



Living and Fossil
Brachiopod Genera 1775–1979
LISTS AND BIBLIOGRAPHY

REX A. DOESCHER

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ABSTRACT

Doescher, Rex A. Living and Fossil Brachiopod Genera 1775–1979: Lists and Bibliography. *Smithsonian Contributions to Paleobiology*, number 42, 238 pages, 1981.—All genera and subgenera of fossil and living brachiopods described from 1775 to 1979 are listed with comments on their current nomenclatural status. A computerized list presents all valid brachiopod genera (and subgenera), including subjective synonyms, with additional information regarding type-species, superfamily classification, and range (by period) of each genus. A bibliography supplements both lists.

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LISTS AND BIBLIOGRAPHY

Rex A. Doescher

Introduction

Fifteen years have elapsed since the *Treatise on Invertebrate Paleontology, Part H: Brachiopoda*¹ became the standard reference for brachiopod workers worldwide. The *Treatise* recognized approximately 1700 distinct genera and placed an additional 500 in synonymy; subsequently, over 1200 new genera of brachiopods have been proposed. In less than two decades the generic list grew to a size 50 percent greater than that amassed in the preceding 204 year interval. Some of this growth was described in Richard E. Grant's presidential address to the Paleontological Society in November 1979.²

It became apparent that an updated brachiopod generic list was necessary to complement both the *Zoological Record* and Neave's *Nomenclator Zoologicus*, which have often lagged years behind current research. One aspect of the effort to compile such a list was the creation of a file that

contains photocopies or reprints of over 3800 references to new brachiopod genera. Also, in recognition of the benefits relating to computer data retrieval, a computer data file was built utilizing a Honeywell (Series 60) Model 66/05 computer under the Time Sharing and Text Editor subsystem. Henceforth, if a researcher has a specific area of interest, e.g., Permian Productacea, the data can be sorted on the desired fields exclusively, thereby limiting the printout to his area of interest and also providing him with an updated list of all brachiopod genera in this category within months, rather than years, of publication. The present study is the outgrowth of the compilation of these manual and computer files.

The "Annotated List of Genera and Subgenera" contains all the names of brachiopod genera and subgenera published between 1775 and 1979. Literature citations for original publications are given for all valid genera and subgenera, including subjective synonyms. Symbols or annotations designate junior subjective synonyms, junior objective synonyms, junior homonyms, misspellings, nomina nuda, replacement names, and other nomenclatural problems. In literature citations, the page or plate number locates the designation of the type-species. Multiple citations are given if the taxon has been presented as "new" in more than one publication. The "Literature Cited" is

¹ Moore, Raymond C., editor, *Treatise on Invertebrate Paleontology, Part H: Brachiopoda*, 2 volumes (Lawrence, Kansas: The Geological Society of America and University of Kansas Press, 1965).

² Grant, R. E., "The Human Face of the Brachiopod," *Journal of Paleontology*, volume 54, number 3 (1980), pages 499–507, 9 figures.

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composed of those works referenced in the "Annotated List."

Notice of the publication of several genera was received too late to include them in the "Computerized List"; however, they have been added to the "Annotated List." These genera are as follows: *Achunoproductus* Ustritsky, 1971; *Agyrekia* Koneva, 1979; *Edreja* Koneva, 1979; *Infurca* Percival, 1979; *Ivshinella* Koneva, 1979; *Palaeoschmidites* Koneva, 1979; *Parvulaltarostrum* Sartenaer, 1979; *Pseudoprotathyris* Modzalevskaja, 1979; *Svalbardia* Afanasjeva, 1977a; *Tethorotes* Manankov, 1979; *Tythothyris* Zezina, 1979; and *Uraloproductus* Ustritsky, 1971.

The terminology used in the column heads of the "Computerized List of Valid Genera and Subgenera" is explained below. A number in parentheses marks each of the eight sortable data fields.

Genus(1): All nomina nuda, misspellings, junior objective synonyms, junior homonyms, ichnogenera, and other invalid names are omitted from the list. All subjective synonyms that are so indicated by the *Treatise* in 1965, however, are included in deference to each researcher's opinion.

Author(2): The author responsible for establishing the new genus or subgenus. The name is spelled in the manner in which it appeared on the original publication. For computer compatibility, lengthy multiple names are designated by the primary author plus et al. Some authors have published under several names: Jin Yu-gan has used Jing and Ching Yu-kan; G. A. Afanasjeva was once known as G. A. Besnossova; and A. Rollet became by marriage A. Boullier. Cross references, where name variations are known, are given in the "Literature Cited."

Date(3): The year in which the genus or subgenus was published.

Type-Species: The primary type of a genus or subgenus. In this category, the generic(4) as well as specific(5) term is sortable. The author/date(6) of publication of the type-species is included.

Superfamily(7): Superfamily designations come primarily from the *Treatise*. All new genera or subgenera after 1965 are placed in the superfam-

ily designated or created by the author. The author and date of publication of the superfamily is noted.

Range(8): Range designations come solely from the *Treatise*. No attempt has been made to expand the ranges as indicated by the *Treatise* or the ranges of all new genera subsequent to 1965.

It is hoped that all future publications that include new brachiopod genera will be sent to me so that pertinent data can be entered in the computer file and updated lists can be published periodically. I would also like to be informed of any errors or omissions in these lists.

ACKNOWLEDGMENTS.—To Dr. G. A. Cooper, I owe special thanks for creating the generic and specific files, for spending numerous hours assisting me with problems of nomenclature, and for reviewing this manuscript; to Mrs. Josephine W. Cooper, whose dedication to the maintenance of the bibliographic files and whose translation of the Russian literature made this work possible; to the entire staff of the National Museum of Natural History Library, especially Jack Marquardt, Carolyn Hahn, Betty Jean Swartz, Amy Levin, and Susan Mackler for their patient response to my many requests; to Dante Piacesi, who, along with Karen Collins, wrote the programs to enable me to modify and extract the raw data in a meaningful way; to Harrison Sheng and Yin Hongfu for their help in transliterating and translating the Chinese literature references; to Drs. Jess Johnson, Howard Brunton, and Bert Rowell, who kept me abreast of new brachiopod genera; to Barbara Spann, editor of series publications with the Smithsonian Institution Press, for assisting me in the researching and compiling of the bibliographic information; to Dr. Curtis Sabrosky, research entomologist, for his help with the International Code of Zoological Nomenclature; to Dr. Richard E. Grant, for allowing me the time to pursue this goal and for reviewing this manuscript. Finally, I would like to dedicate this work, not only to the many un-named friends who had a part in this project, but also to my wife, Joan, whose encouragement was a constant inspiration to me.

Annotated List of Genera and Subgenera

(* = junior subjective synonym (*Treatise*); ** = junior objective synonym;
† = junior homonym; ‡ = not included in "Computerized List")

- A*, Legrand-Blain, 1968 [un-named]
Abichia Askerov, 1964; 1965; 1967 [nomina nuda]
Abrekia Dagys, 1974:98
Abyssothyris Thomson, 1927:190
Acambona White, 1865:27
Acanthambonia Cooper, 1956c:212
Acanthatia Muir-Wood and Cooper, 1960:158
Acanthocosta Roberts, 1971:104
Acanthocrania Williams, 1943:71
Acanthoplecta Muir-Wood and Cooper, 1960:171
Acanthoproductus Martynova, 1970:59
Acanthorhynchia Buckman, 1914 [nomen nudum]; 1917:69
Acanthorthis Neuman, 1977:22
† *Acanthospira* Weller, 1914 [replaced by *Acanthospirina*]
Acanthospirifer Menakova, 1964:34
Acanthospirina Schuchert and LeVene, 1929:119 [new name for *Acanthospira*]
Acanthothiris Orbigny, 1850:323
Acanthothyris.—Bronn, 1862; Paetel, 1875 [misspelling of *Acanthothiris*]
Acanthothyropsis Kamyschan, 1973, in Kamyschan and Babanova, 1973:64
Acculina Misius, 1977, in Misius and Ushatinskaia, 1977:113
‡ *Achunoproductus* Ustritsky, 1971:21
Acidotocarena Liu, 1979:507
Acolosia Cooper and Grant, 1976a:2051
Acosarina Cooper and Grant, 1969:2
Acrites.—Davidson and King, 1874 [misspelling of *Acritis*]
** *Acritis* Volborth, 1869 [= *Aulonotreta*]
Acritosia Cooper and Grant, 1969:5
* *Acrosaccus* Willard, 1928:259 [= *Schizotreta*]
Acrospirifer Helmbrecht and Wedekind, 1923:952
Acrothele Linnarsson, 1876:21
Acrothyra Matthew, 1901:303
Acrothyris Hou, 1963:419
Acrotreta Kutorga, 1848:275
Acrotretella Ireland, 1961:1140
Actinoconchus McCoy, 1844:149
Actinomena Öpik, 1930:166
Acuminothyris Roberts, 1963:15
Acutatheca Stainbrook, 1945:55
Acutella Ljaschenko, 1973:119
(*Acutilineolus*) Amsden, 1978:31 [subgenus of *Eospirifer*]
Adiaphragma Xian, 1978b:299
Adminiculoria Waterhouse and Gupta, 1978b:133
Admixtella Rozman, 1978:84
Adolfia Gürich, 1909:137 [replacement by *Guerichella* invalid, *Adolfia* not preoccupied]
Adolfspirifer Krylova, 1962:75
Adrenia Chatterton, 1973:126
Adriana Gregorio, 1930a:29
Adygella Dagys, 1959a:25
Adygelloides Dagys, 1959a:28
Aegiria Öpik, 1933a:55
Aegiromena Havlíček, 1961b:450
Aegironetes Havlíček, 1967a:46
Aemula Steinich, 1968a:193
Aenigmastricklandia Ziegler, 1966:347
Aenigmastrophia Boucot, 1971:156
Aenigmathyris Cooper, 1971:F2
Aequspiriferina Yang and Yin, 1962, in Yang et al., 1962:110
Aerothyris Allan, 1939:245
Aesopomum Havlíček, 1965a:293
Aetheia Thomson, 1915b:389
Afghanispira Dagys, 1968 [nomen nudum]
Afghanospirifer Plodowski, 1968:255
Afilasma Stehli, 1961b:460
Agastapleura Xu, 1978:211
Agelesia Cooper and Grant, 1969:6
Agermella Pajaud and Patruilius, [1965]:582
Agramatia Sokolskaja, 1948:39
Agulhasia King, 1871:109
‡ *Agyrekia* Koneva, 1979:60
Ahtiella Öpik, 1932:37
Airtonia Cope, 1934:275
Ajukuzella Ovtsharenko, 1977 [nomen nudum]
Aktassia Popov, 1976, in Nazarov and Popov, 1976:37
Ala Nalivkin, 1979:135
Alaskospira Kirk and Amsden, 1952:61
Alatiformia Struve, 1963:499
Alatoproductus Ching and Zhu, 1978, in Jing and Hu, 1978:120
Aldanispirifer Alekseeva, 1967:96
Aldanotreta Pelman, 1977:51
Aldingia Thomson, 1916b:501
Aldynkulirhynchia Ovtsharenko, 1977 [nomen nudum]

- Alexenia* Ivanova, 1935, in Ivanov, 1935:89
Alichovia Gorjansky, 1969:97
Aliconchidium St. Joseph, 1942:247
†*Alifera* Muir-Wood and Cooper, 1960 [replaced by *Alitaria*]
Alimbella Andreeva, 1960, in Markowskii, 1960:293
Alipunctifera Waterhouse, 1975:17
Alisina Rowell, 1962:141
Alispira Nikiforova, 1961, in Nikiforova and Andreeva, 1961:243
Alispirifer Campbell, 1961:434
Alitaria Cooper and Muir-Wood, 1967:808 [new name for *Alifera*]
***Allanaria* Crickmay, 1953 [invalid new name for *Allanella*, *Allanella* not preoccupied]
Allanella Crickmay, 1953a:5 [replacement by *Allanaria* invalid, *Allanella* not preoccupied]
Allanetes Boucot and Johnson, 1967b:142
Allorhynchoides Savage, Eberlein, and Churkin, 1978:392
Allorhynchus Weller, 1910:509
Almerarhynchia Calzada Badía, 1974a:94
Almerasithyris Tchorschzewsky, 1973 [nomen nudum]
**Alphachoristites* Gatinaud, 1949:492 [= *Choristites*]
**Alphacyrtopsis* Gatinaud, 1949:490 [= *Cyrtiopsis*]
**Alphaneospirifer* Gatinaud, 1949:491 [= *Neospirifer*]
**Altaestrophia* Bublichenko, 1956:96 [= *Leptodontella*]
Altaethyrella Severgina, 1978:38
Altajella Kulkov, 1962:653
Altipectus Stehli, 1954:349
**Altorthis* Andreeva, 1960, in Markowskii, 1960:288
[= *Nothorthis*]
Alwynella Spjeldnaes, 1957:85
Alwynia Stehli, 1961b:464
Ambikella Sahní and Srivastava, 1956:207
Amblotrema Rafinesque, 1831 [incertae sedis]
Amblytrema.—Agassiz, 1846 [misspelling of *Amblotrema*]
Ambocoelia Hall, 1860:71
Amboglossa Wang and Zhu, 1979:60
Ambonorthella Bassett, 1972:66
Ambothyris George, 1931:42
Amesopleura Carter, 1967a:364
Ametoria Cooper and Grant, 1975:1055
Amissopecten Havlíček, 1960:243
Amoenspirifer Havlíček, 1957b:439
Amosina Boucot, 1975:360
Amphiolina Laube, 1865:28
Amphiclinodonta Bittner, 1888a:288
Amphigenia Hall, 1867b:163
Amphipella Cooper and Grant, 1969:11
Amphistrophia Hall and Clarke, 1892:292
Amphistropiella Harper and Boucot, 1978b:157
Amphithyris Thomson, 1918:20
Amphitomella Bittner, 1890:298
Amsanella Boucot, 1975 [nomen nudum]
Amsdenella Tillman, 1967:1251
Amsdenina Boucot, 1975:357
(*Amsdenostrophella*) Harper and Boucot, 1978b:158
[subgenus of *Amphistropiella*]
Amurothyris Koczyrkevici, 1976b:77
Amygdalocosta Waterhouse, 1967a:101
Anabaia Clarke, 1893, in Hall and Clarke, 1893:141
Anabaria Lopushinskaja, 1965:27
Anabolotreta Rowell and Henderson, 1978:8
Anadyrella Dagens, 1974:185
Anarhynchia Ager, 1964:63
Anastrophia Hall, 1867b:163 [new name for *Brachymerus*]
Anathyrella Khalin, 1960b:476
Anathyris Peetz, 1901:378
Anatrypa Nalivkin, 1941:172
Anazyga Davidson, 1882:128
Anchigonites Öpik, 1939:136
Ancillotoechia Havlíček, 1959b:78
Ancistrocrania Dall, 1877:13 [new name for *Cranopsis*]
Ancistrohyncha Ulrich and Cooper, 1942:624
Ancorhynchia Ching and Ye, 1979:101
Ancylostrophia Harper, Johnson, and Boucot, 1967:423
Andobolus Kozłowski, 1930:316
Aneboconcha Cooper, 1973b:28
Anechophragma Neuman, 1977:37
†*Anelasma* Ivanov, 1925 [replaced by *Brachythyrina*]
***Anelasmina* Semichatova, 1939 [= *Anelasma*]
Anemonaria Cooper and Grant, 1969:8
Aneuthelasma Cooper and Grant, 1976b:2906
Angarella Asatkin, 1932:486
Angulotreta Palmer, 1954:769
Angusticardinia Schuchert and Cooper, 1931:244
Angustothyris Dagens, 1972d:31
Anidanthus Hill, 1950:10
Anidanthus Whitehouse, 1928 [nomen nudum; = *Anidanthus* Hill, 1950]
Anisactinella Bittner, 1890:302
Anisopleurella Cooper, 1956c:805
Anomactinella Bittner, 1890:300
Anomalesia Cooper and Grant, 1976b:2819
Anomaloglossa Percival, 1978:125
Anomaloria Cooper and Grant, 1969:16
Anomalorthis Ulrich and Cooper, 1936b:622
Anoplia Hall and Clarke, 1892:309
Anopliopsis Girty, 1938:281
Anoplothea Sandberger, 1855:8
Anoptambonites Williams, 1962:170
Aneshia Termier and Termier, 1970:456
Anteletes.—Orbigny, 1850 [misspelling of *Enteletes*]
Antelocoelia Isaacson, 1977b:171
Anteridocus Cooper and Grant, 1976a:2055
Anthracospirifer Lane, 1963:388
Antigaleatella Sapelnikov and Rukavishnikova, 1975b:74
Antigonambonites Öpik, 1934:147
Antigoniarcua Elliott, 1959:146

- Antinomia* Catullo, 1851:75
Antinomya.—Davidson, 1853 [misspelling of *Antinomia*]
Antiplychina Zittel, 1880:704
Antiquatonia Miloradovich, 1945:499
Antirhynchonella Oehlert, 1887, in Fischer, 1887:1311
Antirhynchonella Quenstedt, 1871 [nomen nudum; = *Antirhynchonella* Oehlert, 1887]
Antispirifer Williams, 1916, in Williams and Breger, 1916:116
Antistrix Johnson, 1972:121
Antronaria Cooper and Grant, 1976a:2036
Apatomorpha Cooper, 1956c:709
Aparatorthis Öpik, 1933b:6
Aperispirifer Waterhouse, 1968a:35
Aphanomena Bergström, 1968:13
Aphaurosia Cooper and Grant, 1976a:2048
Aphelesia Cooper, 1959:41
**Apheoorthina* Havlíček, 1949a:99 [= *Apheoorthis*]
Apheoorthis Ulrich and Cooper, 1936b:620
Apicilirella Su, 1976:179
Apleurotis Rafinesque, 1819 [nomen nudum]
Apollonorthis Mitchell, 1974:392
Apomatella Schuchert and Cooper, 1931:245
Apopentamerus Boucot and Johnson, 1979:104
Aporthophyla Ulrich and Cooper, 1936b:625
Aporthophylina Liu, 1976:144
Apousiella Carter, 1972:732
Apringia Gregorio, 1886:23
Apsilingula Williams, 1977:403
Apsocalymma McIntosh, 1974:213
Apostreta Palmer, 1954:770
Araratella Sartenaer and Plodowski, 1975:5
Aratanea Schmidt, 1967:92
Araxathyris Grunt, 1965, in Ruzhentsev and Sarytcheva, 1965:240
Araxilevis Sarytcheva, 1965, in Ruzhentsev and Sarytcheva, 1965:221
Araxina Askerov, 1965; 1967 [nomina nuda]
Arbizustrophia Garcia-Alcalde, 1972c:57
Arcelimityris Almeras, 1971:173
Arceothyris Rollet, 1964:38
Archaeoorthis Schuchert and Cooper, 1931:243
Arcosarina Ching, Sun, and Ye, 1979:185
Arctitreta Whitfield, 1908:57
Arctochonetes Ifanova, 1968:29
Arctohedra Cooper, 1936:210
***Arctolaballa* Dagens, 1977 [= *Pseudolaballa*]
Arctomeristina Amsden, 1978:33
Arctospirifer Stainbrook, 1950:382
Arctothyris Dagens, 1965:140
Arcualla Walmsley and Boucot, 1975:79
Arcuatothyris Popiel-Barczyk, 1972:136
(*Arduennensisspirifer*) Kutscher and Mittmeyer, 1970 [subgenus of *Acrospirifer*; nomen nudum]
(*Arduspirifer*) Mittmeyer, 1972:101 [subgenus of *Acrospirifer*; elevated to genus by Mittmeyer in 1973]
Arenaciarcula Elliott, 1959:147
Arenorthis Havlíček, 1970b:29
Areostrophia Havlíček, 1965a:293
Argentiproductus Cooper and Muir-Wood, 1951:195 [new name for *Thomasella* Paul, 1942]
†*Argiope* Deslongchamps, 1842 [replaced by *Megathiris*]
Argovithyris Rollet, 1972:95
Argyope.—Davidson 1850 [misspelling of *Argiope*]
Argyrotheca Dall 1900:44 [new name for *Cistella*]
Arionthia Cooper and Grant, 1976b:2750
Arktikina Grunt, 1977a:69
Aromasithyris Almeras, 1971:544
Artimyctella Liu, 1979:508
Artiotreta Ireland, 1961:1138
Aseptalium Hou and Xian, 1975:37
Aseptella Martínez and Winkler, 1977:18
Aseptonetes Isaacson, 1977a:177
***Asioproductus* Chan, 1977; 1978; 1979 [= *Transennatia*]
Asperlinus Waterhouse and Piyasin, 1970:132
Aspidothyris Diener, 1908:59
Astegosia Cooper and Grant, 1969:16
Astraborthis Williams, 1974:69
Astutorhyncha Havlíček, 1961a:105
Asymphylotoechia Ross, 1970:60
Asyrinx Hudson and Sudbury, 1959:46
Asyrinxia Campbell, 1957:80
Atelelasma Cooper, 1956c:517
Atelestegastus Cooper and Grant, 1975:829
Atelithyris Smirnova, 1975c:77
**Athabascia* Crickmay, 1963:10 [= *Ladogioides*]
**Athyrella* Renz, 1913 [nomen nudum; = *Spirigerella*]
Athyryhynchus Johnson, 1973c:467
Athyris McCoy, 1844:147
Athyrisina Hayasaka, 1922:52
†*Athyrisinoides* Chen and Wan, 1978
Athyrisinoides Jiang, 1978:303
Atlantida Havlíček, 1971c:37
***Atretia* Jeffreys, 1870 [= *Cryptopora*]
Atribonium Grant, 1965:38
Atrypa Dalman, 1828:127
Atryparia Copper, 1966a:982
Atrypella Kozłowski, 1929:30
Atrypina Hall and Clarke, 1893:162
Atrypinella Khodalevich, 1939:45
Atrypoidea Mitchell and Dun, 1920:272
**Atrypopsis* Poulsen, 1943:44 [= *Dubaria*]
Atrythyris Struve, 1965a:218
Attenuatella Stehli, 1954:343
Auchmerella Struve, 1964c:521
Aulacella Schuchert and Cooper, 1931:246
Aulacophoria Schuchert and Cooper, 1931:247

- **Aulacorhyna* Strand, 1928:37 [new name for *Aulacorhynchus*; = *Isogramma*]
- †*Aulacorhynchus* Dittmar, 1872 [replaced by *Aulacorhyna*]
- Aulacothyris* Douvillé, 1879:277
- Aulacothyroides* Dagys, 1965:155
- Aulacothyropsis* Dagys, 1959b:99
- Aulidospira* Williams, 1962:252
- Aulonotreta* Kutorga, 1848:282
- Auloprotonia* Muir-Wood and Cooper, 1960:273
- Aulosteges* Heltersen, 1847:331
- Auriculispirina* Waterhouse, 1975:13
- Austinella* Foerste, 1909a:224
- Australiarcula* Elliott, 1960:26
- Australina* Clarke, 1912:10
- Australirhynchia* Savage, 1968b:731
- Australocoelia* Boucot and Gill, 1956:1174
- Australosia* McKellar, 1970:12
- Australospirifer* Caster, 1939:159
- Australostrophia* Caster, 1939:83
- †*Austriella* Bittner, 1890 [replaced by *Austriellula*]
- ***Austriellina* Schuchert and LeVene, 1929 [invalid new name for *Austriella*, already renamed]
- Austriellula* Strand, 1928:38 [new name for *Austriella*]
- Austrirhynchia* Ager, 1959:325
- Austrochoristites* Roberts, 1971:230
- Austronoptia* Isaacson, 1977a:178
- Austrospirifer* Glenister, 1956:58
- Austrothyris* Allan, 1939:238
- Avisyrinx* Martínez, 1975:33
- Avonia* Thomas, 1914:259
- Avonothyris* Buckman, 1917:102
- Axiodeaneia* Clark, 1917:375
- Azerithyris* Askerov, 1964; 1965; 1967 [nomina nuda]
- Babukella* Dagys, 1974:208
- Backhausina* Pajaud, 1966b:125
- Bactrynum* Emmerich, 1855:449
- Bagnorthis* Levy and Nullo, 1974a:184
- Bagrasia* Nalivkin, 1960, in Sarytcheva et al., 1960:231
- Bailliena* Nelson and Johnson, 1968:723
- Bajanhongorella* Rozman, 1977:124
- Bajanorthis* Andreeva, 1968, in Markowskii, 1968:73
- Bajkura* Ustritsky, 1963, in Ustritsky and Tschernjak, 1963:116
- Balakhonia* Sarytcheva, 1963, in Sarytcheva et al., 1963:231
- Balanoconcha* Campbell, 1957:86
- Balatonspira* Dagys, 1974:137
- Bancroftina* Sinclair, 1946:295 [new name for *Raymondella* Whittington, 1938]
- Bandoproductus* Ching and Sun, 1979 [nomen nudum]
- Barbaestrophia* Havlíček, 1965b:7
- Barbarorthis* Öpik, 1934:183
- ***Barrandella* Hall and Clarke, 1893 [= *Antirhynchonella* *Barrandina* Booker, 1926:132
- Barroisella* Hall and Clarke, 1892:63
- Barzellinia* Gregorio, 1930b:8
- Bashkiria* Nalivkin, 1979:144
- Basilicorhynchus* Crickmay, 1952:1
- Basiliola* Dall, 1908:442
- Basiola*.—Thomson, 1915 [misspelling of *Basiliola*]
- †*Bathycoelia* Foerste, 1909 [replaced by *Pionodema*]
- Bathymyonia* Muir-Wood and Cooper, 1960:245
- Bathynanus* Foster, 1974:80
- Bathyrhyncha* Fuchs, 1923:854
- Baturria* Carls, 1974:167
- Bazardarella* Ovtsharenko, 1977 [nomen nudum]
- Beachia* Hall and Clarke, 1893:260
- Beckmannia* Mohanti, 1972:166
- Beecheria* Hall and Clarke, 1893:300
- Beichuanella* Chen, 1978:339
- Beitaita* Rong and Yang, 1974:199
- Bejrutella* Tchorshzewsky, 1972:40
- (*Bekkerella*) Reed, 1936:39 [subgenus of *Rafinesquina*]
- †*Bekkerella* Rosenstein, 1943 [replaced by *Elsaella*]
- Bekkeromena* Röömusoks, 1963:235
- Belbekella* Moisseiev, 1939:195
- Beleutella* Litvinovich, 1967:55
- Bellaclathrus* Winters, 1963:26
- Bellimurina* Cooper, 1956c:854
- Belothyris* Smirnova, 1960:117
- **Benignites* Havlíček, 1952:409 [= *Merciella*]
- Bergalaria* Schmidt, 1975:101
- Beschevella* Poletaev, 1975:51
- **Betachoristites* Gatinaud, 1949:492 [= *Choristites*]
- **Betacyrtiopsis* Gatinaud, 1949:490 [= *Cyrtiopsis*]
- **Betaneospirifer* Gatinaud, 1949:491 [= *Neospirifer*]
- Biarea* Torbakova, 1959, in Khodalevich et al., 1959:75
- Bibatiola* Grant, 1976:136
- Bicarinatina* Batrukova, 1967 [nomen nudum]; 1969:59
- Bicia* Walcott, 1901:677
- Biconostrophia* Havlíček, 1956:562
- Bicornes* Quenstedt, 1852 [invalid name, Opinion 907 ICZN]
- Bicuspina* Havlíček, 1950:18
- Bidentatus* Khodalevich and Breivel, 1972, in Malygina et al., 1972:202
- Biernatella* Balinski, 1977:179
- Biernatium* Havlíček, 1975:234
- Bifida* Davidson, 1882:27
- Bifolium* Elliott, 1948:3
- Bihendulirhynchia* Muir-Wood, 1935:104
- Bihenithyris* Muir-Wood, 1935:111
- Bilaminella* Babanova, 1964:66
- Billingsella* Hall and Clarke, 1892:230
- †*Billingsia* Ford, 1886 [replaced by *Elkania*]
- Bilobia* Cooper, 1956c:760
- ***Bilobites* Linné, 1775 [= *Dicoelosia*]

- Bilotina* Reed, 1944:109
Bimuria Ulrich and Cooper, 1942:623
Biparetis Amsden, 1974:54
Biseptum Khodalevich and Breivel, 1959, in Khodalevich et al., 1959:39
Bisinocoelia Havlíček, 1953:7
**Bispinoproductus* Stainbrook, 1947:311 [= *Leioproductus*]
Bistramia Hoek, 1912, in Steinmann and Hoek, 1912:247
Bisulcata Boucot, 1975 [nomen nudum; = *Bisulcata* Boucot and Johnson, 1979]
Bisulcata Boucot and Johnson, 1979:117
Bisulcatella Boucot, 1975 [nomen nudum]
Bisulcina Titova, 1977:81
Bittnerella Dagens, 1974:77
Bittnerula Hall and Clarke, 1894:764
**Blairiella* Miller and Gurley, 1896 [nomen nudum; = *Rhipidomella*]
**Blasispirifer* Kulikov, 1950:6 [= *Spiriferella*]
Blochmannella Leidhold, 1921:356
Blyskavomena Havlíček, 1976:369
Bobinella Andreeva, 1968, in Markowskii, 1968:80
Bohrakella Moisseiev, 1936:47
Bohemella Schuchert and Cooper, 1931:242
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(*Boicinetes*) Havlíček and Racheboeuf, 1979:73 [subgenus of *Chonetes*]
Bojarinovia Aksarina, 1978, in Aksarina and Pelman, 1978:106
Bojodouwillina Havlíček, 1967a:171
Bojothyris Havlíček, 1957 [nomen nudum]; 1959a:247
Boloria Grunt, 1973, in Grunt and Dmitriev, 1973:119
Booralia Campbell, 1961:449
Boreadorthis Öpik, 1934:184
Borealirhynchia Su, 1976:194
Borealis Boucot, Johnson, and Rubel, 1971:274
Boreiospira Dagens, 1974:126
Boreiothyris Dagens, 1968:110
Bornhardtina Schulz, 1914:363
Borszhaviella Tchorschewsky, 1973 [nomen nudum]
Bosquetella Smirnova, 1969a:83
Bothrionia Cooper and Grant, 1975:985
Bothrostegium Cooper and Grant, 1974:330
Botsfordia Matthew, 1891:148
Boubeithyris Cox and Middlemiss, 1978:419
Bouchardia Davidson, 1850b:65
Bouchardiella Doello-Jurado, 1922:200
**Bouchardopsis* Maillieux, 1933 [nomen nudum; = *Tylothyris*]
Boucotella Bowen, 1966:186
Boucotia Gill, 1969:1227
Boucotides Amsden, 1968:44
Boucotinska Brunton and Cocks, 1967:180
Bouskia Havlíček, 1975:233
Brachiopus Rafinesque, 1831 [sine type]
†*Brachymerus* Shaler, 1865 [replaced by *Anastrophia*]
Brachymimulus Cockerell, 1929:105 [new name for *Mimulus*] (*Brachyprion*) Shaler, 1865:63 [subgenus of *Strophodonta*]
Brachyspirifer Wedekind, 1926:198
Brachythyrina Fredericks, 1929:385 [new name for *Anelasma*]
Brachythyrinella Waterhouse and Gupta, 1978a:425
Brachythyris McCoy, 1844:128
Brachyzyga Kozłowski, 1929:31
Bracteoleptaena Havlíček, 1963b:224
Brahimorthis Havlíček, 1971c:29
Branconia Gagel, 1890:62
Brandysia Havlíček, 1975:231
Branikia Havlíček, 1957b:437
**Branxtonia* Booker, 1930:30 [= *Wyndhamia*]
†*Brasilia* Clarke, 1913 [replaced by *Brasilina*, *Chapadella*, and *Oliveirella*]
Brasilica.—Greger, 1920 [misspelling of *Brasilia*]
**Brasilina* Clarke, 1921:139 [new name for *Brasilia*; = *Paranaia*]
Brasilioproductus Mendes, 1959:48
Brevicamera Cooper, 1956c:560
Brevilammulella Amsden, 1974:62
Brevilamula Amsden, 1974 [nomen nudum] (*Brevisseptum*) Sapelnikov, 1960b:109 [subgenus of *Conchidium*]
Brevispirifer Cooper, 1942:231
Brachocarina Brunton, 1968:31
Broeggeria Walcott, 1902:605
Bronnothyris Popiel-Barczyk and Smirnova, 1978:134
Brooksina Kirk, 1922:3
Browneella Chatterton, 1973:117
Brunmirhynchia Havlíček, 1979:97
Brynella Bancroft, 1933 [nomen nudum]
Bryorhynchus Cooper and Grant, 1969:11
Buchanathyris Talent, 1956:36
Bufocephalus Linné, 1779 [incertae sedis]
Bulahdelia Roberts, 1976, in Roberts et al., 1976:213
Bullarina Ching and Sun, 1979 [nomen nudum] (*Bullothyris*) Sučić-Protić, 1971:21 [subgenus of *Loboidothyropsis*]
Burmimirhynchia Buckman, 1915 [nomen nudum]; 1917:49
Burrirhynchia Owen, 1962:59
Bursula Klein, 1753 [nonbinomial]
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Bystromena Williams, 1974:146
***Cacata* Strand, 1928 [new name for *Thomsonia*; = *Coptothyris*]
Cacemia Mitchell, 1974:394
Cactosteges Cooper and Grant, 1975:850
Cadomella Munier-Chalmas, 1887, in Fischer, 1887:1285
Caenanoplia Carter, 1968:1143
Caenotreta Cocks, 1979a:94
Caeroplecia Williams, 1974:121

- Calcirhynchia* Buckman, 1914 [nomen nudum]; 1917:30
California.—Bassler, 1915 [misspelling of *Chytonia*]
 (*Calliapsida*) Grant, 1971:323 [subgenus of *Camerisma*]
Callicalyptella Boucot and Johnson, 1972:301
Calligypha Cloud, 1948:468
Calliomarginatia Ching, 1976, in Zhang and Ching, 1976:181
Callipentamerus Boucot, 1964a:887
Callipleura Cooper, 1942:228 [new name for *Cyclorhina*]
Calliprotonia Muir-Wood and Cooper, 1960:246
Callispirina Cooper and Muir-Wood, 1951:195 [new name for *Mansuyella*]
Callospiriferina Rousselle, 1977:157
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Camarelasma Cooper and Grant, 1976b:2900
Camarella.—Dall, 1877; Oehlert, 1887 [misspelling of *Camarella*]
 **Camarium* Hall, 1859b:43 [= *Merista*]
Camaphorella Hall and Clarke, 1893:215
Camaphoria.—Herrmannsen, 1846 [misspelling of *Camerophoria*]
Camaphorina Licharew, 1934a:213
Camaphorinella Licharew, 1936b:63
Camarospira Hall and Clarke, 1893:82
Camarothyridina Linnik, 1966:129
Camarotoechia Hall and Clarke, 1893:190
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Cambrotrophia Ulrich and Cooper, 1937:78 [new name for *Eostrophia*]
Camdella Ustritsky, 1971 [nomen nudum? misspelling of *Gamdaella*?]
Camerella Billings, 1859b:301
Camerisma Grant, 1965:64
 ***Camerophoria* King, 1844 [nomen nudum]; 1846 [= *Stenosisma*]
Camerophorina Schmidt, 1941:43
Camarothyris Bittner, 1890:318
Campages Hedley, 1905:43
Campylorthis Ulrich and Cooper, 1942:621
Canadospira Dagys, 1972c:40
 †*Canavaria* Merla, 1928 [replacement by *Gemmellaria* invalid, *Gemmellaria* preoccupied; replaced by *Sicelia*]
Cancellospirifer Campbell, 1953:10
Cancellothyris Thomson, 1926:525
Cancrinella Fredericks, [1928]:784
Cancrinelloides Ustritsky, 1963, in Ustritsky and Tschernjak, 1963:85
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Canthylotreta Rowell, 1966:5
 †*Capellinia* Hall and Clarke, 1893 [replaced by *Capelliniella*]
Capelliniella Strand, 1928:38 [new name for *Capellinia*]
 ***Capillifera* Jing and Hu, 1978:120; Ching and Ye, 1979:86 [invalid new name for *Chilianshania*, *Chilianshania* not preoccupied]
Capillirhynchia Buckman, 1914 [nomen nudum]; 1917:58
Capillirostra Cooper and Muir-Wood, 1951:195 [new name for *Rhynchonellopsis* Böse, 1894]
Capillithyris Katz, 1974:258
Capillonia Waterhouse, 1973:37
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Carbocyrtina Ivanova, 1975:81
Cardiarina Cooper, 1956a:527
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Cardinocrania Waagen, 1885:746
Cardiodonta Hall, 1850 [nomen nudum]
Cardiothyris Roberts, 1971:178
Caricula Grant, 1976:128
Carinagypha Johnson and Ludvigsen, 1972:128
 (*Carinastrophia*) Gratsianova, 1975:64 [subgenus of *Areostrophia*]
Carinatina Nalivkin, 1930:192
Carinatinella Gratsianova, 1967:97
Carinatorypa Copper, 1973:496
Cariniferella Schuchert and Cooper, 1931:246
Carinokoninckina Jin and Fang, 1977:59
Carlinia Gordon, 1971:259
 **Carlopsina* Reed, 1954:183 [= *Schellwienella*]
Carmanella Boucot, 1975 [nomen nudum]
Carneithyris Sahni, 1925:364
Carpatothyris Smirnova, 1975a:135
Cartorium Cooper and Grant, 1976a:2191
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Caryorhynchus Crickmay, 1952:1
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Catazyga Hall and Clarke, 1893:157
Cathaysia Ching, 1966, in Wang et al., 1966:372
Caucasella Moisseiev, 1934:83
Caucasithyris Askerov, 1964; 1965; 1967 [nomen nudum]
Caucasorhynchia Dagys, 1963:66
Caucasothyris Dagys, 1974:192
 **Causea* Wiman, 1905:53 [= *Mickwitzia*]
Cavatisinurostrum Sartenaer, 1972:2
Cedula Racheboeuf, 1979:256
Celebetes Grant, 1976:137
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Cenorhynchia Cooper and Grant, 1976a:1986
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 **Centrospirifer* Tien, 1938:111 [= *Cyrtospirifer*]

- Ceocypha* Grant, 1972:226
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Cererithyris Buckman, 1914 [nomen nudum]; 1917:109
Chaeniorhynchus Cooper and Grant, 1976a:1999
Chaganella Nikitin, 1974:65
Changshaispirifer Zhao, 1977:428
**Chaoella* Licharew, 1931:161 [= *Keyserlingina*]
Chaoiella Fredericks, 1933:31
Chaoina Ching, 1974:308
**Chapadella* Greger, 1920:70 [new name for *Brasilia*; = *Paranaia*]
Chapinella Savage, Eberlein, and Churkin, 1978:388
Charionella Billings, 1861b:148
Charionoides Boucot, Johnson, and Staton, 1964:817
Charltonithyris Buckman, 1915 [nomen nudum]; 1917:106
Chascothyris Holzapfel, 1895:234
Chathamithyris Allan, 1932:15
Chattertonia Johnson, 1976:789
Chatwinothyris Sahni, 1925:368
(*Chaulistomella*) Cooper, 1956c:432 [subgenus of *Multicostella*]
Cheirothyris Rollier, 1919:338
Cheirothyropsis Makridin, 1964:267
Chelononia Cooper and Grant, 1974:327
**Chemungia* Caster, 1939:107 [= *Strophonelloides*]
Cheniothyris Buckman, 1915 [nomen nudum]; 1917:128
Chianella Waterhouse, 1975:13
**Chilianshania* Yang and Ting, 1962, in Yang et al., 1962:86 [= *Monticulifera*]
**Chilidiopsis* Boucot, 1959b:25 [= *Fardenia*]
Chilidorthis Havlíček, 1972, in Havlíček and Josopait, 1972:342
Chimaerothyris Paulus, Struve, and Wolfart, 1963:463
Chivatschella Zavodowsky, 1968, in Markowskii, 1968:125
Chlidonophora Dall, 1903:1538
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Chnaurocoelia Johnson, Boucot, and Murphy, 1976:95
Choanodus Cooper and Grant, 1974:402
Choanoproducetus Termier and Termier, 1966 [nomen nudum]
Chondronia Cooper and Grant, 1976b:2854
†*Chonetella* Krotow, 1885 [replaced by *Chonetina*]
Chonetella Waagen, 1884:657
Chonetes Fischer de Waldheim, 1830, pl. 26
Chonetina Krotow, 1888:500 [new name for *Chonetella* Krotow, 1885]
Chonetinella Ramsbottom, 1952:13
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**Choniopora* Schauroth, 1854:546 [= *Acanthocrania*]
Chonopectella Sarytcheva, 1966:135 [new name for *Chonopectoides* Sarytcheva, 1965]
Chonopectoides Crickmay, 1963:23
†*Chonopectoides* Sarytcheva, 1965 [replaced by *Chonopectella*]
Chonopectus Hall and Clarke, 1892:312
Chonosteges Muir-Wood and Cooper, 1960:113
Chonostegoides Sarytcheva, 1965, in Ruzhentsev and Sarytcheva, 1965:212
Chonostrophia Hall and Clarke, 1892:311
Chonostrophella Boucot and Amsden, 1964:881
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Choristitella Ivanov and Ivanova, 1937:163
Choristites Fischer de Waldheim, 1825:8
Choristothyris Cooper, 1942:233
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Chynistrophia Havlíček, 1977b:301
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Cinctifera Muir-Wood and Cooper, 1960:166
Cinerorthis Havlíček, 1974:167
Cingulodermis Havlíček, 1971a:15
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†*Cistella* Gray, 1853 [replaced by *Argyrotheca*]
Cistellarcula Elliott, 1954:726
Clarkeia Kozłowski, 1923:86
Clarkella Walcott, 1908:111
Clathrithyris Smirnova, 1971 [nomen nudum]; 1974:48
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Clavigerina.—Marwick, 1946 [misspelling of *Clavigera*]
Clavodalejina Havlíček, 1977a:227
Cleidothyris.—Paetel, 1875 [misspelling of *Cleiothyris* Phillips, 1841; = *Athyris*]
Cleiothyridellina Waterhouse, 1978:82
Cleiothyridina Buckman, 1906b:324 [new name for *Cleiothyris* King, 1850]
†*Cleiothyris* King, 1850 [replaced by *Cleiothyridina*]
***Cleiothyris* Phillips, 1841 [= *Atrypa*]
Cliftonia Foerste, 1909b:82
Clinambon Schuchert and Cooper, 1932:115
Clintonella Hall and Clarke, 1893:160
Cliothyridina.—Girty, 1910 [improper emendation of *Cleiothyridina*]
**Cliothyris*.—Agassiz, 1846 [misspelling of *Cleiothyris* Phillips, 1841; = *Athyris*]
Cliothyris.—Hall and Clarke, 1893 [misspelling of *Cleiothyris* Phillips, 1841]
Clipsilia.—Dall, 1877 [misspelling of *Clipsilis*]
Clipsilis Rafinesque, 1820 [nomen nudum]
Clistotrema Rowell, 1963:35 [new name for *Orbicella*]
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- Clorindina* Khodalevich, 1939:11
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Comelicania Frech, 1901:551
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 **Conchidiella* Khodalevich, 1939:32 [= *Zdimir*]
Conchidium Oehlert, 1887, in Fischer, 1887:1311
Concinnispirifer Boucot, 1975:367
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 **Condrathyris* Minato, 1953:69 [= *Phricodothyris*]
Connectoproductus Donakova, 1974:173
Conodiscus Ulrich and Cooper, 1936b:619
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 ***Conradia* Hall, 1874 [= *Dinobolus*]
Contradouvillina Gratsianova, 1975:48
 **Coolinia* Bancroft, 1949a:7 [= *Fardenia*]
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 ***Cora* Fredericks, 1928 [= *Linoproductus*]
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 ***Corrugatella* Khalifin, 1948 [= *Cymostrophia*]
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Coscinophora Cooper and Stehli, 1955:469
Costachonetes Waterhouse, 1975:2
Costacranaena Johnson and Perry, 1976:631
 ***Costalosia* Waterhouse and Shah, 1966 [= *Lichareviella*]
Costanoplia Xu, 1977:65
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 †*Costellaria* Muir-Wood and Cooper, 1960 [replaced by *Costellarina*]
Costellarina Muir-Wood and Cooper, 1967, in Cooper and Muir-Wood, 1967:808 [new name for *Costellaria*]
Costellirostra Cooper, 1942:231
Costellispirifer Boucot, 1973:51
Costiferina Muir-Wood and Cooper, 1960:277
Costinifera.—Gobbett, 1963 [misspelling of *Costiferina*]
Costinorella Dagys, 1974:101
Costirhynchia Buckman, 1914 [nomen nudum]; 1917:39
 †*Costirhynchia* Dagys, 1974 [replaced by *Costirhynchopsis*]
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Costispiriferina Dagys, 1974:127
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Costistrophonella Harper and Boucot, 1978a:99
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 **Cranaenella* Fenton and Fenton, 1924:129 [= *Cranaena*]
Crania Retzius, 1781:72
Cranicella Rafinesque, 1815 [nomen nudum]
 †*Craniella* Oehlert, 1888 [replaced by *Petrocrania*]
Craniops Hall, 1859b:84
Craniotreta Termier and Monod, 1978:149
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 †*Cranopsis* Dall, 1871 [replaced by *Ancistrocrania*]
Craspedalosia Muir-Wood and Cooper, 1960:82
Craspedelia Cooper, 1956c:773
Craspedona Cooper and Grant, 1975:881
Crassatrypa Mizens, 1977b:54
 **Crassiorina* Havlíček, 1950:36 [= *Cryptothyris*]
Crassipunctatrypa Mizens and Rzonisnitskaja, 1979:63
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Cretirhynchia Pettitt, 1950:1
Cricosia Cooper, 1973c:384
Crinistrophia Havlíček, 1967a:134
 **Criopus* Poli, 1791:34 [= *Crania*]
 †*Crispella* Kozlowski, 1929 [replaced by *Howelleta*]
 **Cristiferina* Cooper, 1956c:961 [= *Paucicrura*]
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Crossalosia Muir-Wood and Cooper, 1960:76
Crozonorthis Melou, 1976:700
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- Cruricoelia* Sykes, 1964 [nomen nudum]
Crurirhynchia Dagens, 1961a:96
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Ctenokoninckina Xu, 1978b:283
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Cubanothyris Dagens, 1959a:35
Cudmorella Allan, 1939:242
Cumberlandina Boucot, 1975:371
Cunerhynchia Buckman, 1914 [nomen nudum]; 1917:35
Cunolites DeFrance, 1821 [nomen nudum]
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Curtirhynchia Buckman, 1914 [nomen nudum]; 1917:36
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†*Cyclorkhina* Hall and Clarke, 1893 [replaced by *Callipleura*]
Cyclospira Hall and Clarke, 1893:146
Cylothyrus McCoy, 1844:150
Cyclus Barrande, 1879 [nomen nudum; = *Paterula*]
Cydimia Chatterton, 1973:131
Cymatorhynchia Buckman, 1914 [nomen nudum]; 1917:53
Cymbidium Kirk, 1926:3
Cymbistropheodonta Harper and Boucot, 1978c:38
Cymbithyrus Cooper, 1952b:5
Cymostrophia Caster, 1939:39
Cyphomena Cooper, 1956c:841
(*Cyphomenoidea*) Cocks, 1968:316 [subgenus of *Cyphomena*]
Cyphotalasia Carter, 1967a:282
Cyphoterorhynchus Sartenaer, 1965b:55
Cyrolexis Grant, 1965:89
Cyrlaena.—Hall, 1867 [misspelling of *Cyrtina*]
Cyrtalasia Termier and Termier, 1970:455
Cyrtella Fredericks, [1924a]:312
Cyrtia Dalman, 1828:92
Cyrtina Davidson, 1858:66
Cyrtinaella Fredericks, 1916:18
**Cyrtinaellina* Fredericks, 1926:414 [= *Cyrtina*]
†*Cyrtinopsis* Fredericks, 1916 [replacement by *Davidsonella* Fredericks invalid, *Davidsonella* preoccupied; replaced by *Davidsonina*]
Cyrtinopsis Scupin, 1896:247
Cyrtiopsis Grabau, 1923:194
Cyrtotiscus Boucot and Harper, 1968:172
Cyrtotrella Schuchert and Cooper, 1931:243
Cyrtospirifer Nalivkin, 1924, in Fredericks, [1924a]:312
†*Cyrtolthea* Bittner, 1890 [replaced by *Thecocyrtella*]
Cyrtothyris Middlemiss, 1959:123

