 104°2'E
Tchenkiang	Chenkang	Yunnan	24°6'N 99°24'E
Tchétcheou fou	Chichowfu	Anhwei	30°40'N 116°30'E
Tchenkiang	Chinkiang	Kiangsu	32°10'N 119°26'E

Tchentoufou	Chentowfu	Anhwei	30°14'N 118°30'E
Tchongking	Chungking	Szechwan	29°29'N 106°35'E
Tienté	Tientai	Chekiang	29°7'N 120°53'E
Ti kiang	Ti kiang	Anhwei	
T'o=Hongtze hu	Hungtze hu	Anhwei	30°20'N 118°40'E
Tonglieou	Tingliu	Anhwei	30°14'N 117°0'E
Tongling	Tungliang	Szechwan	29°51'N 106°7'E
Tongtcheng	Tungchenghsien	Anhwei	31°0'N 117°0'E
Tongting [lac]	Tung Ting hu	Hunan	29°10'N 112°50'E
Touchanouan	[not located]		
Tsienchan District	[not located]	Anhwei	
Tsingpou	Tsingpuhsien	Kiangsu	31°10'N 121°7'E
Tsingyang	Tsingyang	Anhwei	30°38'N 117°44'E
Tsongming	Tsungming	Kiangsu	31°37'N 121°24'E
Tsongming	Sungming	Yunnan	25°20'N 103°2'E
Tsongyang	Tsungyangchen	Anhwei	30°40'N 117°18'E
Wanhien	Wanhsien	Szechwan	30°50'N 108°21'E
Yangtcheou	Yangchow	Kiangsu	32°20'N 119°24'E
Yangtse kiang	Blue River		
Yerkalo	[not located]	E. Thibet	
Yihing	Ihing	Kiangsu	31°23'N 119°50'E
Yitchang	Ichang	Hupeh	30°40'N 111°21'E

Yongtcheoufou	Yungchoufu	Hunan	26°14'N 111°30'E
Yuéouan kiai	[not located]		
Yuho	Yiho	Shensi	37°12'N 110°20'N
Yunnanfou	Yunnanfu	Yunnan	25°2'N 102°41'E
Yunnan Province		Yunnan	
Zikawei	Zikawei [near Shanghai]	Kiangsu	
Zo sé	[not located]		

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