Dabashanospira Fu, 1979 [nomen nudum]
Dactylogonia Ulrich and Cooper, 1942:624
Dactylotreta Rowell and Henderson, 1978:3
Daghanirhynchia Muir-Wood, 1935:82
Dagnachonetes Afanasjeva, 1978:66
Dalaia Plodowski, 1968:256
**Dalejina* Havlíček, 1953:5 [= *Mendacella*]
**Dalejodiscus* Havlíček, 1961b:449 [= *Plectodonta*]
Dalerhynchus Bai, 1978, in Yoh and Bai, 1978:54
Dalinura Lee and Gu, 1976:245
Dalligas Steinich, 1968b:336
Dallina Beecher, 1893:382
Dallinella Thomson, 1915a:75
Dallithyrus Muir-Wood, 1959:303
Dalmanella Hall and Clarke, 1892:205
**Dalmanellopsis* Khalifin, 1948:208 [= *Levenea*]
Danella Pajaud, 1966a:70
(*Danocrania*) Rosenkrantz, 1964:515 [subgenus of *Crania*]
Darvasia Licharew, 1934a:213
Dasyalasia Muir-Wood and Cooper, 1960:77
Dasyaria Cooper and Grant, 1969:9
Datanga Yang, 1977:369; 1978a:122; 1978b:268
†*Davidsonella* Fredericks, 1926 [invalid new name for *Cyrtinopsis* Fredericks, 1916, *Davidsonella* preoccupied; replaced by *Davidsonina*]
Davidsonella Munier-Chalmas, 1880:279
†*Davidsonella* Waagen, 1885 [replaced by *Lakhmina*]
Davidsonia Bouchard, 1849:92
Davidsoniatrypa Lenz, 1968:182
Davidsonina Schuchert and LeVene, 1929:120 [new name for *Davidsonella* Fredericks, 1926]
Daviesiella Waagen, 1884:613
Davoustia Rachebocuf, 1976:68
Dawsonelloides Boucot and Harper, 1968:165
Daya.—Koken, 1896 [misspelling of *Dayia*]
Dayia Davidson, 1881c:291
**Dearbornia* Walcott, 1908:78 [= *Acrothele*]
Decoropugnax Havlíček, 1960:244
Decurtella Gaetani, 1966:344
Dedzetina Havlíček, 1950:33
Delepinea Muir-Wood, 1962:99

- Deltachania* Waterhouse, 1971, in Bamber and Waterhouse, 1971:217
- Deltarina* Cooper and Grant, 1976a:2012
- Delthyris*.—Herrmannsen, 1846 [misspelling of *Delthyris*]
- **Deltatreta* Ulrich, 1916 [nomen nudum]; 1926, in Butts, 1926:100 [= *Polytoechia*]
- Delthiridaea*.—Gray, 1848 [misspelling of *Delthyridae*]
- Delthyridae* McCoy, 1844 [nomen nudum]
- Delthyridae*.—Agassiz, 1846 [misspelling of *Delthyridae*]
- Delthyris* Dalman, 1828:120
- **Deltorthis* Ulrich, 1927 [nomen nudum; = *Polytoechia*]
- Demonedys* Grant, 1976:66
- ***Denckmannella* Schuchert and LeVene, 1929 [new name for *Denckmannia*]
- †*Denckmannia* Holzapfel, 1908 [replaced by *Macroplectane* and *Denckmannella*]
- ***Dentatrypa* Breivel, 1959 [= *Vagrana*]
- Denticuliphoria* Licharew, 1956, in Kiparisova et al., 1956:57
- Dentospiriferina* Dagys, 1965:109
- **Deothossia* Gatinaud, 1949:488 [= *Cyrtospirifer*]
- Derbyaeconcha* Licharew, 1934, in Zittel, 1934:507
- Derbyella* Grabau, 1931b:270
- Derbyia* Waagen, 1884:594
- Derbyina* Clarke, 1913b:212
- †*Derbyina* Grabau, 1931 [replaced by *Grabauellina*]
- Derbyoides* Dunbar and Condra, 1932:115
- Dereta* Elliott, 1959:147
- Desatrypa* Copper, 1964:363
- Desmoinesia* Hoare, 1960:226
- Desmorthis* Ulrich and Cooper, 1936b:624
- Desquamatia* Alekseeva, 1960:421
- Destombestium* Havlíček, 1971c:58
- Devonalosia* Muir-Wood and Cooper, 1960:84
- Devonamphistrophia* Harper and Boucot, 1978b:159 (*Devonaria*) Biernat, 1966:77 [subgenus of *Eodevonaria*]
- Devonochonetes* Muir-Wood, 1962:43
- Devonogyra* Havlíček, 1951:3
- Devonoproductus* Stainbrook, 1943a:55
- Diabolihrynchia* Drot, 1963:111
- Diambonia* Cooper and Kindle, 1936:356
- Diandongia* Rong, 1974:113
- Diaphelasma* Ulrich and Cooper, 1936b:629
- Diaphragmus* Girty, 1910:218
- Diazoma* Dürkoop, 1970:195
- Dicaelosia*.—King, 1850 [misspelling of *Dicoelosia*]
- Dicamara* Hall and Clarke, 1893:73
- Dicamaropsis* Amsden, 1968:85
- Dicellomus* Hall, 1871a:3
- Diceromyonia* Wang, 1949:35
- Dichospirifer* Brice, 1970:192
- Duchozygopleura* Renouf, 1972:121
- Diclipisites* Rafinesque, 1831 [incertae sedis]
- Diclisma* Rafinesque, 1831 [incertae sedis]
- Dicoelosia* King, 1850:106
- Dicoelostrophia* Wang, 1955:351
- **Dicraniscus* Meek, 1872:280 [= *Triplisia*]
- Dicrosia* Cooper, 1978:12
- Dictyoclostoidea* Wang and Ching, 1964, in Wang et al., 1964:265
- Dictyoclostus* Muir-Wood, 1930:103
- Dictyonathyrus* Xu, 1978b:287
- Dictyonella* Hall, 1868:274
- Dictyonina* Cooper, 1942:228 [new name for *Iphidella* Walcott, 1912]
- Dictyonites* Cooper, 1956c:187
- **Dictyostrophia* Caster, 1939:42 [= *Megastrophia*]
- Dictyothyris* Douvillé, 1879:267
- Dictyothyropsis* Barczyk, 1969:66
- Dicystoconcha* Termier, Termier, Lapparent, and Marin, 1974:123
- Didymelasma* Cooper, 1956c:615
- Didymoparcium* Lenz, 1977:62
- Didymospira* Salomon, 1895 [a group term, not generic]
- Didymothyris* Rübel and Modzalevskaia, 1967:238
- Dielasma* King, 1859:260
- Dielasmella* Weller, 1911:447
- Dielasmina* Waagen, 1882:359
- **Dielasmoides* Weller, 1911:444 [= *Dielasma*]
- ***Dienerella* Reed, 1931 [= *Waagenites*]
- ***Dienerina* Ozaki, 1931 [= *Elivina*]
- Dierisma* Ching, Sun, and Ye, 1979:133
- Diestothyris* Thomson, 1916b:504
- **Digitia* Gregorio, 1930a:32 [= *Leptodus*]
- Dignomia* Hall, 1871a:2 [nomen nudum]; 1872, plate 13.
- Digonella* Muir-Wood, 1934:550
- Diholkorhynchia* Yang and Xu, 1966:24
- Dimegelasma* Cooper, 1942:232
- Dimerella* Zittel, 1870:222
- **Dinapophysia* Maillieux, 1935:5 [= *Straelenia*]
- Dinarella* Bittner, 1892:25
- Dinarispira* Dagys, 1974:131
- Dinobolus* Hall, 1871a:4 (*Dinorthis*) Hall and Clarke, 1892:195 [subgenus of *Plaesiomys*]
- Dioristella* Bittner, 1890:299
- Diorthelasma* Cooper, 1956c:997
- **Diorthis* Kobayashi, 1937 [nomen nudum; = *Dinorthis*]
- Diparelasma* Ulrich and Cooper, 1936b:623
- Diphyites* Schroeter, 1779; Herrmannsen, 1846 [nonbinomial]
- Diplanus* Stehli, 1954:299
- Diplonorthus* Mitchell, 1977:30
- Diplospirella* Bittner, 1890:297
- Diraphora* Bell, 1941:243
- Dirinus* McCoy, 1844:44
- Discina* Lamarck, 1819:237
- Discimsca* Dall, 1871b:37

- **Discinolepis* Waagen, 1885:750 [= *Schizopholis*]
Discinopsis Matthew, 1892, in Hall and Clarke, 1892:106
Discomyorthis Johnson, 1970b:84
Discotreta Ulrich and Cooper, 1936b:619
Discradisca Stenzel, 1964:627
Disculina Deslongchamps, 1884:231
Dispiriferina Siblík, 1965:79
Ditreta Biernat, 1973:65
Divaricosta Cooper and Grant, 1969:11
Dmitria Sidiachenko, 1961:80
Dmitrispirifer Ljaschenko, 1973:126
Dnestrina Nikiforova and Modzalevskaia, 1968:206
Doleroides Cooper, 1930:375
Dolerorthis Schuchert and Cooper, 1931:244
Doloresella Sando, 1957:122
Donella Rotai, 1931:29
Dongbaella Ching and Ye, 1979:127
Dorashamia Sarytcheva, 1965, in Ruzhentsev and Sarytcheva, 1965:217
Dorsisinus Sanders, 1958, in Easton et al., 1958:53
Dorsoplicathyris Almeras, 1971:437
Dorsoscyphus Roberts, 1971:50
Dorytreta Cooper, 1956c:666
(*Dotswoodia*) McKellar, 1970:19 [subgenus of *Whidbornella*]
Douwillina Oehlert, 1887, in Fischer, 1887:1282
Douwillinaria Stainbrook, 1945:23
Douwillinella Spriestersbach, 1925:432
Douwillinoides Harper and Boucot, 1978b:152
Dowhatania Waterhouse and Gupta, 1978b:127
Drabodiscina Havlíček, 1972:231
Draborthis Marek and Havlíček, 1967:280
Drabovia Havlíček, 1950:45
Drabovinella Havlíček, 1950:50
Dracius Steinich, 1967:1146
Drahanorhynchus Havlíček, 1967a:203
Drahanostrophia Havlíček, 1967a:202
Drepanorhyncha Cooper, 1956c:627
**Drummuckina* Bancroft, 1949b:12 [= *Strophomena*]
Duarteia Mendes, 1959:59
Dubaria Termier, 1936:1266
Dubioleptina Havlíček, 1967a:70
**Dulankarella* Rukavischnikova, 1956:135 [= *Leptestiina*]
Dundrythyris Almeras, 1971:189
Durranelia Percival, 1979a:96
Duryella Boucot, 1975:370
Dushanirhynchia Wang and Zhu, 1979:42
Dyctionella.—Oehlert, 1887 [misspelling of *Dictyonella*]
Dyros Stehli, 1954:312
Dyschrestia Grant, 1976:101
Dyscolia Fischer and Oehlert, 1890:71
Dyscritothyris Cooper, 1979:15
Dysoristus Bell, 1944, in Lochman and Duncan, 1944:146
Dysozistus.—Gorjansky, 1960 [misspelling of *Dysoristus*]
Dyticospirifer Johnson, 1966b:1043
Dzieduszyckia Siemiradzki, 1909:85
Dzirulina Nutsubidze, 1945:188
Eatonia Hall, 1857:90
Eatonioides McLearn, 1918:138
Eccentricosta Berdan, 1963:254
Echinalosia Waterhouse, 1967b:167 [new name for *Multi-spinula* Waterhouse, 1966]
Echinaria Muir-Wood and Cooper, 1960:248
Echinauris Muir-Wood and Cooper, 1960:222
(*Echinirhynchia*) Childs, 1969:73 [subgenus of *Acanthorhynchia*]
Echinocoelia Cooper and Williams, 1935:844
Echinocoeliopsis Hamada, 1968b:17
Echinoconchus Weller, 1914:138
Echinospirifer Ljaschenko, 1973:109
Echinosteges Muir-Wood and Cooper, 1960:102
Ecnomiosa Cooper, 1977:129
Ectenoglossa Sinclair, 1945:63
Ectochoristites Campbell, 1957:71
Ectoposia Cooper and Grant, 1976b:2898
Ectorenselandia Johnson, 1973b:1105
(*Ectorhipidium*) Boucot, 1975 [nomen nudum; = (*Ectorhipidium*) Boucot and Johnson, 1979]
(*Ectorhipidium*) Boucot and Johnson, 1979:102 [subgenus of *Rhipidium*]
‡*Edreja* Koneva, 1979:49
Edriosteges Muir-Wood and Cooper, 1960:103
Ehlersella Boucot and Johnson, 1966a:569
Eichwaldia Billings, 1858:192
Eifelatrypa Copper, 1973:497
(*Eilotreta*) Amsden, 1968:36 [subgenus of *Onychotreta*]
Elasmothyris Cooper, 1956c:984
Elassonia Cooper and Grant, 1976a:1935
Elenchus Aleksandrov, 1973:118
Eleutherocrania Huene, 1899:212
Eleutherokomma Crickmay, 1950:219
†*Elina* Fredericks, 1924 [replaced by *Elinoria*]
**Elinoria* Cooper and Muir-Wood, 1951:195 [new name for *Elina*; = *Brachythyris*]
Elita Fredericks, 1918:87
Eliva Fredericks, [1924a]:319
Elivella Fredericks, [1924a]:316
**Elivina* Fredericks, [1924a]:314 [= *Spiriferella*]
Elkania Ford, 1886:325 [new name for *Billingsia*]
Ella Fredericks, 1918:87
Elliottella Stehli, 1955b:711 [new name for *Psilonotus*]
Elliottina Pajaud, 1963:996
**Ellipsothyris* Sahni, 1925:371 [= *Carneithyris*]
Elliptoglossa Cooper, 1956c:242
Elliptostrophia Havlíček, 1963b:225
Elmaria Nalivkin, 1947:133; 1951:28
**Elsaella* Alichova, 1960:192 [new name for *Bekkerella* Rosenstein, 1943; = *Heterorhina*]

- Elymospirifer* Wang, 1974, in Wang et al., 1974:40
Elyta.—Ivanova, 1960 [misspelling of *Elita*]
Elytha.—Fredericks, 1924 [misspelling of *Elita*]
Elythyna Rzonstnitskaja, 1952:61
Emanuella Grabau, 1923:192
Emeithyrus Xu, 1978b:301
Enallosia Cooper and Grant, 1976b:2859
Enantiosphen Whidborne, 1893:97
Enantiosphenella Johnson, 1974:67
Enchondrospirifer Brice, 1970:175
***Encucloedema* Foerste, 1912 [invalid new name for *Cyclocoelia*,
Cyclocoelia not preoccupied]
Enigmalosia Czarniecki, 1969:272
Enteles.—Schellwien, 1892; Clark, 1903 [misspelling of
Enteleles]
Enteletella Licharew, 1926:719
Enteleles Fischer de Waldheim, 1825:6
Enteletina Schuchert and Cooper, 1931:247
Enteletoides Stuckenbergh, 1905:60
Eoamphistrophia Harper and Boucot, 1978b:154
Eoanastrophia Nikiforova and Sapelnikov, 1973:65
Eobrachythyris Brice, 1970:182
Eochonetes Reed, 1917:915
Eochoristites Chu, 1933:29
Eocoelia Nikiforova, 1961, in Nikiforova and Andreeva,
1961:252
Eoconcha Cooper, 1951:4
Eoconchidium Rozman, 1967:62
Eoconulus Cooper, 1956c:283
Eocramatia Williams, 1974:129
Eodallina Elliott, 1959:146
Eodalmanella Havlíček, 1950:24
Eodevonaria Breger, 1906:534
Eodinobolus Rowell, 1963:37
Eoglossinotoechia Havlíček, 1959b:81
Eogryphus Hertlein and Grant, 1944:89
Eohemithyrus Hertlein and Grant, 1944:55
Eohemithyrus.—Cooper, 1959 [rejected emendation of *Eo-*
hemithyrus]
Eohowellella Lopushinskaja, 1976:79
Eokarpinskia Rzonstnitskaja, 1964:103
Eokirkidium Khodalevich and Sapelnikov, 1970:196
Eolacazella Elliott, 1953:694
Eolissochonetes Hoare, 1960:220
Eolyttonia Fredericks, [1924b]:25
Eomarginifera Muir-Wood, 1930:103
(*Eomarginiferina*) Brunton, 1966:230 [subgenus of *Eomargin-*
ifera]
Eomartiniopsis Sokolskaja, 1941:78
(*Omegastrophia*) Cocks, 1967:260 [subgenus of *Megastro-*
phia]
Eonativkinia Vladimirskaia, 1978 [nomen nudum]
**Eoobolus* Matthew, 1902:97 [= *Obolus*]
Eoorthis Walcott, 1908:103
Eoparaphorhynchus Sartenaer, 1961a:2
Eopentamerifera Boucot, 1975 [nomen nudum]
Eoperegrinella Ager, 1964:61
Eopholidostrophia Harper, Johnson, and Boucot, 1967:411
Eoplectodonta Kozlowski, 1929:30
Eoplicanoptia Boucot and Harper, 1968:168
**Eoreticularia* Nalivkin, 1924, in Fredericks, [1924a]:314 [= *Reticulariopsis*]
Eorhipidomella Hints, 1971:266
Eoschuchertella Gratsianova, 1974:83
Eoseptaliphoria Ching and Sun, 1976, in Ching et al., 1976:
294
Eosophragmophora Wang, 1974, in Wang et al., 1974:36
Eosotrematorthis Wang, 1955:336
Eospatrypa Copper, 1973:496
Eospirifer Schuchert, 1913, in Zittel, 1913:411
Eospiriferina Grabau, 1931a:494
(*Eospirigerina*) Boucot and Johnson, 1967a:90 [subgenus of
Spirigerina]
Eostrophalosia Stainbrook, 1943a:58
(*Eostropheodonta*) Bancroft, 1949a:9 [subgenus of *Stropho-*
donta]
†*Eostrophia* Ulrich and Cooper, 1936 [replaced by *Cambro-*
trophia]
Eostrophomena Walcott, 1905:256
(*Eostrophonella*) Williams, 1950:282 [subgenus of *Stropho-*
nella]
Eosyringothyris Stainbrook, 1943b:431
Eousella Ovtsharenko, 1976:26
***Epacroplecia* Williams, 1962 [= *Craigella*]
Ephippelasma Cooper, 1956c:261
Epicelia Grant, 1972:224
Epicyrta Deslongchamps, 1884:275
Epithyrus Phillips, 1841:55
Epithyroides Xu, 1978b:306
Epithyrus.—Paetel, 1875 [misspelling of *Epithyrus*]
Epitomonia Wright, 1968:128
(*Equirostra*) Cooper and Muir-Wood, 1951:195 [new name
for *Isorhynchus*; subgenus of *Parambonites*]
Erectocephalus Xian, 1978a:334
Eremithyrus Brügge, 1973:197
Eremotoechia Cooper, 1956c:513
Eremotrema Cooper, 1956c:960
Eriacatia Muir-Wood and Cooper, 1960:172
Eridmatius Branson, 1966:75
Eridorthis Foerste, 1909a:223
Erymnaria Cooper, 1959:64
Erymnia Cooper, 1977:92
Espella Nilova, 1965:102
Estlandia Schuchert and Cooper, 1931:245
Estonirhynchia Schmidt, 1954:236
Etheridgma Oehlert, 1887, in Fischer, 1887:1278
Etymothyrus Cloud, 1942:59
Eucalathis Fischer and Oehlert, 1890:72

- Eucharitina* Schmidt, 1955:121
Eudesella Munier-Chalmas, 1880:279
Eudesia King, 1850:144
Eudesites Rioult, 1966:74
Eudoxina Fredericks, 1929:382
Euidothyris Buckman, 1915 [nomen nudum]; 1917:101
Eumetabolotoechia Sartenaer, 1975:3
Eumetria Hall, 1863:54
**Eunella* Hall and Clark, 1893:290 [= *Cranaena*]
†*Eunoa* Clarke, 1902 [replaced by *Oxlosia*]
***Euobolus* Mickwitz, 1896 [= *Obolus*]
Euorthisina Havlíček, 1950:16
***Euproductus* Whitehouse, 1928 [= *Linoproductus*]
Euractinella Bittner, 1890:303
Eurekaspirifer Johnson, 1966b:1045
***Eurhynchonella* Leidhold, 1920 [= *Rhynchonella*]
Eurycolporhynchus Sartenaer, 1968d:566
Euryspirifer Wedekind, 1926:202
**Eurytalospirifer* Gatinaud, 1949:487 [= *Cyrtospirifer*]
Eurythyris Cloud, 1942:63
Eurytreta Rowell, 1966:9
Euterebratula Makridin, 1954 [nomen nudum]
Euthyris Quenstedt, 1869 [rejected name proposed to replace *Athyris*]
Euxinella Moisseiev, 1936:41
Evanescirostrum Sartenaer, 1965a:8
Evenkina Andreeva, 1961, in Nikiforova and Andreeva, 1961:96
Evenkinorthis Yadrenkina, 1977:27
Evenkorhynchia Rozman, 1969:102
(*Exatrypa*) Copper, 1967a:123 [subgenus of *Spinatrypa*]
Excavatorhynchia Jin and Fang, 1977:44
Exceptothyris Sučić-Protić, 1971:37

Faksethyris Asgaard, 1971:385
Falafer Grant, 1972:217
Fallax Atkins, 1960:72
Fallaxispirifer Su, 1976:226
Falsatrypa Havlíček, 1956:584
Famatinothis Levy and Nullo, 1973:146
Fardenia Lamont, 1935:311
Fascicosta Stehli, 1955c:71
Fascicostella Schuchert and Cooper, 1931:246
Fasciculina Cooper, 1952b:7
Fascifera Ulrich and Cooper, 1942:620
Fascistropheodonta Harper and Boucot, 1978c:24
Fascizetina Havlíček, 1975:232
Felinotoechia Havlíček, 1961a:73
Fenestrirostra Cooper, 1955a:57
Fenxiangella Wang, 1978:224
Ferganella Nikiforova, 1937:77
Ferganoproductus Galitzkaja, 1977:33
Ferrax Havlíček, 1975:231
Ferrythyris Almeras, 1971:218

Fezzanoglossa Havlíček, 1973, in Havlíček and Massa, 1973:273
Ffynnonia Neuman and Bates, 1978:592
Fibulistrophia Garcia-Alcalde, 1972b:43
Fidespirifer Ljaschenko, 1973:129
Filiconcha Dear, 1969:299
†*Fimbriaria* Muir-Wood and Cooper, 1960 [replaced by *Fimbrinia*]
Fimbrinia Cooper, 1972a:450 [new name for *Fimbriaria*]
Fimbriothyris Deslongchamps, 1884:273
Fimbrispirifer Cooper, 1942:231
Finkelburgia Walcott, 1905:277
Finospirifer Ying, 1979 [nomen nudum]
Fissirhynchia Pearson, 1977:48
Fissirostra.—Orbigny, 1847 [misspelling of *Fissurostra*]
**Fissurostra* Orbigny, 1847:269 [= *Trigonosemus*]
Fistulogonites Neuman, 1971:117
Fitzroyella Veevers, 1959:104
Flabellirhynchia Buckman, 1914 [nomen nudum]; 1917:65
Flabellocyrtia Chorowicz and Termier, 1975:235
Flabellothyris Deslongchamps, 1884:263
Flabellulirostrum Sartenaer, 1971:5
†*Fletcherina* Stehli, 1961 [replaced by *Fletcherithyris*]
Fletcherithyris Campbell, 1965:24 [new name for *Fletcherina*]
Fletcherithyroides Dagys, 1977a:14
Flexaria Muir-Wood and Cooper, 1960:259
Fluctuaria Muir-Wood and Cooper, 1960:304
Foliomena Havlíček, 1952:413
Fordinia Walcott, 1908:65
Forma Gregorio, 1930a:28
Formosarhynchia Seifert, 1963:177
(*Fossatrypa*) Mizens and Rzonstnizkaja, 1979:62 [subgenus of *Muniatrypa*]
Foveola Gorjansky, 1969:30
Franklinella Lenz, 1973:1405
Fredericksta Paeckelmann, 1931b:48 [new name for *Munia*]
**Frenula* Dall, 1871a:55 [= *Macandrewia*]
Frenulina Dall, 1895:724
Frieleia Dall, 1895:714
Fulcriphoria Carls, 1974:176
Furcirhynchia Buckman, 1914 [nomen nudum]; 1917:59
Furcitiella Cooper, 1956c:876
Fusella McCoy, 1844:128
Fusichonetes Liao, 1979 [nomen nudum]
Fusiproductus Waterhouse, 1975:12
Fusirhynchia Dagys, 1968:68
Fusispirifer Waterhouse, 1966:43

Gacella Williams, 1962:222
Gacina Stehli, 1961b:458
**Gagriella* Moisseiev, 1939:193 [= *Kolhidaella*]
Galateastrophia Harper and Boucot, 1978c:25
Galeatella Muir-Wood and Cooper, 1960:174

- †*Galeatella* Sapelnikov and Rukavischnikova, 1975 [replaced by *Galeatellina*]
Galeatellina Sapelnikov and Rukavischnikova, 1976:122 [new name for *Galeatella* Sapelnikov and Rukavischnikova, 1975]
Galliennithyris Rollet, 1966:304
Camdaella Miloradovich, 1947:92
Gamonetes Isaacson, 1977a:168
Gamphalosia Stainbrook, 1945:33
Gannania Fu, 1979 [nomen nudum]
Gasconsia Northrop, 1939:161
Gaspeia Clarke, 1907:277
Gastrodetoehia Sartenaer, 1965a:2
Gefonia Licharew, 1936a:264
Gegenella Lee and Gu, 1976:237
Geinitzia Hall, 1889 [nomen nudum; = *Conotreta*]
Gelidorthina Havlíček, 1974:168
Gelidorthis Havlíček, 1968:125
Gemerthyris Siblík, 1977:203
Gemmarcula Elliott, 1947:145
†*Gemmellaria* Fabiani and Ruiz, 1933 [invalid new name for *Canavaria*, *Gemmellaria* preoccupied; replaced by *Sicelia*]
Gemellarovia Cossman, 1898:77 [new name for *Megarhynchus*]
**Gemellaroiella* Mabuti, 1937:16 [= *Gemellarovia*]
Gemmlicosta Waterhouse, 1971, in Bamber and Waterhouse, 1971:210
Geniculifera Muir-Wood and Cooper, 1960:187
(*Geniculomclearnites*) Harper and Boucot, 1978b:132 [subgenus of *Mclearnites*]
Georgethyris Minato, 1953:68
Geranocephalus Crickmay, 1954:157
Gerassimovia Licharew, 1956, in Kiparisova et al., 1956:59
Gerothyris Struve, 1970:537
Geyerella Schellwien, 1900:12
†*Geyeria* Carapezzi and Schopen, 1899 [replaced by *Carapezzia*]
Gibberostrophia Harper and Boucot, 1978a:79
Gibbirhynchia Buckman, 1914 [nomen nudum]; 1917:43
Gibbithyris Sahni, 1925:372
(*Gibbochoneles*) Aisenverg, 1971:70 [subgenus of *Delepineia*]
Gibbospirifer Waterhouse, 1971, in Bamber and Waterhouse, 1971:221
†*Gigantella* Sarytcheva, 1928 [replaced by *Gigantoproductus*]
Gigantoproductus Prentice, 1950:437 [new name for *Gigantella*]
Gigantorhynchus Sapelnikov and Malygina, 1977:62
Gigantothyris Seifert, 1963:180
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Giraldibella Havlíček, 1977a:87
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Girtyella Weller, 1911:443
Gisilina Steinich, 1963:735
Gjelispintifera Ivanova, 1975:86
Glabriconetina Waterhouse, 1978:130
Glaciarcula Elliott, 1956:285
Gladiostrophia Havlíček, 1967a:141
Glassia Davidson, 1881b:11
Glassina Hall and Clarke, 1893:97
Glazewska Pajaud, 1964 [nomen nudum]; 1964:260
Glendonina McClung and Armstrong, 1978:2
Globiella Muir-Wood and Cooper, 1960:305
Globirhynchia Buckman, 1914 [nomen nudum]; 1917:48
Globispirifer Tachibana, 1964:37
Globithyris Cloud, 1942:82
Globosobucina Waterhouse and Piyasin, 1970:123
Globosochoneles Brunton, 1968:48
Glossella Cooper, 1956c:228
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†*Glossina* Phillips, 1848 [replaced by *Palaeoglossa*]
(*Glossinotoehia*) Havlíček, 1959b:79 [subgenus of *Glossinulus*]
Glossinulina Johnson, 1975:958
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***Glossostrophia* Williams, 1950 [= *Leptodontella*]
Glossothiris.—Gregorio, 1891 [misspelling of *Glossothyris*]
***Glossothyris* Douvillé, 1879 [= *Nucleata*]
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Glyptambonites Cooper, 1956c:713
Glypterina Boucot, 1970:984
Glyptias Walcott, 1901:675
†*Glyptoglossa* Cooper, 1956 [replaced by *Glyptoglossella*]
Glyptoglossella Cooper, 1960:601 [new name for *Glyptoglossa*]
Glyptomena Cooper, 1956c:881
Glyptoria Cooper, 1976:281
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Gmelinmagas Marinelarena, 1964:268
Gnathorhynchia Buckman, 1914 [nomen nudum]; 1917:29
Goleomixa Grant, 1976:180
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Gondolina Ching and Liao, 1966, in Wang et al., 1966:412
Goniarina Cooper and Grant, 1969:2
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**Goniocoelia* Hall, 1861:101 [= *Pentagonia*]
Goniophoria Janischewsky, 1910:81
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- Goniotrema* Ulrich and Cooper, 1936b:626
Gonotrema Rafinesque, 1820 [nomen nudum]
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 (*Gotatrypa*) Struve, 1966:129 [subgenus of *Atrypa*]
Gotlandia Dall, 1870 [new name for *Trimerella*, withdrawn by Dall in 1871]
 **Grabauellina* Licharew, 1934, in Zittel, 1934:507 [new name for *Derbyina* Grabau, 1931; = *Derbyia*]
 **Grabaucyrtiopsis* Gatinaud, 1949:490 [= *Cyrtiopsis*]
 **Grabauspirifer* Gatinaud, 1949:413 [= *Cyrtospirifer*]
Gracianella Johnson and Boucot, 1967:868
Gracilotoechia Baranov, 1977:78
Grammetaria Cooper, 1959:58
Grammorhynchus Roberts, 1971:144
Grandaurispina Muir-Wood and Cooper, 1960:306
Grandirhynchia Buckman, 1914 [nomen nudum]; 1917:40
 **Grandispirifer* Yan, 1959:116 [= *Unispirifer*]
Grantonia Brown, 1953:60
Granulirhynchia Buckman, 1914 [nomen nudum]; 1917:64
Grasirhynchia Owen, 1968:19
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 ***Gratiosina* Grant, 1976 [= *Transennatia*]
Grayna Boucot, 1975:354
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 **Greenockia* Brown, 1952:91 [= *Hemiplethorhynchus*]
Groardia Spjeldnaes, 1957:61
Gruenewaldtia Tschernyschew, 1885:46
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Guangxiispirifer Xian, 1978a:316
Gubleria Termier and Termier, 1960:241
 **Guerichella* Paeckelmann, 1913 [invalid new name for *Adolfia*, *Adolfia* not preoccupied]
 **Guerichia* Wedekind, 1926 [nomen nullum; = *Adolfia*]
Guicyrtia Wang and Zhu, 1979:59
Guizhouella Yang, 1978a:124
Gunnarella Spjeldnaes, 1957:149
Gunningblandella Percival, 1979a:111
Gusarella Prosorovskaja, 1962:111
 **Guseriplia* Dagens, 1963:107 [= *Sinuocosta*]
Guttasella Neuman, 1977:31
Gwynia King, 1859:258
Gypidia Dalman, 1828 [invalid name; = *Pentamerus*]
Gypidium.—Beyrich, 1837 [misspelling of *Gypidia*]
Gypidula Hall, 1867b:163
Gypidulella Khodalevich and Breivel, 1959, in Khodalevich et al., 1959:26
Gypidulina Rzonstnitskaja, 1956, in Kiparisova et al., 1956:49
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 **Hamletella* Hayasaka, 1953:92 [= *Orthothetina*]
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Hansotreta Krause and Rowell, 1975:46
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Haplospirifer Lee and Gu, 1976:280
Harknessella Reed, 1917:862
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 **Harttina* Hall and Clarke, 1893:292 [= *Romingerina*]
Havlicekia Boucot, 1963:693
Haydenella Reed, 1944:79
Haydenoides Chan, 1977:352; 1979, in Hou et al., 1979:82
Hebertella Hall and Clarke, 1892:198
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 ***Hectoria* Trechmann, 1918 [invalid new name for *Clavigera*, *Hectoria* preoccupied; replaced by *Hectorina*; *Clavigera* not preoccupied]
 ***Hectorina* Finlay, 1927 [invalid new name for *Hectoria*; *Clavigera* not preoccupied]
Hedena Boucot, 1957:323
 (*Hedstroemina*) Bancroft, 1929:58 [subgenus of *Kjaerina*]
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Helenathyris Alekseeva, 1969:1157
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Hemiplethorhynchus Peetz, 1898:181
 (*Hemipronites*) Pander, 1830:74 [subgenus of *Clitambonites*]
Hemiptychina Waagen, 1882:363
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Hemithyropsis Katz, 1974:254
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- Hercothyris* Cooper, 1979:25
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Hesperithyris Dubar, 1942:78
Hesperomena Cooper, 1956c:744
Hesperonomia Ulrich and Cooper, 1936b:621
Hesperonomiella Ulrich and Cooper, 1936b:622
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**Heterelasmina* Licharew, 1939:120 [= *Jisuina*]
Heterorthella Harper, Boucot, and Walmsley, 1969:79
Heterorthina Bancroft, 1928b:59
Heterorthis Hall and Clarke, 1892:202
Himalairhynchia Ching and Sun, 1976, in Ching et al., 1976:292
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Hinniphoria.—Bronn, 1862 [misspelling of *Hynniphoria*]
Hipparionix Vanuxem, 1842:124
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Hircinisca Havlíček, 1960:241
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†*Hirsutina* Kirchner, 1933 [replaced by *Hirsutella*]
Hisingerella Henningsmoen, 1948, in Waern et al., 1948:388
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Holcorhynchia Buckman, 1914 [nomen nudum]; 1917:28
Holcospirifer Bassett, Cocks, and Holland, 1976:620
Holcothyris Buckman, 1915 [nomen nudum]; 1917:125
Hollardiella Drot, 1966:877
Holorhynchus Kiaer, 1902:68
Holosia Cooper and Grant, 1976a:1971
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Holtedahlina Foerste, 1924:123
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Homoeorhynchia Buckman, 1914 [nomen nudum]; 1917:36
Homoeospira Hall and Clarke, 1893:112
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**Homotreta* Bell, 1941:230 [= *Prototreta*]
Hontorialosis Martínez, 1979:119
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Howellites Bancroft, 1945:203
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Hunanoproductus Hou, 1965:117
**Hunanospirifer* Tien, 1938:139 [= *Cyrtospirifer*]
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Hungariheca Dagys, 1972b:97
Hustedia Hall and Clarke, 1893:120
Hustedtiella Dagys, 1972a:100
Hyatella.—Cossmann, 1898 [misspelling of *Hyattella*]
†*Hyattella* Hall and Clarke, 1894 [replaced by *Hyattidina*]
Hyattidina Schuchert, 1913, in Zittel, 1913:415 [new name for *Hyattella*]
Hyborhynchella Cooper, 1955a:59
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Hypopsia Cooper and Grant, 1974:272
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†*Hypothyris* King, 1846 [replaced by *Hypothyridina*]
***Hypothyris* Phillips, 1841 [= *Kallirhynchia*]
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Hypsomyonia Cooper, 1955a:53
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†*Hystricina* Stainbrook, 1945 [replaced by *Spinatrypa*]
Hystriculina Muir-Wood and Cooper, 1960:211

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Iberithyris Kvakhadze, 1971 [nomen nudum]; 1972:75
**Icodonta* Bell, 1941:213 [= *Micromitra*]
(*Idioglyptus*) Northrop, 1939:173 [subgenus of *Cymostrophia*]
**Idiorthis* McLearn, 1924:56 [= *Dalmanella*]
Idiospira Cooper, 1956c:691
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Iheringithyris Levy, 1961:84
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* (*Imperia*) Gregorio, 1930a:31 [subgenus of *Lyttonia*; = *Lep-todus*]
Implexina Poletaev, 1971, in Aisenverg, 1971:79
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- (*Independatrypa*) Copper, 1973:493 [subgenus of *Desquamata*]
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†*Infurca* Percival, 1979b:185
**Ingelarella* Campbell, 1959:341 [= *Tomioopsis*]
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**Iniathyris* Besnossova, 1963, in Sarytcheva et al., 1963:312
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Innuitella Crickmay, 1968:5
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†*Iphidea* Billings, 1872 [replaced by *Iphidella* Walcott, 1905]
**Iphidella* Walcott, 1905:304 [new name for *Iphidea*; = *Paterina*]
†*Iphidella* Walcott, 1912 [replaced by *Dictyonina*]
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Irgistella Tjazheva, 1972, in Tjazheva and Zhavoronkova, 1972:90
Irhirea Havlíček, 1971c:44
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**(Irma)* Gregorio, 1930a:32 [subgenus of *Lyttonia*; = *Leptodus*]
Iru Öpik, 1934:89
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**Isjumnella* Makridin, 1954; 1955 [nomina nuda; = *Isjumnelina*]
Isjumnelina Makridin, 1960, in Rzonstnitskaja et al., 1960:254
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Isocrania Jaekel, 1902:1063
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Isophragma Cooper, 1956c:733
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†*Isorhynchus* King, 1850 [replaced by *Equirostra*]
Isorthis Kozłowski, 1929:29
(*Isospinatrypa*) Struve, 1966:155 [subgenus of *Spinatrypa*]
Isovella Breivel and Breivel, 1970a:52
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**Iubagraspirifer* Gatinaud, 1949:487 [= *Cyrtospirifer*]
**Iugrabaspirifer* Gatinaud, 1949:487 [= *Cyrtospirifer*]
Ivanothyris Havlíček, 1957b:440
Ivanovia Ivanova, 1949 [nomen nudum?]
Ivanoviella Makridin, 1954 [nomen nudum?]; 1955:83
Ivdelinia Andronov, 1961:45
‡*Iushinella* Koneva, 1979:54
Iwaispirifer Tachibana, 1964:39

Jaanussonites Neuman, 1977:26
†*Jacobella* Patte, 1926 [invalid new name for *Austriella*, *Jacobella* preoccupied; replaced by *Austriellula*]
Jaffaia Thomson, 1927:254
Jaisalmeria Sahni, 1955:187
(*Jakutella*) Abramov, 1970:119 [subgenus of *Krotovia*]
Jakutochonetes Afanasjeva, 1977a:31
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Junnanellina.—Rzonstnitskaja, 1958 [transliteration of *Yunnanellina*]
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Karadagella Babanova, 1965:95
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Kardonikithyris Tchorszhewsky, 1973 [nomen nudum]
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- Karpathothyris* Tchorszewsky, 1973 [nomen nudum]
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Kasakhstania Besnossova, 1968, in Sarytcheva, 1968:179
Kassinella Borissiak, 1956, in Kiparisova et al., 1956:50
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Kaysarella Hall and Clarke, 1892:259
Kayseria Davidson, 1882:21
Kayseringia.—Beecher, 1891 [misspelling of *Keyserlingia*]
Kelusia Mamedov, 1978:200
Kendzhilgithyris Ovtsharenko, 1977 [nomen nudum]
Keratothyris Tuluweit, 1965:76
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 **Kestonithyris* Sahni, 1925:363 [= *Gibbithyris*]
Keyserlingia Pander, 1861:46
Keyserlingina Tschernyschew, 1902:475
Khinganospirifer Su, 1976:221
 (*Khodalevichia*) Boucot and Johnson, 1979:116 [subgenus of *Kirkidium*]
Khodalevichia Boucot, 1975 [nomen nudum]
Kiaeromena Spjeldnaes, 1957:183
Kiangsiella Grabau and Chao, 1927:103
Kikaithyris Yabe and Hatai, 1941:495
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Kinelina Ljaschenko, 1969b:35
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Kinnella Bergström, 1968:11
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 ***Klitambonites* Pander, 1830 [= *Clitambonites*]
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Koeskallina Dagys, 1965:172
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Komiella Barchatova, 1970 [nomen nudum]
Komispirifer Ljaschenko, 1973:105
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Koninckia.—Suess, 1854 [misspelling of *Koninckina*]
Koninckina Suess, 1853, in Davidson, 1853:92
Koninckodonta Bittner, 1893:137
Konstantia Glazewski and Pajaud, 1970, in Pajaud, 1970:189
- Kortugina*.—Davidson, 1871 [misspelling of *Kutorgina*]
Kosirium Ficner and Havlíček, 1975:362
Kotujella Andreeva, 1962:94
Kozlowskia Fredericks, 1933:29
 †*Kozlowskiella* Boucot, 1957 [replaced by *Kozlowskiellina*]
Kozlowskiellina Boucot, 1958:1031 [new name for *Kozlowskiella*]
 (*Kozlowskites*) Havlíček, 1952:406 [subgenus of *Eoplectodonta*]
Kransia Westbroek, 1967:81
 †*Kraussia* Davidson, 1852 [replaced by *Kraussina*]
Kraussina Davidson, 1859, in Suess, 1859b:210 [new name for *Kraussia*]
Kraussinina.—Paetel, 1875 [misspelling of *Kraussina*]
 (*Krejcigraffella*) Struve, 1978:97 [subgenus of *Schuchertellopsis*]
Krotovia Fredericks, [1928]:780
Kueichowella Yang, 1978b:267
Kullervo Öpik, 1932:70
Kulumbella Nikiforova, 1960:61
Kumbella Khodalevich, 1975:137
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Kutchirhynchia Buckman, 1914 [nomen nudum]; 1917:54
Kutchithyris Buckman, 1915 [nomen nudum]; 1917:113
Kutorgina Billings, 1861a:8
Kutorginella Ivanova, 1951:329
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Kvesanirhynchia Kvakhadze, 1976:505
Kwangsia Grabau, 1931a:205
Kwangsiella.—Grabau, 1932 [misspelling of *Kwangsia*]
Kwangsirhynchus Hou and Xian, 1975:38
Kymatothyris Struve, 1970:533
 (*Kyrtatrypa*) Struve, 1966:135 [subgenus of *Atrypa*]
- Labatia* Licharew, 1956, in Kiparisova et al., 1956:66
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- Laevicamera*.—Grabau, 1936 [improper emendation of *Levicamera*]
(Laevicyphomena) Cocks, 1968:317 [subgenus of *Cyphomena*]
Laevigaterhynchia Wiśniewska-Żelichowska, 1978:112
Laevirhynchia Dagens, 1974:91
Laevispirifer Ushatinskaja, 1977a:137
Laevithyris Dagens, 1974:198
Laioporella Ivanova, 1975:83
 **Lakhmina* Oehlert, 1887, in Fischer, 1887:1265 [new name for *Davidsonella* Waagen, 1885; = *Neobolus*]
Lamanskya Moberg and Segerberg, 1906:71
 **Lamarckispirifer* Gatinaud, 1949:489 [= *Cyrtospirifer*]
Lambdarina Brunton and Champoin, 1974:819
Lamellaerhynchia Burri, 1953:274
Lamelliconchidium Kulkov, 1968:38
 ***Lamellispirifer* Nalivkin, 1937 [= *Mucrospirifer*]
Lamellokoninckina Jin and Fang, 1977:57
Lamellosia Cooper and Grant, 1975:1270
Laminatia Muir-Wood and Cooper, 1960:190
Lamnaespinia Waterhouse, 1976:244
Lammimargus Waterhouse, 1975:10
Lancangjiangia Jin and Fang, 1977:50
Lanceomyonia Havlíček, 1960:243
Langella Mendes, 1961a:3
Langkawia Hamada, 1969a:261
Laosia Mansuy, 1913:83
Laqueus Dall, 1870:123
Larium Gregorio, 1930a:25
Lateralatirostrum Sartenaer, 1979a:539
Laticrura Cooper, 1956c:980
Latiplecus Lee and Gu, 1976:299
Latiproductus Sarytcheva and Legrand-Blain, 1977:75
Latonotoechia Havlíček, 1960:244
Lazutkinia Rzonstnitskaja, 1952:152
Leangella Öpik, 1933a:42
Leiochonetes Roberts, 1976:26
Leiolepismatina Yang and Xu, 1966:39
Leioproductus Stainbrook, 1947:308
Leiorhynchoidea Cloud, 1944, in King et al., 1944:57
Leiorhynchoides Dovgal, 1953:140
Leiorhynchus Hall, 1860:75 [replacement by *Nudirostra* invalid, *Leiorhynchus* not preoccupied]
Leioria Cooper, 1976:284
Leioseptathyris Wu, 1974, in Wang et al., 1974:42
Lenatoechia Nikiforova, 1970:106
Lenorthis Andreeva, 1955:69
Lenothyris Dagens, 1968:100
Lepidocrania Cooper and Grant, 1974:246
Lepidocycloides Nikiforova, 1961, in Nikiforova and Andreeva, 1961:212
Lepidocyclus Wang, 1949:12
Lepidoleptaena Havlíček, 1963b:224
Lepidorhynchia Burri, 1956:689
Lepidorthis Wang, 1955:331
Lepidospirifer Cooper and Grant, 1969:15
 **Lepusmatina* Wang, 1955:353 [= *Psioidea*]
Leptaena Dalman, 1828:94
 **Leptaenalia* King, 1845 [nomen nudum; = *Strophalosia*]
 **Leptaenella* Fredericks, 1918:89 [= *Leptaena*]
 ***Leptaenella* Sokolskaja, 1952 [= *Leptagonia*; junior homonym of *Leptaenella* Fredericks]
Leptaenisca Beecher, 1890:239
Leptaenoidea Hedström, 1917:5
Leptaenomendax Garcia-Alcalde and Martínez-Chacon, 1978:255
Leptaenopoma Marek and Havlíček, 1967:282
Leptaenopyxis Havlíček, 1963b:224
 **Leptaenulopsis* Haupt, 1878 [nomen nudum?; = *Leptaena*]
Leptagonia McCoy, 1844:117
Leptalosia Dunbar and Condra, 1932:260
Leptathyris Siehl, 1962:212
Leptella Hall and Clarke, 1892:293
Leptellina Ulrich and Cooper, 1936b:626
Leptelloidea Jones, 1928:385
 **Leptembolon* Mickwitz, 1896:130 [= *Lingulella*]
Leptestia Bekker, 1922:363
Leptestiina Havlíček, 1952:412
Leptobolus Hall, 1871b:3
Leptobulus.—Hall, 1871 [misspelling of *Leptobolus*]
Leptocaryorhynchus Sartenaer, 1970:14
Leptochonetes Havlíček and Racheboeuf, 1979:89
Leptocoelia Hall, 1857:108
Leptocoelina Johnson, 1970b:170
Leptodontia Khalifin, 1955:237 [new name for *Oehlertia*]
Leptodontella Khalifin, 1948:254
Leptodus Kayser, 1883:161
Leptogonia.—Agassiz, 1846 [misspelling of *Leptagonia*]
 **Leptoptilum* Öpik, 1930:130 [= *Leptestia*]
Leptoskelidion Amsden, 1974:47
Leptospira Boucot, Johnson, and Staton, 1964:814
Leptostrophia Hall and Clarke, 1892:288
(Leptostrophia) Harper and Boucot, 1978a:74 [subgenus of *Leptostrophia*]
Leptothyrella Muir-Wood, 1965:H855 [new name for *Leptothyris*]
Leptothyrellopsis Bitner and Pisera, 1979:82
 †*Leptothyris* Muir-Wood, 1959 [replaced by *Leptothyrella*]
Lercarella Mascle and Termier, 1970:188
 **Lespius* Gregorio, 1930a:24 [= *Streptorhynchus*]
Lethamella Liu, 1979:509
Lethamia Waterhouse, 1973:38
Leurosina Cooper and Grant, 1975:1260
Levenea Schuchert and Cooper, 1931:246
Levibiseptum Xian, 1975, in Hou and Xian, 1975:31
 **Levicamera* Grabau, 1934 [nomen nudum; = *Psilocamara*]
Leviconchidiella Rzonstnitskaja, 1960, in Markowskii, 1960:301
Levigatella Andronov, 1961:38

- Levipustula* Maxwell, 1951:10
Levispira Mizens, 1975:47
Levitusia Muir-Wood and Cooper, 1960:295
Lialosia Muir-Wood and Cooper, 1960:87
Libyaeglossa Havlíček, 1973, in Havlíček and Massa, 1973: 275
Libys Massa, Termier, and Termier, 1974:175
Lichareviella Ustritsky, 1959, in Khu et al., 1959:134
Licharewia Einor, 1939:69
Licharewiella Sokolskaja, 1960:219 [replacement by *Magniderbyia* invalid, *Licharewiella* not preoccupied]
Lievinella Boucot, 1975:372
Ligula.—Cuvier, 1798 [misspelling of *Lingula*]
Ligularius.—Duméril, 1806 [misspelling of *Lingula*]
Ligulops.—Hall, 1871 [misspelling of *Lingulops*]
Liljevallia Hedström, 1917:12
Limbella Stehli, 1954:329
Limbimurina Cooper, 1956c:851
Lindstroemelia.—Dunbar and Condra, 1932 [misspelling of *Lindstroemella*]
Lindstroemella Hall and Clarke, 1890:134
**Lindstromella* Hall and Clark, 1889 [nomen nudum; = *Lindstroemella*]
**Lineirhynchia* Buckman, 1914 [nomen nudum]; 1917:59 [= *Furcirhynchia*]
Linguithyris Buckman, 1914 [nomen nudum]; 1917:99
Lingula Bruguière, 1797, p1. 250 [type designated by Lamarck, 1799:89]
Lingulapholis Schuchert, 1913:295
Lingularius.—Schuchert and LeVene, 1929 [misspelling of *Ligularius*]
Lingulasma Ulrich, 1889:384
Lingulelasma.—Miller, 1889 [improper emendation of *Lingulasma*]
Lingulella Salter, 1866:333
Lingulepis Hall, 1863:129
**Lingulichnites* Szmuc, Osgood, and Meinke, 1976 (ichnogenus; = *Lingulichnus*)
Lingulichnus Hakes, 1976 [ichnogenus]
Lingulidiscina.—Girty, 1909 [misspelling of *Lingulodiscina*]
Lingulipora Girty, 1898:387
Lingulobolus Matthew, 1895:261
Lingulodiscina Whitfield, 1890:122
Lingulops Hall, 1871a:2 [nomen nudum]; 1872, plate 13
Linguopugnoides Havlíček, 1960:242
Linnarssonella Walcott, 1902:601
Linnarssonina Walcott, 1885:115
Linoporella Schuchert and Cooper, 1931:247
Linoproductus Chao, 1927:128
Linoprotonia Ferguson, 1971:551
Linostronghomena Rong, Xu, and Yang, 1974:203
Liocoelia Schuchert and Cooper, 1931:248
Liopleptaena Xian, 1978a:265
Liorhynchus.—Oehlert, 1887 [improper emendation of *Leiorhynchus*]
Liosotella Cooper, 1953:36
Liospiriferina Rousselle, 1977:164
Liostronghonia Cooper and Kindle, 1936:355
Liothyrella Thomson, 1916a:44
***Liothyryna* Oehlert, 1887 [new name for *Liothyryis*; = *Gryphus*]
Liothyryis Douvillé, 1879 [replaced by *Liothyryna*]
Liralingua Graham, 1970:153
Liraplecta Ching and Sun, 1979 [nomen nudum]
Liraria Cooper and Grant, 1975:1156
**Liraspirifer* Stainbrook, 1950:381 [= *Cyrtospirifer*]
Lirellaria Cooper and Grant, 1976a:2031
Liricamera Cooper, 1956c:592
Liriplica Campbell, 1961:440
Lissajousithyris Almeras, 1971:164
Lissatrypa Twenhofel, 1914:33
Lissatrypoidea Boucot and Amsden, 1958:159
Lissella Campbell, 1961:452
Lissochonetes Dunbar and Condra, 1932:170
Lissocoelina Schuchert and Cooper, 1931:248
**Lissocrania* Williams, 1943:71 [= *Crania*]
**Lissomarginifera* Lane, 1962:902 [= *Eomarginifera*]
Lissopleura Whitfield, 1896:232
Lissorhynchia Yang and Xu, 1966:14
(*Lissosia*) Cooper and Grant, 1975:1241 [subgenus of *Dyros*]
Lissostronghonia Amsden, 1949:202
(*Lissotreta*) Amsden, 1968:37 [subgenus of *Onychotreta*]
Litocothia Grant, 1976:166
Liothyryis Roberts, 1971:237
Ljaschenkovia Batrukova, 1969:71
Ljudmilispirifer Tcherkesova, 1976:90
Llanoella Boucot, 1975:351
Loboidothyris Buckman, 1914 [nomen nudum]; 1917:112
Loboidothyropsis Sučić-Protić, 1971:17
Lobothyrella Tchorschzewsky, 1971 [nomen nudum]
Lobothyryis Buckman, 1914 [nomen nudum]; 1917:107
Lobothyroides Xu, 1978b:307
Lobothyropsis Tchorschzewsky, 1974 [nomen nudum]
(*Lobvia*) Breivel and Breivel, 1977:97 [subgenus of *Theodossia*]
**Lochengia* Grabau, 1931 [nomen nudum; = *Cryptospirifer*]
Loczyella Frech, 1901:503
**Loganella* Boucot and Amsden, 1958:164 [= *Rhipidomella*]
Loilemia Reed, 1936:116
Lomatiphora Roberts, 1971:84
Longdongshuia Hou and Xian, 1975:39
Longispina Cooper, 1942:230
Longithyris Katz and Popov, 1974:30
**Longvillia* Bancroft, 1933:3 [= *Strophomena*]
Loperia Walcott, 1905:287
Lophrothyryis Buckman, 1914 [nomen nudum]; 1917:114
Lopingia Chan, 1979, in Hou et al., 1979:64

- Lorangerella* Crickmay, 1963:11
Lordorthis Ross, 1959:447
Loriolithyris Middlemiss, 1968:176
Losvia Breivel and Breivel, 1976, in Tjazheva et al., 1976:116; 1977:83
Lowenstamia Stehli, 1961b:460
Loxophragmus Cooper and Grant, 1974:432
Luanquilla Garcia-Alcalde and Racheboeuf, 1978:847
Ludfordina Kelly, 1967:599
Luhaia Rõõmusoks, 1956:1091
Lunaria Ching, Sun, and Ye, 1979:155
Lunpolaia Ching and Ye, 1979, in Ye and Yang, 1979:67
Luofua Xu, 1977:66
Lutetiarcula Elliott, 1954:727
Lycophoria Lahusen, 1886:221
**Lyra* Cumberland, 1818, in Sowerby, 1818:84 [= *Terebrirostra*]
Lysingothyris.—Hall, 1868 [misspelling of *Syringothyris*]
**Lytha* Fredericks, [1924a]:298 [= *Spirifer*]
**Lyttonia* Waagen, 1883:398 [= *Leptodus*]
- Maakina* Andreeva, 1961, in Nikiforova and Andreeva, 1961:170
Macandrevia King, 1859:261 [replacement by *Waldheimiathynis* invalid, *Macandrevia* not preoccupied]
Macandrevia.—Bronn, 1862 [improper emendation of *Macandrevia*]
Machaeraria Cooper, 1955a:55
Mackerrovia Cocks, 1968:319
Maclarenella Stehli, 1955a:868
Macrocoelia Cooper, 1956c:891
**Macroplectane* Cossmann, 1909:215 [new name for *Denckmannia*; = *Rensselandia*]
Macropleura Boucot, 1963:690
Macropotamorhynchus Sartenaer, 1970:24
Madarosia Cooper and Grant, 1976a:2002
Magadania Ganelin, 1977:153
Magadina Thomson, 1915d:399
Magadinella Thomson, 1915d:400
Magas Sowerby, 1818:40
Magasella Dall, 1870:134
Magella Thomson, 1915d:396
Magellania Bayle, 1880:240 [new name for *Waldheimia*]
Megharithyris Farag and Gatinaud, 1960:77
Magnicanalis Rowell, 1962:140
***Magniderbyia* Ting, 1965 [invalid new name for *Licharewiella*, *Licharewiella* not preoccupied]
**Magnithyris* Sahní, 1925:367 [= *Carneithyris*]
Magniventra Harper and Boucot, 1978a:77
Magnumbonella Carter, 1968:1145
†*Maia* Fredericks, 1924 [replacement by *Mansuyella* invalid, *Mansuyella* preoccupied; replaced by *Callispirina*]
Majkopella Moisseiev, 1962, in Dagsys, 1962b:61
Makridinirhynchia Sučić-Protić, 1969:81
Malayanoplia Hamada, 1969a:255
Malleia Thomson, 1927:283
Malurostrophia Campbell and Talent, 1967:309
Malwirhynchia Chiplonker, 1938:306
Mametothyris Smirnova, 1969, in Smirnova and Pergament, 1969:34
**Mammosum* Gregorio, 1930a:25 [= *Streptorhynchus*]
Manithyris Foster, 1974:55
**Mannia* Davidson 1874:156 [= *Cryptopora*]
Mannia Dewalque, 1868 [nomen nudum]
Manoproductus Boucot, 1975 [nomen nudum]
Mansina Andreeva, 1977:116
†*Mansuyella* Reed, 1944 [invalid new name for *Maia*, *Mansuyella* preoccupied; replaced by *Callispirina*]
Maorielasma Waterhouse, 1964:175
Maoristrophia Allan, 1947b:440
Marcharella Andreeva, 1968, in Markowskii, 1968:75
Marginalosia Waterhouse, 1978:64
Marginatia Muir-Wood and Cooper, 1960:263
Marginella Gemmellaro, 1897 [nomen nudum]
Marginicinctus Sutton, 1938:561
Margifera Waagen, 1884:717
Marginirugus Sutton, 1938:561
Mariannaella Sapelnikov and Rukavishnikov, 1975a:7
Marinumula Waterhouse, 1964:177
***Mariona* Nalivkin, 1975 [= *Parallelora*]
†(*Marionella*) Bancroft, 1928 [replaced by *Marionites*; subgenus of *Multicostella*]
(*Marionites*) Cooper and Muir-Wood, 1951:195 [new name for *Marionella*; subgenus of *Multicostella*]
Markitoechia Havlíček, 1959b:81
Marklandella Harper, Boucot, and Walmsley, 1969:82
**Martellia* Wirth, 1936:300 [= *Polytoechia*]
**Martellispirifer* Gatinaud, 1949:487 [= *Cyrtospirifer*]
Martinella.—Lee, 1939 [misspelling of *Martiniella*]
Martinia McCoy, 1844:139
Martiniella Grabau and Tien, 1931, in Grabau, 1931c:420
? *Martinigisis* Lebedev, 1926 [incertae sedis]
Martiniopsis Waagen, 1883:525
Martinothyris Minato, 1953:70
Matutella Cooper, 1951:5
Mauspirifer Allan, 1947b:445
Maxillirhynchia Buckman, 1914 [nomen nudum]; 1917:55
Maya.—Rakusz, 1932 [misspelling of *Maia*]
Mcewanella Foerste, 1920:197
†*Mclearnia* Caster, 1939 [replaced by *Mclearnites*]
**Mclearnites* Caster, 1945:319 [new name for *Mclearnia*; = *Shaleria*]
(*Mclearnitesella*) Harper and Boucot, 1978b:131 [subgenus of *Mclearnites*]
Medessia Andreeva, 1960, in Markowskii, 1960:295
Mediospirifer Bublichenko, 1956:102
Mediterranirhynchia Sučić-Protić, 1969:53
Meekella White and St. John, 1867:120

- Meekina* Walcott, 1905 [nomen nudum]
Megachonetes Sokolskaja, 1950:42
Megaderbyia.—Jing, Ye, Xu, and Sun, 1979 [improper emendation of *Magniderbyia*]
 * (*Megakozlowskiella*) Boucot, 1957:322 [subgenus of *Kozlowskiella*; = *Kozlowskiellina*]
Megakozlowskiellina Amsden and Ventress, 1963 [name apparently used subgenerally rather than specifically as was intended; = *Kozlowskiellina*]
Megalanteris.—Oehlert, 1887 [misspelling of *Meganteris*]
Megalopterorhynchus Sartenaer, 1965a:5
Megalorhynchus.—Gregorio, 1930 [misspelling of *Megarhynchus*]
Megamyonia Wang, 1949:32
Meganterella Boucot, 1959c:767
Meganteris Suess, 1855:51
Megapleuronia Cooper, 1952a:117
 † *Megarhynchus* Gemmellaro, 1894 [replaced by *Gemmellaroia*]
Megarites Rafinesque, 1831 [nomen nudum]
Megasalopina Boucot, Gauri, and Johnson, 1966:166
Megasella.—Paetel, 1875 [misspelling of *Magasella*]
Megasteges Waterhouse, 1975:6
Megastrophia Caster, 1939:37
 (*Megastrophietta*) Harper and Boucot, 1978c:19 [subgenus of *Megastrophia*]
Megathiris Orbigny, 1847:269 [new name for *Argiope*]
Megathyrus.—Bronn, 1848 [misspelling of *Megathiris*]
Megerlea.—Davidson, 1856 [misspelling of *Megerlia*]
Megerleia.—Bronn, 1862 [misspelling of *Megerlia*]
Megerlia King, 1850:145 [replacement by *Muehlfeldtia* invalid, *Megerlia* not preoccupied]
Megerlina Deslongchamps, 1884:243
Megorima Rafinesque, 1819 [nomen nudum]
Megorisma.—Paetel, 1875 [misspelling of *Megorima*]
Megousia Muir-Wood and Cooper, 1960:309
Megumatrypa Harper, 1973:72
Meifodia Williams, 1951:106
Mendacella Cooper, 1930:381
Mendathyrus Cloud, 1942:125
Mennespirifer Ljaschenko, 1973:101
Mentzelia Quenstedt, 1871:522
Mentzelioides Dagens, 1974:130
Mentzeliopsis Trechmann, 1918:229
Meonua Steinich, 1963:732
Merciella Lamont and Gilbert, 1945:655
Merista Suess, 1851:150
Meristella Hall, 1860:75
Meristina Hall, 1867a:299
Meristorygma Carter, 1974:689
Meristospira, Grabau, 1910, in Grabau and Sherzer, 1910:159
Merospirifer Reed, 1949:467
 * *Mesodalmanella* Havlíček, 1950:26 [= *Howellites*]
 (*Mesodowiella*) Harper and Boucot, 1978b:124 [subgenus of *Mesodowillina*]
 (*Mesodowillina*) Williams, 1950:281 [subgenus of *Dowillina*]
Mesoleptostrophia Harper and Boucot, 1978a:68
 (*Mesolissostrophia*) Williams, 1950:280 [subgenus of *Lissostrophia*]
Mesolobus Dunbar and Condra, 1932:160
Mesonomia Ulrich and Cooper, 1936b:627
 (*Mesopholidostrophia*) Williams, 1950:280 [subgenus of *Pholidostrophia*]
Mesoplica Reed, 1943:97
Mesospirifer Wedekind, 1935 [nomen nudum]
Mesotreta Kutorga, 1848:270
Metabolipa Godefroid, 1974:5
Metacamarella Reed, 1917:934
Metaplasia Hall and Clarke, 1893:56
Metorthis Wang, 1955:333
Metriolepis Cooper and Grant, 1976b:2717
Mezounia Havlíček, 1967a:31
Miaohuangrhynchus Yang, 1977:374
Micella Ovtsharenko, 1976:24
Micidus Chatterton, 1973:134
 * *Mickwitzella* Walcott, 1908 [= *Thysanotos*]
Mickwitzia Schmidt, 1888:5
Micraphelia Cooper and Grant, 1969:4
Microcardinalia Boucot and Ehlers, 1963:51
Micromitra Meek, 1873:479
Microhynchia Muir-Wood, 1952:124
Microsphaeridiorhynchus Sartenaer, 1970:27
 * *Microthyridina* Schuchert and LeVene, 1929:120 [new name for *Microthyris*; = *Ornuthella*]
 † *Microthyris* Deslongchamps, 1884 [replaced by *Microthyridina*]
Microtrypa Wilson, 1945:144
 * *Mikrothyris* Quenstedt, 1868 [nomen nudum?; = *Atrypa*]
Millythyris Almeras, 1971:245
Mimaria Cooper and Grant, 1976b:2907
Mimatrypa Struve, 1964a:436
Mimella Cooper, 1930:376
 † *Mimulus* Barrande, 1879 [replaced by *Brachymimulus*]
 * *Minatothyris* Vandercammen, 1957:178 [= *Warrenella*]
 (*Miniplanus*) Waterhouse and Piyasin, 1970:101 [subgenus of *Diplanus*]
Miniprokopia Havlíček, 1971b:229
Minororthis Ivanov, 1950, in Ivanov and Miagkova, 1950:23
 (*Minutilla*) Crickmay, 1967:10 [subgenus of *Acutathea*]
Minutostropheodonta Harper and Boucot, 1978c:30
Miogryphus Hertlein and Grant, 1944:95
 * *Miopentamerus* Woods, 1937 [nomen nudum?; invalid name; = *Pentamerus*]
Mirantesia Mohanti, 1972:176
Mirifusella Carter, 1971:250

- Mirisquamea* Sučić-Protić, 1971:38
- **Mirtellaspirifer* Gatinaud, 1949:488 [= *Cyrtospirifer*]
- Misolia* Seidlitz, 1913:179
- Miyakothyris* Hatai, 1938:100
- Mjoesina* Spjeldnaes, 1957:137
- **Mobergia* Redlich, 1899:5 [= *Botsfordia*]
- Modestella* Owen, 1961, in Casey, 1961:573
- Moeschia* Boullier, 1976:333
- Mogoktella* Andreeva, 1968, in Markowskii, 1968:82
- Moisseevia* Makridin, 1964:243
- Moisseevia* Dagens, 1963:46
- Molongella* Savage, 1974:13
- Molongia* Mitchell, 1921:547
- Monadotoechia* Havlíček, 1960:243
- Monelasmina* Cooper, 1955a:54
- Mongolella* Alekseeva, 1976:347
- Mongoliella* Ischnazarov, 1972:69
- **Mongolina* Grabau, 1931b:102 [= *Rostranteris*]
- Mongoliopsis* Grunt, 1977c:79
- Mongolirhynchia* Hou and Zhao, 1976:191
- Mongolosia* Manankov and Pavlova, 1976:354
- Mongolospira* Alekseeva, 1977:63
- Monobotina* Salter, 1866:334
- Monoconvexa* Pelman, 1977:49
- Monomerella* Billings, 1871:221
- Monorthis* Bates, 1968:144
- Monsardithyris* Almeras, 1971:198
- Montanella* Ovtsharenko, 1976:21
- Montclarella* Wiśniewska, 1932:55
- †*Monticola* Nalivkin, 1930 [replaced by *Plectorhynchella*]
- Monticulifera* Muir-Wood and Cooper, 1960:327
- Moorefieldella* Girty, 1911:63
- Moorellina* Elliott, 1953:694
- Moquellina* Ching, Sun, and Ye, 1979:141
- Moraviaturia* Sahni, 1960:19
- Moravilla* Havlíček, 1953:4
- Moravostrophia* Havlíček, 1962:471
- Morganella* McKellar, 1970:17
- Morinorhynchus* Havlíček, 1965a:291
- **Morrisia* Davidson, 1852c:371 [= *Platidia*]
- **Morrisina* Grabau, 1931b:98 [= *Hemiptychina*]
- Morrisithyris* Almeras, 1971:131
- Moscuella* Makridin, 1954 [nomen nudum; = *Mosquella*]
- Mosquella* Makridin, 1955:86
- Moumina* Fredericks, [1924a]:323
- Moutonithyris* Middlemiss, 1976:63
- Mucrospirifer* Grabau, 1931c:408
- ***Muehlfeldtia* Bayle, 1880 [invalid new name for *Megerlia*, *Megerlia* not preoccupied]
- Muirwoodella* Tchorschewsky, 1973 [nomen nudum]; 1974:52
- Muirwoodellopsis* Tchorschewsky, 1973; 1974 [nomina nuda]
- Muirwoodia* Licharew, 1947:187
- (*Multicosta*) Khodalevich and Breivel, 1977, in Breivel and Breivel, 1977:71 [subgenus of *Leviconchidiella*]
- Multicostella* Schuchert and Cooper, 1931:244
- Multispinula* Rowell, 1962:147
- †*Multispinula* Waterhouse, 1966 [replaced by *Echinalosia* (*Multispirifer*) Kaplun, 1961:88 [subgenus of *Eospirifer*]
- †*Munella* Fredericks, 1924 [replaced by *Purdonella*]
- Munhella* Neuman, 1971:117
- †*Munia* Fredericks, 1918 [replaced by *Fredericksia*]
- Munieratrypa* Mizens and Rzonstnitskaja, 1979:60
- Muriferella* Johnson and Talent, 1967b:44
- Murinella* Cooper, 1956c:844
- Murravia* Thomson, 1916a:45
- Musculina* Schuchert and LeVene, 1929:120 [new name for *Musculus*]
- †*Musculus* Quenstedt, 1869 [replaced by *Musculina*]
- Mutationella* Kozlowski, 1929:31
- Myotreta* Gorjansky, 1969:67
- Myriospirifer* Havlíček, 1978:105
- Mystrophora* Kayser, 1871:612
- Nabarredia* Havlíček and Racheboeuf, 1979:96
- Nabiaoa* Xu, 1979a:370
- Nadiastrophia* Talent, 1963:62
- Najadospirifer* Havlíček, 1957a:246
- Najdinothyris* Makridin and Katz, 1964, in Makridin, 1964:35
- (*Nakazatothyris*) Minato and Kato, 1977:623 [subgenus of *Undispirifer*]
- Naliukinaria* Rzonstnitskaja, 1968, in Markowskii, 1968:117
- Naliukinella* Popov, 1974, in Katz and Popov, 1974:23
- Naliukinia* Bublichenko, 1928:982
- Nanambonites* Liu, 1976:145
- Nannirhynchia* Buckman, 1914 [nomen nudum]; 1917:67
- Nanorthis* Ulrich and Cooper, 1936b:621
- Nanospira* Amsden, 1949:203
- Nanothyris* Cloud, 1942:45
- Nantanella* Grabau, 1936:72
- Nanukidium* Jones, 1979:1261 [new name for *Rossella*]
- Naradanithyris* Tokuyama, 1958b:2
- Nayunnella* Sartenaer, 1961b:2 [new name for *Yunnanella* Grabau 1931]
- ***Neatretia* Fischer and Oehlert, 1891 [= *Cryptopora*]
- (*Neatrypa*) Struve, 1964b:526 [subgenus of *Desquamatia*]
- Nebenothyris* Minato, 1953:72
- Nekhoroshevia* Bublichenko, 1956:101
- Nematocrania* Grant, 1976:31
- Nemesa* Schmidt, 1941:41
- Neobolus* Waagen, 1885:758
- Neobouchardia* Thomson, 1927:270
- Neochonetes* Muir-Wood, 1962:87
- Neocoelia* McKellar, 1966:2
- Neocyrtina* Yang and Xu, 1966:62
- Neodelthyris* Hou, 1963:413

- Neofasciosta* Xu, 1978b:278
Neogyridula Licharew, 1934a:213
 **Neohemithyrus* Yabe and Hatai, 1934:587 [= *Basiliola*]
 (*Neokarpinskia*) Mizens, 1977a:95 [subgenus of *Karpinskia*]
 (*Neokjaerina*) Levy and Nullo, 1974a:191 [subgenus of
Kjaerina]
Neoliothyrida Sahni, 1925:375
Neometabolipa Godefroid, 1974:23
 **Neomunella* Ozaki, 1931:25 [= *Choristites*]
Neophricadothyris Licharew, 1934b:175
Neophricadothyris.—Ivanova, 1960 [misspelling of *Neophri-*
cadothyris]
Neoplicatifera Ching, Liao, and Fang, 1974:309
Neoproboscidella Ivanova, 1949 [nomen nudum]
Neoproductella Lee, 1939 [nomen nudum]
Neoretzia Dagys, 1963:130
Neorhynchia Thomson, 1915b:388
Neospirifer Fredericks, [1924a]:311
Neospirifer Nikitin, 1900 [nomen nudum; = *Neospirifer*
 Fredericks, 1924]
 (*Neospirigerina*) Rzonstnizkaja, 1975:72 [subgenus of *Spiri-*
gerina]
Neostrophia Ulrich and Cooper, 1936b:631
Neothecidella Pajaud, 1970:108
Neothyris Douvillé, 1879:274
Neotreta Sobolev, 1976:132
 ***Neotrigonella* Cossman, 1910 [new name for *Trigonella*; ob-
 jective synonym of *Tetractinella*; subjective synonym of
Cheirothyris]
Neowellerella Dagys, 1974:116
Nepastoechia Havlíček, 1979:91
 **Nereidella* Wang, 1955:339 [= *Paurorthis*]
Nervostrophia Caster, 1939:79
Neumanella Harper and Boucot, 1978c:29
Neumayrithyrus Tokuyama, 1958a:120
 ***Newberria* Hall, 1891 [= *Rensselandia*]
Newberrya.—Schuchert, 1897 [improper emendation of
Newberria]
Nicolella Reed, 1917:860
Nigeroplica Nalivkin, 1975, in Stepanov, 1975:160
Nikiforovaena Boucot, 1963:67
Ningbingella Roberts, 1971:152
Ninglangothyris Jin and Fang, 1977:60
Nipponithyrus Yabe and Hatai, 1934:588
Nisusia Walcott, 1905:248
Niviconia Cooper and Grant, 1974:374
Nix Easton, 1962:45
 **Nocturnellia* Havlíček, 1950:53 [= *Dalmanella*]
Nodella Tachibana, 1964:38
 (*Noeltingia*) Hall and Clarke, 1893:229 [subgenus of *Por-*
ambonites]
Nondia Boucot and Chiang, 1974:66
Nordathyris Grunt, 1977b:73
Nordella Ljaschenko, 1973:135
Nordispirifer Ljaschenko, 1973:104
Nordotoechia Tcherkesova, 1965:80
Norella Bittner, 1890:315
 ***Norgium* Breivel and Breivel, 1970 [= *Proconchidium*]
Notanoplia Gill, 1950:249
Nothopindax Cooper and Grant, 1974:318
Nothorthis Ulrich and Cooper, 1938:106
Notiochonetes Muir-Wood, 1962:48
 **Notoconchidium* Gill, 1950:243; 1951:187 [= *Karpinskia*]
Notoleptaena Gill, 1950 [nomen nudum]; 1951:192
Notoparmella Johnson, 1973a:1026
Notorygmia Cooper, 1972b:13
Notosaria Cooper, 1959:48
Notospirifer Harrington, 1955:115
Notostrophia Waterhouse, 1973:35
 (*Notothyrida*) Licharew, 1936a:271 [subgenus of *Rostranteris*]
Notothyris Waagen, 1882:378
Notozyga Cooper, 1977:105
Novellinetes Havlíček and Racheboeuf, 1979:87
Novozemelia Tcherkesova, 1973:28
Nucleata Quenstedt, 1868:25
Nucleatina Katz, 1962:135
Nucleatula Bittner, 1888b:126
Nucleospira Hall, 1859a:23
Nudauris Stehli, 1954:317
 ***Nudirostra* Cooper and Muir-Wood, 1951 [invalid new
 name for *Leiorhynchus*, *Leiorhynchus* not preoccupied]
Nudirostralina Yang and Xu, 1966:21
Nudispiriferina Yang and Xu, 1966:47
Nugnecella Levy and Nullo, 1974b:28
Nuguschella Tjazheva, 1960, in Markowskii, 1960:408
Nurataella Larin, 1973:135
Nurochonetes Ushatinskaia, 1977b:42
Nyalamurhynchia Ching, Rong, and Sun, 1976, in Ching et
 al., 1976:300
Nyge Veevers, 1959:113
Nymphorhynchia Rzonstnizkaja, 1956, in Kiparisova et al.,
 1956:53
Oanduporella Hints, 1975:19
Obesaria Havlíček, 1957b:438
Oblongarcula Elliott, 1959:147
Obnixia Hoover, 1979:11
Obolella Billings, 1861a:7
 **Obolellina* Billings, 1871:222 [= *Rhynobolus*]
Obolopsis Saito, 1936:350
Obolus Eichwald, 1829:274
Obovites Rafinesque, 1831 [nomen nudum]
Obovothyris Buckman, 1927:32
Obtumentella Amisden, 1958:99
Obulus.—Quenstedt, 1868 [misspelling of *Obolus*]
Ochotathyris Dagys, 1974:159
Ochotorhynchia Dagys, 1968:47
Ocnerorthis Bell, 1941:251

- Ocruranus* Liu, 1979:506
Odarovithyris Tchorschewsky, 1971:63
Odontospirifer Dunbar, 1955:155
Oehlertella Hall and Clarke, 1890:132
†*Oehlertia* Khalifin, 1948 [replaced by *Leptodonta*]
Oepikina Salmon, 1942:589
**Oepikinella* Wilson, 1944:199 [= *Strophomena*]
Oghinia Sarytcheva, 1965, in Ruzhentsev and Sarytcheva, 1965:229
Ogilviella Lenz, 1968:180
Okathyris Smirnova, 1975c:71
**Oldhamella* Noetling, 1905 [invalid new name for *Oldhamina*]
Oldhamia.—Zittel, 1910 [misspelling of *Oldhamina*]
Oldhamina Waagen, 1883:406 [replacement by *Oldhamella* and *Waagenopora* invalid]
Oldhaminella Wanner and Sieverts, 1935:232
Oleneothyris Cooper, 1942:233
Oleorthis Havlíček, 1968:124
Olgerdia Grigorjewa, 1977:50
Oligomys Schuchert and Cooper, 1931:243
Oligoptycherhynchus Sartenaer, 1970:20
Oligorhachis Imbrie, 1959:403
Oligorhynchia Cooper, 1935:49
Oligorthis Ulrich and Cooper, 1936b:624
Oligothyris Cooper, 1956a:526
**Olweirella* Oliveira, 1934:167 [new name for *Brasilina*; = *Paranaia*]
Ombonia Caneva, 1906:54
Omnutakhella Lopushinskaja, 1976:66
Omolonella Moisseiev, 1936:39
Omolonia Alekseeva, 1967, in Alekseeva and Nuzhdina, 1967:138
***Omolonospirifer* Simakov, 1970 [= *Tenisia*]
Omolonothyris Dagys, 1968:132
Oncosarina Cooper and Grant, 1969:9
Onniella Bancroft, 1928b:55
Onnizetna Havlíček, 1974:168
Onopordumaria Waterhouse, 1971, in Bamber and Waterhouse, 1971:205
Onychoplecia Cooper, 1956c:529
Onychotreta Ulrich and Cooper, 1936a:339
(*Opikella*) Amsden, 1968:48 [subgenus of *Leangella*]
Opisthotreta Palmer, 1954:771
Opsiconidion Ludvigsen, 1974:143
†*Orbicella* Orbigny, 1847 [replaced by *Clistotrema*]
Orbicoelia Waterhouse and Piyasin, 1970:144
**Orbicula* Cuvier, 1798:435 [= *Crania*]
**Orbicularius* Duméril, 1806 [= *Crania*]
Orbiculoidea Orbigny, 1847:269
Orbiculopora Batrukova, 1969:75
Orbiculothyris Wolfart, 1968, in Wolfart et al., 1968:528
Orbinaria Muir-Wood and Cooper, 1960:150
Orbirhynchia Pettitt, 1954:29
Orbithela Sdzuy, 1955:9
Orenburgella Pavlova, 1969:76
Orientospira Dagys, 1965:101
Orientospirifer Hou and Xian, 1975:49
Orientothyris Katz and Popov, 1974:28
Orgostrophia Mitchell, 1977:115
Oriskania Hall and Clarke, 1893:270
Orlovirhynchia Dagys, 1968:75
Ornatothyrella Dagys, 1974:210
Ornatothyris Sahni, 1929:45
Ornithella Deslongchamps, 1884:273
**Ornithothyris* Sahni, 1925:374 [= *Carneithyris*]
Ornothyrella Havlíček, 1971c:80
Orthambonites Pander, 1830:81
Orthidiella Ulrich and Cooper, 1936b:621
Orthidium Hall and Clarke, 1892:244
Orthis Dalman, 1828:112
***Orthisina* Orbigny, 1847 [= *Clitambonites*]
Orthisocrania Rowell, 1963:39
Orthoidea Friren, 1876:1
**Orthonomaea* Hall, 1859 [nomen nudum]; 1893, in Hall and Clarke, 1893:159 [= *Catazyga*]
Orthopleura Imbrie, 1959:391
Orthorhynchula Hall and Clarke, 1893:181
Orthorhynchuloides Williams, 1962:241
Orthospirifer Pitrat, 1975:387
Orthostrophella Amsden, 1968:23
Orthostrophia Hall, 1883, pl.36
Orthotella King, [1931]:51
Orthotetes Fischer de Waldheim, 1829:375
Orthothetina Schellwien, 1900:10
Orthothrix Geinitz, 1847:86
Orthothyris Cooper, 1955b:64
Orthotichia Hall and Clarke, 1892:213
Orthotichina.—Tschernyschew, 1914 [misspelling of *Orthotichia*]
Orthotoma Quenstedt, 1869:315
Orthotomoides Tchorschewsky, 1971 [nomen nudum]
Orthotropia Hall and Clarke, 1893, pl.84
Ortotichia.—Tschernyschew, 1914 [misspelling of *Orthotichia*]
Orulganina Solomina and Tschernjak, 1961:61
Orusia Walcott, 1905:273
Oslogonites Öpik, 1939:133
**Oslomena* Spjeldnaes, 1957:161 [= *Glyptomena*]
Osmarella Pearson, 1977:58
(*Otariella*) Waterhouse, 1978:30 [subgenus of *Marginifera*]
Otospirifer Hou and Xian, 1975:65
Otusia Walcott, 1905:246
(*Ovalella*) Walmsley and Boucot, 1975:75 [subgenus of *Isorthis*]
***Ovalia* Nalivkin, 1937 [= *Brachythyris*]
Ovalia Muir-Wood and Cooper, 1960:312
Overtonia Thomas, 1914:260

- Overtoniina* Grunt, 1973, in Grunt and Dmitriev, 1973:94
Oxlosia Ulrich and Cooper, 1936b:619 [new name for *Eunoa*]
Oxoplecia Wilson, 1913:81
Oxycolpella Dagys, 1962b:68
Oxypleurorhynchia Plodowski, 1973:85
Oxyrhynchus Quenstedt, 1868 [nomen nudum]
- Pachiloma* Rafinesque, 1831 [nomen nudum]
†*Pachyglossa* Cooper, 1956 [replaced by *Pachyglossella*]
Pachyglossella Cooper, 1960:601 [new name for *Pachyglossa*]
Pachymagas Ihering, 1903:332
***Pachyrhynchus* King, 1850 [= *Bouchardia*]
Pachythyris Boullier, 1976:154
Pacificocoelia Boucot, 1975:361
Pacifithyris Hatai, 1938:216
Paeckelmanella Licharew, 1934a:212
***Paeckelmannia* Licharew, 1934 [invalid new name for *Tornquistia*, *Tornquistia* not preoccupied]
Pahlenella Schuchert and Cooper, 1931:245
†*Pakistania* Stehli, 1961 [replaced by *Whitspakia*]
Palaeobolus.—Gorjansky, 1960 [misspelling of *Palaeobolus*]
Palaeobolus Matthew, 1899:202
Palaeochoristites Sokolskaja, 1941:26
***Palaeocrania* Eichwald, 1854 [= *Pseudocrania*]
Palaeoglossa Cockerell, 1911:96 [new name for *Glossina*]
Palaeoglossina.—Dunbar and Condra, 1932 [misspelling of *Palaeoglossa*]
‡*Palaeoschmidtites* Koneva, 1979:35
Palaeospirifer Martynova and Sverbilova, 1968:26
Palaeostrophia Ulrich and Cooper, 1936b:627
Palaeostrophomena Holtedahl, 1916:43
**Palaeferella* Spriestersbach, 1942:187 [= *Gruenewaldtia*]
Paldiskia Gorjansky, 1969:28
**Palinorthis* Ulrich and Cooper, 1936b:625 [= *Ingria*]
†*Pallasiella* Renz, 1932 [replaced by *Phymatothyris*]
Pamirorhynchia Ovtsharenko, 1977 [nomen nudum]
Pamirotheca Dagys, 1974:79
Pamirothyris Dagys, 1974:195
†*Pamirothyris* Ovtsharenko, 1975 [replaced by *Pamirothyropsis*]
Pamirothyropsis Ovtsharenko, 1979:126 [new name for *Pamirothyris* Ovtsharenko, 1975]
Pammegetherhynchus Sartenaer, 1977:68
Pampoecilorhynchus Sartenaer, 1968c:4
Panderina Schuchert and Cooper, 1931:243
Pantellaria Dall, 1919:251
Papiliolinus Waterhouse and Gupta, 1977:160
Papillostrophia Havlíček, 1967a:132
Paraacanthothyris Kamyschan, 1973, in Kamyschan and Babanova, 1973:67
Parabifolium Pajaud, 1966a:70
(*Parabornhardtina*) Sun and Hou, 1964, in Hou and Xian, 1964:416 [subgenus of *Bornhardtina*]
Paracapillithyris Katz and Popov, 1974:26
Parachonetes Johnson, 1966c:365
Parachoristites Barchatova, 1968, in Markowskii, 1968:164:1970:145
Paraconchidium Rong and Yang, 1974:198
Paracostanopia Xu, 1977:65
Paracraniops Williams, 1963:347
Paracrothyris Wu, 1974, in Wang et al., 1974:42
Paracrurithyris Liao, 1979 [nomen nudum]
**Paracyrtiopsis* Gatinaud, 1949:490 [= *Cyrtiopsis*]
Paradoxothyris Xu, 1978b:302
Paradygella Liao and Sun, 1974:352
Paraemanuella Yang, 1977:415
**Parakeyserlingina* Fredericks, 1916:64 [= *Keyserlingina*]
Paralazutkinia Jiang, 1978:314
Paraldingia Richardson, 1973:122
Paralepismatina Yang and Xu, 1966:38
(*Paraleptostrophia*) Harper and Boucot, 1978a:70 [subgenus of *Mesoleptostrophia*]
Parallelasma Cooper, 1956c:612
Parallelora Carter, 1974:680
Paralyttonia Wanner and Sieverts, 1935:207
Paramarginatia Yang, 1978a:111
Paramarginifera Fredericks, 1916:64
**Paramartinia* Reed, 1949:471 [= *Martinia*]
Paramentzelia Xu, 1978b:293
Paramerista Su, 1976:207
Paramesolobus Afanasjeva, 1975:101
Paramonticulifera Tong, 1978:234
Paranaia Clarke, 1913a, pl. 21
Paranorella Cloud, 1944, in King et al., 1944:59
Paranorellina Dagys, 1974:100
Parapholidostrophia Johnson, 1971:309
Paraphorhynchus Weller, 1905:261
Paraphlucanopia Xu, 1977:67
Parapugnax Schmidt, 1964:505
Parapulchratia Chan, 1979, in Hou et al., 1979:87
Parareticularia Lee and Gu, 1976:298
(*Pararhipidium*) Boucot, 1975 [nomen nudum; = (*Pararhipidium*) Boucot and Johnson, 1979]
(*Pararhipidium*) Boucot and Johnson, 1979:101 [subgenus of *Rhipidium*]
(*Paraschizophoria*) Lazarev, 1976:110 [subgenus of *Schizophoria*]
Paraspirifer Wedekind, 1926:198
Paraspiriferina Reed, 1944:252
(*Parastringocephalus*) Struve, 1965b:467 [subgenus of *Stringocephalus*]
†*Parastrophia* Hall and Clarke, 1894 [replaced by *Parastrophina*]
Parastrophina Schuchert and LeVene, 1929:121 [new name for *Parastrophia*]
Parastrophinella Schuchert and Cooper, 1931:248
Parastrophonella Bublichenko, 1956:93

- Paratetratomia* Yang, 1977:394
Parathecidea Backhaus, 1959:55
Parathyridina Schuchert and LeVene, 1929:121 [new name for *Parathyris*]
†*Parathyris* Douvillé, 1916 [replaced by *Parathyridina*]
Parathyrisina Wang, 1974, in Wang et al., 1974:41
Paratreta Biernat, 1973:68
Parazyga Hall and Clarke, 1893:127
***Pareatonia* McLearn, 1918 [= *Eatonia*]
Parenteletes King, [1931]:48
Parmorthina Havlíček, 1975:232
**Parmorthis* Schuchert and Cooper, 1931:246 [= *Resserella*]
Paromalomena Rong, 1979 [nomen nudum]
Paromoeopygma Sartenaer, 1968b:3
Paruncinella Waterhouse and Gupta, 1978b:132
Parvirhynchia Buckman, 1914 [nomen nudum]; 1917:56
‡*Parvulalarostrum* Sartenaer, 1979b:2
Paryphella Liao, 1979 [nomen nudum]
Paryphorhynchopora Simorin, 1956:245
Paryphorhynchus.—Weller, 1914 [misspelling of *Paraphorhynchus*]
Patagorhynchia Allan, 1938:199
Paterina Beecher, 1891:345
Paterorthis Havlíček, 1971c:45
Paterula Barrande, 1879:110
Paucicostella Cooper, 1956c:711
Paucicrura Cooper, 1956c:956 [new name for *Resserella* Schuchert and Cooper, 1932, not Bancroft, 1928]
Paucispinifera Muir-Wood and Cooper, 1960:319
Paucistrophia Wang and Zhu, 1979:23
Paulonia Nalivkin, 1925:282
Paurogastroderhynchus Sartenaer, 1970:25
Paurorhyncha Cooper, 1942:231
**Paurorthina* Rübel, 1961:187 [= *Paurorthis*]
Paurorthis Schuchert and Cooper, 1931:243
Payuella Grabau, 1934:150
Pectorhyncha McLearn, 1918:137
Peculneithyris Smirnova, 1972, in Smirnova and Terekhova, 1972:76
Peelzatrype Rzonstnizkaja, 1975:95
Pegmarhynchia Cooper, 1955a:58
Pegmathyris Hatai, 1938:99
**Pegmatreta* Bell, 1941:231 [= *Linnarssonina*]
Pelagodiscus Dall, 1908:440
Peleicostella Havlíček, 1971b:230
Pelonomia Cooper, 1956c:699
Peltichia Ching and Sun, 1979 [nomen nudum]
(*Pembrostrophia*) Bassett, 1971:325 [subgenus of *Amphistrophia*]
Peniculauris Muir-Wood and Cooper, 1960:279
Pennospiriferina Dagys, 1965:112
Pentactinella Bittner, 1890:301
Pentagonia Cozzens, 1846:158
Pentamerella Hall, 1867b:163
Pentamerifera Khodalevich, 1939:22
Pentameroides Schuchert and Cooper, 1931:248
Pentamerus Sowerby, 1812:73
Pentlandella Boucot, 1964b:104
Pentlandina Bancroft, 1949b:13
Penzhinothyris Smirnova, 1969, in Smirnova and Pergament, 1969:36
Perakia Hamada, 1969b:7
Perditocardinia Schuchert and Cooper, 1931:246
Peregrinella Oehlert, 1887, in Fischer, 1887:1305
Peregrinelloidea Dagys, 1968:43
Perennithyris Tchorszchewsky, 1973; 1974 [nomina nuda]
***Pereudesia* Dall, 1920 [= *Coptothyris*]
Periallus Hoover, 1979:17
Perichonetes Xu, 1979a:372
Peridalejina Havlíček, 1973:337
Peridiolithus Huepsch, 1768 [nonbinomial]
Perigeyerella Wang, 1955:346
Perimecocoelia Cooper, 1956c:593
Perissothyris Carter, 1967b:588
Peritritoechia Xu, Rong, and Liu, 1974:151
Permianella He and Zhu, 1979:132
Permicola Koczyrkevicz, 1976b:75
Permochonetes Afanasjeva, 1977b:148
Permphricodothyris Pavlova, 1965:134
**Permorthotetes* Thomas, 1958:82 [= *Orthotetes*]
**Permospirifer* Kulikov, 1950:5 [= *Licharewia*]
Permudaria Nakamura, Kato, and Choi, 1970:295
Perrierithyris Almeras, 1971:423
(*Peshiatrypa*) Xian, 1978a:298 [subgenus of *Desquamatia*]
Pesterevatrypa Rzonstnizkaja, 1975:93
Petasmaia Cooper and Grant, 1969:10
Petasmatherus Cooper and Grant, 1969:12
Petria Mendes, 1961b:22
Petrocrania Raymond, 1911:229 [new name for *Craniella*]
Petroria Wilson, 1926:28
Pexidella Bittner, 1890:300
Phapsirhynchia Pajaud, 1976:102
Pharcidodiscus Roberts, 1976:46
**Pharetra* Bolten, 1798:159 [= *Lingula*]
Philedra.—Bekker, 1921 [misspelling of *Philhedra*]
Philhedra Koken, 1889:467
Philhedrella Kozłowski, 1929:28
Phlogoderhynchus Sartenaer, 1970:18
Phoenicitoechia Havlíček, 1960:242
***Pholidops* Hall, 1859 [= *Craniops*]
Pholidostrophia Hall and Clark, 1892:287
Phragmophora Cooper, 1955a:51
Phragmorthis Cooper, 1956c:509
Phragmostrophia Harper et al., 1967:428
Phragmothyris Cooper, 1955b:66
Phrenophoria Cooper and Grant, 1969:12
Phricodothyris George, 1932:525

- Phymatothyris* Cooper and Muir-Wood, 1951:195 [new name for *Palasiella*]
Physemella Godefroid, 1974:50
Physetorhyncha Sartenaer and Rozman, 1968:137
Physotreta Rowell, 1966:19
Piarorhynchella Dagys, 1974:110
Piarorhynchia Buckman, 1914 [nomen nudum]; 1917:34
**Piarothyris* Sahni, 1925:370 [= *Carneithyris*]
Pictothyris Thomson, 1927:260
Pinaxiothyris Dagys, 1968:86
Pinghuangella Jiang, 1978:315
(*Pinguarella*) Boucot, 1975 [nomen nudum; = (*Pinguella*) Boucot and Johnson, 1979]
(*Pinguella*) Boucot and Johnson, 1979:114 [subgenus of *Kirkidium*]
Pinguispirifer Havlíček, 1957a:246
Pioglyptus.—St. Joseph, 1941 [misspelling of *Idioglyptus*]
Pionodema Foerste, 1912:139 [new name for *Bathycœlia*]
Pionomena Cooper, 1956c:901
(*Pionorthis*) Schuchert and Cooper, 1931:244 [subgenus of *Plaesiomys*]
†*Pirgula* Gregorio, 1930 [replaced by *Pirgulia*]
Pirgulia Cooper and Muir-Wood, 1951:195 [new name for *Pirgula*]
Pirothyris Thomson, 1927:280
Pirotthyris Sučić-Protić, 1971:31
Pisirhynchia Buckman, 1914 [nomen nudum]; 1917:28
**Pizarroa* Hoek, 1912, in Steinmann and Hoek, 1912:246 [= *Bistramia*]
Pizarroa.—Eastman, 1913 [misspelling of *Pizarroa*]
Plachiloma Ferussac, 1835 [misspelling of *Pachiloma*]
Placothyris Westphal, 1970:38
Placotriplezia Amsden, 1968:40
Plaesiomys Hall and Clarke, 1892:196
Plagiorhyncha McLearn, 1918:138
Planalvus Carter, 1971:248
†*(*Planatrypa*) Copper, 1967b:231 [subgenus of *Atrypa*; junior homonym and junior synonym of (*Planatrypa*) Struve; each author based his generic name on the same group species]
(*Planatrypa*) Struve, 1966:143 [subgenus of *Atrypa*]
Planicardina Savage, 1968a:628
**Planidorsa* Schuchert and Cooper, 1931:244 [= *Cyrtanotella*]
Planirhynchia Sučić-Protić, 1969:19
Planispira Stehli, 1954:331
Planodowillina Harper and Boucot, 1978b:145
Planoharknessella Havlíček, 1950:42
Planoproductus Stainbrook, 1947:310
Planovatiostrum Sartenaer, 1970:16
Platidia Costa, 1852:48
Platilites Rafinesque, 1831 [incertae sedis]
Platyconcha Waterhouse, 1975:8
Platy glossariorhynchus Sartenaer, 1970:8
Platymena Cooper, 1956c:879
Platymerella Foerste, 1909b:70
Platyorthis Schuchert and Cooper, 1931:246
**Platyrachella* Fenton and Fenton, 1924:158 [= *Spinocyrtia*]
Platyselma Gordon, 1966:575
Platyspirifer Grabau, 1931a:355
Platystrophia King, 1850:106
Platyterorhynchus Sartenaer, 1970:5
Platythyris Middlemiss, 1959:109
Platytoechia Neuman, 1964:E20
**Playfairia* Reed, 1917:866 [= *Rafinesquina*]
Plebejochonetes Boucot and Harper, 1968:159
Plectambonites Pander, 1830:90
Plectatrypa Schuchert and Cooper, 1930:279
Plectelasma Cooper and Grant, 1969:17
Plectella Lamansky, 1901 [nomen nudum]; 1905:22
Plectocamara Cooper, 1956c:596
Plectoconcha Cooper, 1942:233
Plectodonta Kozłowski, 1929:29
Plectodontella Havlíček, 1953:8
Plectoglossa Cooper, 1956c:222
Plectoidothyris Buckman, 1914 [nomen nudum]; 1917:122
Plectorhynchella Cooper and Muir-Wood, 1951:195 [new name for *Monticola*]
Plectorthis Hall and Clarke, 1892:194
Plectospira Cooper, 1942:228 [new name for *Ptychospira*]
**Plectospirifer* Grabau, 1931a:380 [= *Adolfia*]
Plectothyrella Temple, 1965:412
Plectothyris Buckman, 1914 [nomen nudum]; 1917:121
***Plectothyris* Rollier, 1918 [junior homonym and junior objective synonym of *Plectothyris* Buckman, 1917]
Plectotreta Ulrich and Cooper, 1936a:339
Plectotrophia Ulrich and Cooper, 1936b:627
Pleiolepturina Schmidt, 1964:506
Plekonella Campbell, 1953:17
Plesicarinata Mizens, 1977a:89
Plesiothyris Douvillé, 1879:275
Plethorhyncha Hall and Clarke, 1893:191
Plethorhynchus.—Hall and Clarke, 1893 [misspelling of *Plethorhyncha*]
Pleuransis Rafinesque, 1831 [incertae sedis]
Pleurelasma Cooper and Grant, 1976b:2922
Pleurinea.—Dall, 1877 [misspelling of *Pleurinia*]
Pleurinia Rafinesque, 1820 [nomen nudum]
(*Pleurochonetes*) Isaacson, 1977a:175 [subgenus of *Chonetes*]
Pleurocornu Havlíček, 1961a:46
Pleurodium Wang, 1955:345
**Pleurohorridonia* Dunbar, 1955:90 [= *Horridonia*]
Pleuropugnoides Ferguson, 1966:354
Pleuronthis Cooper, 1956c:329
Pleurothyrella Boucot, Caster, Ives, and Talent, 1963:89
†*Pleurothyris* Cloud, 1942 [replaced by *Cloudella*]
Plicanoplia Boucot and Harper, 1968:169
†*Plicanoplia* Havlíček, 1973 [replaced by *Plicanoplites*]

- Plicanoplites* Havlíček, 1974:170 [new name for *Plicanoplia* Havlíček, 1973]
- Plicarostrium* Burri, 1953:281
- **Plicathyrus* Khalfin, 1946 [= *Anathyris*]
- Plicatifera* Chao, 1927:25
- Plicatocyrtia* Gauri, 1965:55
- Plicatoderbya* Thomas, 1937:14
- Plicatolingula* Liu, 1979:509
- Plicatosyrinx* Minato, 1952:168
- Plicigera* Bittner, 1890 [group term, no generic validity]
- Plicirhynchia* Allan, 1947a:493
- Plicochonetes* Paeckelmann, 1930:222
- Plicocoelina* Boucot and Johnson, 1966b:1038
- Plicocyrtia* Boucot, 1963:704
- Plicocyrtina* Havlíček, 1956:608
- Plicodevonaria* Boucot and Harper, 1968:162
- (*Plicogypa*) Rzonstnizkaja, 1975:27 [subgenus of *Gypidula*]
- Plicoplasia* Boucot, 1959a:19
- Plicoproductus* Ljaschenko, 1969a:14
- Plicostricklandia* Boucot and Ehlers, 1963:55
- Plicostropheodonta* Sokolskaja, 1960:214
- Plicotorynifer* Abramov and Solomina, 1970, in Menner et al., 1970:111; in Abramov, 1970:153
- Plionoptycherhynchus* Sartenaer, 1979a:537
- (*Pocockia*) Lazarev, 1976:112 [subgenus of *Schizophoria*]
- Podichnus* Bromley and Surlyk, 1973 [ichnogenus]
- Podolella* Kozlowski, 1929:31
- Podtsheremia* Kalashnikov, 1965 [nomen nudum]; 1966:50
- Poikilosakos* Watson, 1917:215
- Polymorpharia* Cooper and Grant, 1975:1143
- Polytoechia* Hall and Clarke, 1892:239
- Pomatospirella* Bittner, 1892:26
- Pomatotrema* Ulrich and Cooper, 1932, in Schuchert and Cooper, 1932:109
- Pomeromena* Mitchell, 1977:112
- Pompeckium* Havlíček, 1970a:290
- Pondospirifer* Waterhouse, 1978:93
- Pontielasma* Waterhouse and Piyasin, 1970:163
- Pontusia* Cooper and Grant, 1969:13
- Porambonites* Pander, 1830:95
- Porambonitoides* Xu, 1978a:315
- Poramborthis* Havlíček, 1949a:107
- Porostictia* Cooper, 1955a:62
- Portneufia* Hoover, 1979:7
- Portranella* Wright, 1964:169
- Postepithyrus* Makridin, 1960, in Licharew et al., 1960:294
- Postilobothyrella* Tchorszchewsky, 1971 [nomen nudum]
- Postrhapidothyris* Tchorszchewsky, 1973 [nomen nudum]
- Pradoia* Comte, 1938:44
- Praecubanothyris* Dagys, 1974:187
- Praecyclothyris* Makridin, 1955:84
- Praegnantenia* Havlíček, 1961a:99
- Praegoniothyris* Ovtsharenko, 1977 [nomen nudum]
- Praehorridonia* Ustritsky, 1962:57; 1963, in Ustritsky and Tschernjak, 1963:94
- Praelacazella* Smirnova, 1969a:81
- Praelacunosella* Wiśniewska-Żelichowska, 1978:109
- Praeleiorhynchus* Rzonstnizkaja, 1973 [nomen nudum]
- Praelongithyrus* Middlemiss, 1959:134
- Praemagas* Fischer and Oehlert, 1892 [nomen nudum]
- Praeneothyris* Katz, 1962:143
- Praenucleata* Tchorszchewsky, 1973 [nomen nudum]
- Praewaagenoconcha* Sokolskaja, 1948:132
- Prantlina* Havlíček, 1949b:250
- Priambonites*.—Fischer de Waldheim, 1834 [misspelling of *Plectambonites*]
- Primorewia* Licharew and Kotljar, 1978:71
- Prionites*.—Fischer de Waldheim, 1834 [misspelling of *Pronites*]
- Prionorhynchia* Buckman, 1914 [nomen nudum]; 1917:62
- Prionoathyris* Cloud, 1942:66
- *(*Prisca*) Gregorio, 1930a:31 [subgenus of *Lyttonia*; = *Leptodus*]
- Proatribonium* Gratsianova, 1967:92
- Probolarina* Cooper, 1959:37
- Probolonia* Cooper, 1957b:27
- Proboscidella* Oehlert, 1887, in Fischer, 1887:1277
- Proboscidina* Branisa, 1965; Boucot, 1975 [nomina nuda; = *Proboscidina* Isaacson]
- Proboscidina* Isaacson, 1977b:192
- Procerulina* Andronov, 1961:76
- Prochlidonophora* Thomson and Owen, 1979:28
- Prochoristitella* Legrand-Blain, [1969]:220
- Proconchidium* Sapelnikov, 1969, in Nikolayev and Sapelnikov, 1969:15
- Pro davidsonia* Havlíček, 1956:564
- Producta*.—Conybeare and Phillips, 1822; Sowerby, 1825 [misspelling of *Productus*]
- Productella* Hall, 1867b:154
- Productellana* Stainbrook, 1950:374
- Productellina* Reed, 1943:99
- Productina* Sutton, 1938:551
- Productorthis* Kozlowski, 1927:9
- Productus* Sowerby, 1814:153
- Progonambonites* Öpik, 1934:138
- **Prokeysertlingina* Fredericks, 1916 [hypothetical genus; = *Poikilosakos*]
- Prokopia* Havlíček, 1953:5
- Promarginifera* Shiells, 1966:428
- (*Pronalivkinia*) Rukavishnikova, 1977:134 [subgenus of *Nalivkinia*]
- ***Pronites* Pander, 1830 [= *Clitambonites*]
- **Propatella* Grubb, 1939:558 [= *Philhedra*]
- Propygope* Bittner, 1890:210
- Prorensselaeria* Raymond, 1923:468
- Proreticularia* Havlíček, 1957a:247
- Prorichthofenia* King, [1931]:97

- Proschizophoria* Maillieux, 1912:177
Prospira Maxwell, 1954:35
Prosserella Grabau, 1910, in Grabau and Sherzer, 1910:139
Prostricklandia Rukavishnikova and Sapelnikov, 1973:106
**Prosyringothyris* Fredericks, 1916:51 [= *Syringothyris*]
Protambonites Havlíček, 1972, in Havlíček and Josopait, 1972:348
Protanidanthus Liao, 1979:537
Protathyris Kozłowski, 1929:30
Protatrypa Boucot, Johnson, and Staton, 1964:809
Protetuliferina Licharew, 1960, in Sarytcheva et al., 1960:236
Proteorthis Havlíček, 1974:168
Protobolus Liu, 1979:507
Protochonetes Muir-Wood, 1962:50
Protocortezorthis Johnson and Talent, 1967a:154
(*Protocymostrophia*) Harper and Boucot, 1978b:127 [subgenus of *Mesodowillina*]
Protodowillina Harper and Boucot, 1978b:138
Protogusarella Perry and Chatterton, 1979:317
Protoleptostrophia Caster, 1939:75
(*Protomegastrophia*) Caster, 1939:36 [subgenus of *Megastrophia*]
Protomendacella Havlíček, 1970b:31
Protonia.—Link, 1830 [misspelling of *Productus*]
Protoniella Bell, 1929:110
Protophragmapora Alekseeva, 1967:7
Protorhyncha Hall and Clarke, 1893:180
Protorthis Hall and Clarke, 1892:232
(*Protoshaleria*) Harper and Boucot, 1978b:162 [subgenus of *Shaleria*]
**Protosiphon* Matthew, 1897:70 [= *Trematobolus*]
Protoskenidioides Williams, 1974:83
Protosyphon.—Gorjansky, 1960 [misspelling of *Protosiphon*]
Protosyringothyris.—Fredericks, 1918 [misspelling of *Prosyringothyris*]
Prototreta Bell, 1938:405
Protozeuga Twenhofel, 1913, in Savage, 1913:51
Protozyga Hall and Clarke, 1893:149
Psamathopalass Liu, 1979:510
Psebajithyris Tchorschewsky, 1974:48
Pseudoanisopleurella Xu, 1978:222 [spelled *Pseudoanisopleurella* in paper]
Pseudoatrypa Copper, 1973:492
Pseudobolus Cooper, 1956:194
Pseudobornhardtina Yang, 1977:460
Pseudocamarophoria Wedekind, 1926:197
Pseudocamarotoechia Kulkov, 1974, in Ivanovskii and Kulkov, 1974:53
Pseudochonetes Su, 1976:183
Pseudoconchidium Nikiforova and Sapelnikov, 1971:52
Pseudocrania McCoy, 1851:389
Pseudocyrtina Dagys, 1962a:54
Pseudoderbyia Licharew, 1934a:213
Pseudodicellomus Bell, 1962, in Bell and Ellinwood, 1962:407
**Pseudodicoelosia* Boucot and Amsden, 1958:162 [= *Rhipidomella*]
Pseudodielasma Brill, 1940:317
**Pseudodowillina* Stainbrook, 1945:27 [= *Nervostrophia*]
Pseudogibbirhynchia Ager, 1962:108
Pseudoglossinotoechia Tcherkesova, 1967:9
Pseudoglossothyris Buckman, 1901:240
Pseudogruenewaldtia Rzonstnizkaja, 1960:46
Pseudohalorella Dagys, 1965:66
Pseudohartlina Licharew, 1934a:212
Pseudohomeospira Nikiforova, 1970:139
**Pseudokeyserlingina* Fredericks, 1916 [hypothetical genus; = *Cardinocrania*]
Pseudokingena Böse and Schlosser, 1900:177
Pseudolabaia Ching and Ye, 1979:130
Pseudolaballa Dagys, 1974:145
**Pseudoleiorhynchus* Rozman, 1962:122 [= *Trifidorostellum*]
Pseudolepismatina Ching and Sun, 1976, in Ching et al., 1976:321
**Pseudoleptaena* Miloradovich, 1947:96 [= *Leptagonia*]
***Pseudoleptaena* Williams, 1965 [invalid new name for *Leptaenella* Sokolskaja, 1952, which is a junior objective synonym of *Leptagonia*]
Pseudoleptodus Stehli, 1956:311
Pseudolingula Mickwitz, 1909:771
Pseudomagas Makridin and Katz, 1965 [nomen nudum]
Pseudomarginifera Stepanov, 1934:56
***Pseudomartinia* Leidhold, 1928 [new name proposed for *Martinia* Waagen, citation unknown; = *Martinia*]
Pseudometoptoma Huene, 1899:211
Pseudonudirostra Rozman, 1960 [nomen nudum]
**Pseudoorthotetes* Sokolskaja, 1963 in Sarytcheva et al., 1963:97 [= *Orthotetes*]
Pseudoparazyga Johnson, 1970b:181
**Pseudopentagonia* Besnossova, 1963, in Sarytcheva et al., 1963:315 [= *Composita*]
Pseudopholidops Bekker, 1921:64
Pseudoporambonites Zeng, 1977:51
‡*Pseudoprotathyris* Modzalevskaia, 1979:59
Pseudopugnax Licharew, 1956, in Kiparisova et al., 1956:56
Pseudopygoides Xu, 1978b:303
Pseudorugitela Dagys, 1959b:100
Pseudosieberella Godefroid, 1972:3
Pseudospiriferina Yang and Xu, 1966:41
Pseudostrophalosia Clarke, 1970:987
Pseudostrophomena Rōōmusoks, 1963:237
Pseudosyringothyris Fredericks, 1916:51
Pseudosyrinx Weller, 1914:405
Pseudotubithyris Almeras, 1971:361
Pseudouncinulus Rzonstnizkaja, 1968, in Markovskii, 1968:111
Pseudowattonithyris Almeras, 1971:393

- Pseudowellerella* Licharew, 1956, in Kiparisova et al., 1956: 58
- Pseudoyunnanella* Chen, 1978:336
- Psilocamara* Cooper, 1956a:523
- †*Pylonotus* Stehli, 1954 [replaced by *Elliottella*]
- Psilorica* Cooper, 1976:282
- Psilothyris* Cooper, 1955c:10
- Psioidea* Hector, 1879:538
- Psioidiella* Campbell, 1968:33
- Pterophloeus*.—Bittner, 1890 [misspelling of *Pterophloius*]
- Pterophloius*.—Zugmayer, 1880 [misspelling of *Pterophloius*]
- ***Pterophloius* Guembel, 1861 [= *Bactrynum*]
- Pteroplecta* Waterhouse, 1978:56
- Pterospirifer* Dunbar, 1955:128
- Ptilorhynchia* Crickmay, 1933:877
- Ptilorhynchus* Cooper and Grant, 1976a:2011
- Ptychoglyptus* Willard, 1928:283
- Ptychomaletoechia* Sartenaer, 1961a:7
- Ptychopellis* Perner, 1903:42
- Ptychopleurella* Schuchert and Cooper, 1931:244
- †*Ptychospira* Hall and Clarke, 1894 [replaced by *Plectospira*]
- Ptyctorhynchia* Buckman, 1914 [nomen nudum]; 1917:47
- Ptyctothyris* Buckman, 1914 [nomen nudum]; 1917:101
- Ptygmactrum* Cooper and Grant, 1976a:1939
- Puanatrypa* Xian, 1978a:302
- Puanospirifer* Jiang, 1978:329
- Pugilis* Sarytcheva, 1949:104 [replacement by *Pugilus* invalid, *Pugilis* not preoccupied]
- ***Pugilus* Sarytcheva, 1952 [invalid new name for *Pugilis*, *Pugilis* not preoccupied]
- Pugites* DeHaan, 1838 [nomen nudum]
- Pugnacina* Zyong and Rzonsnitzkaja, 1968, in Zyong et al., 1968:?
- Pugnax* Hall and Clarke, 1893:203
- Pugnoidea* Weller, 1910:512
- Pulchratia* Muir-Wood and Cooper, 1960:250
- **Pulchrithyris* Sahni, 1925:361 [= *Carneithyris*]
- (*Pulsia*) Ivanov, 1925:114 [subgenus of *Schellwienella*]
- Pumilus* Atkins, 1958:560
- Punctatrypa* Havlíček, 1953:8
- Punctocyrtella* Plodowski, 1968:252
- Punctolira* Ulrich and Cooper, 1936b:628
- **Punctopatella* Grubbs, 1939:559 [= *Petrocrania*]
- Punctospirella* Dagens, 1974:136
- Punctospirifer* North, 1920:213
- Punctothyris* Hyde, 1953:288
- Punctspinatrypa* Rzonsnitzkaja, 1975:116
- Purdonella* Reed, 1944:218 [new name for *Munella*]
- Pustula* Thomas, 1914:259
- Pustulatia* Cooper, 1956b:769 [new name for *Pustulina*]
- †*Pustulina* Cooper, 1942 [invalid new name for *Vitulina*, *Pustulina* preoccupied; replaced by *Pustulatia*]
- Pustuloplica* Waterhouse, 1968a:45
- Pygites* Buckman, 1906a:449 [new name for *Pugites*]
- Pygmaella* Baranov, 1977:80
- Pygmoconetes* Jing and Hu, 1978:111
- Pygope* Link, 1830:435
- Pyraeneica* Sučić-Protić, 1971:23
- **Pyramidalia* Nalivkin, 1947:124 [= *Cyrtinaella*]
- Pyramina* Ljaschenko, 1969a:23
- Qiansispirifer* Yang, 1977:423
- Qilianconcha* Ching, Sun, and Ye, 1979:166
- Qilianotryma* Xu, 1979b:97
- Qingyenia* Yang and Xu, 1966:50
- ***Quadraneetes* Sadlick, 1963 [= *Neoconetes*]
- Quadratia* Muir-Wood and Cooper, 1960:162
- Quadratirhynchia* Buckman, 1914 [nomen nudum]; 1917:42
- **Quadrifarius* Fuchs, 1923:854; 1929:195 [= *Delthyris*]
- (*Quadrkentron*) Boucot and Gauri, 1966:1023 [subgenus of *Strophoconetes*]
- Quadrisonia* Rowell and Henderson, 1978:6
- Quadrithyrina* Havlíček, 1959a:244
- Quadrithyris* Havlíček, 1957b:440
- Quadroconetes* Stehli, 1954:309
- Quanguyana* Sheng, 1975:81
- (*Quasiavonia*) Brunton, 1966:220 [subgenus of *Avonia*]
- Quasimartinia* Havlíček, 1957 [nomen nudum]; 1959a:257
- (*Quasistrophonella*) Harper and Boucot, 1978a:98 [subgenus of *Strophonella*]
- Quasithambonia* Bednarczyk and Biernat, 1978:303
- **Quebecia* Walcott, 1905:320 [= *Yorkia*]
- Quinquenella* Waterhouse, 1975:2
- Quizhouspirifer* Xian, 1979:116
- (*Radiatrypa*) Copper, 1978:293 [subgenus of *Variatrypa*]
- Radiomena* Havlíček, 1962:471
- Rafinesquina* Hall and Clarke, 1892:282
- Rallacosta* Cooper and Grant, 1976a:2278
- Ramavectus* Stehli, 1954:327
- Ranorthis* Öpik, 1939:119
- Rastelligera* Hector, 1879:538
- Ratburia* Yanagida, 1970:85
- **Rauffia* Schulz, 1914:371 [= *Bornhardtina*]
- †*Rauna* Öpik, 1932 [replaced by *Raunites*]
- Raunites* Öpik, 1939:135 [new name for *Rauna*]
- Ravozetina* Havlíček, 1974:169
- Rawdonia* Peou, 1979:190
- Raymondella* Bancroft, 1933 [nomen nudum]
- †*Raymondella* Whittington, 1938 [replaced by *Bancroftina*]
- Rectirhynchia* Buckman, 1917:74
- Rectithyris* Sahni, 1929:9
- Rectotrophia* Bates, 1968:176
- Redlichella* Walcott, 1908:90
- (*Reedoconcha*) Kotljar, 1964:124 [subgenus of *Productus*]
- Reefstonella* Boucot, 1959c:768
- Reefstonia* Allan, 1947b:436
- Reflexia* Rotai, 1931:24

- **Regelia* Crickmay, 1952:2 [= *Cyrtospirifer*]
Reinversella Bates, 1968:169
Remnevitoechia Gratsianova, 1970, in Alekseeva et al., 1970:97
(*Renaudia*) Racheboeuf, 1976:71 [subgenus of *Eodevonaria*]
Rensselaeria Hall, 1859b:38
Rensselaeria Dunbar, 1917:469
Rensselandia Hall, 1867a:385
Resserella Bancroft, 1928b:54
Retaria Muir-Wood and Cooper, 1960:231
Retichonetes Muir-Wood, 1962:63
Reticularia McCoy, 1844:143
Reticulariina Fredericks, 1916:16
Reticularopsis Fredericks, 1916:17
Reticulatia Muir-Wood and Cooper, 1960:284
Reticulatochonetes Bublichenko, 1956:97
Reticulatrypea Savage, 1970:663
Retimarginifera Waterhouse, 1970:123
(*Retrorsrostra*) Schuchert and Cooper, 1931:244 [subgenus of *Plaesiomys*]
Retzia King, 1850:137
- **Retziella* Nikiforova, 1937:83 [= *Rhynchospirina*]
Retzispirifer Kulkov, 1960:929
Reuschella Bancroft, 1928a:180
Reushella.—Alichova, 1960 [misspelling of *Reuschella*]
Reveroides Sapelnikov, 1976:3
Rhactomena Mitchell, 1977:111
Rhactorhynchia Buckman, 1914 [nomen nudum]; 1917:50
Rhactorthis Williams, 1963:372
Rhaetina Waagen, 1882:334
Rhaetinopsis Yang and Xu, 1966:80
Rhamnaria Muir-Wood and Cooper, 1960:119
Rhapidothyris Tuluweit, 1965:72
Rhenorensellaeria Kegel, 1913:127
(*Rhenospirifer*) Mittmeyer, 1972:99 [subgenus of *Euryspirifer*]
(*Rhenostrophia*) Boucot, 1960a:483 [subgenus of *Strophodonta*]
Rhenothyris Struve, 1970:460
Rhinobolus.—Hall and Clarke, 1892 [misspelling of *Rhynobolus*]
Rhipidium Schuchert and Cooper, 1931:249
Rhipidomella Oehlert, 1890:372 [new name for *Rhipidomys*]
**Rhipidomelloides* Boucot and Amsden, 1958:165 [= *Rhipidomella*]
Rhipidomena Cooper, 1956c:867
†*Rhipidomys* Oehlert, 1887 [replaced by *Rhipidomella*]
Rhipidothyris Cooper and Williams, 1935:847
Rhizothyris Thomson, 1915d:399
Rhombothyris Middlemiss, 1959:99
- **Rhynchatrypa* Siehl, 1962:199 [= *Dubaria*]
**Rhynchocamara* Schuchert and Cooper, 1931:248 [= *Camerella*]
Rhynchoferella Spriestersbach, 1942:199
Rhynchonella Fischer de Waldheim, 1809:35
Rhynchonellina Gemmellaro, 1871:102
Rhynchonells.—Keferstein, 1828 [misspelling of *Rhynchonella*]
Rhynchonelloidea Buckman, 1914 [nomen nudum]; 1917:38
Rhynchonelloidella Muir-Wood, 1936a:49
†*Rhynchonellopsis* Böse, 1894 [replaced by *Capillirostra*]
†*Rhynchonellopsis* Gregorio, 1930 [replaced by *Sulcistrostra*]
Rhynchonellopsis Vincent, 1893:50
Rhynchopora King, 1865:124 [replacement by *Rhynchoparina* invalid, *Rhynchopora* not preoccupied]
***Rhynchoparina* Oehlert, 1887 [invalid new name for *Rhynchopora*, *Rhynchoparina* not preoccupied]
Rhynchora Dalman, 1828:136
Rhynchorina Oehlert, 1887, in Fischer, 1887:1326
Rhynchorthis Bates, 1968:160
†*Rhynchospira* Hall, 1859 [replaced by *Rhynchospirina*]
**Rhynchospirifer* Paulus, 1957:51 [= *Prosserella*]
Rhynchospirina Schuchert and LeVene, 1929:121 [new name for *Rhynchospira*]
Rhynchotetra Weller, 1910:506
Rhynchotrema Hall, 1860:68
Rhynchotreta Hall, 1879:166
Rhynchotretina Khalifin, 1948:175
Rhynchura.—Agassiz, 1848 [misspelling of *Rhynchora*]
Rhyncospira.—Hall, 1859 [misspelling of *Rhynchospira*]
Rhynobolus Hall, 1871a:5
Rhyselasma Yadrenkina, 1972:177
Rhysostrophia Ulrich and Cooper, 1936b:630
Rhysotreta Cooper, 1956c:259
Rhyssochonetes Johnson, 1970a:2095
Rhytiophora Muir-Wood and Cooper, 1960:192
Rhytirhynchia Cooper, 1957a:8
Rhytisia Cooper and Grant, 1975:967
**Rhytistrophia* Caster, 1939:86 [= *Leptostrophia*]
Richthofenia Kayser, 1881:351
Rictia Gregorio, 1930a:27
Rigbyella Stehli, 1956:310
Rimirhynchia Buckman, 1914 [nomen nudum]; 1917:60
Rimirhynchopsis Dagens, 1963:71
Riograndella Kobayashi, 1937:422
Rionirhynchia Kvakhadze, 1971 [nomen nudum]
Rioltina Pajaud, 1966c:631
Ripidiorhynchus Sartenaer, 1966a:2
Robertorthis Havlíček, 1977a:51
Robinsonella Moisseiev, 1936:45
Robustirhynchia Seifert, 1963:174
Rochatorhynchia Katz, 1962:132
Rocheithyris Almeras, 1971:345
Roemerella Hall and Clarke, 1890:137
Romingerina Hall and Clarke, 1893:271
Roespirifer Waterhouse and Piyasin, 1970:156
Rosella Andreeva, 1972:52
†*Rossella* Jones, 1978 [replaced by *Nanukidium*]

- Rossirhynchus* Gaetani, 1964:638
Rostranteris Gemmellaro, 1898 [nomen nudum]; 1899:104
Rostricellula Ulrich and Cooper, 1942:626
Rostrirhynchia Sučić-Protić, 1969:47
 **Rostrospirifer* Grabau, 1931c:407 [= *Euryspirifer*]
Rotaia Rzonznitzkaja, 1959:30 [new name for *Welleria* Rotai, 1941]
Rotundostrophia Gratsianova, 1960, in Khalfin, 1960b:439
Rouillieria Makridin, 1960, in Licharew et al., 1960:295
Rowelletta Wright, 1963:233
 **Rowleyella* Weller, 1911:448 [= *Camarospira*]
Rozmanaria Weyer, 1972:85
 ***Rudinia* Muir-Wood and Cooper, 1960 [= *Desmoinesia*]
Rudirhynchia Buckman, 1914 [nomen nudum]; 1917:44
Ruegenella Owen, 1977:224
Rugaltarostrium Sartenaer, 1961a:6
Rugaria Cooper and Grant, 1969:5
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 ***Ruthenia* Fredericks, 1928 [= *Waagenoconcha*]
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 ***Sapelnikovia* Boucot and Johnson, 1979:118 [= *Reveroides*]
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†*Setigerella* Girty, 1938 [replaced by *Setigerites*]
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**Sinospirifer* Grabau, 1931a:231 [= *Cyrtospirifer*]
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**Sowerbina* Fredericks, [1928]:778 [= *Horridonia*]
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**Sphaerobolus* Matthew, 1895:263 [= *Lingulobolus*]
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†*Spinospirifer* Biernat, 1966:117
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Spirigerella Waagen, 1883:452
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Squamiplana Sučić-Protic, 1971:8
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- Stenochisma*.—Schuchert, 1897; Grabau and Shimer, 1909 [improper emendation of *Stenosocisma*]
- Stenocisma*.—Hall, 1847 [improper emendation of *Stenosocisma*]
- Stenoglossariorhynchus* Sartenaer, 1970:6
(*Stenopentamerus*) Boucot, 1975 [nomen nudum; = (*Stenopentamerus*) Boucot and Johnson, 1979]
- (*Stenopentamerus*) Boucot and Johnson, 1979:111 [subgenus of *Harpidium*]
- Stenosarina* Cooper, 1977:95
- Stenoschisma*.—Oehlert, 1887; Hall and Clarke, 1894 [improper emendation of *Stenosocisma*]
- Stenosocisma* Conrad, 1839:59
- **Stepanoviella* Zavodowsky, 1960:336 [= *Globiella*]
- Stepanoviina* Zavodowsky, 1968, in Markowskii, 1968:170
- Stereochia* Grant, 1976:150
- Stethothyris* Thomson, 1918:23
- Stichotrophia* Cooper, 1948:473
- Stictozoster* Grant, 1976:96
- Stiphrothyris* Buckman, 1915 [nomen nudum]; 1917:109
- Stipulina* Muir-Wood and Cooper, 1960:200
- *(*Stita*) Gregorio, 1930a:32 [subgenus of *Lyttonia*; = *Adriana*]
- Stolmorhynchia* Buckman, 1914 [nomen nudum]; 1917:46
- Stolzenburgiella* Bittner, 1903:508
- Straelenia* Maillieux, 1935:12
- Streptaria* Cooper, 1959:39
- Streptis* Davidson, 1881a:150
- Streptopomum* Havlíček, 1967a:207
- Streptorhynchus* King, 1850:107
- Striarina* Cooper, 1973a:7
- Striatifera* Chao, 1927:94
- Striatochonetes* Mikrjukov, 1968, in Markowskii, 1968:90
- Striatoproductella* Krylova, 1962:55
- **Striatoproductus* Nalivkin, 1947:75 [= *Devonoproductus*]
- Striatopugnax* Chen, 1978:322
- Striatospica* Waterhouse, 1975:11
- Stricklandia* Billings, 1859a:134 [replacement by *Stricklandinia* invalid, *Stricklandia* not preoccupied]
- Stricklandiella* Sapelnikov and Rukavishnikova, 1973:36
- ***Stricklandinia* Billings, 1863 [invalid, new name for *Stricklandia*, *Stricklandia* not preoccupied]
- Stricklandistrophia* Sapelnikov and Rukavishnikova, 1975b:96
- Strigirhynchia* Cooper and Grant, 1969:14
- Strigocephalus*.—DeFrance, 1827 [misspelling of *Strigocephale*]
- Strigospina* Liao, 1979:536
- Strirhynchia* Buckman, 1914 [nomen nudum]; 1917:68
- Striispirifer* Cooper and Muir-Wood, 1951:195 [new name for *Schuchertia*]
- Striithyris* Muir-Wood, 1935:129
- Stringocephalus* DeFrance, 1825, in Blainville, 1825:511; Sandberger, 1842 [misspelling of *Strigocephale*; however, ICZN opinion 807 validated spelling]
- (*Stringomimus*) Struve, 1965b:461 [subgenus of *Geranocephalus*]
- Striochonetes* Waterhouse and Piyasin, 1970:106
- **Strixella* Boucot and Amsden, 1958:170 [= *Rhipidomella*]
- Strophalosia* King, 1844:313
- Strophalosiella* Licharew, 1935:372
- Strophalosiina* Licharew, 1935:369
- Stropheodonta*.—Hall, 1852 [misspelling of *Strophodonta*]
- Stropheria* Rafinesque, 1820 [nomen nudum]
- Strophesia* Rafinesque, 1831 [nomen nudum]
- Strophodonta*.—Paetel, 1875 [misspelling of *Strophodonta*]
- Strophochonetes* Muir-Wood, 1962:40
- Strophodonta* Hall, 1850:348
- Strophalosia*.—Gray, 1848 [misspelling of *Strophalosia*]
- Strophomena* Rafinesque, 1824, in Blainville, 1824:302
- Strophomene*.—Bayle, 1878 [misspelling of *Strophomenes*]
- Strophomenes* Rafinesque, 1820 [nomen nudum]
- Strophonella* Hall, 1879:154
- Strophonellites* Havlíček, 1967a:184
- Strophonelloides* Caster, 1939:106
- Strophopleura* Stainbrook, 1947:324
- **Strophoprion* Twenhofel, 1914:25 [= *Strophonella*]
- Strophoproductus* Nalivkin, 1937:46
- Strophorichthofenia* Termier, Termier, Lapparent, and Marin, 1974:123
- Stroudithyris* Buckman, 1915 [nomen nudum]; 1917:111
- Struweina* Boucot, 1975:364
- Strigocephale* DeFrance, 1824 [nomen nudum]; 1825 [ICZN opinion 807 validated spelling as *Stringocephalus*]
- Strigocephalus*.—Keferstein, 1828 [misspelling of *Strigocephale*]
- **Stuartella* Belanski, 1928:24 [= *Hamburgia*]
- Sturtella* Savage, 1971:417
- Styriasis* Rafinesque, 1831 [nomen nudum]
- Subansiria* Sahni and Srivastava, 1956:212
- Subcuspidella* Mittmeyer, 1965:81
- Subglobosochonetes* Afanasjeva, 1976:67
- Subrensselandia* Cloud, 1942:92
- Subriana* Sapelnikov, 1960b:111
- Substriatifera* Kotljar, 1964:123
- Suessia* Deslongchamps, 1855:539
- Suaella* Moisseiev, 1956, in Kiparisova et al., 1956:61
- Sulaella* Barchatova, 1970 [nomen nudum]
- Sulcataria* Cooper and Grant, 1969:5
- Sulcathyris* Dürkoop, 1970:190
- Sulcatina* Schmidt, 1964:506
- Sulcatinella* Dagsys, 1974:177
- (*Sulcatospira*) Xu, 1979b:109 [subgenus of *Zygospira*]
- Sulcatospirifer* Maxwell, 1954:11
- **Sulcatostrophia* Caster, 1939:81 [= *Nervostrophia*]
- Sulcatothyris* Dagsys, 1974:176
- Sulciplica* Waterhouse, 1968a:25

- Sulcirhynchia* Burri, 1953:271
Sulcirostra Cooper and Muir-Wood, 1951:195 [new name for *Rhynchonellopsis* Gregorio, 1930]
Sulcorhynchia Dagens, 1974:103
 (*Supertrilobus*) Boucot, 1975 [nomen nudum; = (*Supertrilobus*) Boucot and Johnson, 1979]
 (*Supertrilobus*) Boucot and Johnson, 1979:100 [subgenus of *Pentamerus*];
Surugathyris Yabe and Hatai, 1934:588
 ‡*Svalbardia* Barchatova, 1970 [nomen nudum]; Afanasjeva, 1977a:26
Svaljavithyris Tchorschewsky, 1974:55
Svobodaina Havlíček, 1950:38
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Swaicoelia Hamada, 1968a:6
Swalbardoproductus Ustritsky, 1971 [nomen nudum]
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Symmatrypa Mizens and Sapelnikov, 1975:43
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 (*Synatrypa*) Copper, 1966b:10 [subgenus of *Desquamatia*]
Syndielasma Cooper, 1956c:743
Syntrielasma.—Meek and Worthen, 1866 [misspelling of *Syntrielasma*]
 **Syntrielasma* Meek and Worthen, 1865, in Meek, 1865:277 [= *Enteleles*]
Syntrophia Hall and Clarke, 1892 [nomen nudum]; 1893:216
Syntrophina Ulrich, 1928, in Weller and St. Clair, 1928:74
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Syphonotreta.—Rouiller and Vossinsky, 1847 [misspelling of *Siphonotreta*]
 **Syringopleura* Schuchert, 1910:224 [= *Syringothyris*]
Syringospira Kindle, 1909:29
Syringothyris Winchell, 1863:7
Szajnochella Tchorschewsky, 1973 [nomen nudum]
- Tadschikia* Nikiforova, 1937:35
Taemostrophia Chatterton, 1973:43
Taeniothaerus Whitehouse, 1928:281
Taffia Ulrich, 1926, in Butts, 1926:100
Tafilaltia Havlíček, 1970b:17
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Taimyropsis Ustritsky, 1963, in Ustritsky and Tschernjak, 1963:69
Taimyrothyris Dagens, 1968:118
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Taleoleptaena Havlíček, 1967a:121
Tamarella Owen, 1965:57
Tanakura Hatai, 1936:322
Tanerhynchia Allan, 1947b:442
Tangkouella Grabau, 1931 [nomen nudum]
- Tangshanella* Chao, 1929:57
Tangxiangia Xu, 1977:68
Tannuspirifer Ivanova, 1960:267
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Taphrodonta Cooper, 1956c:740
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Taphroestria Cooper and Grant, 1975:954
Tarandrospirifer Simakov, 1970:88
Tarfaya Havlíček, 1971c:32
Tastaria Havlíček, 1965b:6
Tauromenia Seguenza, 1885:253
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Tautosia Cooper and Grant, 1969:14
Tazzarina Havlíček, 1971c:39
Tchegemithyris Tchorschewsky, 1972:38
Tcherskidium Nikolayev and Sapelnikov, 1969:12
Tecnocyrtina Johnson and Norris, 1972:566
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Tectorthis Maillieux, 1940 [nomen nudum]
 †*Tegulifera* Schellwien, 1898 [replaced by *Teguliferina*]
Teguliferina Schuchert and LeVene, 1929:121 [new name for *Tegulifera*]
Tegulithyris Buckman, 1915 [nomen nudum]; 1917:123
Tegulorhynchia Chapman and Crespin, 1923:175
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Tenelloderms Havlíček, 1971a:11
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Tenticospirifer Tien, 1938:113
Tenuiatrypa Rzonstnizkaja, 1975:91
Tenuichonetes Jing and Hu, 1978:109
Tenuicostella Mittmeyer and Geib, 1967:40
Tenuisnurostrum Sartenaer, 1967:2
Teratelasma Cooper, 1956c:823
Terebratalia Beecher, 1893:382
Terebrataliopsis Smirnova, 1962:98
Terebratella Orbigny, 1847:269
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Terebratularius Duméril, 1806 [nomen nudum]
Terebratulier Duméril, 1806 [vernacular; = *Terebratularius*]
Terebratulina Orbigny, 1847:268
Terebratulites Martini, 1769 [nomen nudum]
Terebratuloidea Waagen, 1883:415
 **Terebratulopsis* Gregorio, 1930b:8 [= *Rhynchonellina*]
Terebrirostra Orbigny, 1847:269
Terrakea Booker, 1931:66
Tesuquea Sutherland and Harlow, 1973:53
 ‡*Tethorotes* Manankov, 1979:50
Tetracamera Weller, 1910:503
Tetractinella Bittner, 1890:300 (*Tetragonetes*) Cooper and Grant, 1975:1246 [subgenus of *Dyoros*]
Tetralobula Ulrich and Cooper, 1936b:628

- Tetraodontella* Jaanusson, 1962:1
Tetraphalerella Wang, 1949:29
Tetrarhynchia Buckman, 1914 [nomen nudum]; 1917:41
Tetratomia Schmidt, 1941:13
Texarina Cooper and Grant, 1970:579 [new name for *Texasia*]
†*Texasia* Cooper and Grant, 1969 [replaced by *Texarina*]
Texathyris Carter, 1972:730
**Thaerodonta* Wang, 1949:19 [= *Eoplectodonta*]
Thamnosia Cooper and Grant, 1969:10
Thaumatosis Cooper, 1973a:15
Thaumatophia Wang, 1955:343
Thebesia Amsden, 1974:69
Thecidea.—Orbigny, 1847 [misspelling of *Thecidea*]
Thecidaea.—Keferstein, 1828 [misspelling of *Thecidea*]
Thecidea Defrance, 1822, in Férussac, 1822:xxxviii
Thecidella Munier-Chalmas, 1887, in Fischer, 1887:1331
**Thecidellella* Hayasaka, 1938:10 [= *Thecidellina*]
Thecidellina Thomson, 1915c:462
Thecideum.—Fischer de Waldheim, 1834 [misspelling of *Thecidium*]
Thecidiopsis Munier-Chalmas, 1887, in Fischer, 1887:1330
Thecidium.—Sowerby, 1823 [misspelling of *Thecidea*]
Thecocyrtella Bittner, 1892:15 [new name for *Cyrtotheca*]
Thecocyrtelloidea Yang and Xu, 1966:58
Thecospira Zugmayer, 1880:152
Thecospirella Bittner, 1900:46
Thecospiropsis Dagys, 1974:75
Thedusia Cooper and Grant, 1976b:2807
Theodossia Nalivkin, 1925:282
Thiemella Williams, 1908:60
Thliborhynchia Lenz, 1967:1188
Thomasaria Stainbrook, 1945:57
Thomasella Fredericks, [1928]:778
†*Thomasella* Paul, 1942 [invalid new name for *Thomasina* Paeckelmann, 1931, *Thomasella* preoccupied; replaced by *Argentiproductus*]
†*Thomasia* Fredericks, [1928] [replacement by *Thomasina* Paeckelmann, 1931, invalid, *Thomasina* preoccupied; replacement by *Thomasella* Paul, 1942, invalid, *Thomasella* preoccupied; replaced by *Argentiproductus*]
Thomasina.—Bigot, 1927 [misspelling of *Tomasina*]
†*Thomasina* Paeckelmann, 1931 [invalid new name for *Thomasia* Fredericks, 1928, *Thomasina* preoccupied; replacement by *Thomasella* Paul, 1942, invalid, *Thomasella* preoccupied; replaced by *Argentiproductus*]
†*Thomsonia* Jackson, 1916 [replaced by *Cacata* and *Coptothyris*]
***Thomsonica* Cossman, 1920 [invalid new name for *Aetheia*, *Aetheia* not preoccupied]
Thuleproductus Sarytcheva and Waterhouse, 1972:67
Thurmannella Leidhold, 1921:357
Thysanotos Mickwitz, 1896:130
Tianzhushanella Liu, 1979:509
Tibetothyris Ching and Sun, 1976, in Ching et al., 1976:327
Tichosina Cooper, 1977:62
Timalina Batrukova, 1969:70
Timaniella Barchatova, 1968, in Markowskii, 1968:162
Timanospirifer Ljaschenko, 1973:92
Timorhynchia Ager, 1964:58
Timorina Stehli, 1961b:465
**Tingella* Grabau, 1931a:407 [= *Reticulariopsis*]
Tipispirifer Grant, 1976:213
Tiramnia Grunt, 1977a:64
(*Tisimania*) Hatai, 1938:97 [subgenus of *Diastothyris*]
Tissintia Havlíček, 1970b:14
Titanambonites Cooper, 1956c:717
Titanaria Muir-Wood and Cooper, 1960:334
Titanomena Bergström, 1968:16
Tityrophia Waterhouse, 1971, in Bamber and Waterhouse, 1971:214
Togaella Severgina, 1960, in Khalfin, 1960a:409
Tolmatchoffia Fredericks, 1933:29
Tomasina Hall and Clarke, 1892:65
Tomheganella Boucot, 1975 [nomen nudum]
Tomilia Sarytcheva, 1963, in Sarytcheva et al., 1963:220
†*Tomioopsis* Benediktova, 1956 [preoccupied by *Tomioopsis* Cope, 1893, mammal]
Tomiproductus Sarytcheva, 1963, in Sarytcheva et al., 1963:201
Tongzithyris Ching, Liao, and Fang, 1974:313
Toquimaella Johnson, 1967:876
Toquimia Ulrich and Cooper, 1936b:626
Tornquistia Paeckelmann, 1930:218 [replacement by *Paeckelmannia* invalid, *Tornquistia* not preoccupied]
Torquirhynchia Childs, 1969:95
Torynechus Cooper and Grant, 1962:1128 [new name for *Uncinuloides*]
Torynelasma Cooper, 1956c:257
Torynifer Hall and Clarke, 1893, p1. 84
Toryniferella Weyer, 1967:435
Totia Rzonstnizkaja and Mizens, 1977:92
Toxorthis Temple, 1968:20
Transennatia Waterhouse, 1975:10
Trasgu Martínez, 1979:251
Trautscholdia Ustritsky, 1967:37
Treioria Neuman and Bates, 1978:584
Trematis Sharpe, 1848:68
Trematobolos.—Easton, 1960 [misspelling of *Trematobolus*]
Trematobolus Matthew, 1893:276
Trematorthis Ulrich and Cooper, 1938:112
Trematosia Cooper, 1976:276
Trematospira Hall, 1859a:207
Tremorthis.—Ulrich and Cooper, 1938 [printer's error for *Trematorthis*]
Tretorhynchia Brunton, 1971:98
Triadispira Dagys, 1961b:457

- Triadithyris* Dagys, 1963:187
Triathyris Comte, 1938:45
Trichochonetes Roberts, 1976:22
Trichorhynchia Buckman, 1914 [nomen nudum]; 1917:58
Trichothyris Buckman, 1915 [nomen nudum]; 1917:125
Tricornia Cooper and Grant, 1976a:1945
Tridensilis Su, 1976:193
Trifidarcula Elliott, 1959:147
Trifidorostellum Sartenaer, 1961a:5
 **Trigeria* Bayle, 1878, pl. 13 [= *Retzia*]
 †*Trigonella* Quenstedt, 1868 [replaced by *Neotrigonella*]
Trigonellina Buckman, 1907:342
Trigonirhynchella Dagys, 1963:41 [new name for *Trigonirhynchia* Dagys, 1961]
Trigonirhynchia Cooper, 1942:228 [new name for *Uncinulina*]
 †*Trigonirhynchia* Dagys, 1961 [replaced by *Trigonirhynchella*]
Trigonithyris Muir-Wood, 1935:131
Trigonoglossa Dunbar and Condra, 1932:35
Trigonosemus Koenig, 1825:3
Trigonotreta Koenig, 1825:3
 (*Trigonotrophia*) Andreeva, 1972:54 [subgenus of *Idiostrophia*]
Trigorima Rafinesque, 1819; 1831 [nomina nuda]
Trigrammaria Wilson, 1945:140
Trimerella Billings, 1862:166 [replacement by *Gotlandia* Dall, 1870, later withdrawn by Dall]
Trimurellina Mitchell, 1977:74
 **Triplecella* Wilson, 1932:400 [= *Cyclospira*]
Triplecia.—Oehlert, 1887; Hall and Clarke, 1892 [incorrect emendation of *Triplesia*]
Triplesia Hall, 1859b:44
Triseptalia Makridin, 1954 [nomen nudum]
Triseptata Bondarev, 1965, in Bondarev et al., 1965:34
Triseptothyris Xu, 1978b:314
Triloechia Ulrich and Cooper, 1936b:625
Trochalocyrtina Wright, 1975:175
Trochifera Ching and Ye, 1979, in Ye and Yang, 1979:68
Trondorthis Neuman, 1974, in Neuman and Bruton, 1974:77
Tropeothyris Smirnova, 1972:69
Trophisina Cooper and Grant, 1976a:2078
Tropidelasma Cooper and Grant, 1969:3
Tropidoglossa Rowell, 1966:31
Tropidoleptus Hall, 1857:151
Tropidothyris Cooper, 1956c:507
 **Tropiorhynchia* Buckman, 1914 [nomen nudum]; 1917:33 [= *Piarorhynchia*]
Trotlandella Neuman, 1974, in Neuman and Bruton, 1974:95
Trucizetina Havlíček, 1974:169
Truncalosa Imbrie, 1959:401
Trunculites Rafinesque, 1831 [nomen nudum]
Tschatkalia Nikiforova, 1964:85
Tschernyschewia Stoyanow, 1910:855
 †*Tschernyschewiella* Fredericks, 1924 [replaced by *Kochiproductus*]
Tubaria Muir-Wood and Cooper, 1960:236
Tubegatanella Prosorovskaja, 1968:244
Tubersulculus Waterhouse, 1971, in Bamber and Waterhouse, 1971:208
Tubithyris Buckman, 1915 [nomen nudum]; 1917:115
Tubulostrophia Havlíček, 1967a:139
Tudiaophomena Xian, 1978a:266
Tufoleptina Havlíček, 1961b:447
Tulathyris Grunt, 1976:78
Tulcumbella Campbell and Engel, 1963:68
Tulipina Smirnova, 1962:102
Tulungospirifer Ching and Sun, 1976, in Ching et al., 1976:316
Tumarinia Solomina and Grigorjewa, 1973, in Grigorjewa and Solomina, 1973:35
 †*Tunaria* Hoek, 1912 [replaced by *Tunarites*]
 **Tunarites* Cooper and Muir-Wood, 1951:196 [new name for *Tunaria*; = *Bistramia*]
 (*Tungussotoechia*) Lopushinskaja, 1976:60 [subgenus of *Stegerhynchus*]
Tunisiglossa Massa, Havlíček, and Bonnefous, 1977:13
Turkmenithyris Prosorovskaja, 1962:109
Turriculum Gregorio, 1930a:26
Tuwaella Tschernyschew, 1937:11
Twenhofelia Boucot and Smith, 1978:272
Tyersella Philip, 1962:197
Tylopecta Muir-Wood and Cooper, 1960:291
Tylospiriferina Xu, 1978b:297
Tylothyris North, 1920:197
 ***Tyotoma* Grabau, 1934 [= *Spiriferellina*]
Tyrganiella Kulkov, 1970, in Alekseeva et al., 1970:167
Tyronella Mitchell, 1977:64
 **Tyrothyris* Öpik, 1953:15 [= *Meifodia*]
 ‡*Tythothyris* Zezina, 1979:224

Uchtella Ljaschenko, 1973:50
 **Uchtospirifer* Ljaschenko, 1957:885 [= *Cyrtiopsis*]
Ujandinella Baranov, 1977:75
Ukoa Öpik, 1932:33
Ulbospirifer Gretschischnikova, 1965:33
Uldziathyris Grunt, 1977b:82
Umboanctus Waterhouse, 1971, in Bamber and Waterhouse, 1971:212
Uncinella Waagen, 1883:494
 †*Uncinulina* Bayle, 1878 [replaced by *Trigonirhynchia* Cooper, 1942]
 †*Uncinuloides* King, 1931 [replaced by *Torynechus*]
Uncinulus Bayle, 1878, pl. 11
Uncinunellina Grabau, 1932:100
Uncisteges Jing and Hu, 1978:117
Uncites Defrance, 1825, in Blainville, 1825:630
Undaria Muir-Wood and Cooper, 1960:318

- (*Undatrypa*) Copper, 1978:302 [subgenus of *Punctatrypa*]
Undellaria Cooper and Grant, 1975:1158
Undiferina Cooper, 1956c:262
Undispirifer Havlíček, 1957b:439
Undispiriferoides Xian, 1978a:330
Undithyrella Havlíček, 1971c:78
Undulella Cooper and Grant, 1969:5
**Ungula* Pander, 1830:59 [= *Obolus*]
Ungulites.—Bronn, 1848 [misspelling of *Ungula*]
Unispinifer Campbell, 1957:67
Uralella Makridin, 1960, in Licharew et al., 1960:295
†*Uralia* Licharew, 1925 [replaced by *Uralina*]
**Uralina* Schuchert and LeVene, 1929:122 [new name for *Uralia*; = *Eolyttonia*]
‡*Uraloproductus* Ustritsky, 1971:21
Uralorhynchia Dagys, 1968:54
Uralospira Mizens, 1977a:82
Uralospirifer Havlíček, 1959a:246
Uralotoechia Sapelnikov, 1963:17
Urbanirhynchia Katz, 1974:252
Urbimena Havlíček, 1976:367
Urella Rzonisnitskaja, 1960, in Markowskii, 1960:403
***Urticites* Defrance, 1828 [= *Hysterolites*]
Urushenia Licharew, 1935:370
Urushtenoidea Jing and Hu, 1978:116
Ushkolia Martynova and Sverbilova, 1969:96
***Ussovia* Khalfin, 1955 [= *Wilsoniella*]
Ussuricamara Koczyrkevich, 1969:11
Ussurirhynchia Koczyrkevich, 1976a:80
- Vaga* Sapelnikov and Rukavischnikova, 1973:33
(*Vagranelia*) Sapelnikov, 1960b:116 [subgenus of *Subriana*]
Vagrana Alekseeva, 1959:389
Valcourea Raymond, 1911:240
Valdaria Bassett and Cocks, 1974:18
Valdiviathyris Helmcke, 1940:237
Vallomyonia Johnson, 1966a:158
Vandercammenina Boucot, 1975:363
**Vandergrachtella* Crickmay, 1953a:7 [= *Theodossia*]
Vandobiella Pojariskaja, 1966:22
Vaniella Kvakhadze, 1974:493
(*Variatrypa*) Copper, 1966b:12 [subgenus of *Desquamatia*]
Vectella Owen, 1965:51
Vediproductus Sarytcheva, 1965, in Ruzhentsev and Sarytcheva, 1965:219
Veghirhynchia Dagys, 1974:84
Velciella Havlíček and Snajdr, 1952 [nomen nudum]
Veliseptum Popov, 1976, in Nazarov and Popov, 1976:38
Vellamo Öpik, 1930:212
Velostrophia Havlíček, 1965b:7
Venezuelia Weisbord, 1926:22
Verchojanina Abramov, 1970:112
**Verkhotomia* Sokolskaja, 1963, in Sarytcheva et al., 1963:280 [= *Pseudosyrinx*]
Vermiculothecidea Elliott, 1953:694
Verneulia Hall and Clarke, 1893:57
Vex Hoover, 1979:9
- Viallithyns* Vörös, 1978:62
Viarhynchia Calzada Badía 1974b:170
Victorithyris Allan, 1940:289
Viligella Dagys, 1965:116
Viligothyris Dagys, 1968:89
Villicundella Levy and Nullo, 1974a:178
*(*Vincia*) Gregorio, 1930a:31 [subgenus of *Lyttonia*; = *Lep-todus*]
Virbium Gregorio, 1930a:25
Virgiana Twenhofel, 1914:27
Virgianella Nikiforova and Sapelnikov, 1971:49
Virginiata Amsden, 1968:56
Virgoria Neuman, 1977:23
(*Viruella*) Röömusoks, 1959:14 [subgenus of *Sowerbyella*]
Visbyella Walmsley, Boucot, Harper, and Savage, 1968:306
Vitiliproductus Ching and Liao, 1974:278
†*Vitulina* Hall, 1860 [nomen nudum]; 1867 [replacement by *Pustulina* invalid, *Pustulina* preoccupied, replaced by *Pustulatia*]
**Vltavothyris* Havlíček, 1956:621 [= *Meganteris*]
Voiseyella Roberts, 1964:187
Volborthis Möller, 1870:409
Volrhynchia Dagys, 1974:104
Vosmiverstum Breivel and Breivel, 1970a:54
- Waagenia* Hall, 1889 [nomen nudum; = *Polytoechia*]
Waagenites Paeckelmann, 1930:223
Waagenoconcha Chao, 1927:85
**Waagenopora* Noetling, 1902 [invalid new name for *Oldhamina*]
Waconella Owen, 1970:74
Waiparia Thomson, 1920:380
Wairakiella Waterhouse, 1967a:87
Waisiuthyrna Beets, 1943:342
Walcottina Cobbold, 1921:336
†*Waldheimia* King, 1850 [replaced by *Magellania*]
***Waldheimiathyris* Helmcke, 1939 [invalid new name for *Macandrevia*, *Macandrevia* not preoccupied]
Walkeria Haas, 1890 [nomen nudum]
Walkerithyris Cox and Middlemiss, 1978:424
Waltonia Davidson, 1850a:475
Wardakia Termier, Termier, Lapparent, and Marin, 1974:94
Warrenella Crickmay, 1953b:596
Warsawia Carter, 1974:684
Wattonithyris Muir-Wood, 1936a:91
**Wattsella* Bancroft, 1928b:55 [= *Dalmanella*]
Weberithyris Smirnova, 1969b:144
Weiningia Ching and Liao, 1974:282
Weldonithyris Muir-Wood, 1952:130
Wellerella Dunbar and Condra, 1932:287
**Welleria* Maillieux, 1931 [invalid new name for *Delthyris* in sensu Weller, 1914 (not *Delthyris* Dalman, 1828), *Welleria* preoccupied and nomen nudum; = *Tylothyris*]
†*Welleria* Rotai, 1938 [nomen nudum]; 1941 [replaced by *Rotaia*]

- Werneckella* Lenz, 1971:844
- * *Werriea* Campbell, 1957:44 [= *Orthoteles*]
- Westonia* Walcott, 1901:683
- Westralicrania* Cockbain, 1967:119
- Whidbornella* Reed, 1943:71
- Whitfieldella* Hall and Clarke, 1893:58
- * *Whitfieldia* Davidson, 1882:107 [= *Meristina*]
- Whitspokia* Stehli, 1964:610 [new name for *Pakistania*]
- Whittardia* Williams, 1974:62
- Wilberrya* Yancey, 1978:301
- † *Wilsonella* Nikiforova, 1937 [invalid new name for *Wilsonia*, *Wilsonella* preoccupied; replaced by *Sphaerirhynchia*]
- † *Wilsonia* Kayser, 1871 [replacement by *Wilsonella* invalid, *Wilsonella* preoccupied; replaced by *Sphaerirhynchia*]
- Wilsoniella* Khalfin, 1939:83
- Wimanella* Walcott, 1908:99
- * *Winterfeldia* Spriestersbach, 1942:198 [= *Uncites*]
- Wittenburgella* Dagys, 1959a:30
- Worobievella* Dagys, 1959a:33
- † *Worthenella* Girty, 1938 [replaced by *Labriproductus*]
- Wyatkina* Fredericks, 1931:211
- Wyella* Khodalevich, 1939:21
- Wyndhamia* Booker, 1930:25
- Wynnina* Walcott, 1908 [nomen nudum]; 1912:771
- Wysogorskiella* Hints, 1975:61
- X*, Pajaud, 1966 [un-named; = *Konstantia*]
- Xana* Garcia-Alcalde, 1972a:5
- Xenambonites* Cooper, 1956c:814
- Xenelasma* Ulrich and Cooper, 1936b:631
- Xenelasmella* Rozman, 1964, in Chugaeva et al., 1964:137
- Xenelasmopsis* Rozman, 1969 [nomen nudum]
- Xenizostrophia* Su, 1976:181
- Xenomartinia* Havlíček, 1953:6
- Xenorthis* Ulrich and Cooper, 1936b:620
- Xenosaria* Cooper and Grant, 1976a:2171
- Xenospirifer* Hou and Xian, 1975:69
- Xenosteges* Muir-Wood and Cooper, 1960:111
- Xenostrophia* Wang, 1974, in Wang et al., 1974:38
- Xenothyris* Ching, Rong, and Sun, 1976, in Ching et al., 1976:337
- Xerospirifer* Havlíček, 1978:103
- Xerxespirifer* Cocks, 1979b:40
- Xestlosia* Cooper and Grant, 1975:1063
- Xestotrema* Cooper and Grant, 1969:16
- Xiangzhouia* Ni and Yang, 1977:464
- Xinanorthis* Xu, Rong, and Liu, 1974:145
- Xinanospirifer* Rong, Xu, and Yang, 1974:206
- Xinshaoella* Zhao, 1977:391
- Xizangostrophia* Rong, 1976, in Liu, 1976:150
- Xystostrophia* Havlíček, 1965a:292
- Yabeithyris* Hatai, 1948:498
- Yagonia* Roberts, 1976, in Roberts et al., 1976:210
- Yakovlevia* Fredericks, 1925:7
- Yakutijaella* Baranov, 1977:77
- Yanbianella* Tong, 1978:239
- Yangkongia* Xu and Liu, 1979 [nomen nudum]
- Yangtzeella* Kolarova, 1925:219
- Yanguania* Yang, 1977:346; 1978a:107; 1978b:249
- Yanisheuskiella* Licharew, 1957:138
- Yanospira* Dagys, 1977a:11
- Yarirhynchia* Ching and Sun, 1979 [nomen nudum]
- * *Yatsengina* Semichatova, 1936:216 [= *Choristites*]
- * *Yavorskiella* Lazutkin, 1940 [nomen nudum; = *Lazutkinia*]
- Yeosinella* Reed, 1933:193
- * *Ygera* Havlíček, 1961b:449 [= *Plectodontella*]
- Ygerodiscus* Havlíček, 1967a:62
- Yidunella* Ching, Sun, and Ye, 1979:148
- Yinglangella* Bai and Ying, 1977 [nomen nudum]; 1978 in Yoh and Bai, 1978:54
- Yungwuspirifer* Rong, Xu, and Yang, 1974:201
- Yochelsonia* Stehli, 1961a:454
- Yorkia* Walcott, 1897:714
- Ypsilorhynchus* Sartenaer, 1970:9
- * *Yrctospirifer* Gatinaud, 1949:488 [= *Cyrtospirifer*]
- Yuezuella* Ching and Ye, 1979, in Ye and Yang, 1979:69
- Yunnanella* Grabau, 1923:195
- † *Yunnanella* Grabau, 1931 [replaced by *Nayunnella*]
- ** *Yunnanellina* Grabau, 1931 [= *Yunnanella* Grabau, 1923]
- Zaissania* Sokolskaja, 1968, in Sarytcheva, 1968:197
- Zancloerhynchia* Xu, 1979b:96
- Zdimir* Barrande, 1881:171
- Zdimirella* Tcherkesova, 1973:32
- Zeilleria* Bayle, 1878, pl. 9
- Zeillerina* Kyanssep, 1959:119
- Zejszneria* Siemiradzki, 1922:172
- Zellania* Moore, 1855:111
- Zeraushanotoechia* Rzonsonitzkaja, 1977:127
- Zeuschneria* Smirnova, 1975a:137
- Zhidothyris* Ching, Sun, and Ye, 1979:216
- Zhonghuacoelia* Chen, 1978:361
- Zia* Sutherland and Harlow, 1973:59
- Ziganella* Nalivkin, 1960, in Ivanova, 1960:280
- * *Zigania* Nalivkin, 1937 [nomen nudum; = *Dzieduszycia*]
- Zilimia* Nalivkin, 1937 [nomen nudum]; 1947:98
- Zittelina* Rollier, 1919:368
- Zlichopyramis* Havlíček, 1975:233
- Zlichorhynchus* Havlíček, 1963a:403
- Zonarites* Rafinesque, 1831? [incertae sedis]
- Zophostrophia* Veevers, 1959:63
- Zugmayerella* Dagys, 1963:99
- Zugmayeria* Waagen, 1882:334 [originally spelled *Zugmeyeria* by Waagen, corrected to *Zugmayeria*]
- Zygytrypa* Copper, 1977:307
- Zygospira* Hall, 1862:155
- Zygospiraella* Nikiforova, 1961, in Nikiforova and Andreeva, 1961:237

Computerized List of Valid Genera and Subgenera

(Including subjective synonyms)

Genus/Subgenus Superfamily	Author Author	Date Date	Type-Species Range	Author Author	Date Date
<i>Abrekia</i>	Dagys	1974	<i>Abrekia sulcata</i>	Dagys	1974
Rhynchonellacea	Gray	1848	Triassic		
<i>Abyssothyris</i>	Thomson	1927	<i>Terebratula wyvillei</i>	Davidson	1878
Terebratulacea	Gray	1840	Tertiary-Recent		
<i>Acambona</i>	White	1865	<i>Acambona prima</i>	White	1862
Retziacea	Waaqen	1883	Mississippian		
<i>Acanthambonia</i>	Cooper	1956	<i>Acanthambonia minutissima</i>	Cooper	1956
Lingulacea	Menke	1828	Ordovician		
<i>Acanthatia</i>	Muir-Wood&Cooper	1960	<i>Heteralosia nupera</i>	Stainbrook	1947
Productacea	Gray	1840	Devonian		
<i>Acanthocosta</i>	Roberts	1971	<i>Acanthocosta teichertii</i>	Roberts	1971
Productacea	Gray	1840	Mississippian		
<i>Acanthocrania</i>	Williams	1943	<i>Crania spiculata</i>	Rowley	1908
Craniacea	Menke	1828	Ordovician-Permian		
<i>Acanthoplecta</i>	Muir-Wood&Cooper	1960	<i>Producta mesoloba</i>	Phillips	1836
Productacea	Gray	1840	Mississippian		
<i>Acanthoproductus</i>	Martynova	1970	<i>Acanthoproductus bogdanovi</i>	Martynova	1970
Productacea	Gray	1840	Devonian		
<i>Acanthorhynchia</i>	Buckman	1917	<i>Acanthothyris panacanthina</i>	Buckman&Walker	1889
Rhynchonellacea	Gray	1848	Jurassic		
<i>Acanthorthis</i>	Neuman	1977	<i>Acanthorthis terreneuvensis</i>	Neuman	1977
Orthacea	Woodward	1852	Ordovician		
<i>Acanthospirifer</i>	Menakova	1964	<i>Acanthospirifer edelschsteini</i>	Menakova	1964
Spiriferacea	King	1846	Silurian		
<i>Acanthospirina</i>	Schuchert&LeVene	1929	<i>Spirifera aciculifera</i>	Rowley	1893
Spiriferinacea	Davidson	1884	Mississippian		
<i>Acanthothiris</i>	Orbigny	1850	<i>Anomia spinosa</i>	Linne	1788
Rhynchonellacea	Gray	1848	Jurassic		
<i>Acanthothyropsis</i>	Kamyschan	1973	<i>Rhynchonella crossi</i>	Walker	1869
Rhynchonellacea	Gray	1848	Jurassic		
<i>Acculina</i>	Misius	1977	<i>Acculina acculina</i>	Misius	1977
Plectambonitacea	Jones	1928	Ordovician		
<i>Acidotocarena</i>	Liu	1979	<i>Acidotocarena oxyria</i>	Liu	1979
Uncertain			Cambrian		
<i>Acolosia</i>	Cooper&Grant	1976	<i>Acolosia qlabra</i>	Cooper&Grant	1976
Rhynchonellacea	Gray	1848	Permian		
<i>Acosarina</i>	Cooper&Grant	1969	<i>Acosarina dorsisulcata</i>	Cooper&Grant	1969
Enteletacea	Waagen	1884	Permian		
<i>Acritosia</i>	Cooper&Grant	1969	<i>Acritosia magna</i>	Cooper&Grant	1969
Strophalosiacea	Schuchert	1913	Permian		
<i>Acrosaccus</i>	Willard	1928	<i>Acrosaccus shuleri</i>	Willard	1928
Discinacea	Gray	1840	Ordovician-Silurian		

- Acrospirifer* Helmbrecht & Wedekind 1923
Spiriferaceae King 1846
- Acrothele* Linnarsson 1876
Acrotretacea Schuchert 1893
- Acrothyra* Matthew 1901
Acrotretacea Schuchert 1893
- Acrothyris* Hou 1963
Strinquocephalacea King 1850
- Acrotreta* Kutorga 1848
Acrotretacea Schuchert 1893
- Acrotretella* Ireland 1961
Acrotretacea Schuchert 1893
- Actinoconchus* McCoy 1844
Athyridacea McCoy 1844
- Actinomena* Opik 1930
Strophomenacea King 1846
- Acuminothyris* Roberts 1963
Spiriferaceae King 1846
- Acutatheca* Stainbrook 1945
Spiriferaceae King 1846
- Acutella* Ljaschenko 1973
Spiriferaceae King 1846
- Acutilineolus* Amsden 1978
Cyrtiacea Fredericks 1924
- Adiaphragma* Xian 1978
Plectambonitacea Jones 1928
- Admiculoria* Waterhouse & Gupta 1978
Delthyridacea Phillips 1841
- Admixtella* Rozman 1978
Clitambonitacea Winchell & Schuchert 1893
- Adolfia* Gurich 1909
Spiriferaceae King 1846
- Adolfispirifer* Krylova 1962
Spiriferaceae King 1846
- Adrenia* Chatterton 1973
Stringocephalacea King 1850
- Adriana* Gregorio 1930
Lyttoniacea Waagen 1883
- Adygella* Dagys 1959
Dielasmatacea Schuchert 1913
- Adygelloides* Dagys 1959
Dielasmatacea Schuchert 1913
- Aegiria* Opik 1933
Plectambonitacea Jones 1928
- Aegiromena* Havlicek 1961
Plectambonitacea Jones 1928
- Aegironetes* Havlicek 1967
Plectambonitacea Jones 1928
- Aemula* Steinich 1968
Terebratellacea King 1850
- Spirifer primaevus* Steiniger 1853
 Devonian
- Acrothele coriacea* Linnarsson 1876
 Cambrian
- Acrotreta proavia* Matthew 1899
 Cambrian
- Acrothyris kwanqsiensis* Hou 1963
 Devonian
- Acrotreta subconica* Kutorga 1848
 Cambrian-Ordovician
- Acrotretella siluriana* Ireland 1961
 Silurian
- Spirifera planosulcata* Phillips 1836
 Carboniferous
- Strophomena orta* Opik 1930
 Ordovician
- Acuminothyris triangularis* Roberts 1963
 Mississippian
- Acutatheca propria* Stainbrook 1945
 Devonian
- Uchtospirifer angulosus* Ljaschenko 1959
 Devonian
- Eospirifer acutolineatus* Amsden 1968
 Silurian
- Adiaphragma ganxiensis* Wan 1978
 Devonian
- Spirifer middlemissi* Diener 1915
 Mississippian
- Admixtella orientalis* Rozman 1978
 Ordovician
- Spirifer deflexus* Roemer 1843
 Devonian
- Spirifer jeremejewi* Tschernyschew 1887
 Devonian
- Adrenia expansa* Chatterton 1973
 Devonian
- Adriana osiensis* Gregorio 1930
 Permian
- Adygella cubanica* Dagys 1959
 Triassic
- Adygelloides labensis* Dagys 1959
 Triassic
- Aegiria norvegica* Opik 1933
 Silurian
- Leptaena aquila* Barrande 1848
 Ordovician
- Strophomena tristis* Barrande 1879
 Ordovician
- Aemula inusitata* Steinich 1968
 Cretaceous

- Aenigmastricklandia* Ziegler 1966
Pentameracea McCoy 1844
- Aenigmastrophia* Boucot 1971
Strophomenacea King 1846
- Aenigmathyris* Cooper 1971
Terebratulacea Gray 1840
- Aeuspiriferina* Yang&Yin 1962
Spiriferinacea Davidson 1884
- Aerothyris* Allan 1939
Terebratellacea King 1850
- Aesopomum* Havlicek 1965
Orthotetacea Waagen 1884
- Aetheia* Thomson 1915
Rhynchonellacea Gray 1848
- Afghanospirifer* Plodowski 1968
Spiriferacea King 1846
- Afilasma* Stehli 1961
Dielasmatacea Schuchert 1913
- Agastapleura* Xu 1978
Uncertain
- Ageslesia* Cooper&Grant 1969
Aulostegacea Muir-Wood&Cooper 1960
- Agerinella* Pajaud&Patruilius 1965
Thecideacea Gray 1840
- Agramatia* Sokolskaja 1948
Productacea Gray 1840
- Agulhasia* King 1871
Terebratulacea Gray 1840
- Ahtiella* Opik 1932
Plectambonitacea Jones 1928
- Airtonia* Cope 1934
Chonetacea Bronn 1862
- Aktassia* Popov 1976
Acrotretacea Schuchert 1893
- Ala* Nalivkin 1979
Spiriferacea King 1846
- Alaskospira* Kirk&Amsden 1952
Cyrtiacea Fredericks 1924
- Alatiformia* Struve 1963
Spiriferacea King 1846
- Alatoproductus* Ching&Zhu 1978
Strophalosiacea Schuchert 1913
- Aldanispirifer* Alekseeva 1967
Spiriferacea King 1846
- Aldanotreta* Pelman 1977
Paterinacea Schuchert 1893
- Aldingia* Thomson 1916
Terebratellacea King 1850
- Aenigmastricklandia contorta* Ziegler 1966
Silurian
- Aenigmastrophia cooperi* Boucot 1971
Silurian
- Aenigmathyris stearnsi* Cooper 1971
Tertiary
- Aeuspiriferina multiplicata* Yang&Yin 1962
Triassic
- Magellania macquariensis* Thomson 1918
Recent
- Strophomena aesopea* Barrande 1879
Devonian
- Waldheimia sinuata* Hutton 1873
Tertiary-Recent
- Afghanospirifer burgutschensis* Plodowski 1968
Permian
- Afilasma beecheri* Stehli 1961
Devonian
- Agastapleura aenina* Xu 1978
Ordovician
- Aulosteges triangularis* King 1931
Permian
- Agerinella lyrata* Pajaud&Patruilius 1965
Jurassic
- Productus agramati* Nalivkin 1934
Devonian
- Agulhasia davidsonii* King 1871
Recent
- Ahtiella lirata* Opik 1932
Ordovician
- Airtonia hudsoni* Cope 1934
Mississippian
- Aktassia triangularis* Popov 1976
Ordovician
- Ala tau* Nalivkin 1979
Mississippian
- Alaskospira dunbari* Kirk&Amsden 1952
Silurian
- Spirifer alatiformis* Drevermann 1907
Devonian
- Alatoproductus truncatus* Ching&Zhu 1978
Permian
- Aldanispirifer helenae* Alekseeva 1967
Devonian
- Aldanotreta sunnaginensis* Pelman 1977
Cambrian
- Terebratella furculifera* Tate 1880
Tertiary-Recent

- Alexenia* Ivanova 1935
Productacea Gray 1840
- Alichovia* Gorjansky 1969
Siphonotretacea Kutorga 1848
- Aliconchidium* St. Joseph 1942
Pentameracea McCoy 1844
- Alimbella* Andreeva 1961
Porambonitacea Davidson 1853
- Alipunctifera* Waterhouse 1975
Spiriferinacea Davidson 1884
- Alisina* Rowell 1962
Obolellacea Walcott & Schuchert 1908
- Alispira* Nikiforova 1961
Atrypacea Gill 1871
- Alispirifer* Campbell 1961
Spiriferacea King 1846
- Alitaria* Cooper & Muir-Wood 1967
Productacea Gray 1840
- Allanella* Crickmay 1953
Spiriferacea King 1846
- Allanetes* Boucot & Johnson 1967
Chonetacea Bronn 1842
- Allorhynchoides* Savage et al 1978
Rhynchonellacea Gray 1848
- Allorhynchus* Weller 1910
Rhynchonellacea Gray 1848
- Almerarhynchia* Calzada 1974
Rhynchonellacea Gray 1848
- Alphachoristites* Gatinaud 1949
Spiriferacea King 1846
- Alphacyrtiopsis* Gatinaud 1949
Spiriferacea King 1846
- Alphaneospirifer* Gatinaud 1949
Spiriferacea King 1846
- Altaestrophia* Bublichenko 1956
Strophomenacea King 1846
- Altaethyrella* Severgina 1978
Atrypacea Gill 1871
- Altajella* Kulkov 1962
Spiriferacea King 1846
- Altipecus* Stehli 1954
Spiriferinacea Davidson 1884
- Altorthis* Andreeva 1961
Orthacea Woodward 1952
- Alwynella* Spjeldnaes 1957
Plectambonitacea Jones 1928
- Alwynia* Stehli 1961
Dielasmatacea Schuchert 1913
- Alexenia* reticulata Ivanova 1935
Pennsylvanian
- Alichovia* ramispinosa Gorjansky 1969
Ordovician
- Aliconchidium* yassi St. Joseph 1942
Silurian
- Alimbella* armata Andreeva 1960
Ordovician
- Spiriferina* kaihikuana Trechmann 1918
Triassic
- Obolella* atlantica Walcott 1890
Cambrian
- Zygospira* gracilis Nikiforova 1961
Silurian
- Alispirifer* laminosus Campbell 1961
Pennsylvanian
- Productus* expansus Koninck 1842
Mississippian
- Spirifer* allani Warren 1944
Devonian
- Allanetes* neozelanica Boucot & Johnson 1967
Devonian
- Allorhynchoides* kirki Savage et al 1978
Devonian
- Rhynchonella* heteropsis Winchell 1865
Mississippian-Permian
- Almerarhynchia* virgiliana Calzada 1974
Cretaceous
- Choristites* bisulcatiformis Semichatova 1941
Mississippian-Permian
- Cyrtiopsis* murchisoniana Grabau 1931
Devonian
- Spirifer* mahaensis Huang 1933
Pennsylvanian-Permian
- Leptodontella* acuta Khalifin 1948
Devonian
- Altaethyrella* megala Severgina 1978
Ordovician
- Altajella* contorta Kulkov 1962
Devonian
- Altipecus* cooperi Stehli 1954
Permian
- Altorthis* kinderlensis Andreeva 1960
Ordovician
- Alwynella* osloensis Spjeldnaes 1957
Ordovician
- Dielasma* vesiculare Koninck 1887
Mississippian

- Ambikella* Sahni&Srivastava 1956
Reticulariacea Waagen 1883
- Ambocoelia* Hall 1860
Cyrtiacea Fredericks 1924
- AmboGLOSSa* Wang&Zhu 1979
Cyrtiacea Fredericks 1924
- Ambonorthella* Bassett 1972
Enteletacea Waagen 1884
- Ambothyris* George 1931
Cyrtiacea Fredericks 1924
- Amsopleura* Carter 1967
Spiriferacea King 1846
- Ametoria* Cooper&Grant 1975
Productacea Gray 1840
- Amissopecten* Havlicek 1960
Rhynchonellacea Gray 1848
- Amoenospirifer* Havlicek 1957
Spiriferacea King 1846
- Amosina* Boucot 1975
Chonetacea Bronn 1862
- Amphiclina* Laube 1865
Koninckinacea Davidson 1853
- Amphiclinodonta* Bittner 1888
Koninckinacea Davidson 1853
- Amphigenia* Hall 1867
Stringocephalacea King 1850
- Amphipella* Cooper&Grant 1969
Rhynchonellacea Gray 1848
- Amphistrophia* Hall&Clarke 1892
Strophomenacea King 1846
- Amphistropihiella* Harper&Boucot 1978
Stropheodontacea Caster 1939
- Amphithyris* Thomson 1918
Terebratellacea King 1850
- Amphitomella* Bittner 1890
Athyridacea McCoy 1844
- Amsdenella* Tillman 1967
Rhynchonellacea Gray 1848
- Amsdenina* Boucot 1975
Pentameracea McCoy 1844
- Amsdenostropihiella* Harper&Boucot 1978
Stropheodontacea Caster 1939
- Amurothyris* Koczyrkevicz 1976
Dielasmatacea Schuchert 1913
- Amygdalocosta* Waterhouse 1967
Dielasmatacea Schuchert 1913
- Anabaiia* Clarke 1893
Dayiacea Waagen 1883
- Ambikella* fructiformis Sahni&Srivastava 1956
Permian
- Orthis* umbonata Conrad 1842
Devonian-Mississippian
- Ambothyris* transversa Wang et al 1974
Devonian
- Ambonorthella* hancocki Bassett 1972
Silurian
- Spirifer* infimus Whidborne 1893
Devonian
- Spirifera* novamexicana Miller 1881
Mississippian
- Ametoria* residua Cooper&Grant 1975
Permian
- Terebratula* velox Barrande 1847
Devonian
- Spirifer* thetidis Barrande 1848
Devonian
- Chonetes* fuertensis Kayser 1897
Silurian-Devonian
- Producta* dubia Munster 1841
Triassic
- Amphiclinodonta* liasina Bittner 1888
Triassic-Jurassic
- Pentamerus* elongatus Vanuxem 1843
Devonian
- Amphipella* arcaria Cooper&Grant 1969
Permian
- Strophomena* striata Hall 1843
Silurian
- Orthis* funiculata McCoy 1846
Silurian
- Amphithyris* buckmani Thomson 1918
Recent
- Terebratula* hemisphaeroidica Klipstein 1843
Triassic
- Rhynchonella* abrupta Hall 1857
Devonian
- Sieberella* roemeri Hall&Clarke 1892
Silurian
- Strophonella* prolongata Foerste 1903
Silurian
- Amurothyris* costulata Koczyrkevicz 1976
Permian
- Amygdalocosta* rara Waterhouse 1967
Permian
- Anabaiia* paraia Clarke 1893
Silurian

- Anabaria Lopushinskaja* 1965
Atrypacea Gill 1871
- Anabolotreta Rowell&Henderson* 1978
Acrotretacea Schuchert 1893
- Anadyrella Dagys* 1974
Dielasmatacea Schuchert 1913
- Anarhynchia Ager* 1964
Rhynchonellacea Gray 1848
- Anastrophia Hall* 1867
Porambonitacea Davidson 1853
- Anathyrella Khalfin* 1960
Athyridacea McCoy 1944
- Anathyris Peetz* 1901
Athyridacea McCoy 1944
- Anatrypa Nalivkin* 1941
Atrypacea Gill 1871
- Anazyga Davidson* 1882
Atrypacea Gill 1871
- Anchigonites Opik* 1939
Gonambonitacea Schuchert&Cooper 1931
- Ancillotoechia Havlicek* 1959
Rhynchonellacea Gray 1848
- Ancistrocrania Hall* 1877
Craniacea Menke 1828
- Ancistrorhyncha Ulrich&Cooper* 1942
Rhynchonellacea Gray 1848
- Ancorhynchia Ching&Ye* 1979
Rhynchonellacea Gray 1848
- Ancylostrophia Harper et al* 1967
Strophomenacea King 1846
- Andobolus Kozłowski* 1930
Lingulacea Menke 1828
- Aneboconcha Cooper* 1973
Terebratellacea Kino 1850
- Anechophragma Neuman* 1977
Plectambonitacea Jones 1928
- Anemonaria Cooper&Grant* 1969
Productacea Gray 1840
- Aneuthelasma Cooper&Grant* 1976
Dielasmatacea Schuchert 1913
- Angarella Asatkin* 1932
Craniacea Menke 1828
- Angulotreta Palmer* 1954
Acrotretacea Schuchert 1893
- Angusticardinia Schuchert&Cooper* 1931
Enteletacea Waagen 1884
- Angustothyris Dagys* 1972
Terebratellacea King 1850
- Catazyga rara Nikiforova* 1961
 Silurian
- Anabolotreta tequila Rowell&Henderson* 1978
 Cambrian
- Anadyrella infrequens Dagys* 1974
 Triassic
- Anarhynchia gabbi Ager* 1964
 Jurassic
- Pentamerus verneuili Hall* 1857
 Silurian-Devonian
- Anathyris ussovi Khalfin* 1933
 Devonian
- Spirifera phalaena Phillips* 1841
 Devonian
- Orthis micans Buch* 1840
 Devonian
- Atrypa recurvirostris Hall* 1847
 Ordovician
- Anchigonites conulus Opik* 1939
 Ordovician
- Rhynchonella ancillans Barrande* 1879
 Silurian
- Crania parisiensis Defrance* 1819
 Cretaceous&Recent
- Ancistrorhyncha costata Ulrich&Cooper* 1942
 Ordovician
- Ancorhynchia madoensis Ching&Ye* 1979
 Permian
- Ancylostrophia kondelensis Harper et al* 1967
 Devonian
- Andobolus jackowskii Kozłowski* 1930
 Ordovician
- Aneboconcha obscura Cooper* 1973
 Recent
- Anechophragma rarum Neuman* 1977
 Ordovician
- Anemonaria inflata Cooper&Grant* 1969
 Permian
- Aneuthelasma amygdalinum Cooper&Grant* 1976
 Permian
- Angarella jaworowskii Asatkin* 1932
 Ordovician
- Angulotreta triangularis Palmer* 1954
 Cambrian
- Porambonites recta Pander* 1830
 Ordovician
- Waldheimia angustaeformis Bockh* 1872
 Triassic

- Anidanthus* Hill 1950
 Productacea Gray 1840
- Anisactinella* Bittner 1890
 Athyridacea McCoy 1844
- Anisopleurella* Cooper 1956
 Plectambonitacea Jones 1928
- Anomactinella* Rittner 1890
 Athyridacea McCoy 1844
- Anomalesia* Cooper&Grant 1976
 Cryptonellacea Thomson 1926
- Anomaloglossa* Percival 1978
 Lingulacea Menke 1828
- Anomaloria* Cooper&Grant 1969
 Reticulariacea Waagen 1885
- Anomalorthis* Ulrich&Cooper 1936
 Gonambonitacea Schuchert&Cooper 1931
- Anoplia* Hall&Clarke 1892
 Chonetacea Bronn 1862
- Anopliopsis* Girty 1938
 Chonetacea Bronn 1862
- Anoplothea* Sandberger 1855
 Dayiacea Waagen 1883
- Anoptambonites* Williams 1962
 Plectambonitacea Jones 1928
- Aneshia* Termier&Termier 1970
 Strophalosiacea Schuchert 1913
- Antelocoelia* Isaacson 1977
 Dayiacea Waagen 1883
- Anteridocus* Cooper&Grant 1976
 Rhynchonellacea Gray 1848
- Anthracospirifer* Lane 1963
 Spiriferacea King 1846
- Antigaleatella* Sapelnikov et al 1975
 Pentameracea McCoy 1844
- Antigonambonites* Opik 1934
 Gonambonitacea Schuchert&Cooper 1931
- Antigoniarcula* Elliott 1959
 Terebratulacea King 1850
- Antinomia* Catullo 1851
 Terebratulacea Gray 1840
- Antiptychina* Zittel 1880
 Zeilleriacea Allan 1940
- Antiquatonia* Miloradovich 1945
 Productacea Gray 1840
- Antirhynchonella* Oehlert 1887
 Pentameracea McCoy 1844
- Antispirifer* Williams 1916
 Spiriferacea King 1846
- Linoproductus springsurensis* Booker 1932
 Pennsylvanian-Permian
- Terebratula quadriplecta* Munster 1841
 Triassic
- Anisopleurella tricostellata* Cooper 1956
 Ordovician
- Terebratula flexuosa* Munster 1841
 Triassic
- Anomalesia perplexa* Cooper&Grant 1976
 Permian
- Anomaloglossa porca* Percival 1978
 Ordovician
- Anomaloria anomala* Cooper&Grant 1969
 Permian
- Anomalorthis utahensis* Ulrich&Cooper 1936
 Ordovician
- Leptaena nucleata* Hall 1857
 Devonian
- Chonetina subcarinata* Girty 1926
 Mississippian
- Terebratula venusta* Schnur 1853
 Devonian
- Leptaena grayae* Davidson 1883
 Ordovician
- Aneshia thecideiformis* Termier&Termier 1970
 Permian
- Antelocoelia johnsoni* Isaacson 1977
 Devonian
- Anteridocus gongylus* Cooper&Grant 1976
 Permian
- Anthracospirifer birdspringensis* Lane 1963
 Pennsylvanian
- Antigaleatella laevis* Sapelnikov et al 1975
 Ordovician
- Gonambonites plana* Pander 1830
 Ordovician
- Argiope perrieri* Deslongchamps 1853
 Jurassic
- Antinomia dilatata* Catullo 1851
 Jurassic-Cretaceous
- Terebratula bivallata* Deslongchamps 1859
 Jurassic
- Productus antiquatus* Sowerby 1821
 Mississippian&Permian
- Atrypa linguifera* Sowerby 1839
 Silurian
- Antispirifer harroldi* Williams 1916
 Devonian

- Antistrix* Johnson 1972
 Rhynchonellacea Gray 1848
- Antronaria* Cooper&Grant 1976
 Rhynchonellacea Gray 1848
- Apatomorpha* Cooper 1956
 Plectambonitacea Jones 1928
- Apatorthis* Opik 1933
 Enteletea Waaqen 1884
- Aperispirifer* Waterhouse 1968
 Spiriferacea King 1846
- Aphanomena* Bergstrom 1968
 Strophomenacea King 1846
- Aphaurosia* Cooper&Grant 1976
 Rhynchonellacea Gray 1848
- Aphelesia* Cooper 1959
 Rhynchonellacea Gray 1848
- Apheoorthina* Havlicek 1949
 Orthacea Woodward 1852
- Apheoorthis* Ulrich&Cooper 1936
 Orthacea Woodward 1852
- Apicilirella* Su 1976
 Davidsoniacea King 1850
- Apollonorthis* Mitchell 1974
 Orthacea Woodward 1852
- Apomatella* Schuchert&Cooper 1931
 Clitambonitacea Winchell&Schuchert 1893
- Apoptamerus* Boucot&Johnson 1979
 Pentameracea McCoy 1844
- Aporthophyla* Ulrich&Cooper 1936
 Plectambonitacea Jones 1928
- Aporthophylina* Liu 1976
 Plectambonitacea Jones 1928
- Apousiella* Carter 1972
 Spiriferacea King 1846
- Apringia* Gregorio 1886
 Rhynchonellacea Gray 1848
- Apsilingula* Williams 1977
 Lingulacea Menke 1828
- Apsocalymma* McIntosh 1974
 Davidsoniacea King 1850
- Apsotreta* Palmer 1954
 Acrotretacea Schuchert 1893
- Araratella* Sartenaer&Plodowski 1975
 Rhynchonellacea Gray 1848
- Aratanea* Schmidt 1967
 Rhynchonellacea Gray 1848
- Araxathyris* Grunt 1965
 Athyridacea McCoy 1844
- Antistrix* *invicta* Johnson 1972
 Devonian
- Antronaria* *speciosa* Cooper&Grant 1976
 Permian
- Rafinesquina* *pulchella* Raymond 1928
 Ordovician
- Apatorthis* *punctata* Opik 1933
 Ordovician
- Neospirifer* *wairakiensis* Waterhouse 1964
 Permian
- Aphanomena* *schmalenseei* Bergstrom 1968
 Ordovician
- Aphaurosia* *scutata* Cooper&Grant 1976
 Permian
- Anomia* *bipartita* Brocchi 1814
 Tertiary
- Apheoorthina* *ferrigena* Havlicek 1949
 Ordovician
- Eoorthis* *lineocosta* Walcott 1924
 Cambrian-Ordovician
- Apicilirella* *vulgaris* Su 1976
 Devonian
- Apollonorthis* *lusitanica* Mitchell 1974
 Ordovician
- Orthosina* *ingrica* Pahlen 1877
 Ordovician
- Apoptamerus* *racinensis* Boucot&Johnson 1979
 Silurian
- Aporthophyla* *typha* Ulrich&Cooper 1936
 Ordovician
- Aporthophylina* *intermedia* Liu 1976
 Ordovician
- Spirifer* *bouchardi* Murchison 1840
 Devonian
- Rhynchonella* *giuppa* Gregorio 1886
 Jurassic
- Apsilingula* *parkesensis* Williams 1977
 Devonian
- Apsocalymma* *shiellsii* McIntosh 1974
 Carboniferous
- Apsotreta* *expansa* Palmer 1954
 Cambrian
- Liorhynchus* *dichotomianus* Abramian 1954
 Devonian
- Aratanea* *monodi* Schmidt 1967
 Silurian
- Spirigera* *protea* Abich 1878
 Permian

- Araxilevis* Sarytcheva 1965
 Productacea Gray 1840
- Arbizustrophia* Garcia-Alcalde 1972
 Stropheodontacea Caster 1939
- Arcelinithyris* Almeras 1971
 Terebratulacea Gray 1840
- Arceythyris* Rollet 1964
 Terebratulacea Gray 1840
- Archaeorthis* Schuchert & Cooper 1931
 Orthacea Woodward 1852
- Arcosarina* Ching, Sun & Ye 1979
 Dielasmatacea Schuchert 1913
- Arctitreta* Whitfield 1908
 Uncertain
- Arctochonetes* Ifanova 1968
 Chonetacea Bronn 1862
- Arctohedra* Cooper 1936
 Orthacea Woodward 1852
- Arctomeristina* Amsden 1978
 Athyridacea McCoy 1844
- Arctospirifer* Stainbrook 1950
 Spiriferacea King 1846
- Arctothyris* Dagys 1965
 Dielasmatacea Schuchert 1913
- Arцуalla* Walmsley & Boucot 1975
 Enteletacea Waagen 1884
- Arcuatothyris* Popiel-Barczyk 1972
 Terebratulacea Gray 1840
- Arduspirifer* Mittmeyer 1972
 Spiriferacea King 1846
- Arenaciarcula* Elliott 1959
 Terebratellacea King 1850
- Arenorthis* Havlicek 1970
 Enteletacea Waagen 1884
- Areostrophia* Havlicek 1965
 Orthotetacea Waagen 1884
- Argentiproductus* Cooper & Muir-Wood 1951
 Productacea Gray 1840
- Argovithyris* Rollet 1972
 Terebratulacea Gray 1840
- Argyrotheca* Dall 1900
 Terebratellacea King 1850
- Arionthia* Cooper & Grant 1976
 Spiriferinacea Davidson 1884
- Arktikina* Grunt 1977
 Reticulariacea Waagen 1883
- Aromasithyris* Almeras 1971
 Terebratulacea Gray 1840
- Productus intermedius* Abich 1878
 Permian
- Arbizustrophia diaphragmata* Garcia-Alcalde 1972
 Devonian
- Terebratula arcelini* Lissajous 1936
 Jurassic
- Terebratula diptycha* Oppel 1857
 Jurassic
- Orthis electra* Billings 1865
 Ordovician
- Arcosarina foliacea* Ching, Sun & Ye 1979
 Triassic
- Arctitreta pearyi* Whitfield 1908
 Pennsylvanian
- Chonetina postartiensis* Ustritsky 1960
 Permian
- Arctohedra minima* Cooper 1936
 Cambrian
- Arctomeristina compressa* Amsden 1978
 Silurian
- Arctospirifer constrictus* Stainbrook 1950
 Devonian-Mississippian
- Arctothyris solitus* Dagys 1965
 Triassic
- Orthis arcuaria* Hall & Clarke 1892
 Silurian-Devonian
- Terebratula arcuata* Roemer 1841
 Cretaceous
- Spirifer arduennensis* Schnur 1853
 Devonian
- Terebratella fittoni* Meyer 1864
 Cretaceous
- Arenorthis arenaria* Havlicek 1970
 Ordovician
- Orthis distorta* Barrande 1879
 Silurian-Devonian
- Producta margaritacea* Phillips 1836
 Mississippian
- Terebratula birmensdorfensis* Moesch 1867
 Jurassic
- Terebratula cuneata* Risso 1826
 Recent
- Arionthia blothrhachis* Cooper & Grant 1976
 Permian
- Arktikina longa* Grunt 1977
 Carboniferous
- Terebratula balinensis* Szajnocha 1879
 Jurassic

- Artimyctella* Liu 1979
 Uncertain
- Artiotreta* Ireland 1961
 Acrotretacea Schuchert 1893
- Aseptalum* Hou&Xian 1975
 Rhynchonellacea Gray 1848
- Aseptella* Martinez&Winkler 1977
 Productacea Gray 1840
- Aseptonetes* Isaacson 1977
 Chonetacea Bronn 1862
- Asperlinus* Waterhouse&Piyasin 1970
 Productacea Gray 1847
- Aspidothyris* Diener 1908
 Dielasmatacea Schuchert 1913
- Astegosia* Cooper&Grant 1969
 Reticulariacea Waagen 1883
- Astraborthis* Williams 1974
 Orthacea Woodward 1852
- Astutorhyncha* Havlicek 1961
 Rhynchonellacea Gray 1848
- Asymphylotoechia* Ross 1970
 Clitambonitacea Winchell&Schuchert 1893
- Asyrinx* Hudson&Sudbury 1959
 Spiriferacea King 1846
- Asyrinxia* Campbell 1957
 Spiriferacea King 1846
- Atelelasma* Cooper 1956
 Clitambonitacea Winchell&Schuchert 1893
- Atelestegastus* Cooper&Grant 1975
 Aulostegacea Muir-Wood&Cooper 1960
- Atelithyris* Smirnova 1975
 Terebratulacea Gray 1840
- Athabaschia* Crickmay 1963
 Rhynchonellacea Gray 1848
- Athyrrhynchus* Johnson 1973
 Rhynchonellacea Gray 1848
- Athyris* McCoy 1844
 Athyridacea McCoy 1844
- Athyrisina* Hayasaka 1922
 Athyrisinacea Grabau 1931
- Athyrisinoides* Jiang 1978
 Athyrisinacea Grabau 1931
- Atlantida* Havlicek 1971
 Orthacea Woodward 1852
- Atribonium* Grant 1965
 Stenoscismatacea Oehlert 1887
- Atrypa* Dalman 1828
 Atrypacea Gill 1871
- Artimyctella yichanqensis* Liu 1979
 Cambrian
- Artiotreta parva* Ireland 1961
 Silurian
- Uncinulus quanqxiense* Wang 1965
 Devonian
- Aseptella asturica* Martinez&Winkler 1977
 Mississippian
- Aseptonetes boucoti* Isaacson 1977
 Devonian
- Productus asperulus* Waagen 1884
 Permian
- Aspidothyris krafftii* Diener 1908
 Triassic
- Squamularia guadalupensis* Girty 1909
 Permian
- Astraborthis uniplicata* Williams 1974
 Ordovician
- Rhynchonella proserpina* Barrande 1847
 Silurian-Devonian
- Asymphylotoechia nolani* Ross 1970
 Ordovician
- Asyrinx haushiensis* Hudson&Sudbury 1959
 Permian
- Spirifera lata* McCoy 1847
 Mississippian
- Atelelasma perfectum* Cooper 1956
 Ordovician
- Atelestegastus marginatus* Cooper&Grant 1975
 Permian
- Atelithyris crestensis* Smirnova 1975
 Cretaceous
- Athabaschia asmenista* Crickmay 1963
 Devonian
- Athyrrhynchus susanae* Johnson 1973
 Devonian
- Terebratula concentrica* Ruch 1834
 Devonian
- Athyrisina squamosa* Hayasaka 1922
 Devonian
- Athyrisinoides shiqianensis* Jiang 1978
 Silurian
- Atlantida atlantis* Havlicek 1971
 Ordovician
- Atribonium simatum* Grant 1965
 Devonian-Mississippian
- Anomia reticularis* Linne 1758
 Silurian-Devonian

- Atryparia* Copper 1966
Atrypacea Gill 1871
- Atrypella* Kozlowski 1927
Atrypacea Gill 1871
- Atrypina* Hall & Clarke 1893
Atrypacea Gill 1871
- Atrypinella* Khodalevich 1939
Atrypacea Gill 1871
- Atrypoidea* Mitchell & Dun 1920
Atrypacea Gill 1871
- Atrypopsis* Poulsen 1943
Atrypacea Gill 1871
- Atrythyris* Struve 1965
Athyridacea McCoy 1844
- Attenuatella* Stehli 1954
Cyrtiacea Fredericks 1924
- Auchmerella* Struve 1964
Davidsoniaceae King 1850
- Aulacella* Schuchert & Cooper 1931
Enteletacea Waagen 1884
- Aulacophoria* Schuchert & Cooper 1931
Enteletacea Waagen 1884
- Aulacorhyna* Strand 1928
Eichwaldiaceae Schuchert 1893
- Aulacothyris* Douville 1979
Zeilleriaceae Allan 1940
- Aulacothyroides* Dagys 1965
Zeilleriaceae Allan 1940
- Aulacothyropsis* Dagys 1959
Terebratellacea King 1850
- Aulidospira* Williams 1962
Dayiacea Waagen 1887
- Aulonotreta* Kutorga 1848
Lingulacea Menke 1828
- Auloprotonia* Muir-Wood & Cooper 1960
Productacea Gray 1840
- Aulosteges* Helmersen 1847
Strophalosiacea Schuchert 1913
- Auriculispina* Waterhouse 1975
Productacea Gray 1840
- Austinella* Foerste 1909
Orthacea Woodward 1852
- Australiarcula* Elliott 1960
Terebratellacea King 1850
- Australina* Clarke 1912
Atrypacea Gill 1871
- Australirhynchia* Savage 1968
Rhynchonellacea Gray 1848
- Atryparia instita* Copper 1966
Devonian
- Atrypa prunum* Dalman 1828
Silurian-Devonian
- Leptocoelia imbricata* Hall 1857
Silurian-Devonian
- Atrypinella biloba* Khodalevich 1939
Silurian-Devonian
- Meristina australis* Dun 1904
Silurian
- Atrypopsis varians* Poulsen 1943
Silurian
- Atrythyris atryplicata* Struve 1965
Devonian
- Attenuatella texana* Stehli 1954
Permian
- Auchmerella iringina* Struve 1964
Devonian
- Orthis eifelensis* Schnur 1853
Devonian
- Orthis keyserlingiana* Koninck 1843
Mississippian
- Aulacorhynchus pachtii* Dittmar 1872
Carboniferous-Permian
- Terebratula resupinata* Sowerby 1816
Triassic-Jurassic
- Aulacothyroides bulkutensis* Dagys 1965
Triassic
- Waldheimia reflexa* Rittner 1890
Triassic
- Aulidospira trippi* Williams 1962
Ordovician
- Aulonotreta sculpta* Kutorga 1848
Ordovician
- Auloprotonia aulacophora* Muir-Wood & Cooper 1960
Mississippian
- Aulosteges variabilis* Helmersen 1847
Permian
- Canocrinella levis* Maxwell 1964
Permian
- Orthis kankakensis* McChesney 1861
Ordovician
- Australiarcula artesiana* Elliott 1960
Cretaceous
- Australina jachalensis* Clarke 1912
Silurian
- Australirhynchia cudalensis* Savage 1968
Devonian

- Australocoelia* Boucot&Gill 1956
Dayiaceae Waagen 1883
- Australosia* McKellar 1970
Strophalosiaceae Schuchert 1913
- Australospirifer* Caster 1939
Spiriferaceae King 1846
- Australostrophia* Caster 1939
Uncertain
- Austriellula* Strand 1928
Rhynchonellaceae Gray 1848
- Austrirhynchia* Ager 1959
Rhynchonellaceae Gray 1848
- Austrochoristites* Roberts 1971
Spiriferaceae King 1846
- Astronopia* Isaacson 1977
Chonetacea Bronn 1862
- Austrospirifer* Glenister 1956
Spiriferaceae King 1846
- Austrothyris* Allan 1939
Terebratulaceae King 1850
- Avisyrinx* Martinez 1975
Spiriferaceae King 1846
- Avonia* Thomas 1914
Productacea Gray 1847
- Avonothyris* Buckman 1917
Terebratulaceae Gray 1847
- Axiodeaneia* Clark 1917
Rhynchonellaceae Gray 1848
- Babukella* Dagys 1974
Dallinacea Beecher 1893
- Rackhausina* Pajaud 1966
Thecideacea Gray 1847
- Bactrynum* Emrich 1855
Lyttoniaceae Waagen 1883
- Bagnorthis* Levy&Nullo 1974
Enteletacea Waagen 1884
- Ragrasia* Nalivkin 1960
Productacea Gray 1847
- Bailliena* Nelson&Johnson 1968
Productacea Gray 1847
- Bajanhongorella* Rozman 1977
Davidsoniaceae King 1850
- Bajanorthis* Andreeva 1968
Orthacea Woodward 1852
- Bajkuria* Ustritsky 1963
Reticulariaceae Waagen 1883
- Palakhonia* Sarytcheva 1963
Productacea Gray 1847
- Australocoelia* *tourteloti* Boucot&Gill 1956
Devonian
- Australosia* *starensis* McKellar 1970
Devonian
- Spirifer* *keyserianus* Clarke 1913
Devonian
- Leptostrophia* *mesembria* Clarke 1913
Devonian
- Rhynchonella* *dilatata* Suess 1855
Triassic
- Terebratula* *cornigera* Schafhaufl 1851
Triassic
- Austrochoristites* *levisulcatus* Roberts 1971
Mississippian
- Chonetes* *stuebeli* Ulrich 1892
Devonian
- Austrospirifer* *variabilis* Glenister 1956
Devonian
- Waldheimia* *gambierensis* Etheridge 1876
Tertiary
- Avisyrinx* *obsoleta* Martinez 1975
Carboniferous
- Productus* *youngianus* Davidson 1861
Carboniferous
- Avonothyris* *plicatina* Buckman 1917
Jurassic
- Axiodeaneia* *platypleura* Clark 1917
Mississippian
- Babukella* *loculus* Dagys 1974
Triassic
- Thecidea* *rugosa* Orbiqny 1847
Cretaceous
- Bactrynum* *bicarinatum* Emrich 1855
Triassic
- Bagnorthis* *garrigoui* Levy&Nullo 1974
Ordovician
- Productus* *chonetiformis* Krestovnikov et al 1948
Devonian-Carboniferous
- Bailliena* *yukonensis* Nelson&Johnson 1968
Pennsylvanian-Permian
- Bajanhongorella* *bajanhongorica* Rozman 1977
Ordovician
- Bajanorthis* *tukolandica* Andreeva 1968
Cambrian
- Rajkuria* *dorsosinuata* Ustritsky 1963
Permian
- Palakhonia* *ostrogensis* Sarytcheva 1963
Carboniferous

- Balanoconcha* Campbell 1957
Dielasmatacea Schuchert 1913
- Balatonospira* Haggs 1974
Spiriferinacea Davidson 1884
- Bancroftina* Sinclair 1946
Enteletacea Waagen 1984
- Barbaestrophia* Havlicek 1965
Strophomenacea King 1846
- Barbarorthis* Opik 1934
Orthacea Woodward 1852
- Barrandina* Booker 1926
Pentameracea McCoy 1844
- Barroisella* Hall&Clarke 1892
Lingulacea Menke 1828
- Barzellinia* Gregorio 1930
Rhynchonellacea Gray 1848
- Bashkiria* Nalivkin 1979
Spiriferacea King 1846
- Rasilicorhynchus* Crickmay 1952
Rhynchonellacea Gray 1848
- Basiliola* Dall 1908
Rhynchonellacea Gray 1848
- Bathymyonia* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Bathynanus* Foster 1974
Terebratulacea Gray 1840
- Bathyrhyncha* Fuchs 1923
Rhynchonellacea Gray 1848
- Baturria* Carls 1974
Enteletacea Waagen 1884
- Beachia* Hall&Clarke 1893
Stringocephalacea King 1850
- Beckmannia* Mohanti 1972
Rhynchonellacea Gray 1848
- Beecheria* Hall&Clarke 1893
Dielasmatacea Schuchert 1913
- Beichuanella* Chen 1978
Stenoscismatacea Oehlert 1887
- Beitaia* Rong&Yang 1974
Atrypacea Gill 1871
- Bejrutella* Tchorszchewsky 1972
Terebratulacea Gray 1840
- Rekkerella* Reed 1936
Strophomenacea King 1846
- Rekkeromena* Roomusoks 1963
Strophomenacea King 1846
- Belbekella* Moisseiev 1939
Rhynchonellacea Gray 1848
- Balanoconcha elliptica* Campbell 1957
 Mississippian
- Spiriferina lipoldi* Bittner 1890
 Triassic
- Raymondella typa* Whittington 1938
 Ordovician
- Strophomena praestans* Barrande 1879
 Silurian
- Barbarorthis foraminifera* Opik 1934
 Ordovician
- Pentamerus linguifera* Etheridge 1892
 Silurian
- Barroisella campbelli* Cooper 1942
 Silurian-Mississippian
- Barzellinia primogenita* Gregorio 1930
 Triassic
- Bashkiria gemma* Nalivkin 1979
 Mississippian
- Leiorhynchus basilicum* Crickmay 1952
 Devonian
- Hemithyris beecheri* Dall 1895
 Tertiary-Recent
- Productus nevadensis* Meek 1877
 Permian
- Bathynanus tenuicostatus* Foster 1974
 Recent
- Bathyrhyncha sinuosa* Fuchs 1923
 Devonian
- Orthis edgelliana* Davidson 1869
 Silurian-Devonian
- Meganteris suessana* Hall 1857
 Devonian
- Uncinulus minor* Schmidt 1951
 Devonian
- Beecheria davidsoni* Hall&Clarke 1893
 Mississippian-Permian
- Beichuanella uniplicata* Chen 1978
 Devonian
- Beitaia modica* Rong&Yang 1974
 Silurian
- Bejrutella bejrutika* Tchorszchewsky 1972
 Jurassic
- Orthis subcrateroides* Reed 1906
 Ordovician
- Strophomena semipartita* Roemer 1861
 Ordovician
- Belbekella airgulensis* Moisseiev 1939
 Cretaceous

- Beleutella* Litvinovich 1967
 Productacea Gray 1840
- Bellaclathrus* Winters 1963
 Productacea Gray 1840
- Rellimurina* Cooper 1956
 Strophomenacea King 1846
- Belothyris* Smirnova 1960
 Terebratulacea King 1850
- Benignites* Havlicek 1952
 Plectambonitacea Jones 1928
- Bergalaria* Schmidt 1975
 Rhynchonellacea Gray 1848
- Reschevella* Poletaev 1975
 Reticulariacea Waagen 1883
- Betachoristites* Gatinaud 1949
 Spiriferacea King 1846
- Betacyrtiopsis* Gatinaud 1949
 Spiriferacea King 1846
- Betaneospirifer* Gatinaud 1949
 Spiriferacea King 1846
- Biarea* Torbakova 1959
 Uncertain
- Ribatiola* Grant 1976
 Chonetacea Bronn 1862
- Bicarinatina* Batrukova 1969
 Lingulacea Menke 1828
- Bicia* Walcott 1901
 Obolellacea Walcott&Schuchert 1908
- Riconostrophia* Havlicek 1956
 Davidsoniacea King 1850
- Bicuspina* Havlicek 1950
 Triplesiaacea Schuchert 1913
- Bidentatus* Khodalevich&Breivel 1972
 Cyrtiacea Fredericks 1924
- Riernatella* Balinski 1977
 Dayiacea Waagen 1883
- Biernatium* Havlicek 1975
 Enteletacea Waagen 1884
- Bifida* Davidson 1882
 Dayiacea Waagen 1883
- Rifolium* Elliott 1948
 Thecideacea Gray 1840
- Bihendulirhynchia* Muir-Wood 1935
 Rhynchonellacea Gray 1848
- Bihenithyris* Muir-Wood 1935
 Terebratulacea Gray 1840
- Bilaminella* Babanova 1964
 Rhynchonellacea Gray 1848
- Beleutella* rara Litvinovich 1967
 Carboniferous
- Bellaclathrus* spinosus Winters 1963
 Permian
- Leptaena* charlottae Winchell&Schuchert 1892
 Ordovician
- Belothyris* plana Smirnova 1960
 Cretaceous
- Strophomena* primula Barrande 1879
 Ordovician
- Bergalaria* bergica Schmidt 1975
 Devonian
- Martinia* snjatkovi Rotai 1937
 Carboniferous
- Choristites* kschemyschensis Semichatova 1941
 Mississippian-Permian
- Cyrtiopsis* kayseri Grabau 1931
 Devonian
- Spirifer* moosakhailensis Davidson 1862
 Permian
- Biarea* sinuata Torbakova 1959
 Devonian
- Bibatiola* costata Grant 1976
 Permian
- Lingula* bicarinata Kutorga 1846
 Devonian
- Obolella* gemma Billings 1871
 Cambrian
- Riconostrophia* spirifera Havlicek 1956
 Devonian
- Orthis* cava Barrande 1848
 Ordovician
- Bidentatus* strabo Khodalevich&Breivel 1972
 Devonian
- Riernatella* polonica Balinski 1977
 Devonian
- Skenidium* fallax Gurich 1896
 Devonian
- Terebratula* lepida Archiac&Verneuil 1842
 Devonian
- Thecidea* farinodonensis Meyer 1874
 Cretaceous-Tertiary
- Bihendulirhynchia* afra Muir-Wood 1935
 Jurassic
- Bihenithyris* barringtoni Muir-Wood 1935
 Jurassic
- Bilaminella* inaequicostata Babanova 1964
 Jurassic

- Billingsella* Hall & Clarke 1892
Billingsellacea Schuchert 1893
- Bilobia* Cooper 1956
Plectambonitacea Jones 1928
- Bilotina* Peed 1944
Strophalosiaceae Schuchert 1913
- Bimuria* Ulrich & Cooper 1942
Plectambonitacea Jones 1928
- Biparetis* Amsden 1974
Strophomenacea King 1846
- Biseptum* Khodalevich & Breivel 1959
Pentameracea McCoy 1844
- Bisinocoelia* Havlicek 1953
Cyrtiacea Fredericks 1924
- Bispinoproductus* Stainbrook 1947
Productacea Gray 1840
- Bistramia* Hoek 1912
Lingulacea Menke 1828
- Bisulcata* Boucot & Johnson 1979
Pentameracea McCoy 1844
- Bisulcina* Titova 1977
Terebratulacea Gray 1840
- Bittnerella* Dagys 1974
Thecospiracea Bittner 1890
- Bittnerula* Hall & Clarke 1894
Suessiacea Waagen 1883
- Blasispirifer* Kulikov 1950
Spiriferacea King 1846
- Blochmanella* Leidhold 1921
Rhynchonellacea Gray 1848
- Blyskavomena* Havlicek 1976
Strophomenacea King 1846
- Bobinella* Andreeva 1968
Porambonitacea Davidson 1853
- Bodrakella* Moisseiev 1936
Rhynchonellacea Gray 1848
- Bohemiella* Schuchert & Cooper 1931
Orthacea Woodward 1952
- Bohemirhynchia* Nekvasilova 1973
Rhynchonellacea Gray 1848
- Boicinetes* Havlicek & Pacheboeuf 1979
Chonetacea Bronn 1862
- Bojarinovia* Aksarina 1978
 Uncertain
- Bojodouvillina* Havlicek 1967
Strophomenacea King 1846
- Bojothyris* Havlicek 1959
Spiriferacea King 1846
- Orthis* pepina Hall 1863
 Cambrian-Ordovician
- Bilobia* hemisphaerica Cooper 1956
 Ordovician
- Strophalosia* subsecta Reed 1944
 Permian
- Bimuria* superba Ulrich & Cooper 1942
 Ordovician
- Biparetis* paucirugosus Amsden 1974
 Silurian
- Biseptum* rectecostatum Khodalevich et al 1959
 Devonian
- Bisinocoelia* bisinuata Havlicek 1953
 Devonian
- Bispinoproductus* varispinosus Stainbrook 1947
 Devonian
- Bistramia* elegans Hoek 1912
 Ordovician
- Bisulcata* indianensis Boucot & Johnson 1979
 Silurian
- Terebratulina* tunicata Vancurov 1966
 Cretaceous
- Bittnerella* bittneri Dagys 1974
 Triassic
- Cyrtina* zitteli Rittner 1890
 Triassic
- Spirifer* blasii Verneuil 1845
 Permian
- Rhynchonella* friereri Branco 1879
 Jurassic
- Dactylogonia* blyskavensis Havlicek 1967
 Ordovician
- Robinella* kulumbensis Andreeva 1968
 Cambrian
- Rhynchonella* bodrakensis Moisseiev 1934
 Jurassic
- Orthis* romoeri Barrande 1879
 Cambrian
- Bohemirhynchia* soukupi Nekvasilova 1973
 Cretaceous
- Chonetes* bohemicus Barrande 1879
 Devonian
- Bojarinovia* leviqata Aksarina 1978
 Cambrian
- Leptaena* phillipsi Barrande 1848
 Devonian
- Bojothyris* nikiforovae Havlicek 1959
 Devonian

- Boloria* Grunt 1973
 Rhynchonellacea Gray 1848
- Booralia* Campbell 1961
 Terebratulacea Gray 1840
- Boreadorthis* Opik 1934
 Orthacea Woodward 1952
- Borealirhynchia* Su 1976
 Rhynchonellacea Gray 1848
- Borealis* Poucot, Johnson & Rubel 1971
 Pentameracea McCoy 1844
- Boreiospira* Dagys 1974
 Spiriferinacea Davidson 1884
- Boreiothyris* Dagys 1968
 Rhynchonellacea Gray 1848
- Bornhardtina* Schulz 1914
 Stringocephalacea King 1850
- Bosquetella* Smirnova 1969
 Thecideacea Gray 1840
- Bothrionia* Cooper & Grant 1975
 Productacea Gray 1840
- Bothrostegium* Cooper & Grant 1974
 Derbyiacea Stehli 1954
- Rotsfordia* Matthew 1891
 Acrotretacea Schuchert 1893
- Boubeithyris* Cox & Middlemiss 1978
 Terebratulacea Gray 1840
- Bouchardia* Davidson 1850
 Terebratellacea King 1850
- Bouchardiella* Doello-Jurado 1922
 Terebratellacea King 1850
- Boucotella* Bowen 1966
 Rhynchonellacea Gray 1848
- Boucotia* Gill 1969
 Chonetacea Bronn 1862
- Boucotides* Amsden 1968
 Pentameracea McCoy 1844
- Boucotinskia* Brunton & Cocks 1967
 Spiriferacea King 1846
- Bouskia* Havlicek 1975
 Enteletacea Waagen 1884
- Brachymimulus* Cockerell 1929
 Triplesiacea Schuchert 1913
- Brachyprion* Shaler 1865
 Strophomenacea King 1846
- Brachyspirifer* Wedekind 1926
 Spiriferacea King 1846
- Brachythyryna* Fredericks 1929
 Spiriferacea King 1846
- Boloria garmoensis* Grunt 1973
 Permian
- Booralia ovata* Campbell 1961
 Carboniferous
- Boreadorthis crassa* Opik 1934
 Ordovician
- Borealirhynchia delerensis* Su 1976
 Devonian
- Gypidia borealis* Eichwald 1842
 Silurian
- Spiriferina lundgreni* Boehm 1903
 Triassic
- Boreiothyris bojarkensis* Dagys 1968
 Jurassic
- Bornhardtina uncitoides* Schulz 1914
 Devonian
- Thecidium campichei* Lorient 1872
 Cretaceous
- Rothrionia nasuta* Cooper & Grant 1975
 Permian
- Bothrostegium derbyoideum* Cooper & Grant 1974
 Permian
- Obolus pulcher* Matthew 1889
 Cambrian
- Terebratula boubei* Archaic 1847
 Cretaceous
- Anomia rosea* Mawe 1823
 Tertiary-Recent
- Bouchardia patagonica* Ihering 1903
 Cretaceous
- Camarotoechia gigantea* Maynard 1913
 Silurian
- Anoplia australis* Gill 1942
 Devonian
- Boucotides barrandei* Amsden 1968
 Silurian
- Delthyris sulcata* Hisinger 1828
 Silurian
- Bouskia lineata* Havlicek 1975
 Silurian
- Mimulus perversus* Barrande 1879
 Ordovician-Silurian
- Strophomena leda* Billings 1860
 Silurian-Devonian
- Spirifer carinatus* Schnur 1853
 Devonian
- Spirifer strangwaysi* Verneuil 1845
 Carboniferous

- Brachythyrinella* Waterhouse&Gupta 1978
 Delthyridacea Phillips 1841
- Brachythyris* McCoy 1844
 Spiriferacea King 1846
- Brachyzyga* Kozłowski 1929
 Stringocephalacea King 1850
- Bracteoleptaena* Havlicek 1963
 Strophomenacea King 1846
- Brahimorthis* Havlicek 1971
 Orthacea Woodward 1852
- Branconia* Gagel 1890
 Uncertain
- Brandysia* Havlicek 1975
 Orthacea Woodward 1852
- Branikia* Havlicek 1957
 Reticulariacea Waagen 1883
- Branxtonia* Booker 1930
 Strophalosiacea Schuchert 1913
- Brasilina* Clarke 1921
 Stringocephalacea King 1850
- Brasilioproductus* Mendes 1959
 Productacea Gray 1840
- Brevicamera* Cooper 1956
 Porambonitacea Davidson 1853
- Brevilamulella* Amsden 1974
 Pentameracea McCoy 1844
- Breviseptum* Sapelnikov 1960
 Pentameracea McCoy 1844
- Brevispirifer* Cooper 1942
 Spiriferacea King 1846
- Brochocarina* Brunton 1968
 Davidsoniacea King 1850
- Broeggeria* Walcott 1902
 Lingulacea Menke 1828
- Bronnothyris* Popiel-Rarczyk&Smirnova 1978
 Zeilleriacea Allan 1940
- Brooksina* Kirk 1922
 Pentameracea McCoy 1844
- Browneella* Chatterton 1973
 Rhynchonellacea Gray 1848
- Brunnirhyncha* Havlicek 1979
 Rhynchonellacea Gray 1848
- Bryorhynchus* Cooper&Grant 1969
 Rhynchonellacea Gray 1848
- Buchanathyris* Talent 1956
 Athyridacea McCoy 1844
- Bulahdelia* Roberts 1976
 Chonetacea Bronn 1867
- Spirifer narsarhensis* Reed 1928
 Permian
- Spirifera ovalis* Phillips 1836
 Mississippian
- Brachyzyga pentameroides* Kozłowski 1929
 Devonian
- Strophomena bracteola* Barrande 1879
 Silurian
- Brahimorthis antiqua* Havlicek 1971
 Cambrian
- Branconia borussica* Gagel 1890
 Ordovician
- Brandysia benigna* Havlicek 1975
 Ordovician
- Spirifer ascanius* Barrande 1879
 Devonian
- Branxtonia typica* Booker 1930
 Carboniferous
- Centronella margarida* Derby 1890
 Devonian
- Productus chandlessi* Derby 1874
 Pennsylvanian
- Brevicamera camerata* Cooper 1956
 Ordovician
- Clorinda thebesensis* Savage 1913
 Silurian
- Conchidium oriens* Sapelnikov 1960
 Silurian
- Spirifer gregaria* Clapp 1857
 Devonian
- Schuchertella wexfordensis* Smyth 1930
 Carboniferous
- Obolella salteri* Holl 1865
 Cambrian-Ordovician
- Terebratula bronni* Roemer 1841
 Cretaceous
- Brooksina alaskensis* Kirk 1922
 Silurian
- Browneella browneae* Chatterton 1973
 Devonian
- Brunnirhyncha brunniensis* Havlicek 1979
 Devonian
- Camarophoria bisulcata* Shumard 1858
 Permian
- Buchanathyris westoni* Talent 1956
 Devonian
- Bulahdelia myallensis* Roberts 1976
 Pennsylvanian

- Bullothyris* Sucic-Protic 1971
 Loboidothyridacea Makridin 1964
- Burmhirynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Burrirynchia* Owen 1962
 Rhynchonellacea Gray 1848
- Buxtonia* Thomas 1914
 Productacea Gray 1840
- Buxtonioides* Mendes 1959
 Productacea Gray 1840
- Bystromena* Williams 1974
 Strophomenacea King 1846
- Cacemia* Mitchell 1974
 Orthacea Woodward 1852
- Cactosteges* Cooper&Grant 1975
 Aulostegacea Muir-Wood&Cooper 1960
- Cadomella* Munier-Chalmas 1887
 Cadomellacea Schuchert 1893
- Caenanoplia* Carter 1968
 Chonetacea Bronn 1862
- Caenotreta* Cocks 1979
 Acrotretacea Schuchert 1893
- Caeroplecia* Williams 1974
 Triplesia Schuchert 1913
- Calcirynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Callaiapsida* Grant 1971
 Stenosismatacea Oehlert 1887
- Callicalyptella* Boucot&Johnson 1972
 Chonetacea Bronn 1862
- Calliglypha* Cloud 1948
 Porambonitacea Davidson 1853
- Calliomarginatia* Ching 1976
 Productacea Gray 1840
- Callipentamerus* Boucot 1964
 Pentameracea McCoy 1844
- Callipleura* Cooper 1942
 Rhynchonellacea Gray 1848
- Calliprotonia* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Callispirina* Cooper&Muir-Wood 1951
 Spiriferinacea Davidson 1884
- Callospiriferina* Rousselle 1977
 Spiriferinacea Davidson 1884
- Calvinaria* Stainbrook 1945
 Rhynchonellacea Gray 1848
- Calyptolepta* Neuman 1977
 Plectambonitacea Jones 1928
- Terebratula* subpunctata Dubar 1925
 Jurassic
- Burmhirynchia gutta* Buckman 1917
 Jurassic
- Rhynchonella leightonensis* Lamplugh&Walker 1903
 Cretaceous
- Anomites scabriculus* Martin 1809
 Devonian-Carboniferous
- Productus amazonicus* Katzer 1903
 Pennsylvanian
- Bystromena perplexa* Williams 1974
 Ordovician
- Orthis ribeiroi* Sharpe 1853
 Ordovician
- Cactosteges anomalus* Cooper&Grant 1975
 Permian
- Leptaena moorei* Davidson 1847
 Jurassic
- Caenanoplia hurlingtonensis* Carter 1968
 Mississippian
- Caenotreta aldridgei* Cocks 1979
 Silurian-Devonian
- Caeroplecia plicata* Williams 1974
 Ordovician
- Calcirynchia calcaria* Buckman 1917
 Jurassic
- Camerisma kekuensis* Grant 1971
 Permian
- Callicalyptella empelia* Boucot&Johnson 1972
 Devonian
- Calliglypha miseri* Cloud 1948
 Ordovician
- Calliomarginatia himalayensis* Ching 1976
 Permian
- Pentamerus corrugatus* Weller&Davidson 1896
 Silurian
- Rhynchospira nobilis* Hall 1860
 Devonian
- Calliprotonia renfrarum* Muir-Wood&Cooper 1960
 Pennsylvanian-Permian
- Spiriferina ornata* Waagen 1883
 Permian
- Spirifer tumidus* Buch 1836
 Jurassic
- Rhynchonella ambigua* Calvin 1878
 Devonian
- Calyptolepta diaphragma* Neuman 1977
 Ordovician

- Camarelasma* Cooper&Grant 1976
 Dielasmatacea Schuchert 1913
- Camarium* Hall 1959
 Athyridacea McCoy 1844
- Camarophorella* Hall&Clarke 1893
 Athyridacea McCoy 1844
- Camarophorina* Licharew 1934
 Stenoscismatacea Oehlert 1887
- Camarophorinella* Licharew 1936
 Stenoscismatacea Oehlert 1887
- Camarospira* Hall&Clarke 1893
 Athyridacea McCoy 1844
- Camarothyridina* Linnik 1966
 Rhynchonellacea Gray 1848
- Camarotoechia* Hall&Clarke 1893
 Rhynchonellacea Gray 1848
- Camarotoechioides* Rzonstnizkaja 1978
 Rhynchonellacea Gray 1848
- Cambrotrophia* Ulrich&Cooper 1937
 Porambonitacea Davidson 1853
- Camerella* Billings 1859
 Porambonitacea Davidson 1853
- Camerisma* Grant 1965
 Stenoscismatacea Oehlert 1887
- Camarophorina* Schmidt 1941
 Rhynchonellacea Gray 1848
- Camarothyris* Bittner 1890
 Zeilleriaceae Allan 1940
- Campages* Hedley 1905
 Terebratulaceae King 1850
- Campylorthis* Ulrich&Cooper 1942
 Orthacea Woodward 1852
- Canadospira* Dagens 1972
 Spiriferinacea Davidson 1884
- Cancellospirifer* Campbell 1953
 Spiriferacea King 1846
- Cancellothyris* Thomson 1926
 Terebratulaceae Gray 1840
- Canocrinella* Fredericks 1928
 Productacea Gray 1840
- Canocrinelloides* Ustritsky 1963
 Productacea Gray 1840
- Candispirifer* Havlicek 1971
 Spiriferinacea Davidson 1884
- Canthylotreta* Rowell 1966
 Acrotretacea Schuchert 1893
- Capelliniella* Strand 1928
 Pentameracea McCoy 1844
- Camarelasma neali* Cooper&Grant 1976
 Permian
- Camarium typum* Hall 1859
 Silurian-Devonian
- Pentamerus lenticularis* White&Whitfield 1862
 Devonian-Mississippian
- Camarophoria antisella* Broili 1916
 Mississippian-Permian
- Camarophorinella caucasica* Licharew 1936
 Permian
- Camarophoria eucharis* Hall 1867
 Devonian-Mississippian
- Camarothyridina furssenkoi* Linnik 1966
 Devonian
- Atrypa congregata* Conrad 1841
 Devonian
- Camarotoechia lazutkini* Rzonstnizkaja 1955
 Devonian
- Syntrophia cambria* Walcott 1908
 Cambrian
- Camerella volborthi* Billings 1859
 Ordovician-Silurian
- Camerisma prava* Grant 1965
 Mississippian-Permian
- Terebratula pachyderma* Quenstedt 1871
 Devonian
- Terebratula ramsaueri* Suess 1855
 Triassic
- Campages furcifera* Hedley 1905
 Tertiary-Recent
- Strophomena deflecta* Conrad 1843
 Ordovician
- Spiriferina canadensis* Logan 1967
 Triassic
- Cancellospirifer maxwelli* Campbell 1953
 Permian
- Terebratulina hedleyi* Finlay 1927
 Tertiary-Recent
- Productus cancrini* Verneuil 1845
 Pennsylvanian-Permian
- Productus obrutshewi* Licharew 1934
 Permian
- Proreticularia candida* Havlicek 1959
 Devonian
- Acrotreta marjumensis* Walcott 1908
 Cambrian
- Capellinia mira* Hall&Clarke 1893
 Silurian

- Capillirhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Capillirostra* Cooper&Muir-Wood 1951
 Rhynchonellacea Gray 1848
- Capillithyris* Katz 1974
 Terebratulacea Gray 1840
- Capillonia* Waterhouse 1973
 Chonetacea Bronn 1862
- Caplinoplia* Havlicek&Racheboeuf 1979
 Chonetacea Bronn 1862
- Carapezzia* Tomlin 1930
 Rhynchonellacea Gray 1848
- Carbocyrtina* Ivanova 1975
 Cyrtinacea Fredericks 1912
- Cardiarina* Cooper 1956
 Rhynchonellacea Gray 1848
- Cardinirhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Cardinocrania* Waagen 1885
 Lyttoniaceae Waagen 1883
- Cardiothyris* Roberts 1971
 Athyridacea McCoy 1844
- Caricula* Grant 1976
 Productacea Gray 1840
- Carinaqypa* Johnson&Ludvigsen 1972
 Pentameracea McCoy 1844
- Carinastrophia* Gratsianova 1975
 Davidsoniaceae King 1850
- Carinata* Nalivkin 1930
 Atrypacea Gill 1871
- Carinatinella* Gratsianova 1967
 Atrypacea Gill 1871
- Carinatrypa* Copper 1973
 Atrypacea Gill 1871
- Cariniferella* Schuchert&Cooper 1931
 Enteletacea Waagen 1884
- Carinokoninckina* Jin&Fanq 1977
 Koninckinacea Davidson 1853
- Carlinia* Gordon 1971
 Productacea Gray 1840
- Carlopsina* Reed 1954
 Davidsoniaceae King 1850
- Carneithyris* Sahni 1925
 Terebratulacea Gray 1840
- Carpatothyris* Smirnova 1975
 Terebratellacea King 1850
- Cartorhium* Cooper&Grant 1976
 Spiriferacea King 1844
- Rhynchonella* wrighti Davidson 1852
 Jurassic
- Rhynchonellina* finkelsteini Rose 1894
 Jurassic
- Terebratula* capillata Archiac 1847
 Cretaceous
- Lissochonetes* brevisulcus Waterhouse 1964
 Permian
- Caplinoplia* pragensis Havlicek&Racheboeuf 1979
 Devonian
- Rhynchonellina* globosa Carapezza&Schopen 1899
 Jurassic
- Carbocyrtina* triplicata Ivanova 1975
 Carboniferous
- Cardiarina* cordata Cooper 1956
 Pennsylvanian
- Terebratula* acuticosta Hehl 1832
 Jurassic
- Cardinocrania* indica Waagen 1885
 Permian
- Cardiothyris* bisulcata Roberts 1971
 Mississippian
- Caricula* salebrosa Grant 1976
 Permian
- Gypidula* loweryi Merriam 1940
 Devonian
- Areostrophia* elinovi Gratsianova 1975
 Devonian
- Orthis* arimaspus Eichwald 1840
 Devonian
- Carinatinella* concentrica Gratsianova 1967
 Devonian
- Spinatrypa* dysmorphostota Crickmay 1960
 Devonian
- Orthis* carinata Hall 1843
 Devonian
- Koninckina* expansa Rittner 1890
 Triassic
- Productus* phillipsi Norwood&Pratten 1855
 Mississippian
- Spirifera* radialis Phillips 1836
 Mississippian
- Carneithyris* subpentagonalis Sahni 1925
 Cretaceous
- Terebratula* repanda Zeuschner 1857
 Jurassic
- Cartorhium* retusum Cooper&Grant 1976
 Permian

- Caryogyps Johnson, Boucot & Murphy* 1976
 Pentameracea McCoy 1844
- Caryorhynchus Crickmay* 1952
 Rhynchonellacea Gray 1848
- Casquella Percival* 1973
 Lingulacea Menke 1828
- Cassianospira Dagys* 1972
 Retziacea Waagen 1883
- Cassidirostrum McLaren* 1961
 Rhynchonellacea Gray 1848
- Castellaroina Boucot* 1972
 Strophomenacea King 1846
- Catazyga Hall & Clarke* 1893
 Atrypacea Gill 1871
- Cathaysia Ching* 1966
 Strophalosiacea Schuchert 1913
- Caucasella Moisseiev* 1934
 Rhynchonellacea Gray 1848
- Caucasorhynchia Dagys* 1963
 Rhynchonellacea Gray 1848
- Caucasothyris Dagys* 1974
 Dielasmatacea Schuchert 1913
- Causea Wiman* 1905
 Paterinacea Schuchert 1893
- Cavatisinurostrum Sartenaer* 1972
 Rhynchonellacea Gray 1848
- Cedula Racheboeuf* 1979
 Chonetacea Bronn 1862
- Celebetes Grant* 1976
 Strophalosiacea Schuchert 1913
- Celsifornix Carter* 1974
 Spiriferacea King 1846
- Cenorhynchia Cooper & Grant* 1976
 Rhynchonellacea Gray 1848
- Centronella Billings* 1859
 Stringocephalacea King 1850
- Centronelloidea Weller* 1914
 Dielasmatacea Schuchert 1913
- Centrorhynchus Sartenaer* 1970
 Rhynchonellacea Gray 1848
- Centrospirifer Tien* 1938
 Spiriferacea King 1846
- Ceocypha Grant* 1972
 Strophalosiacea Schuchert 1913
- Ceratreta Bell* 1941
 Acrotretacea Schuchert 1893
- Cererithyris Ruckman* 1917
 Terebratulacea Gray 1840
- Caryogyps plicata Johnson et al.* 1976
 Silurian
- Leiorhynchus carya Crickmay* 1952
 Devonian
- Casnuella bifida Percival* 1978
 Ordovician
- Retzia loczyi Bittner* 1912
 Triassic
- Cassidirostrum pedderi McLaren* 1961
 Devonian
- Tropidoleptus fascifer Kayser* 1897
 Silurian
- Athyris headi Billings* 1862
 Ordovician-Silurian
- Productus chonetoides Cao* 1927
 Permian
- Rhynchonella trigonella Rothpletz* 1886
 Jurassic
- Caucasorhynchia kunensis Dagys* 1963
 Triassic
- Caucasothyris angustiplicatus Dagys* 1974
 Triassic
- Causea formosa Wiman* 1905
 Cambrian
- Cavatisinurostrum faniae Sartenaer* 1972
 Devonian
- Chonetes douvillei Rigaux* 1892
 Devonian
- Celebetes gymnus Grant* 1976
 Permian
- Celsifornix rowleyi Carter* 1974
 Mississippian
- Cenorhynchia fragida Cooper & Grant* 1976
 Permian
- Rhynchonella glansfaea Hall* 1857
 Devonian
- Terebratula rowleyi Worthen* 1884
 Mississippian
- Camarotoechia baitalensis Reed* 1922
 Devonian
- Spirifer chaoi Grabau* 1931
 Devonian
- Ceocypha dischides Grant* 1972
 Permian
- Ceratreta hebes Bell* 1941
 Cambrian
- Terebratula intermedia Sowerby* 1813
 Jurassic

- Chaeniorhynchus* Cooper&Grant 1976
 Rhynchonellacea Gray 1848
- Chaganella* Nikitin 1974
 Plectambonitacea Jones 1928
- Changshaispirifer* Zhao 1977
 Spiriferacea King 1846
- Chaoella* Licharew 1931
 Lyttoniaceae Waagen 1883
- Chaoiella* Fredericks 1933
 Productacea Gray 1840
- Chaoina* Ching 1974
 Productacea Gray 1840
- Chapadella* Greger 1920
 Stringocephalacea King 1850
- Chapinella* Savage et al 1978
 Athyridacea McCoy 1844
- Charionella* Billings 1861
 Athyridacea McCoy 1844
- Charionoides* Roucot,Johnson&Staton 1964
 Athyridacea McCoy 1844
- Charltonithyris* Ruckman 1917
 Terebratulacea Gray 1840
- Chascothyris* Holzapfel 1895
 Stringocephalacea King 1850
- Chathamithyris* Allan 1932
 Terebratellacea King 1850
- Chattertonia* Johnson 1976
 Productacea Gray 1840
- Chatwinothyris* Sahni 1925
 Terebratulacea Gray 1840
- Chaulistomella* Cooper 1956
 Orthacea Woodward 1852
- Cheirothyris* Rollier 1919
 Zeilleriaceae Allan 1940
- Cheirothyropsis* Makridin 1964
 Terebratulacea Gray 1840
- Chelononia* Cooper&Grant 1974
 Derbyiaceae Stehli 1954
- Chemungia* Caster 1939
 Strophomenacea King 1846
- Cheniothyris* Buckman 1917
 Terebratulacea Gray 1840
- Chianella* Waterhouse 1975
 Productacea Gray 1840
- Chilianshania* Yang&Ting 1962
 Productacea Gray 1840
- Chilidiopsis* Roucot 1959
 Davidsoniaceae King 1850
- Chaeniorhynchus inauris* Cooper&Grant 1976
 Permian
- Chaganella changanensis* Nikitin 1974
 Ordovician
- Changshaispirifer lianhuaoiaensis* Zhao 1977
 Devonian
- Chaoella caucasica* Licharew 1931
 Permian
- Productus gruenewaldti* Krotow 1888
 Pennsylvanian-Permian
- Chaoina reticulata* Ching 1974
 Permian
- Centronella margarida* Derby 1890
 Devonian
- Chapinella bucureliensis* Savage et al 1978
 Devonian
- Atrypa scitula* Hall 1843
 Devonian
- Meristella doris* Hall 1860
 Devonian
- Terebratula uptoni* Ruckman 1895
 Jurassic
- Chascothyris barroisi* Holzapfel 1895
 Devonian
- Chathamithyris traversi* Allan 1932
 Tertiary
- Spinulicosta campbelli* Chatterton 1973
 Devonian
- Chatwinothyris subcardinalis* Sahni 1925
 Cretaceous
- Chaulistomella inequistriata* Cooper 1956
 Ordovician
- Terebratula fleuriausa* Orpigny 1850
 Jurassic
- Terebratula pseudotrigonella* Trautschold 1877
 Jurassic
- Chelononia neali* Cooper&Grant 1974
 Permian
- Stropheodonta caelata* Hall 1867
 Devonian
- Terebratula morierei* Deslongchamps 1852
 Jurassic
- Avonia chianensis* Chao 1927
 Permian
- Chilianshania chilianshanensis* Yang&Ting 1962
 Permian
- Fardenia reedsi* Amsden 1951
 Silurian

- Chilidorthis* Havlicek 1972
 Orthacea Woodward 1952
- Chimaerothyris* Paulus & Struve & Wolfart 1963
 Spiriferacea King 1846
- Chivatschella* Zavodowsky 1968
 Rhynchonellacea Gray 1848
- Chlidonophora* Dall 1903
 Terebratulacea Gray 1840
- Chlupacina* Havlicek & Racheboeuf 1979
 Chonetacea Bronn 1862
- Chnaurocoelia* Johnson & Boucot & Murphy 1976
 Cyrtiacea Fredericks 1924
- Choanodus* Cooper & Grant 1974
 Lyttoniacea Waaqen 1833
- Chondronia* Cooper & Grant 1976
 Cryptonellacea Thomson 1926
- Chonetella* Waaqen 1884
 Strophalosiacea Schuchert 1913
- Chonetes* Fischer 1830
 Chonetacea Bronn 1862
- Chonetina* Krotow 1888
 Chonetacea Bronn 1862
- Chonetinella* Ramshotom 1952
 Chonetacea Bronn 1862
- Chonetinetes* Cooper & Grant 1969
 Chonetacea Bronn 1862
- Chonetipustula* Paeckelmann 1931
 Productacea Gray 1840
- Chonetoidea* Jones 1928
 Plectambonitacea Jones 1928
- Choniopora* Schauroth 1854
 Craniacea Menke 1828
- Chonopectella* Sarytcheva 1966
 Productacea Gray 1840
- Chonopectoides* Crickmay 1963
 Productacea Gray 1840
- Chonopectus* Hall & Clarke 1892
 Productacea Gray 1840
- Chonosteges* Muir-Wood & Cooper 1960
 Strophalosiacea Schuchert 1913
- Chonostegoides* Sarytcheva 1965
 Strophalosiacea Schuchert 1913
- Chonostrophia* Hall & Clarke 1892
 Chonetacea Bronn 1862
- Chonostrophhiella* Boucot & Amsden 1944
 Chonetacea Bronn 1862
- Choperella* Ljaschenko 1969
 Cyrtiacea Fredericks 1924
- Chilidorthis tecta* Havlicek 1972
 Cambrian
- Chimaerothyris hotzi* Paulus et al 1963
 Devonian
- Chivatschella orotchensis* Zavodowsky 1968
 Permian
- Megerlia incerta* Davidson 1878
 Cretaceous-Recent
- Chlupacina longspina* Havlicek & Racheboeuf 1979
 Devonian
- Chnaurocoelia transversa* Johnson et al 1976
 Silurian
- Choanodus irregularis* Cooper & Grant 1974
 Permian
- Chondronia bella* Cooper & Grant 1976
 Permian
- Chonetella nasuta* Waaqen 1884
 Permian
- Terebratulites sarcinulatus* Schlotheim 1820
 Devonian
- Chonetella artiensis* Krotow 1885
 Permian
- Chonetes flemingi* Norwood & Pratten 1855
 Pennsylvanian-Permian
- Chonetinetes reversus* Cooper & Grant 1969
 Permian
- Productus plicatus* Sarres 1857
 Mississippian
- Plectambonites papillosa* Reed 1905
 Ordovician-Silurian
- Choniopora radiata* Schauroth 1854
 Permian
- Chonopectoides Permianicus* Sarytcheva 1965
 Permian
- Chonopectoides catamorphus* Crickmay 1963
 Devonian
- Chonetes fischeri* Norwood & Pratten 1855
 Devonian-Mississippian
- Aulosteges magnicostatus* Girty 1909
 Permian
- Chonostegoides ogbinensis* Sarytcheva 1965
 Permian
- Chonetes reversa* Whitfield 1882
 Silurian-Devonian
- Chonetes complanata* Hall 1857
 Devonian
- Choperella ilmenica* Ljaschenko 1969
 Devonian

- Choristitella* Ivanov&Ivanova 1937
 Spiriferacea King 1846
- Choristites* Fischer 1825
 Spiriferacea King 1846
- Choristothyris* Cooper 1942
 Terebratellacea King 1850
- Christiania* Hall&Clarke 1892
 Strophomenacea King 1846
- Chrustenopora* Havlicek 1968
 Enteletacea Waagen 1884
- Chynistrophia* Havlicek 1977
 Stropheodontacea Caster 1939
- Cilinella* Havlicek 1970
 Enteletacea Waagen 1884
- Cimicinella* Schmidt 1943
 Stringocephalacea King 1850
- Cimicinoides* Anderson,Roucot&Johnson 1969
 Stringocephalacea King 1850
- Cincta* Quenstedt 1868
 Zeilleriacea Allan 1940
- Cinctifera* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Cinerorthis* Havlicek 1974
 Orthacea Woodward 1852
- Cinguloderms* Havlicek 1971
 Reticulariacea Waagen 1883
- Cirpa* Gregorio 1930
 Rhynchonellacea Gray 1848
- Cistellarcula* Elliott 1954
 Terebratellacea King 1850
- Clarkeia* Kozlowski 1923
 Rhynchonellacea Gray 1848
- Clarkella* Walcott 1903
 Porambonitacea Davidson 1853
- Clathrithyris* Smirnova 1974
 Dallinacea Beecher 1893
- Clavigera* Hector 1879
 Reticulariacea Waagen 1883
- Clavodalejina* Havlicek 1977
 Enteletacea Waagen 1884
- Cleiothyridellina* Waterhouse 1978
 Athyridacea McCoy 1844
- Cleiothyridina* Buckman 1906
 Athyridacea McCoy 1844
- Cliftonia* Foerste 1909
 Triplesia Schuchert 1913
- Clinambon* Schuchert&Cooper 1932
 Clitambonitacea Winchell&Schuchert 1893
- Choristites podolskensis* Ivanov 1926
 Pennsylvanian
- Choristites mosquensis* Fischer 1825
 Mississippian-Permian
- Terebratula plicata* Say 1820
 Cretaceous
- Leptaena subquadrata* Hall 1883
 Ordovician
- Chrustenopora imbricata* Havlicek 1968
 Ordovician
- Chynistrophia foliola* Havlicek 1977
 Devonian
- Svobodaina svobodai* Havlicek 1950
 Ordovician
- Terebratula rimex* Richter&Richter 1918
 Devonian
- Cimicinoides struvei* Anderson et al 1969
 Devonian
- Terebratula numismalis* Valenciennes 1819
 Jurassic
- Productus medusa* Koninck 1842
 Mississippian
- Cinerorthis cineraria* Havlicek 1974
 Silurian
- Cinguloderms cinctus* Havlicek 1971
 Devonian
- Rhynchonella primitiva* Gregorio 1930
 Jurassic
- Cistellarcula wrigleyi* Elliott 1954
 Tertiary
- Terebratula antisensis* Orbiqny 1847
 Silurian
- Polytoechia montanensis* Walcott 1905
 Ordovician
- Clathrithyris clathriensis* Smirnova 1974
 Cretaceous
- Clavigera bisulcata* Hector 1913
 Triassic
- Clavodalejina clavigera* Havlicek 1977
 Devonian
- Cleiothyridellina accoliformis* Waterhouse 1978
 Permian
- Spirifer roissy* Leveille 1835
 Mississippian-Permian
- Cliftonia striata* Foerste 1909
 Ordovician-Silurian
- Anomites anomalus* Schlotheim 1822
 Ordovician

- Clintonella* Hall&Clarke 1893
 Atrypacea Gill 1871
- Clitambonites* Agassiz 1847
 Clitambonitacea Winchell&Schuchert 1893
- Clivospirifer* Ljaschenko 1973
 Spiriferacea King 1846
- Clorinda* Barrande 1879
 Pentameracea McCoy 1844
- Clorindella* Amsden 1964
 Pentameracea McCoy 1844
- Clorindina* Khodalevich 1939
 Pentameracea McCoy 1844
- Clorindinella* Rzonstnizkaja 1975
 Pentameracea McCoy 1844
- Cloudella* Boucot&Johnson 1963
 Stringocephalacea King 1850
- Cloudothyris* Boucot&Johnson 1968
 Terebratulacea Gray 1840
- Cnismatocentrum* Hall 1920
 Terebratulacea Gray 1840
- Coelospira* Hall 1863
 Dayiacea Waagen 1883
- Coelospirella* Su 1976
 Dayiacea Waagen 1883
- Coelospirina* Havlicek 1956
 Dayiacea Waagen 1883
- Coeloterorhynchus* Sartenaer 1966
 Rhynchonellacea Gray 1848
- Coenothyris* Douville 1879
 Dielasmatacea Schuchert 1913
- Colaptomena* Cooper 1956
 Strophomenacea King 1846
- Coledium* Grant 1965
 Stenoscismatacea Oehlert 1887
- Collarothyris* Modzalevskaja 1970
 Athyridacea McCoy 1844
- Collemataria* Cooper&Grant 1974
 Lyttoniaceae Waagen 1883
- Collumatus* Cooper&Grant 1969
 Richthofeniacea Waagen 1885
- Colongina* Breivel&Breivel 1970
 Athyridacea McCoy 1844
- Comatopoma* Havlicek 1950
 Enteletacea Waagen 1884
- Comelicania* Frech 1901
 Uncertain
- Clintonella* vagabunda Hall&Clarke 1893
 Silurian
- Orbicula* buchii Verneuil 1845
 Ordovician
- Pronites* adscendens Pander 1830
 Ordovician
- Uchtospirifer* clivosus Ljaschenko 1969
 Devonian
- Clorinda* armata Barrande 1879
 Silurian-Devonian
- Barrandella* areyi Hall&Clarke 1893
 Silurian
- Clorindina* uralica Khodalevich 1939
 Devonian
- Clorindina* alaica Nikiforova 1960
 Devonian
- Rensselaeria* stewarti Clarke 1907
 Devonian
- Cloudothyris* postovalis Boucot&Johnson 1968
 Devonian
- Terebratula* sakhalinensis Dall 1908
 Recent
- Leptocoelia* concava Hall 1857
 Silurian-Devonian
- Coelospirella* dongbeiensis Su 1976
 Devonian
- Coelospirina* modica Havlicek 1956
 Devonian
- Puganx* acuminatus Schmidt 1941
 Devonian
- Terebratula* vulgaris Schlotheim 1820
 Triassic
- Colaptomena* leptostrophoidea Cooper 1956
 Ordovician
- Coledium* eruqatum Grant 1965
 Devonian-Permian
- Meristella* canaliculata Wenjukow 1899
 Silurian-Devonian
- Collemataria* elongata Cooper&Grant 1974
 Permian
- Collumatus* solitarius Cooper&Grant 1969
 Permian
- Colongina* putilla Breivel&Breivel 1970
 Devonian
- Comatopoma* barrandei Havlicek 1950
 Ordovician
- Athyris* megalotis Stache 1878
 Permian

- Comiotoechia* Ljaschenko 1973
 Rhynchonellacea Gray 1848
- Composita* Brown 1849
 Athyridacea McCoy 1844
- Compressopproductus* Sarytcheva 1960
 Productacea Gray 1840
- Compsoria* Cooper 1973
 Terebratellacea King 1850
- Compothyris* Jackson 1918
 Rhynchonellacea Gray 1848
- Comuquia* Grant 1976
 Productacea Gray 1840
- Conchidiella* Khodalevich 1939
 Pentameracea McCoy 1844
- Conchidium* Oehlert 1887
 Pentameracea McCoy 1844
- Concinnispirifer* Roucot 1975
 Spiriferacea King 1846
- Concinnithyris* Sahni 1929
 Terebratulacea Gray 1848
- Condathyris* Minato 1953
 Reticulariacea Waagen 1883
- Connectopproductus* Donakova 1974
 Productacea Gray 1840
- Conodiscus* Ulrich&Cooper 1936
 Acrotretacea Schuchert 1893
- Conomimus* Johnson,Boucot&Gronberg 1968
 Strophocephalacea King 1850
- Conotreta* Walcott 1889
 Acrotretacea Schuchert 1893
- Contradouvillina* Gratsianova 1975
 Strophomenacea King 1846
- Coolinia* Bancroft 1949
 Davidsoniacea King 1850
- Cooperina* Termier,Termier&Pajaud 1966
 Aulostegacea Muir-Wood&Cooper 1960
- Coptothyris* Jackson 1918
 Terebratellacea King 1850
- Corbicularia* Ljaschenko 1973
 Chonetacea Bronn 1862
- Cordatomyonia* Roucot,Gauri&Johnson 1966
 Enteletacea Waagen 1884
- Corineorthis* Stubblefield 1939
 Orthacea Woodward 1852
- Cornwallia* Wilson 1932
 Uncertain
- Coronalosia* Waterhouse&Gupta 1978
 Strophalosiacea Schuchert 1913
- Camarotoechia galinae* Ljaschenko 1958
 Devonian
- Spirifer ambiguus* Sowerby 1823
 Devonian-Permian
- Productus compressus* Waagen 1884
 Permian
- Compsoria suffusa* Cooper 1973
 Recent
- Rhynchonella recovitzae* Jouin 1901
 Recent
- Comuquia modesta* Grant 1976
 Permian
- Pentamerus pseudobaschkiricus* Tschernyschew 1885
 Silurian
- Anomia bilocularis* Hisinger 1799
 Ordovician-Devonian
- Spirifer concinna* Hall 1857
 Devonian
- Terebratula obesa* Sowerby 1823
 Cretaceous
- Spirifer perplexa* McChesney 1860
 Pennsylvanian-Permian
- Productus probus* Rotai 1931
 Mississippian
- Acrothele burlingi* Kobayashi 1935
 Cambrian-Ordovician
- Conomimus truncatus* Johnson et al 1968
 Devonian
- Conotreta rusti* Walcott 1889
 Ordovician
- Contradouvillina salairica* Gratsianova 1975
 Devonian
- Orthis applanata* Salter 1846
 Ordovician-Silurian
- Cooperina inexpectata* Termier et al 1966
 Permian
- Terebratula grayi* Davidson 1852
 Tertiary-Recent
- Chonetes menneri* Ljaschenko 1958
 Devonian
- Cordatomyonia shupeii* Boucot et al 1966
 Devonian
- Corineorthis decipiens* Stubblefield 1939
 Ordovician
- Cornwallia minuta* Wilson 1932
 Ordovician
- Coronalosia blijniensis* Waterhouse&Gupta 1978
 Permian

- Corrugatimediostrum* Sartenaer 1970
 Rhynchonellacea Gray 1848
- Cortezorthis* Johnson&Talent 1967
 Halmanellacea Schuchert 1913
- Corvinopugnax* Havlicek 1961
 Rhynchonellacea Gray 1848
- Coscinarina* Muir-Wood&Cooper 1960
 Richthofeniacea Waagen 1885
- Coscinophora* Cooper&Stehli 1955
 Lyttoniaceae Waagen 1883
- Costachonetes* Waterhouse 1975
 Chonetacea Bronn 1862
- Costacranaena* Johnson&Perry 1976
 Dielasmatacea Schuchert 1913
- Costanoplia* Xu 1977
 Plicanoplitacea Xu 1977
- Costatrypa* Copper 1973
 Atrypacea Gill 1871
- Costellarina* Muir-Wood&Cooper 1967
 Strophalosiacea Schuchert 1913
- Costellirostra* Cooper 1942
 Rhynchonellacea Gray 1848
- Costellispirifer* Boucot 1973
 Delthyridacea Phillips 1841
- Costiferina* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Costinorella* Dagys 1974
 Rhynchonellacea Gray 1848
- Costirhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Costirhynchopsis* Dagys 1977
 Rhynchonellacea Gray 1848
- Costisorthis* Havlicek 1974
 Orthacea Woodward 1852
- Costispinifera* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Costispirifer* Cooper 1942
 Spiriferacea King 1846
- Costispiriferina* Dagys 1974
 Spiriferinacea Davidson 1884
- Costistricklandia* Amsden 1953
 Pentameracea McCoy 1844
- Costistrophonella* Harper&Boucot 1978
 Stropheodontacea Caster 1939
- Costoconcha* Ching,Sun&Ye 1979
 Dielasmatacea Schuchert 1913
- Craigella* Reed 1935
 Triplesiacea Schuchert 1913
- Terebratula rockymontana* Marcou 1858
 Pennsylvanian
- Cortezorthis maclareni* Johnson&Talent 1967
 Silurian-Devonian
- Rhynchonella corvina* Barrande 1847
 Devonian
- Richthofenia communis* Gemmellaro 1894
 Permian
- Coscinophora nodosa* Cooper&Stehli 1955
 Permian
- Chonetes uralica* Loczy 1899
 Pennsylvanian-Permian
- Costacranaena marlenae* Johnson&Perry 1976
 Devonian
- Costanoplia faceta* Xu 1977
 Devonian
- Atrypa varicostata* Stainbrook 1945
 Devonian
- Costellaria costellata* Muir-Wood&Cooper 1960
 Permian
- Atrypa peculiaris* Conrad 1841
 Devonian
- Spirifer perimele* Clarke 1907
 Devonian
- Productus indicus* Waagen 1884
 Permian
- Costinorella zharnikovae* Dagys 1974
 Triassic
- Costirhynchia costigera* Buckman 1917
 Jurassic
- Costirhynchia spatiosa* Dagys 1974
 Triassic
- Orthis oclusa* Barrande 1848
 Devonian
- Costispinifera texana* Muir-Wood&Cooper 1960
 Permian
- Spirifer arenosus* Swartz 1929
 Devonian
- Spiriferina shalshalensis* Rittner 1899
 Triassic
- Stricklandia gaspeensis* Billings 1859
 Silurian
- Strophomena punctulifera* Conrad 1838
 Devonian
- Costoconcha zigaensis* Ching,Sun&Ye 1979
 Triassic
- Triplesia grayiae* Davidson 1869
 Ordovician

- Cranaena* Hall & Clarke 1893
Dielasmatacea Schuchert 1913
- Cranaenella* Fenton & Fenton 1924
Dielasmatacea Schuchert 1913
- Crania* Retzius 1781
Craniacea Menke 1828
- Craniops* Hall 1859
Lingulacea Menke 1828
- Craniotreta* Termier & Monod 1978
Siphonotretacea Kutorga 1848
- Craniscus* Hall 1871
Craniacea Menke 1828
- Craspedalosis* Muir-Wood & Cooper 1960
Strophalosiacea Schuchert 1913
- Craspedelia* Cooper 1956
Plectambonitacea Jones 1928
- Craspedona* Cooper & Grant 1975
Aulostegacea Muir-Wood & Cooper 1960
- Crassatrypa* Mizens 1977
Atrypacea Gill 1871
- Crassiorina* Havlicek 1950
Enteletacea Waagen 1884
- Crassipunctatrypa* Mizens et al 1979
Atrypacea Gill 1871
- Crassumbo* Carter 1967
Reticulariacea Waagen 1883
- Cremnorthis* Williams 1963
Orthacea Woodward 1852
- Crenispirifer* Stehli 1954
Spiriferinacea Davidson 1984
- Cretirhynchia* Pettitt 1950
Rhynchonellacea Gray 1848
- Cricosia* Cooper 1973
Cancellothyridacea Thomson 1926
- Crinistrophia* Havlicek 1967
Strophomenacea King 1846
- Criopus* Poli 1791
Craniacea Menke 1828
- Cristiferina* Cooper 1956
Enteletacea Waagen 1884
- Crossacanthia* Gordon 1966
Productacea Gray 1840
- Crossalosis* Muir-Wood & Cooper 1960
Strophalosiacea Schuchert 1913
- Crozonorthis* Melou 1976
Orthacea Woodward 1852
- Cruralina* Smirnova 1966
Terebratulacea Gray 1840
- Terebratula romingeri* Hall 1863
 Devonian-Mississippian
- Terebratula navicella* Hall 1867
 Devonian-Mississippian
- Anomia craniolaris* Linne 1758
 Triassic-Recent
- Orbicula squamiformis* Hall 1843
 Ordovician-Mississippian
- Craniotreta caltepensisi* Termier & Monod 1978
 Cambrian
- Crania tripartita* Munster 1837
 Jurassic-Recent
- Orthothrix lamellosa* Geinitz 1848
 Permian
- Craspedelia marginata* Cooper 1956
 Ordovician
- Craspedona newelli* Cooper & Grant 1975
 Permian
- Atrypa diversa* Sapelnikov 1968
 Silurian
- Orthis notata* Barrande 1879
 Ordovician
- Punctatrypa crassiconcentrica* Mizens 1977
 Devonian
- Crassumbo inornatus* Carter 1967
 Mississippian
- Cremnorthis parva* Williams 1963
 Ordovician
- Spiriferina angulata* King 1931
 Pennsylvanian-Permian
- Terebratula plicatilis* Sowerby 1816
 Cretaceous
- Terebratulina filosa* Conrad 1866
 Cretaceous
- Crinistrophia crinita* Havlicek 1967
 Devonian
- Anomia imperforata* Poli 1791
 Triassic-Recent
- Cristiferina cristata* Cooper 1956
 Ordovician
- Crossacanthia perlamellosa* Gordon 1966
 Mississippian
- Productus buchianus* Koninck 1847
 Mississippian
- Crozonorthis muscolosa* Melou 1976
 Ordovician
- Cruralina cruralinica* Smirnova 1966
 Cretaceous

- Cruratula* Bittner 1890
 Dielasmatacea Schuchert 1913
- Cruricella* Grant 1976
 Cyrtiacea Fredericks 1924
- Crurirhynchia* Dagys 1961
 Rhynchonellacea Gray 1848
- Crurithyris* George 1931
 Cyrtiacea Fredericks 1924
- Cryptacanthia* White&St. John 1867
 Cryptonellacea Thomson 1926
- Cryptatrypa* Siehl 1962
 Atrypacea Gill 1871
- Cryptonella* Hall 1861
 Dielasmatacea Schuchert 1913
- Cryptopora* Jeffreys 1869
 Rhynchonellacea Gray 1848
- Cryptoporella* Bitner&Pisera 1979
 Rhynchonellacea Gray 1848
- Cryptorhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Cryptospirifer* Grabau 1931
 Reticulariacea Waagen 1883
- Cryptothyrella* Cooper 1942
 Athyridacea McCoy 1844
- Cryptothyris* Bancroft 1945
 Enteletacea Waagen 1884
- Cryptotreta* Pelman 1977
 Paterinacea Schuchert 1893
- Ctenalosis* Cooper&Stehli 1955
 Strophalosiacea Schuchert 1913
- Ctenochonetes* Racheboeuf 1976
 Chonetacea Bronn 1862
- Ctenokoninckina* Xu 1978
 Koninckinacea Davidson 1853
- Cubanirhynchia* Kamyschan 1968
 Rhynchonellacea Gray 1848
- Cubanothyris* Dagys 1959
 Dielasmatacea Schuchert 1913
- Cudmorella* Allan 1939
 Terebratellacea King 1850
- Cumberlandina* Boucot 1975
 Spiriferacea King 1846
- Cuneirhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Cuparius* Ross 1971
 Porambonitacea Davidson 1853
- Cupularostrum* Sartenaer 1961
 Rhynchonellacea Gray 1848
- Waldheimia eudora* Laube 1866
 Triassic
- Cruricella couria* Grant 1976
 Permian
- Crurirhynchia kparisovae* Dagys 1961
 Triassic
- Spirifer urei* Fleming 1828
 Devonian-Permian
- Waldheimia compacta* White&St. John 1867
 Pennsylvanian-Permian
- Terebratula philomela* Barrande 1847
 Silurian-Devonian
- Terebratula rectirostra* Hall 1860
 Devonian&Permian
- Atretia gnomon* Jeffreys 1876
 Tertiary-Recent
- Cryptoporella antiqua* Bitner&Pisera 1979
 Cretaceous
- Rhynchonella pulcherrima* Kitchin 1900
 Jurassic
- Cryptospirifer lochenqensis* Grabau 1931
 Carboniferous
- Whitfieldella quadrangularis* Foerste 1906
 Ordovician-Silurian
- Resserella paracyclica* Bancroft 1928
 Ordovician
- Cryptotreta neguertchenensis* Pelman 1977
 Cambrian
- Ctenalosis fixata* Cooper&Stehli 1955
 Permian
- Chonetes tenuicostata* Oehlert 1877
 Devonian
- Ctenokoninckina typica* Xu 1978
 Triassic
- Cubanirhynchia rostovtzevi* Kamyschan 1968
 Jurassic
- Cubanothyris elegans* Dagys 1959
 Triassic
- Cudmorella tatei* Allan 1939
 Tertiary
- Spirifer cumberlandiae* Hall 1857
 Devonian
- Rhynchonella dalmasi* Dunortier 1869
 Triassic-Jurassic
- Cuparius cardilatus* Ross 1971
 Ordovician
- Cupularostrum recticostatum* Sartenaer 1961
 Devonian

- Curticia* Walcott 1905
 Acrotretacea Schuchert 1893
- Curtirhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Cyclacantharia* Cooper&Grant 1969
 Richthofeniacea Waagen 1885
- Cycladigera* Havlicek 1971
 Enteletacea Waagen 1884
- Cyclocoelia* Foerste 1909
 Orthacea Woodward 1852
- Cyclomyonia* Cooper 1956
 Enteletacea Waagen 1884
- Cyclospira* Hall&Clarke 1893
 Nayaicea Waagen 1883
- Cyclothyris* McCoy 1844
 Rhynchonellacea Gray 1848
- Cydimia* Chatterton 1973
 Stringocephalacea King 1850
- Cymatorhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Cymbidium* Kirk 1926
 Pentameracea McCoy 1844
- Cymbistropheodonta* Harper&Boucot 1978
 Stropheodontacea Caster 1939
- Cymbithyris* Cooper 1952
 Rillingsellacea Schuchert 1893
- Cymostrophia* Caster 1939
 Strophomenacea King 1846
- Cyphomena* Cooper 1956
 Strophomenacea King 1846
- Cyphomenoidea* Cocks 1968
 Strophomenacea King 1846
- Cyphotalosia* Carter 1967
 Strophalosiacea Schuchert 1913
- Cyphoterorhynchus* Sartenaer 1965
 Rhynchonellacea Gray 1848
- Cyrolexis* Grant 1965
 Stenosismataacea Oehlert 1887
- Cyrtalosis* Termier&Termier 1970
 Strophalosiacea Schuchert 1913
- Cyrtella* Fredericks 1924
 Spiriferacea King 1846
- Cyrtia* Dalman 1828
 Cyrtiacea Fredericks 1924
- Cyrtina* Davidson 1858
 Suessiacea Waagen 1883
- Cyrtinaella* Fredericks 1916
 Suessiacea Waagen 1883
- Curticia elegantula* Walcott 1905
 Cambrian
- Rhynchonella oolitica* Davidson 1852
 Jurassic
- Cyclacantharia kingorum* Cooper&Grant 1969
 Permian
- Orthis palliata* Barrande 1848
 Devonian
- Atrypa sordida* Hall 1847
 Ordovician
- Cyclomyonia peculiaris* Cooper 1956
 Ordovician
- Orthis bisulcata* Emmons 1842
 Ordovician-Silurian
- Terebratula latissima* Sowerby 1829
 Cretaceous
- Cydimia robertsi* Chatterton 1973
 Devonian
- Rhynchonella cymatophorina* Buckman 1910
 Jurassic
- Cymbidium acutum* Kirk 1926
 Silurian
- Stropheodonta cymbiformis* Swallow 1860
 Devonian
- Cymbithyris hami* Cooper 1952
 Cambrian
- Leptaena stephani* Barrande 1879
 Silurian-Devonian
- Leptaena homostriata* Butts 1942
 Ordovician
- Leptaena wisooriensis* Lamont&Gilbert 1945
 Silurian
- Cyphotalosia masonensis* Carter 1967
 Mississippian
- Uncinulus koraghensis* Reed 1922
 Devonian
- Cyrolexis haquei* Grant 1965
 Permian
- Cyrtalosis circinata* Termier&Termier 1970
 Permian
- Cyrtia kulikiana* Fredericks 1916
 Permian
- Anomites exporrectus* Wahlenberg 1821
 Silurian-Devonian
- Calceola heteroclitia* DeFrance 1828
 Silurian-Mississippian
- Cyrtina biplicata* Hall 1857
 Devonian

- Cyrtinaellina fredericksi* 1926
 Svesstiacea Waagen 1883
- Cyrtinopsis* Scupin 1896
 Spiriferacea King 1846
- Cyrtiopsis* Grabau 1927
 Spiriferacea King 1846
- Cyrtoneiscus* Boucot & Harper 1968
 Chonetacea Bronn 1862
- Cyrtototella* Schuchert & Cooper 1931
 Orthacea Woodward 1852
- Cyrtospirifer* Nalivkin 1924
 Spiriferacea King 1846
- Cyrtothyris* Middlemiss 1959
 Terebratulacea Gray 1840
- Dactylogonia* Ulrich & Cooper 1942
 Strophomenacea King 1846
- Dactylotreta* Rowell & Henderson 1978
 Acrotretacea Schuchert 1893
- Daghanirhynchia* Muir-Wood 1935
 Rhynchonellacea Gray 1848
- Dagnachonetes* Afanasjeva 1978
 Chonetacea Bronn 1862
- Dalaia* Plodowski 1968
 Reticulariacea Waagen 1883
- Dalejina* Havlicek 1953
 Enteletacea Waagen 1884
- Dalejodiscus* Havlicek 1961
 Plectambonitacea Jones 1928
- Dalerhynchus* Pai 1978
 Rhynchonellacea Gray 1848
- Dalinuria* Lee & Gu 1976
 Productacea Gray 1840
- Dalligas* Steinich 1968
 Terebratellacea King 1850
- Dallina* Beecher 1893
 Terebratellacea King 1850
- Dallinella* Thomson 1915
 Terebratellacea King 1850
- Dallithyris* Muir-Wood 1959
 Terebratulacea Gray 1840
- Dalmanella* Hall & Clarke 1892
 Enteletacea Waagen 1884
- Dalmanellopsis* Khalfin 1948
 Enteletacea Waagen 1884
- Danella* Pajaud 1966
 Thecideacea Gray 1840
- Danocrania* Rosenkrantz 1964
 Craniacea Menke 1828
- Cyrtia acutirostris* Shumard 1855
 Silurian-Mississippian
- Spirifer undosus* Schnur 1853
 Devonian
- Cyrtiopsis davidsoni* Grabau 1931
 Devonian
- Chonetes nectus* Clarke 1907
 Devonian
- Orthis semicircularis* Eichwald 1829
 Ordovician
- Spirifer verneuili* Murchison 1840
 Devonian-Mississippian
- Terebratula depressa* Walker 1868
 Cretaceous
- Dactylogonia geniculata* Ulrich & Cooper 1942
 Ordovician
- Dactylotreta rudunca* Rowell & Henderson 1978
 Cambrian
- Daghanirhynchia daghaniensis* Muir-Wood 1935
 Jurassic
- Dagnachonetes caucasicus* Afanasjeva 1978
 Devonian
- Dalaia tardiplicata* Plodowski 1968
 Permian
- Dalejina hanusi* Havlicek 1953
 Devonian
- Strophomena comitans* Barrande 1879
 Devonian
- Dalerhynchus dingshanlingensis* Pai 1978
 Devonian
- Dalinuria liaoningensis* Lee & Gu 1976
 Permian
- Dalligas nobilis* Steinich 1968
 Cretaceous
- Terebratula septigera* Loven 1846
 Tertiary-Recent
- Terebratalia obsoleta* Beecher 1893
 Tertiary-Recent
- Dallithyris murrayi* Muir-Wood 1959
 Tertiary-Recent
- Orthis testudinaria* Dalman 1828
 Ordovician-Silurian
- Dalmanellopsis septiger* Khalfin 1948
 Devonian
- Danella fragilis* Pajaud 1966
 Cretaceous
- Crania tuberculata* Nilsson 1827
 Tertiary

- Darvasia* Licharew 1934
Spiriferacea King 1846
- Dasyalosia* Muir-Wood&Cooper 1960
Strophalosiacea Schuchert 1913
- Dasysaria* Cooper&Grant 1959
Productacea Gray 1840
- Datangia* Yang 1977
Productacea Gray 1840
- Davidsonella* Munier-Chalmas 1880
Thecideacea Gray 1840
- Davidsonia* Bouchard 1849
Davidsoniacea King 1850
- Davidsoniatrypa* Lenz 1958
Atrypacea Gill 1871
- Davidsonina* Schuchert&LeVene 1929
Suessiacea Waagen 1883
- Daviesiella* Waagen 1884
Chonetacea Bronn 1862
- Davoustia* Racheboeuf 1976
Chonetacea Bronn 1862
- Dawsonelloides* Boucot&Harper 1968
Chonetacea Bronn 1862
- Dayia* Davidson 1881
Dayiacea Waagen 1883
- Dearbornia* Walcott 1908
Acrotretacea Schuchert 1893
- Decoropugnax* Havlicek 1960
Rhynchonellacea Gray 1848
- Decurtella* Gaetani 1966
Rhynchonellacea Gray 1848
- Deetzetina* Havlicek 1950
Enteletacea Waagen 1884
- Delepinea* Muir-Wood 1962
Chonetacea Bronn 1862
- Deltachania* Waterhouse 1971
Athyridacea McCoy 1844
- Deltarina* Cooper&Grant 1976
Rhynchonellacea Gray 1848
- Deltatreta* Ulrich 1926
Clitambonitacea Winchell&Schuchert 1893
- Delthyris* Dalman 1828
Spiriferacea King 1846
- Demonedys* Grant 1976
Chonetacea Bronn 1862
- Denticuliphoria* Licharew 1956
Rhynchonellacea Gray 1848
- Dentospiriferina* Dagys 1965
Spiriferinacea Davidson 1884
- Darvasia edelsteini* Licharew 1934
 Permian
- Spondylus goldfussi* Munster 1839
 Permian
- Dasysaria undulata* Cooper&Grant 1969
 Permian
- Datangia luzhaiensis* Ni 1977
 Mississippian
- Thecidea sinuata* Deslongchamps 1853
 Jurassic
- Davidsonia verneuili* Bouchard 1849
 Devonian
- Davidsoniatrypa johnsoni* Lenz 1968
 Devonian
- Spirifera septosa* Phillips 1836
 Mississippian
- Productus llangollensis* Davidson 1863
 Mississippian
- Chonetes davousti* Oehlert 1887
 Devonian
- Chonetes canadensis* Billings 1874
 Devonian
- Terebratula navicula* Sowerby 1839
 Silurian-Devonian
- Dearbornia clarki* Walcott 1908
 Cambrian
- Terebratula berenice* Barrande 1847
 Silurian
- Terebratula decurtata* Girard 1843
 Triassic
- Parmorthis macrostomoides* Havlicek 1950
 Ordovician
- Productus comoides* Sowerby 1822
 Mississippian
- Deltachania acanthatia* Waterhouse 1971
 Pennsylvanian
- Deltarina magnicostata* Cooper&Grant 1976
 Permian
- Deltatreta fillistriata* Butts 1926
 Ordovician
- Delthyris elevata* Dalman 1828
 Silurian-Devonian
- Demonedys fastigiata* Grant 1976
 Permian
- Denticuliphoria rara* Licharew 1956
 Permian
- Dentospiriferina pepeliaevi* Dagys 1965
 Triassic

- Deothossia* Gatinaud 1949
Spiriferacea King 1846
- Derbyaeconcha* Licharew 1934
Davidsoniacea King 1950
- Derbyella* Grabau 1931
Strophalosiacea Schuchert 1913
- Derbyia* Waaqen 1894
Derbyiacea Stehli 1954
- Derbyina* Clarke 1913
Stringocephalacea King 1850
- Derbyoides* Dunbar&Condra 1932
Orthotetacea Waaqen 1884
- Dereta* Elliott 1959
Terebratellacea King 1850
- Desatrypa* Copper 1964
Atrypacea Gill 1871
- Desmoinesia* Hoare 1960
Productacea Gray 1840
- Desmorthis* Ulrich&Cooper 1936
Orthacea Woodward 1852
- Desquamatia* Alekseeva 1960
Atrypacea Gill 1871
- Destombesium* Havlicek 1971
Enteletacea Waaqen 1884
- Devonalosia* Muir-Wood&Cooper 1960
Strophalosiacea Schuchert 1913
- Devonamphistropia* Harper&Roucot 1978
Stropheodontacea Caster 1939
- Devonaria* Biernat 1966
Chonetacea Bronn 1862
- Devonochonetes* Muir-Wood 1962
Chonetacea Bronn 1862
- Devonogypa* Havlicek 1951
Pentameracea McCoy 1844
- Devonoproductus* Stainbrook 1943
Productacea Gray 1840
- Diabolirhynchia* Drot 1963
Rhynchonellacea Gray 1848
- Diambonia* Cooper&Kindle 1936
Plectambonitacea Jones 1928
- Diandongia* Rong 1974
Acrotretacea Schuchert 1893
- Diaphelasma* Ulrich&Cooper 1936
Porambonitacea Davidson 1853
- Diaphragmus* Girty 1910
Productacea Gray 1840
- Diazoma* Durkoop 1970
Melthyridacea Phillips 1841
- Spirifer anossofioides* Grabau 1931
 Devonian
- Derbyia anomala* Licharew 1932
 Permian
- Derbyella bureri* Grabau 1931
 Permian
- Derbyia regularis* Waaqen 1884
 Carboniferous-Permian
- Notothyris smithi* Derby 1890
 Devonian
- Derbyoides nebrascensis* Dunbar&Condra 1932
 Pennsylvanian-Permian
- Terebratula pectita* Sowerby 1816
 Cretaceous
- Atrypa desnuaamata* Sowerby 1840
 Devonian
- Productus muricatus* Norwood&Pratten 1855
 Pennsylvanian
- Desmorthis nevadensis* Ulrich&Cooper 1936
 Ordovician
- Desquamatia khavae* Alekseeva 1960
 Devonian
- Destombesium pectiniferum* Havlicek 1971
 Ordovician
- Devonalosia wrightorum* Muir-Wood&Cooper 1960
 Devonian
- Strophodonta alveata* Hall 1863
 Devonian
- Chonetes zeuschneri* Sobolev 1909
 Devonian
- Chonetes coronatus* Hall 1857
 Devonian
- Devonogypa spinulosa* Havlicek 1951
 Devonian
- Productella walcotti* Fenton&Fenton 1924
 Devonian
- Diabolirhynchia hollardi* Drot 1963
 Silurian
- Plectambonites gibbosa* Winchell&Schuchert 1895
 Ordovician
- Diandongia pista* Rong 1974
 Cambrian
- Diaphelasma pennsylvanicum* Ulrich&Cooper 1936
 Ordovician
- Productus elegans* Norwood&Pratten 1855
 Mississippian
- Emanuella volhynica* Kelus 1939
 Devonian

- Dicamara* Hall&Clarke 1893
Athyridacea McCoy 1844
- Dicamaropsis* Amsden 1968
Athyridacea McCoy 1844
- Dicellomus* Hall 1871
Lingulacea Menke 1828
- Diceromyonia* Wang 1949
Enteletacea Waagen 1884
- Dichospirifer* Brice 1970
Spiriferacea King 1846
- Dichozygopleura* Renouf 1972
Athyridacea McCoy 1844
- Dicoelosia* King 1850
Enteletacea Waagen 1884
- Dicoelostrophia* Wang 1955
Strophomenacea King 1846
- Dicraniscus* Meek 1872
Triplésiacea Schuchert 1913
- Dicrosia* Cooper 1978
Terebratulacea King 1850
- Dictyoclostoidea* Wang&Ching 1964
Productacea Gray 1840
- Dictyoclostus* Muir-Wood 1930
Productacea Gray 1840
- Dictyonathyris* Xu 1978
Athyridacea McCoy 1844
- Dictyonella* Hall 1868
Eichwaldiacea Schuchert 1893
- Dictyonina* Cooper 1942
Paterinacea Schuchert 1893
- Dictyonites* Cooper 1956
Paterinacea Schuchert 1893
- Dictyostrophia* Caster 1939
Strophomenacea King 1846
- Dictyothyris* Houville 1879
Terebratulacea Gray 1840
- Dictyothyropsis* Barczyk 1969
Terebratulacea King 1850
- Dicystoconcha* Termier et al 1974
Lyttoniacea Waagen 1883
- Didymelasma* Cooper 1956
Pentameracea McCoy 1844
- Didymoparcium* Lenz 1977
Dalmanellacea Schuchert 1913
- Didymothyris* Rubel&Modzalevskaia 1967
Athyridacea McCoy 1844
- Dielasma* King 1859
Dielasmatacea Schuchert 1913
- Atrypa plebeia* Sowerby 1840
 Devonian
- Merista parva* Thomas 1926
 Silurian
- Lingula polita* Hall 1861
 Cambrian
- Orthis tersa* Sardeson 1892
 Ordovician
- Dichospirifer thylakistoides* Brice 1970
 Devonian
- Dichozygopleura dichozygopleura* Renouf 1972
 Devonian
- Anomia biloba* Linne 1767
 Ordovician-Devonian
- Dicoelostrophia punctatum* Wang 1955
 Devonian
- Dicraniscus ortonii* Meek 1872
 Silurian
- Abyssothyris fijiensis* Elliott 1960
 Tertiary
- Dictyoclostoidea kiangsiensis* Wang&Ching 1964
 Permian
- Anomites semireticulatus* Martin 1809
 Mississippian
- Dictyonathyris lanaensis* Xu 1978
 Triassic
- Atrypa coralifera* Hall 1852
 Silurian
- Trematis pannulus* White 1874
 Cambrian
- Dictyonites perforata* Cooper 1956
 Ordovician
- Dictyostrophia cooperi* Caster 1939
 Devonian
- Terebratulites coarctatus* Parkinson 1811
 Jurassic
- Terebratulites loricatus* Schlotheim 1820
 Jurassic
- Dicystoconcha lapparenti* Termier et al 1974
 Pennsylvanian-Permian
- Didymelasma longicrurum* Cooper 1956
 Ordovician
- Didymoparcium costata* Lenz 1977
 Silurian
- Terebratula didyma* Dalman 1828
 Silurian
- Terebratulites elongatus* Schlotheim 1816
 Mississippian-Permian

- Dielasmella* Weller 1911
 Dielasmatacea Schuchert 1913
- Dielasmina* Waagen 1882
 Dielasmatacea Schuchert 1913
- Dielasmoides* Weller 1911
 Dielasmatacea Schuchert 1913
- Dierisma* Ching, Sun & Ye 1979
 Rhynchonellacea Gray 1848
- Diestothyris* Thomson 1916
 Terebratellacea King 1850
- Digitia* Gregorio 1930
 Lyttoniaceae Waagen 1933
- Dignomia* Hall 1872
 Lingulacea Menke 1828
- Digonella* Muir-Wood 1934
 Zeilleriaceae Allan 1940
- Diholkorhynchia* Yang & Xu 1966
 Rhynchonellacea Gray 1848
- Dimegelasma* Cooper 1942
 Spiriferinacea Davidson 1884
- Dimerella* Zittel 1870
 Rhynchonellacea Gray 1848
- Dinapophysia* Maillieux 1935
 Rhynchonellacea Gray 1848
- Dinarella* Bittner 1897
 Dielasmatacea Schuchert 1913
- Dinarispira* Nagys 1974
 Spiriferinacea Davidson 1884
- Dinobolus* Hall 1871
 Trimerellacea Davidson & Ching 1872
- Dinorthis* Hall & Clarke 1892
 Orthacea Woodward 1852
- Dioristella* Bittner 1890
 Athyridacea McCoy 1844
- Diorthelasma* Cooper 1956
 Enteletacea Waagen 1934
- Diparelasma* Ulrich & Cooper 1936
 Orthacea Woodward 1852
- Diplanus* Stehli 1954
 Davidsoniaceae King 1850
- Diplonorthis* Mitchell 1977
 Orthacea Woodward 1852
- Diplospirella* Bittner 1890
 Athyridacea McCoy 1844
- Diraphora* Bell 1941
 Orthacea Woodward 1852
- Dirinus* McCoy 1844
 Uncertain
- Eunella compressa* Weller 1936
 Mississippian
- Dielasmina plicata* Waagen 1882
 Permian
- Dielasmoides bisinuata* Weller 1911
 Mississippian
- Dierisma furcatum* Ching, Sun & Ye 1979
 Triassic
- Terebratula frontalis* Middendorff 1849
 Tertiary-Recent
- Lyttonia angustata* Gregorio 1930
 Permian
- Lingula alveata* Hall 1863
 Devonian
- Terebratula digona* Sowerby 1815
 Jurassic
- Rhynchonella sinensis* Koken 1910
 Triassic
- Spirifer neglectus* Hall 1858
 Mississippian
- Dimerella guembeli* Zittel 1870
 Triassic
- Orthis papilio* Krantz 1857
 Devonian
- Dinarella haueri* Bittner 1892
 Triassic
- Spiriferina pia* Bittner 1890
 Triassic
- Obolus conradi* Hall 1868
 Silurian
- Orthis pectinella* Conrad & Emmons 1842
 Ordovician
- Terebratula indistincta* Reyrich 1862
 Triassic
- Diorthelasma parvum* Cooper 1956
 Ordovician
- Diparelasma typicum* Ulrich & Cooper 1936
 Ordovician
- Streptorhynchus lamellatum* King 1931
 Permian
- Diplonorthis portlocki* Mitchell 1977
 Ordovician
- Terebratula wissmanni* Munster 1841
 Triassic
- Eoorthis bellicostata* Walcott 1924
 Cambrian
- Dirinus bucklandi* McCoy 1844
 Carboniferous

- Discina* Lamarck 1819
Discinacea Gray 1840
- Discinisca* Dall 1871
Discinacea Gray 1840
- Discinolepis* Waagen 1885
Acrotretacea Schuchert 1893
- Discinopsis* Matthew 1892
Acrotretacea Schuchert 1893
- Discomyorthis* Johnson 1970
Enteletacea Waagen 1884
- Discotreta* Ulrich&Cooper 1936
Acrotretacea Schuchert 1893
- Discradisca* Stenzel 1964
Discinacea Gray 1840
- Disculina* Deslongchamps 1884
Terebratulacea Gray 1840
- Dspiriferina* Siblik 1965
Spiriferinacea Davidson 1884
- Ditreta* Biernat 1973
Acrotretacea Schuchert 1893
- Divaricosta* Cooper&Grant 1969
Rhynchonellacea Gray 1848
- Dmitria* Sidiachenko 1961
Spiriferacea King 1846
- Dmitrispirifer* Ljaschenko 1973
Spiriferacea King 1846
- Dnestrina* Nikiforova&Modzalevskaja 1968
Atrypacea Gill 1871
- Doleroides* Cooper 1930
Orthacea Woodward 1852
- Dolerorthis* Schuchert&Cooper 1931
Orthacea Woodward 1852
- Doloresella* Sando 1957
Porambonitacea Davidson 1853
- Donella* Rotai 1931
Rhynchonellacea Gray 1848
- Dongbaella* Ching&Ye 1979
Nielasmatacea Schuchert 1913
- Dorashamia* Sarytcheva 1965
Productacea Gray 1840
- Dorsisinus* Sanders 1958
Rhynchonellacea Gray 1848
- Dorsoplicathyris* Almeras 1971
Terebratellacea King 1850
- Dorsoscyphus* Roberts 1971
Davidsoniacea King 1850
- Dorytreta* Cooper 1956
Rhynchonellacea Gray 1848
- Discina ostreoides* Lamarck 1819
 Recent
- Orbicula lamellosa* Broderip 1833
 Triassic-Recent
- Discinolepis granulata* Waagen 1885
 Cambrian
- Acrotreta gulielmi* Matthew 1886
 Cambrian
- Orthis musculosa* Hall 1857
 Devonian
- Acrothele levisensis* Walcott 1908
 Ordovician
- Orbicula antillarum* Orbigny 1845
 Recent
- Terebratula hemisphaerica* Sowerby 1826
 Jurassic
- Spiriferina davidsoni* Deslongchamps 1855
 Jurassic
- Ditreta dividua* Biernat 1973
 Ordovician
- Divaricosta squarrosa* Cooper&Grant 1969
 Permian
- Spirifer romanowskii* Nalivkin 1930
 Devonian
- Dmitrispirifer nalivkini* Ljaschenko 1973
 Devonian
- Dnestrina gutta* Nikiforova et al 1968
 Silurian
- Orthis gibbosa* Billings 1857
 Ordovician
- Orthis interplicata* Foeerste 1909
 Ordovician-Silurian
- Doloresella concentrica* Sando 1957
 Ordovician
- Donella minima* Rotai 1931
 Mississippian
- Dongbaella planata* Ching&Ye 1979
 Mississippian
- Dorashamia abichi* Sarytcheva 1965
 Permian
- Centronella louisianensis* Weller 1914
 Mississippian
- Terebratula dorsoplicata* Suess 1856
 Jurassic
- Dorsoscyphus spinulosus* Roberts 1971
 Carboniferous
- Dorytreta bella* Cooper 1956
 Ordovician

- Dotswoodia* McKellar 1970
 Productacea Gray 1840
- Douvillina* Nehlert 1897
 Strophomenacea King 1846
- Douvillinaria* Stainbrook 1945
 Strophomenacea King 1846
- Douvillinella* Spriestersbach 1925
 Strophomenacea King 1846
- Douvillinoides* Harper&Ducot 1978
 Stropheodontacea Caster 1939
- Dowhatania* Waterhouse&Gupta 1978
 Productacea Gray 1840
- Drabodiscina* Havlicek 1972
 Discinacea Gray 1840
- Draborthis* Marek&Havlicek 1967
 Enteletacea Waagen 1884
- Drabovia* Havlicek 1950
 Enteletacea Waagen 1884
- Drabovinella* Havlicek 1950
 Enteletacea Waagen 1884
- Dracius* Steinich 1967
 Terebratulacea Gray 1840
- Drahanorhynchus* Havlicek 1967
 Davidsoniacea King 1850
- Drahanostrophia* Havlicek 1967
 Davidsoniacea King 1850
- Drepanorhyncha* Cooper 1956
 Rhynchonellacea Gray 1848
- Drummuckina* Bancroft 1949
 Strophomenacea King 1846
- Duarteia* Mendes 1959
 Productacea Gray 1840
- Dubaria* Termier 1936
 Atrypacea Gill 1871
- Dubioleptina* Havlicek 1967
 Plectambonitacea Jones 1928
- Dulankarella* Rukavischnikova 1956
 Plectambonitacea Jones 1928
- Dundrythyris* Almeras 1971
 Terebratulacea Gray 1840
- Durranelia* Percival 1979
 Plectambonitacea Jones 1928
- Duryeella* Boucot 1975
 Spiriferacea King 1846
- Dushanirhynchia* Wang&Zhu 1979
 Rhynchonellacea Gray 1848
- Dyoros* Stehli 1954
 Chonetacea Bronn 1862
- Whidbornella wyatti* McKellar 1970
 Devonian
- Orthis dutertrei* Murchison 1839
 Silurian-Devonian
- Stropheodonta variabilis* Calvin 1878
 Devonian
- Stropheodonta filifer* Schmidt 1912
 Devonian
- Douvillinella crickmayi* Pedder 1960
 Devonian
- Productus dowhatensis* Diener 1915
 Mississippian
- Discina grandis* Barrande 1879
 Ordovician
- Draborthis caelebs* Marek&Havlicek 1967
 Ordovician
- Orthis redux* Barrande 1848
 Ordovician
- Orthis drabovensensis* Barrande 1879
 Ordovician
- Dracius carnifex* Steinich 1967
 Cretaceous
- Drahanorhynchus drahanicus* Havlicek 1967
 Carboniferous
- Drahanostrophia ficneri* Havlicek 1967
 Devonian
- Porambonites ottawaensis* Billings 1862
 Ordovician
- Strophomena agrestis* Bancroft 1949
 Ordovician
- Productus hatesianus* Derby 1874
 Pennsylvanian
- Dubaria lantenoisi* Termier 1936
 Silurian-Devonian
- Strophomena expulsa* Barrande 1879
 Silurian
- Dulankarella magna* Rukavischnikova 1956
 Ordovician
- Terebratula perovalis* Sowerby 1825
 Jurassic
- Durranelia septata* Percival 1979
 Ordovician
- Spirifer macra* Hall 1857
 Devonian
- Dushanirhynchia inflata* Wang&Zhu 1979
 Devonian
- Chonetes consanguineus* Girty 1929
 Permian

- Dyschrestia* Grant 1976
Productacea Gray 1840
- Dyscolia* Fischer&Oehlert 1890
Terebratulacea Gray 1840
- Dyscritothyris* Cooper 1979
Terebratulacea Gray 1840
- Dysoristus* Bell 1944
Siphonotretacea Kutorga 1848
- Dyticospirifer* Johnson 1966
Delthyridacea Phillips 1841
- Dzieduszyckia* Siemiradzki 1909
Athyrisinacea Grabau 1931
- Dzirulina* Nutsbidze 1945
Terebratulacea Gray 1840
- Eatonia* Hall 1857
Rhynchonellacea Gray 1848
- Eatonioides* McLearn 1919
Rhynchonellacea Gray 1848
- Eccentricosta* Berdan 1963
Chonetacea Pronn 1862
- Echinalosia* Waterhouse 1967
Strophalosiacea Schuchert 1913
- Echinaria* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Echinauris* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Echinirhynchia* Childs 1969
Rhynchonellacea Gray 1848
- Echinocoelia* Cooper&Williams 1935
Cyrtiacea Fredericks 1924
- Echinocoeliopsis* Hamada 1968
Cyrtiacea Fredericks 1924
- Echinoconchus* Weller 1914
Productacea Gray 1840
- Echinospirifer* Ljaschenko 1973
Spiriferacea King 1846
- Echinosteges* Muir-Wood&Cooper 1960
Aulostegacea Muir-Wood&Cooper 1960
- Ecnomiosa* Cooper 1977
Terebratellacea King 1850
- Ectenoglossa* Sinclair 1945
Lingulacea Menke 1828
- Ectochoeristites* Campbell 1957
Spiriferacea King 1846
- Ectoposia* Cooper&Grant 1976
Dielasmatacea Schuchert 1913
- Ectorenssealandia* Johnson 1973
Stringocephalacea King 1850
- Dyschrestia spodia* Grant 1976
 Permian
- Terebratulina wyvillei* Davidson 1878
 Tertiary-Recent
- Dyscritothyris cubensis* Cooper 1979
 Cretaceous
- Dysoristus lochmanae* Bell 1944
 Cambrian
- Dyticospirifer mccolleyensis* Johnson 1966
 Devonian
- Terebratula kielcensis* Roemer 1866
 Devonian
- Terebratula dzirulensis* Anthula 1899
 Cretaceous
- Atrypa medialis* Vanuxem 1842
 Devonian
- Eatonioides lamellornatus* McLearn 1918
 Silurian
- Chonetes jerseyensis* Weller 1900
 Silurian-Devonian
- Strophalasia maxwelli* Waterhouse 1964
 Permian
- Productus semipunctatus* Shepard 1838
 Pennsylvanian-Permian
- Echinauris lateralis* Muir-Wood&Cooper 1960
 Permian
- Terebratulites senticosus* Schlotheim 1820
 Jurassic
- Echinocoelia ambocoelioides* Cooper&Williams 1935
 Devonian
- Echinocoeliopsis sculpta* Hamada 1968
 Devonian
- Anomites punctatus* Martin 1809
 Mississippian
- Echinospirifer distinctus* Ljaschenko 1973
 Devonian
- Aulosteges tuberculatus* King 1931
 Permian
- Ecnomiosa gerda* Cooper 1977
 Recent
- Lingula lesueurii* Rouault 1850
 Ordovician
- Ectochoeristites wattsi* Campbell 1957
 Mississippian
- Ectoposia wildei* Cooper&Grant 1976
 Permian
- Rensselaeria laevis* Meek 1868
 Devonian

- Ectorhipidium* Boucot&Johnson 1979
 Pentameracea McCoy 1844
- Edriostegea* Muir-Wood&Cooper 1960
 Aulostegacea Muir-Wood&Cooper 1960
- Ehlersella* Boucot&Johnson 1966
 Pentameracea McCoy 1844
- Eichwaldia* Billings 1858
 Eichwaldiaceae Schuchert 1893
- Eifelatrypa* Cooper 1973
 Atrypacea Gill 1871
- Eilotreta* Amsden 1968
 Triplesiaea Schuchert 1913
- Elasmothyris* Cooper 1956
 Enteletacea Waagen 1884
- Elassonia* Cooper&Grant 1976
 Rhynchonellacea Gray 1848
- Elenchus* Aleksandrov 1973
 Reticulariaceae Waagen 1883
- Eleutherocrania* Huene 1899
 Craniacea Menke 1828
- Eleutherokomma* Crickmay 1950
 Spiriferacea King 1846
- Elinoria* Cooper&Muir-Wood 1951
 Spiriferacea King 1846
- Elita* Fredericks 1918
 Reticulariaceae Waagen 1883
- Eliva* Fredericks 1924
 Spiriferacea King 1846
- Elivella* Fredericks 1924
 Reticulariaceae Waagen 1883
- Elivina* Fredericks 1924
 Spiriferacea King 1846
- Elkania* Ford 1896
 Lingulacea Menke 1828
- Ella* Fredericks 1918
 Spiriferacea King 1846
- Elliottella* Stehli 1955
 Productacea Gray 1840
- Elliottina* Pajaud 1963
 Thecideacea Gray 1840
- Ellipsothyris* Sahni 1925
 Terebratulacea Gray 1840
- Elliptoglossa* Cooper 1956
 Lingulacea Menke 1828
- Elliptostrophia* Havlicek 1963
 Strophomenacea King 1846
- Elmaria* Nalivkin 1947
 Stringocephalacea King 1850
- Conchidium trilobatum* Kindle&Breger 1904
 Silurian
- Edriostegea multispinosus* Muir-Wood&Cooper 1960
 Permian
- Stricklandinia davidsoni* Billings 1868
 Silurian
- Eichwaldia subtrigonalis* Billings 1858
 Ordovician
- Atrypa reticularis* Kayser 1871
 Devonian
- Rhynchotreta lenta* Thomas 1926
 Silurian
- Elasmothyris concinnula* Cooper 1956
 Ordovician
- Elassonia micraria* Cooper&Grant 1976
 Permian
- Elenchus areatus* Aleksandrov 1973
 Carboniferous
- Eleutherocrania gibberosa* Huene 1899
 Ordovician-Silurian
- Eleutherokomma hamiltoni* Crickmay 1950
 Devonian
- Spirifer rectangulus* Kutorqa 1844
 Permian
- Elthyris fimbriatus* Conrad 1842
 Devonian
- Spirifer lyra* Kutorqa 1844
 Permian
- Martiniopsis baschkirica* Tschernyschew 1907
 Permian
- Spirifer tibetanus* Diener 1897
 Permian
- Obolella desiderata* Billings 1862
 Cambrian-Ordovician
- Martinia simensis* Tschernyschew 1902
 Permian
- Pylonotus transversalis* Stehli 1954
 Permian
- Thecidea deslongchampsii* Davidson 1852
 Jurassic
- Ellipsothyris similis* Sahni 1925
 Cretaceous
- Leptobolus ovalis* Bassler 1919
 Ordovician
- Elliptostrophia elliptica* Havlicek 1963
 Devonian
- Elmaria glabra* Nalivkin 1947
 Devonian

- Elsaella Alichova 1960
Enteletacea Waagen 1884
- Elymospirifer Wang 1974
Spiriferacea King 1846
- Elythyna Rzonsnitzkaja 1952
Reticulariacea Waagen 1883
- Emanuella Grabau 1923
Cyrtiacea Fredericks 1924
- Emeithyris Xu 1978
Dielasmatacea Schuchert 1913
- Enallosia Cooper&Grant 1976
Cryptonellacea Thomson 1926
- Enantiosphen Whidborne 1893
Pentameracea McCoy 1844
- Enantiosphenella Johnson 1974
Pentameracea McCoy 1844
- Enchondrospirifer Brice 1970
Spiriferacea King 1846
- Enigmalosia Czarniecki 1969
Strophalosiacea Schuchert 1913
- Enteletella Licharew 1926
Enteletacea Waagen 1884
- Enteletes Fischer 1825
Enteletacea Waagen 1884
- Enteletina Schuchert&Cooper 1931
Enteletacea Waagen 1884
- Enteletoides Stuckenber 1905
Enteletacea Waagen 1884
- Eoamphistrophia Harper&Boucot 1978
Stropheodontacea Caster 1939
- Eoanastrophia Nikiforova et al 1973
Camerellacea Hall&Clarke 1894
- Eobrachythyris Brice 1970
Spiriferacea King 1846
- Eochonetes Reed 1917
Plectambonitacea Jones 1928
- Eochoristites Chu 1933
Spiriferacea King 1846
- Eocoelia Nikiforova 1961
Dayiacea Waagen 1883
- Eoconcha Cooper 1951
Rillingsellacea Schuchert 1893
- Eoconchidium Rozman 1967
Pentameracea McCoy 1844
- Eoconulus Cooper 1956
Craniacea Menke 1828
- Eocramatia Williams 1974
Plectambonitacea Jones 1928
- Bekkerella bekkeri Rosenstein 1943
Ordovician
- Indospirifer kwangsiensis Hou 1959
Devonian
- Elythyna salairica Rzonsnitzkaja 1952
Devonian
- Nucleospira takwanensis Kayser 1883
Devonian
- Emeithyris longmendongensis Xu 1978
Triassic
- Enallosia rotundovata Cooper&Grant 1976
Permian
- Meganteris vicaryi Davidson 1882
Devonian
- Enantiosphenella cybele Johnson 1974
Devonian
- Enchondrospirifer qhorensis Brice 1970
Devonian
- Enigmalosia sarytchevae Czarniecki 1969
Pennsylvanian
- Enteletella nikschtchi Licharew 1926
Permian
- Enteletes glabra Fischer 1830
Pennsylvanian-Permian
- Enteletes latesinuatus Waagen 1884
Pennsylvanian-Permian
- Enteletoides rossicus Stuckenber 1905
Pennsylvanian
- Amphistrophia whittardi Cocks 1967
Silurian
- Eoanastrophia antiquata Nikiforova et al 1973
Ordovician
- Eobrachythyris proovalis Brice 1970
Devonian
- Chonetes advena Reed 1917
Ordovician
- Eochoristites neipentaiensis Chu 1933
Mississippian
- Atrypa hemisphaerica Sowerby 1839
Silurian
- Eoconcha austini Cooper 1951
Cambrian
- Eoconchidium indigiricum Rozman 1967
Ordovician
- Eoconulus rectangulatus Cooper 1956
Ordovician
- Eocramatia dissimulata Williams 1974
Ordovician

- Eodallina* Elliott 1959
Terebratellacea King 1850
- Eodallina peruviana* Elliott 1959
Triassic
- Eodalmanella* Havlicek 1950
Enteletacea Waagen 1894
- Orthis socialis* Barrande 1879
Ordovician
- Eodevonaria* Breger 1906
Chonetacea Bronn 1862
- Chonetes arcuatus* Hall 1857
Devonian
- Eodinobolus* Rowell 1963
Trimerellacea Davidson & King 1872
- Obolellina magnifica* Billings 1872
Ordovician
- Eoglossinotoechia* Havlicek 1959
Rhynchonellacea Gray 1848
- Eoglossinotoechia cacuminata* Havlicek 1959
Silurian-Devonian
- Eqryphus* Hertlein & Grant 1944
Terebratellacea King 1850
- Eqryphus tolmanni* Hertlein & Grant 1944
Tertiary
- Eohemithiris* Hertlein & Grant 1944
Rhynchonellacea Gray 1848
- Eohemithiris alexi* Hertlein & Grant 1944
Tertiary-Recent
- Eohowellella* Lopushinskaja 1976
Reticulariacea Waagen 1893
- Eomartiniopsis minimus* Lopushinskaja 1965
Silurian
- Eokarpinskia* Pzonsnitzkaja 1964
Atrypacea Gill 1871
- Karpinskia nalivkini* Nikiforova 1937
Silurian
- Eokirkidium* Khodalevich & Sapelnikov 1970
Pentameracea McCoy 1844
- Eokirkidium jachteljaensis* Khodalevich et al 1970
Silurian
- Eolacazella* Elliott 1953
Thecideacea Gray 1840
- Thecidea affinis* Bosquet 1860
Cretaceous
- Eolissochonetes* Hoare 1960
Chonetacea Bronn 1862
- Chonetes laevis* Keyes 1888
Pennsylvanian
- Eolyttonia* Fredericks 1924
Lyttoniaceae Waagen 1893
- Oldhamina mira* Fredericks 1916
Pennsylvanian-Permian
- Eomarginifera* Muir-Wood 1930
Productacea Gray 1840
- Productus longispinus* Sowerby 1814
Carboniferous
- Eomarginiferina* Brunton 1966
Productacea Gray 1840
- Eomarginifera trispina* Brunton 1966
Mississippian
- Eomartiniopsis* Sokolskaja 1941
Reticulariacea Waagen 1883
- Eomartiniopsis elongata* Sokolskaja 1941
Carboniferous
- Eomegastrophia* Cocks 1967
Strophomenacea King 1846
- Meagastrophia ethica* Cocks 1967
Silurian
- Eobolus* Matthew 1902
Lingulacea Menke 1828
- Obolus triparilis* Matthew 1902
Cambrian-Ordovician
- Eoorthis* Walcott 1908
Orthacea Woodward 1852
- Orthis remnicha* Winchell 1886
Cambrian
- Eoparaphorhynchus* Sartenaer 1961
Rhynchonellacea Gray 1848
- Eoparaphorhynchus maclareni* Sartenaer 1961
Devonian
- Eoperegrinella* Ager 1964
Rhynchonellacea Gray 1848
- Hallorella crassicosata* Termier & Termier 1948
Devonian
- Eopholidostrophia* Harper et al 1967
Strophomenacea King 1846
- Stropheodonta sefinensis* Williams 1951
Ordovician-Silurian
- Eoplectodonta* Kozlowski 1929
Plectambonitacea Jones 1928
- Sowerbyella praecursor* Jones 1928
Ordovician-Silurian
- Eoplicanoplia* Boucot & Harper 1968
Chonetacea Bronn 1862
- Chonetes colliculus* Foerste 1909
Silurian

- Eoreticularia* Nalivkin 1924
 Reticulariaceae Waagen 1883
- Eorhipidomella* Hints 1971
 Enteleteacea Waagen 1884
- Eoschuchertella* Gratsianova 1974
 Davidsoniaceae King 1850
- Eoseptaliphoria* Ching&Sun 1976
 Rhynchonellaceae Gray 1848
- Eosophragmophora* Wang 1974
 Enteleteacea Waagen 1884
- Eosotrematorthis* Wang 1955
 Billingsellaceae Schuchert 1893
- Eospinatrypa* Copper 1973
 Atrypaceae Gill 1871
- Eospirifer* Schuchert 1913
 Cyrtiaceae Fredericks 1924
- Eospiriferina* Grabau 1931
 Spiriferaceae King 1846
- Eospirigerina* Boucot&Johnson 1967
 Atrypaceae Gill 1871
- Eostrophalosia* Stainbrook 1943
 Strophalosiaceae Schuchert 1913
- Eostropheodonta* Bancroft 1949
 Strophomenaceae King 1846
- Eostrophomena* Walcott 1905
 Orthaceae Woodward 1852
- Eostrophonella* Williams 1950
 Strophomenaceae King 1846
- Eosyringothyris* Stainbrook 1943
 Spiriferaceae King 1846
- Eousella* Ovtsharenko 1976
 Zeilleriaceae Allan 1940
- Ehippelasma* Cooper 1956
 Acrotretaceae Schuchert 1893
- Epicelia* Grant 1972
 Strophalosiaceae Schuchert 1913
- Epicyrta* Deslongchamps 1884
 Zeilleriaceae Allan 1940
- Epithyris* Phillips 1841
 Terebratulaceae Gray 1840
- Epithyroides* Xu 1978
 Dielasmataceae Schuchert 1913
- Epitomyonia* Wright 1968
 Enteleteacea Waagen 1884
- Equirostra* Cooper&Muir-Wood 1951
 Porambonitaceae Davidson 1853
- Erectocephalus* Xian 1978
 Stringocephalaceae King 1850
- Spirifer* *indifferens* Barrande 1847
 Devonian
- Eorhipidomella* *ovalis* Hints 1971
 Ordovician
- Eoschuchertella* *popovi* Gratsianova 1974
 Devonian
- Eoseptaliphoria* *tulungensis* Ching&Sun 1976
 Triassic
- Eosophragmophora* *sinensis* Wang 1974
 Devonian
- Eosotrematorthis* *sinensis* Wang 1955
 Ordovician
- Atrypa* *nodostriata* Hall 1852
 Devonian
- Spirifer* *radiatus* Sowerby 1840
 Silurian-Devonian
- Spiriferina* *lachrymosa* Grabau 1931
 Devonian
- Atrypa* *praemarginalis* Savage 1913
 Ordovician-Silurian
- Strophalosia* *rockfordensis* Hall&Clarke 1893
 Devonian
- Orthis* *hirnantensis* McCoy 1851
 Ordovician-Silurian
- Strophomena* *elegantula* Walcott 1905
 Ordovician
- Strophonella* *davidsoni* Høltedahl 1916
 Silurian
- Spirifer* *aspera* Hall 1858
 Devonian
- Gusarella* *moissejevi* Pojhariskaja 1968
 Jurassic
- Ehippelasma* *minutum* Cooper 1956
 Ordovician
- Epicelia* *episcopiensis* Grant 1972
 Permian
- Terebratula* *eugenii* Buch 1850
 Jurassic
- Terebratula* *maxillata* Sowerby 1823
 Jurassic
- Epithyroides* *zhonghuaensis* Xu 1978
 Triassic
- Epitomyonia* *glypha* Wright 1968
 Ordovician
- Terebratulites* *aequirostris* Schlotheim 1820
 Ordovician
- Frectocephalus* *trigonus* Xian 1978
 Devonian

- Eremithyris* Brugge 1973
 Dielasmatacea Schuchert 1913
- Eremotoechia* Cooper 1956
 Clitambonitacea Winchell&Schuchert 1993
- Eremotrema* Cooper 1956
 Enteletacea Waaqen 1884
- Ericiattia* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Eridmatus* Branson 1966
 Spiriferacea King 1846
- Eridorthis* Foerste 1907
 Orthacea Woodward 1852
- Erymnaia* Cooper 1959
 Rhynchonellacea Gray 1848
- Erymnia* Cooper 1977
 Terebratulacea Gray 1840
- Espella* Nilova 1965
 Cyrtiacea Fredericks 1924
- Estlandia* Schuchert&Cooper 1931
 Gonambonitacea Schuchert&Cooper 1931
- Estonirhynchia* Schmidt 1954
 Rhynchonellacea Gray 1848
- Etheridgina* Oehlert 1887
 Productacea Gray 1840
- Etyothyris* Cloud 1942
 Stringocephalacea King 1850
- Eucalathis* Fischer&Oehlert 1890
 Terebratulacea Gray 1840
- Eucharitina* Schmidt 1955
 Rhynchonellacea Gray 1848
- Eudesella* Munier-Chalmas 1880
 Thecideacea Gray 1840
- Eudesia* King 1850
 Zeilleriaceae Allan 1940
- Eudesites* Rioult 1966
 Cancellothyridacea Thomson 1926
- Eudoxina* Fredericks 1929
 Spiriferacea King 1846
- Euidothyris* Buckman 1917
 Terebratulacea Gray 1840
- Eumetabolotoechia* Sartenaer 1975
 Rhynchonellacea Gray 1848
- Eumetria* Hall 1863
 Retziacea Waaqen 1883
- Eunella* Hall&Clarke 1993
 Dielasmatacea Schuchert 1913
- Euorthisina* Havlicek 1950
 Uncertain
- Eremithyris muhlbergensis* Brugge 1973
 Permian
- Eremotoechia cloudi* Cooper 1956
 Ordovician
- Eremotrema biconvexum* Cooper 1956
 Ordovician
- Productus newberryi* Hall 1857
 Mississippian
- Spirifer texanus* Meek 1871
 Pennsylvanian-Permian
- Plectorthis nicklesi* Foerste 1909
 Ordovician-Silurian
- Terebratula polymorpha* Massalongo 1850
 Tertiary
- Erymnia muralifera* Cooper 1977
 Recent
- Espella kazachstanica* Nilova 1965
 Silurian
- Orthisina marginata* Pahlen 1877
 Ordovician
- Sphaerirhynchia estonica* Schmidt 1954
 Silurian
- Productus complectens* Etheridge 1876
 Mississippian
- Pensselaeria ovoides* Clarke 1907
 Devonian
- Terebratulina murrayi* Davidson 1878
 Tertiary-Recent
- Terebratula eucharis* Barrande 1847
 Devonian
- Thecidea mayalis* Deslongchamps 1853
 Jurassic
- Terebratula orbicularis* Sowerby 1826
 Jurassic
- Eudesites deslongchampsii* Rioult 1966
 Jurassic
- Spirifer medius* Lebedev 1912
 Mississippian
- Terebratula euides* Buckman 1886
 Jurassic
- Leiorhynchus huronensis* Nicholson 1874
 Devonian
- Retzia vera* Hall 1858
 Mississippian
- Terebratula sullivanti* Hall 1867
 Devonian
- Orthisina moesta* Barrande 1879
 Ordovician

- Euractinella* Pittner 1890
 Athyridacea McCoy 1844
- Eurekaspirifer* Johnson 1966
 Delthyridacea Phillips 1841
- Eurycoloorhynchus* Sartenaer 1968
 Rhynchonellacea Gray 1848
- Euryspirifer* Wedekind 1926
 Spiriferacea King 1846
- Eurytatospirifer* Gatinaud 1949
 Spiriferacea King 1846
- Eurythyris* Cloud 1942
 Stringocephalacea King 1850
- Eurytreta* Rowell 1966
 Acrotretacea Schuchert 1893
- Euxinella* Moisseiev 1936
 Rhynchonellacea Gray 1848
- Evanesicrostrum* Sartenaer 1965
 Rhynchonellacea Gray 1848
- Evenkina* Andreeva 1961
 Orthacea Woodward 1852
- Evenkinorthis* Yadrenkina 1977
 Orthacea Woodward 1852
- Evenkorhynchia* Rozman 1969
 Rhynchonellacea Gray 1848
- Exatrypa* Copper 1967
 Atrypacea Gill 1871
- Excavatorhynchia* Jin&Fang 1977
 Rhynchonellacea Gray 1848
- Exceptothyris* Sucic-Protic 1971
 Loboiodothyridacea Makridin 1964
- Faksethyris* Asgaard 1971
 Terebratulacea Gray 1840
- Falafer* Grant 1972
 Strophalosiacea Schuchert 1913
- Fallax* Atkins 1960
 Terebratellacea King 1850
- Fallaxispirifer* Su 1976
 Reticulariacea Waagen 1883
- Falsatrypa* Havlicek 1956
 Atrypacea Gill 1871
- Famatinorthis* Levy&Nullo 1973
 Orthacea Woodward 1852
- Fardenia* Lamont 1935
 Davidsoniacea King 1850
- Fascicosta* Stehli 1955
 Rhynchonellacea Gray 1848
- Fascicostella* Schuchert&Cooper 1931
 Enteleteacea Waagen 1884
- Terebratula* contraplecta Munster 1841
 Triassic
- Spirifer* pinonensis Meek 1870
 Devonian
- Pugnax* pugnus Schmidt 1941
 Devonian
- Terebratulites* paradoxus Schlotheim 1813
 Devonian
- Spirifer* disjunctus Sowerby 1840
 Devonian
- Oriskania* lucerna Schuchert 1913
 Devonian
- Acrotreta* curvata Walcott 1902
 Ordovician
- Euxinella* iatirovantaensis Moisseiev 1936
 Triassic
- Nudirostra* gibbosa McLaren 1954
 Devonian
- Evenkina* anabarensis Andreeva 1961
 Ordovician
- Evenkinorthis* dualis Yadrenkina 1977
 Ordovician
- Rostricellula* dichotomians Rozman 1968
 Ordovician
- Terebratulites* explanatus Schlotheim 1820
 Devonian
- Rhynchonella* raxana Pittner 1890
 Triassic
- Exceptothyris* expressa Sucic-Protic 1971
 Jurassic
- Terebratula* nielseni Asgaard 1971
 Tertiary
- Falafer* epidelus Grant 1972
 Permian
- Fallax* dalliniformis Atkins 1960
 Recent
- Spirifer* pseudofallax Khalifin 1935
 Devonian
- Falsatrypa* admiranda Havlicek 1956
 Devonian
- Famatinorthis* turneri Levy&Nullo 1973
 Ordovician
- Fardenia* scottica Lamont 1935
 Ordovician-Silurian
- Rhynchonella* longaeva Girty 1909
 Permian
- Strophomenes* gervillii DeFrance 1827
 Silurian-Devonian

- Fasciculina* Cooper 1952
Orthacea Woodward 1852
- Fascifera* Ulrich&Cooper 1942
Enteletacea Waagen 1834
- Fascistropheodonta* Harper&Roucot 1978
Stropheodontacea Caster 1939
- Fascizetina* Havlicek 1975
Enteletacea Waagen 1834
- Felinotoechia* Havlicek 1951
Rhynchonellacea Gray 1848
- Fenestrirostra* Cooper 1955
Rhynchonellacea Gray 1848
- Fenxiangella* Wang 1978
Strophomenacea King 1846
- Ferganella* Nikiforova 1937
Rhynchonellacea Gray 1848
- Ferganoproductus* Galitzkaja 1977
Productacea Gray 1847
- Ferrax* Havlicek 1975
Orthacea Woodward 1852
- Ferrythyris* Almeras 1971
Terebratulacea Gray 1847
- Fezzanoqlossa* Havlicek 1973
Lingulacea Menke 1828
- Ffynnonia* Neuman&Bates 1978
Orthacea Woodward 1952
- Fibulistrophia* Garcia-Alcalde 1977
Stropheodontacea Caster 1939
- Fidespirifer* Ljaschenko 1973
Spiriferacea King 1846
- Filiconcha* Dear 1969
Productacea Gray 1847
- Fimbrinia* Cooper 1972
Productacea Gray 1847
- Fimbriothyris* Deslongchamps 1884
Zeilleriacea Allan 1940
- Fimbrispirifer* Cooper 1942
Spiriferacea King 1846
- Finkelburzia* Walcott 1905
Orthacea Woodward 1852
- Fissirhynchia* Pearson 1977
Rhynchonellacea Gray 1848
- Fissurirostra* Orbnign 1847
Terebratellacea King 1850
- Fistulogonites* Neuman 1971
Clitambonitacea Winchell&Schuchert 1893
- Fitzroyella* Veevers 1959
Rhynchonellacea Gray 1848
- Orthis desmopleura* Meek 1872
Cambrian
- Fascifera subcarinata* Ulrich&Cooper 1942
Ordovician
- Orthis sedgwicki* Archiac&Verneuil 1842
Devonian
- Orthis gervillei* Oehlert 1888
Devonian
- Atryoa astuta* Barrande 1879
Silurian-Devonian
- Rhynchonella glacialis* Billings 1862
Silurian
- Fenxiangella deltoides* Wang 1978
Ordovician
- Ferganella turkestanica* Nikiforova 1937
Silurian-Devonian
- Productus ferganensis* Janischewsky 1918
Mississippian
- Prantlina oolitica* Havlicek 1949
Ordovician
- Terebratula ferryi* Deslongchamps 1861
Jurassic
- Fezzanoqlossa fezzanica* Havlicek 1973
Ordovician
- Pleurothis costatus* Rates 1968
Ordovician
- Fibulistrophia fibula* Garcia-Alcalde 1972
Devonian
- Fidespirifer striatus* Ljaschenko 1973
Devonian
- Filiconcha hillae* Dear 1969
Permian
- Overtonia plummeri* King 1938
Pennsylvanian-Permian
- Fimbriothyris delancei* Mancenido 1978
Jurassic
- Spirifer venustus* Hall 1860
Devonian
- Finkelburzia finkelburzai* Walcott 1905
Cambrian-Ordovician
- Rhynchonella fissicostata* Suess 1854
Triassic-Jurassic
- Terebratula recurva* DeFrance 1828
Cretaceous
- Fistulogonites novaterrensis* Neuman 1971
Ordovician
- Fitzroyella primula* Veevers 1959
Devonian

- Flabellirhynchia* Buckman 1917
Rhynchonellacea Gray 1848
- Flabellocyrtia* Chorowicz&Termier 1975
Suessiacea Waagen 1883
- Flabellothyris* Deslonqchamps 1884
Zeilleriaceae Allan 1940
- Flabellulirostrum* Sartenaer 1971
Rhynchonellacea Gray 1848
- Fletcherithyris* Campbell 1965
Dielasmatacea Schuchert 1913
- Fletcherithyroides* Dagys 1977
Dielasmatacea Schuchert 1913
- Flexaria* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Fluctuaria* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Foliomena* Havlicek 1952
Strophomenacea King 1846
- Fordinia* Walcott 1908
Lingulacea Menke 1828
- Forma* Gregorio 1930
Richtofeniacea Waagen 1885
- Formosarhynchia* Seifert 1963
Rhynchonellacea Gray 1848
- Fossatrypa* Mizens et al 1979
Atrypacea Gill 1871
- Foveola* Gorjansky 1969
Lingulacea Menke 1828
- Franklinella* Lenz 1973
Rhynchonellacea Gray 1848
- Fredericksia* Paeckelmann 1931
Reticulariaceae Waagen 1883
- Frenula* Dall 1871
Terebratellacea King 1850
- Frenulina* Dall 1895
Terebratellacea King 1850
- Frieleia* Dall 1895
Rhynchonellacea Gray 1848
- Fulcriphoria* Carls 1974
Enteletacea Waagen 1884
- Furcirhynchia* Buckman 1917
Rhynchonellacea Gray 1848
- Furcitella* Cooper 1956
Strophomenacea King 1846
- Fusella* McCoy 1844
Spiriferacea King 1846
- Fusiproductus* Waterhouse 1975
Productacea Gray 1840
- Rhynchonella* lycettii Davidson 1852
Jurassic
- Flabellocyrtia* flabellulum Chorowicz&Termier 1975
Triassic
- Terebratula* flabellum DeFrance 1828
Jurassic
- Uncinulus* wolmericus Veevers 1959
Devonian
- Terebratula* amygdala Dana 1847
Permian
- Fletcherithyroides* gregarius Dagys 1977
Triassic
- Productus* arkansanus Girty 1910
Mississippian
- Productus* undatus DeFrance 1826
Mississippian
- Strophomena* folium Barrande 1879
Ordovician
- Obolus* perfectus Walcott 1908
Cambrian
- Forma* tipica Gregorio 1930
Permian
- Formosarhynchia* formosa Seifert 1963
Jurassic
- Punctatrypa* fossa Breivel 1959
Devonian
- Foveola* maarduensis Gorjansky 1969
Ordovician
- Franklinella* pedderi Lenz 1973
Devonian
- Spiriferina* simensis Tschernyschew 1902
Permian
- Frenula* jeffreysii hall 1871
Tertiary-Recent
- Anomia* sanguinolenta Gmelin 1792
Recent
- Frieleia* halli Dall 1895
Recent
- Fulcriphoria* navarrae Carls 1974
Devonian
- Furcirhynchia* furcata Buckman 1917
Triassic-Jurassic
- Furcitella* plicata Cooper 1956
Ordovician-Silurian
- Spirifera* fusiformis Phillips 1836
Mississippian
- Linoproductus* fusiformis Huang 1932
Permian

- Fusirhynchia* Dapys 1969
 Rhynchonellacea Gray 1848
- Fusispirifer* Waterhouse 1966
 Spiriferacea King 1846
- Gacella* Williams 1962
 Davidsoniacea King 1850
- Gacina* Stehli 1961
 Stringocephalacea King 1850
- Gagriella* Moisseiev 1939
 Rhynchonellacea Gray 1848
- Galateastrophia* Harper & Boucot 1978
 Stropheodontacea Caster 1939
- Galeatella* Muir-Wood & Cooper 1960
 Productacea Gray 1840
- Galeatellina* Sapelnikov et al 1976
 Pentameracea McCoy 1844
- Galliennithyris* Pollet 1966
 Terebratulacea Gray 1840
- Gamdaella* Miloradovich 1947
 Uncertain
- Gamonetes* Isaacson 1977
 Chonetacea Bronn 1862
- Gamphalosis* Stainbrook 1945
 Strophomenacea King 1846
- Gasconsia* Northrop 1939
 Uncertain
- Gaspesia* Clarke 1907
 Uncertain
- Gastrodotoechia* Sartenaer 1965
 Rhynchonellacea Gray 1848
- Gefonia* Licharew 1936
 Dielasmatacea Schuchert 1913
- Gegenella* Lee & Gu 1976
 Davidsoniacea King 1850
- Gelidorthidina* Havlicek 1974
 Orthacea Woodward 1852
- Gelidorthis* Havlicek 1968
 Orthacea Woodward 1852
- Gemerithyris* Siblik 1977
 Zeilleriacea Allan 1940
- Gemmarcula* Elliott 1947
 Terebratellacea King 1850
- Gemmellaroia* Cossmann 1898
 Richthofeniacea Waagen 1885
- Gemmellaroella* Mabuti 1937
 Richthofeniacea Waagen 1885
- Gemmulicosta* Waterhouse 1971
 Productacea Gray 1840
- Rhynchonella micropteryx* Eichwald 1865
 Triassic
- Spirifer nitiensis* Diener 1897
 Permian
- Gacella insolita* Williams 1962
 Ordovician
- Gacina moorefieldensis* Stehli 1961
 Mississippian
- Gagriella abhasiaensis* Moisseiev 1939
 Cretaceous
- Stropheodonta galatea* Billings 1874
 Devonian
- Galeatella galeata* Muir-Wood & Cooper 1960
 Devonian
- Galeatella kajnarensis* Sapelnikov et al 1975
 Ordovician
- Terebratula galliennei* Orbigny 1847
 Jurassic
- Gamdaella olgae* Miloradovich 1947
 Permian
- Gamonetes anteloi* Isaacson 1977
 Devonian
- Gamphalosis tenuissima* Stainbrook 1945
 Devonian
- Gasconsia schucherti* Northrop 1939
 Silurian
- Orthis aurelia* Billings 1874
 Devonian
- Leiorhynchus utahensis* Kindle 1908
 Devonian
- Aulacothyris cubanica* Tschernyschew 1902
 Permian
- Gegenella qeqenensis* Lee & Gu 1976
 Permian
- Orthis sanctoivanensis* Barrande 1879
 Silurian
- Orthis partita* Barrande 1879
 Ordovician
- Waldheimia supina* Balogh 1940
 Triassic
- Gemmarcula aurea* Elliott 1947
 Cretaceous
- Megarhynchus marii* Gemmellaro 1894
 Permian
- Gemmellaroella ozawa* Mabuti 1937
 Permian
- Gemmulicosta gemma* Waterhouse 1971
 Pennsylvanian

- Geniculifera* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Geniculomclearnites* Harper&Boucot 1978
 Stropheodontacea Caster 1939
- Georgethyris* Minato 1953
 Reticulariacea Waagen 1883
- Geranocephalus* Crickmay 1954
 Stringocephalacea King 1850
- Gerassimovia* Licharew 1956
 Rhynchonellacea Gray 1848
- Gerothyris* Struve 1970
 Reticulariacea Waagen 1883
- Geyerella* Schellwien 1900
 Derbyiaceae Stehli 1954
- Gibberostrophia* Harper&Boucot 1978
 Stropheodontacea Caster 1939
- Gibbirhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Gibbithyris* Sahni 1925
 Terebratulacea Gray 1840
- Gibbochonetes* Aisenverg 1971
 Chonetacea Bronn 1862
- Gibbospirifer* Waterhouse 1971
 Spiriferacea King 1946
- Gigantoproductus* Prentice 1950
 Productacea Gray 1840
- Gigantorhynchus* Sapelnikov&Malygina 1977
 Rhynchonellacea Gray 1848
- Gigantothyris* Seifert 1963
 Terebratulacea Gray 1840
- Gilledia* Stehli 1961
 Dielasmatacea Schuchert 1913
- Giraldibella* Havlicek 1977
 Orthacea Woodward 1852
- Giraldiella* Bancroft 1949
 Orthacea Woodward 1852
- Girlasia* Gregorio 1930
 Strophalosiacea Schuchert 1913
- Girtyella* Weller 1911
 Dielasmatacea Schuchert 1913
- Gisilina* Steinich 1963
 Terebratulacea Gray 1840
- Gjelispinifera* Ivanova 1975
 Spiriferinacea Davidson 1884
- Glabrichonetina* Waterhouse 1978
 Chonetacea Bronn 1862
- Glaciarcula* Flliott 1956
 Terebratellacea King 1850
- Avonia boonensis* Branson 1938
 Mississippian
- Mclearnites genicularia* Harper&Boucot 1978
 Devonian
- Reticularia alexandri* George 1932
 Mississippian
- Geranocephalus inopinus* Crickmay 1954
 Devonian
- Gerassimovia gefoensis* Licharew 1956
 Permian
- Spirifer laevigatus* Quenstedt 1871
 Devonian
- Geyerella gemellaroi* Schellwien 1900
 Pennsylvanian-Permian
- Stropheodonta gibbera* Amsden 1958
 Devonian
- Gibbirhynchia gibbosa* Buckman 1917
 Jurassic
- Gibbithyris gibba* Sahni 1925
 Cretaceous
- Delepineia forniculata* Aisenverg 1971
 Pennsylvanian
- Gibbospirifer ettrainensis* Waterhouse 1971
 Pennsylvanian
- Productus giganteus* Sowerby 1822
 Mississippian
- Gigantorhynchus dubius* Sapelnikov et al 1977
 Devonian
- Gigantothyris gigantea* Seifert 1963
 Jurassic
- Terebratula cymbaeformis* Morris 1845
 Permian
- Giraldiella bella* Bergstrom 1968
 Ordovician-Silurian
- Orthis protensa* Sowerby 1839
 Silurian
- Strophalosisia superelegans* Gregorio 1930
 Permian
- Hartina indianensis* Girty 1908
 Mississippian
- Terebratulina gisii* Roemer 1841
 Cretaceous
- Gjelispinifera gerasimovi* Ivanova 1975
 Pennsylvanian
- Glabrichonetina kuwaensis* Waterhouse 1978
 Permian
- Terebratella spitzbergensis* Davidson 1852
 Recent

- Gladiostrophia* Havlicek 1967
 Strophomenacea King 1846
- Glassia* Davidson 1881
 Atrypacea Gill 1871
- Glassina* Hall&Clarke 1893
 Athyridacea McCoy 1944
- Glazewskia* Pajaud 1964
 Thecidacea Gray 1840
- Glendonina* McClung&Armstrong 1978
 Martiniacea Waaqen 1883
- Globiella* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Globirhynchia* Ruckman 1917
 Rhynchonellacea Gray 1848
- Globispirifer* Tachibana 1964
 Spiriferacea King 1846
- Globithyris* Cloud 1942
 Stringocephalacea King 1850
- Globosobucina* Waterhouse&Piyasin 1970
 Richthofeniacea Waaqen 1885
- Globosochonetes* Brunton 1968
 Chonetacea Bronn 1862
- Glossella* Cooper 1956
 Lingulacea Menke 1828
- Glosseudesia* Lobatscheva 1974
 Terebratellacea King 1850
- Glosshypothyridina* Rzonstnizkaja 1978
 Rhynchonellacea Gray 1848
- Glossinotoechia* Havlicek 1959
 Rhynchonellacea Gray 1848
- Glossinulina* Johnson 1975
 Rhynchonellacea Gray 1848
- Glossinulus* Schmidt 1942
 Rhynchonellacea Gray 1848
- Glossoleptaena* Havlicek 1967
 Strophomenacea King 1846
- Glossorthis* Opik 1930
 Orthacea Woodward 1852
- Glossothyropsis* Girty 1934
 Cryptonellacea Thomson 1926
- Glottidia* Hall 1870
 Lingulacea Menke 1828
- Glyptacrothela* Termier&Termier 1974
 Acrotretacea Schuchert 1893
- Glyptambonites* Cooper 1956
 Plectambonitacea Jones 1928
- Glypterina* Boucot 1970
 Orthacea Woodward 1852
- Leptaena verneuili* Barrande 1848
 Devonian
- Atrypa obovata* Sowerby 1839
 Silurian-Devonian
- Terebratula laeviuscula* Sowerby 1839
 Silurian
- Glazewskia demarcui* Pajaud 1964
 Tertiary
- Glendonina ulladullensis* McClung&Armstrong 1978
 Permian
- Productus hemisphaerium* Kutorga 1844
 Permian
- Rhynchonella subobsoleta* Davidson 1852
 Jurassic
- Spirifer nagasakensis* Tachibana 1956
 Mississippian
- Rensselaeria callida* Clarke 1907
 Devonian
- Globosobucina scopae* Waterhouse&Piyasin 1970
 Permian
- Globosochonetes parseptus* Brunton 1968
 Mississippian
- Glossella papillosa* Cooper 1956
 Ordovician
- Terebratula semistriata* DeFrance 1828
 Cretaceous
- Rhynchonella procuboides* Kayser 1871
 Devonian
- Terebratula henrici* Barrande 1847
 Devonian
- Glossinulina khodalevichi* Johnson 1975
 Devonian
- Rhynchonella adolphi* Barrande 1879
 Devonian
- Strophomena emarginata* Barrande 1879
 Silurian
- Glossorthis tacens* Opik 1930
 Ordovician
- Cryptacanthia robusta* Girty 1934
 Permian
- Lingula albida* Hinds 1845
 Tertiary-Recent
- Glyptacrothela courtesolei* Termier&Termier 1974
 Cambrian
- Glyptambonites musculosus* Cooper 1956
 Ordovician
- Ptychopleurella rectanquilata* Cooper 1956
 Ordovician

- Glyptias* Walcott 1901
 Acrotretacea Schuchert 1893
- Glyptoqlossella* Cooper 1960
 Lingulacea Menke 1928
- Glyptomena* Cooper 1956
 Strophomenacea King 1846
- Glyptoria* Cooper 1976
 Protorthacea Cooper 1976
- Glyptorthis* Foerste 1914
 Orthacea Woodward 1852
- Glyptospirifer* Hou&Xian 1975
 Spiriferacea King 1846
- Glyptosteges* Cooper&Grant 1975
 Aulostegacea Muir-Wood&Cooper 1960
- Glyptotrophia* Ulrich&Cooper 1936
 Porambonitacea Davidson 1853
- Gmelinmagas* Marin&Larena 1964
 Terebratellacea King 1850
- Gnathorhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Goleomixa* Grant 1976
 Stenosismatacea Oehlert 1887
- Gonambonites* Pander 1830
 Gonambonitacea Schuchert&Cooper 1931
- Gondolina* Ching&Liao 1966
 Productacea Gray 1840
- Goniarina* Cooper&Grant 1969
 Orthotetacea Waagen 1884
- Goniocoelia* Hall 1861
 Athyridacea McCoy 1844
- Goniophoria* Janischewsky 1910
 Rhynchonellacea Gray 1848
- Goniorhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Goniothyris* Buckman 1917
 Terebratulacea Gray 1840
- Goniotrema* Ulrich&Cooper 1936
 Plectambonitacea Jones 1928
- Gorgostrophia* Havlicek 1967
 Strophomenacea King 1846
- Gotatrypa* Struve 1966
 Atrypacea Gill 1871
- Grabauellina* Licharew 1934
 Davidsoniacea King 1850
- Grabaucyrtiopsis* Gatinaud 1949
 Spiriferacea King 1846
- Grabauispirifer* Gatinaud 1949
 Spiriferacea King 1846
- Lingula favosa* Linnarsson 1869
 Cambrian
- Glyptoqlossa cavellosa* Cooper 1956
 Ordovician
- Glyptomena sculpturata* Cooper 1956
 Ordovician
- Glyptoria glypta* Cooper 1976
 Cambrian
- Orthis insculpta* Hall 1847
 Ordovician-Silurian
- Spirifer chui* Grabau 1931
 Devonian
- Glyptosteges intricatus* Cooper&Grant 1975
 Permian
- Glyptotrophia imbricata* Ulrich&Cooper 1936
 Ordovician
- Terebratella dorsata* Ortman 1902
 Tertiary
- Rhynchonella liostraca* Buckman 1886
 Jurassic
- Goleomixa acymata* Grant 1976
 Permian
- Gonambonites latus* Pander 1830
 Ordovician
- Gondolina weiningensis* Ching&Liao 1966
 Carboniferous
- Goniarina ovelodes* Cooper&Grant 1969
 Permian
- Goniocoelia unianqulata* Hall 1861
 Devonian
- Goniophoria monstrosa* Janischewsky 1910
 Mississippian-Permian
- Goniorhynchia goniaeae* Buckman 1917
 Jurassic
- Terebratula gravida* Szajnocha 1881
 Jurassic
- Goniotrema perplexum* Ulrich&Cooper 1936
 Ordovician
- Leptaena neutra* Barrande 1848
 Devonian
- Atrypa hedei* Struve 1966
 Silurian
- Derbyia mongolica* Grabau 1931
 Carboniferous-Permian
- Cyrtiopsis graciosa* Grabau 1923
 Devonian
- Spirifer archiaciformis* Grabau 1931
 Devonian-Mississippian

- Gracianella* Johnson&Boucot 1967
 Atrypacea Gill 1871
- Gracilotoechia* Baranov 1977
 Rhynchonellacea Gray 1848
- Grammetaria* Cooper 1959
 Rhynchonellacea Gray 1848
- Grammorhynchus* Roberts 1971
 Rhynchonellacea Gray 1848
- Grandaurispina* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Grandirhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Grandispirifer* Yan 1959
 Spiriferacea King 1846
- Grantonia* Brown 1953
 Spiriferacea King 1846
- Granulirhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Grasirhynchia* Owen 1968
 Rhynchonellacea Gray 1848
- Grayina* Boucot 1975
 Poraonitacea Davidson 1853
- Greenfieldia* Grabau 1910
 Athyridacea McCoy 1844
- Greenockia* Brown 1952
 Rhynchonellacea Gray 1848
- Grorudia* Spjeldnaes 1957
 Plectambonitacea Jones 1928
- Gruenewaldtia* Tschernyschew 1885
 Atrypacea Gill 1871
- Grumantia* Ustritsky 1963
 Davidsoniacea King 1850
- Gryphus* Megerle 1811
 Terebratulacea Gray 1840
- Guangshunia* Xian 1978
 Spiriferacea King 1846
- Guangxiispirifer* Xian 1978
 Spiriferacea King 1846
- Gubleria* Termier&Termier 1960
 Lyttoniacea Waagen 1883
- Guicyrtia* Wang&Zhu 1979
 Cyrtiacea Fredericks 1924
- Guizhouella* Yang 1978
 Productacea Gray 1840
- Gunnarella* Spjeldnaes 1957
 Strophomenacea King 1846
- Gunningblandella* Percival 1979
 Plectambonitacea Jones 1928
- Gracianella* *lissumbra* Johnson&Boucot 1967
 Silurian
- Gracilotoechia* *sinuata* Baranov 1977
 Devonian
- Hemithyris* *bartschi* Dall 1920
 Recent
- Camarotoechia* *eganensis* Veevers 1959
 Mississippian
- Grandaurispina* *kingorum* Muir-Wood&Cooper 1960
 Permian
- Grandirhynchia* *grandis* Buckman 1917
 Jurassic
- Grandispirifer* *mylkensis* Yan 1959
 Mississippian
- Grantonia* *hohartensis* Brown 1953
 Permian
- Rhynchonella* *granulata* Jpton 1905
 Jurassic
- Rhynchonella* *grasiana* Orbigny 1848
 Cretaceous
- Anastrophia* *magnifica* Kozłowski 1929
 Silurian
- Greenfieldia* *whitfieldi* Grabau 1910
 Silurian
- Greenockia* *snaringensis* Brown 1952
 Mississippian
- Grorudia* *grorudi* Spjeldnaes 1957
 Ordovician
- Terebratula* *latilinguis* Schnur 1851
 Devonian
- Streptorhynchus* *kempei* Andersson 1914
 Permian
- Anomia* *vitrea* Rorn 1778
 Tertiary-Recent
- Guangshunia* *pagodiformis* Xian 1978
 Devonian
- Guangxiispirifer* *subaequatus* Xian 1978
 Devonian
- Gubleria* *disjuncta* Termier&Termier 1960
 Permian
- Guicyrtia* *triangulata* Wang&Zhu 1979
 Devonian
- Guizhouella* *quizhouensis* Yang 1978
 Mississippian
- Strophomena* *delta* Spjeldnaes 1957
 Ordovician
- Gunningblandella* *resupinata* Percival 1979
 Ordovician

- Gusarella* Prosorovskaja 1962
 Zeilleriaceae Allan 1940
- Guseriplia* Dagys 1963
 Spiriferinacea Davidson 1884
- Guttasella* Neuman 1977
 Plectambonitacea Jones 1928
- Gwynia* King 1859
 Terebratellacea King 1850
- Gypidula* Hall 1867
 Pentameracea McCoy 1844
- Gypidulella* Khodalevich&Breivel 1959
 Pentameracea McCoy 1844
- Gypidulina* Rzonstnitzkaja 1956
 Pentameracea McCoy 1844
- Gypospirifer* Cooper&Grant 1976
 Spiriferacea King 1846
- Gyrosoria* Cooper 1973
 Cancellothyridacea Thomson 1926
- Gyrothyris* Thomson 1918
 Terebratellacea King 1850
- Hadorrhynchia* McLaren 1961
 Rhynchonellacea Gray 1848
- Hadrotreta* Rowell 1966
 Acrotretacea Schuchert 1893
- Hadyrhyncha* Havlicek 1979
 Rhynchonellacea Gray 1848
- Hagabirhynchia* Jefferies 1961
 Rhynchonellacea Gray 1848
- Hallina* Winchell&Schuchert 1892
 Atrypacea Gill 1871
- Halorella* Bittner 1884
 Rhynchonellacea Gray 1848
- Halorellina* Xu 1978
 Rhynchonellacea Gray 1848
- Halorelloidea* Ager 1960
 Rhynchonellacea Gray 1848
- Hamburgia* Weller 1911
 Dielasmatacea Schuchert 1913
- Hamletella* Hayasaka 1953
 Davidsoniacea King 1850
- Hamlingella* Reed 1943
 Productacea Gray 1840
- Hamptonina* Rollier 1919
 Terebratellacea King 1850
- Hanaeproductus* Ficner&Havlicek 1978
 Productacea Gray 1840
- Hansotreta* Krause&Rowell 1975
 Acrotretacea Schuchert 1893
- Zeilleria* gusarensis Moisseiev 1944
 Jurassic
- Guseriplia* multicostata Dagys 1963
 Triassic
- Guttasella* gutta Neuman 1977
 Ordovician
- Terebratula* capsula Jeffreys 1859
 Recent
- Gypidula* typicalis Amsden 1953
 Silurian-Devonian
- Gypidulella* pennatula Khodalevich&Breivel 1959
 Devonian
- Pentamerus* optatus Sarrande 1847
 Devonian
- Gypospirifer* nelsoni Cooper&Grant 1976
 Permian
- Terebratulites* gracilis Schlotheim 1813
 Cretaceous
- Gyrothyris* mawsoni Thomson 1918
 Tertiary-Recent
- Pugnoides* sandersoni Warren 1944
 Devonian
- Acrotreta* primaeva Walcott 1902
 Cambrian
- Hadyrhyncha* hadyensis Havlicek 1979
 Devonian
- Hagabirhynchia* arabica Jefferies 1961
 Triassic
- Hallina* saffordi Winchell&Schuchert 1892
 Ordovician
- Rhynchonella* amphitoma Bronn 1832
 Triassic
- Halorellina* zhonghuaensis Xu 1978
 Triassic
- Halorella* rectifrons Bittner 1884
 Triassic
- Hamburgia* typa Weller 1911
 Devonian-Mississippian
- Streptorhynchus* altus Hamlet 1928
 Permian
- Productella* goergesi Paeckelmann 1931
 Devonian-Mississippian
- Terebratella* buckmani Moore 1860
 Jurassic
- Productus* rittbergensis Quenstedt 1871
 Devonian
- Hansotreta* acrobela Krause&Rowell 1975
 Ordovician

- Hanusitrypa* Havlicek 1967
 Atrypacea Gill 1871
- Haplospirifer* Lee&Gu 1976
 Spiriferacea King 1846
- Harknessella* Reed 1917
 Enteletacea Waagen 1984
- Harpidium* Kirk 1925
 Pentameracea McCoy 1844
- Harringtonina* Boucot 1972
 Dayiacea Waagen 1888
- Harttella* Bell 1929
 Dielasmatacea Schuchert 1913
- Harttina* Hall&Clarke 1893
 Stringocephalacea King 1850
- Havlicekia* Boucot 1963
 Cyrtiacea Fredericks 1924
- Haydenella* Reed 1944
 Productacea Gray 1840
- Haydenoides* Chan 1977
 Productacea Gray 1840
- Hebertella* Hall&Clarke 1892
 Orthacea Woodward 1852
- Hebetoechia* Havlicek 1959
 Rhynchonellacea Gray 1848
- Hedeina* Boucot 1957
 Spiriferacea King 1846
- Hedstroemina* Bancroft 1929
 Strophomenacea King 1846
- Heimia* Haas 1990
 Terebratulacea Gray 1840
- Helaspis* Imbrie 1959
 Productacea Gray 1840
- Helenathyris* Alekseeva 1969
 Athyridacea McCoy 1844
- Helmersenia* Pander 1861
 Siphonotretacea Kutorga 1848
- Helvetella* Owen 1977
 Terebratellacea King 1850
- Hemileurus* Cooper&Grant 1976
 Rhynchonellacea Gray 1848
- Hemiplethorhynchus* Peetz 1898
 Rhynchonellacea Gray 1848
- Hemipronites* Pander 1830
 Clitambonitacea Winchell&Schuchert 1893
- Hemiptychina* Waagen 1892
 Dielasmatacea Schuchert 1913
- Hemithiris* Orbigny 1847
 Rhynchonellacea Gray 1848
- Hanusitrypa hanusi* Havlicek 1967
 Devonian
- Haplospirifer typicus* Lee&Gu 1976
 Permian
- Orthis vespertilio* Sowerby 1839
 Ordovician
- Harpidium insignis* Kirk 1925
 Silurian
- Leptocoelia acutiplicata* Kayser 1897
 Silurian
- Harttella parva* Bell 1929
 Mississippian
- Centronella anna* Hartt 1878
 Mississippian
- Spirifer secans* Barrande 1848
 Silurian-Devonian
- Productus kiangsiensis* Kayser 1883
 Permian
- Haydenoides orientalis* Chan 1977
 Permian
- Orthis sinuata* Hall 1847
 Ordovician
- Terebratula hebe* Barrande 1847
 Silurian-Devonian
- Anomia crista* Linne 1758
 Silurian
- Hedstroemina fragilis* Bancroft 1929
 Ordovician
- Terebratula mayeri* Choffat 1983
 Jurassic
- Helaspis luma* Imbrie 1959
 Devonian
- Helenathyris plana* Alekseeva 1969
 Devonian
- Siphonotreta ladogenis* Zheremzhev 1856
 Ordovician
- Terebratula arzierensis* Loriol 1864
 Cretaceous
- Hemileurus runcinatus* Cooper&Grant 1976
 Permian
- Hemiplethorhynchus fallax* Peetz 1898
 Mississippian
- Hemipronites tumida* Pander 1830
 Ordovician
- Terebratula himalayensis* Davidson 1862
 Permian
- Anomia psittacea* Gmelin 1790
 Tertiary-Recent

- Hemithyropsis Katz 1974
Rhynchonellacea Gray 1849
- Hemitoechia Nikiforova 1970
Rhynchonellacea Gray 1848
- Hercosestria Cooper&Grant 1969
Richthofeniacea Waagen 1885
- Hercosia Cooper&Grant 1969
Richthofeniacea Waagen 1885
- Hercostrophia Williams 1950
Strophomenacea King 1846
- Hercothyris Cooper 1979
Dallinacea Beecher 1893
- Hesperinia Cooper 1956
Strophomenacea King 1846
- Hesperithyris Dubar 1942
Terebratulacea Gray 1840
- Hesperomena Cooper 1956
Plectambonitacea Jones 1928
- Hesperonomia Ulrich&Cooper 1936
Orthacea Woodward 1852
- Hesperonomiella Ulrich&Cooper 1936
Orthacea Woodward 1852
- Hesperorhynchia Warren 1937
Rhynchonellacea Gray 1848
- Hesperorthis Schuchert&Cooper 1931
Orthacea Woodward 1852
- Hesperotrophia Ulrich&Cooper 1936
Plectambonitacea Davidson 1853
- Heteralosis King 1938
Strophalosiacea Schuchert 1913
- Heteraria Cooper&Grant 1976
Reticulariacea Waagen 1883
- Heterelasma Girty 1909
Cryptonellacea Thomson 1926
- Heterelasmina Licharew 1939
Dielasmatacea Schuchert 1913
- Heterorthella Harper,Roucot&Walmsley 1969
Enteletacea Waagen 1884
- Heterorthina Bancroft 1928
Enteletacea Waagen 1884
- Heterorthis Hall&Clarke 1892
Enteletacea Waagen 1884
- Himalairhynchia Ching&Sun 1976
Rhynchonellacea Gray 1848
- Hindella Davidson 1882
Athyridacea McCoy 1844
- Hipparionix Vanuxem 1842
Davidsoniacea King 1850
- Hemithyropsis globulosa Katz 1974
Cretaceous
- Hemitoechia distincta Nikiforova 1970
Silurian-Devonian
- Hercosestria cribrosa Cooper&Grant 1969
Permian
- Richthofenia uddeni Rose 1916
Permian
- Hercostrophia alpenensis Williams 1950
Devonian
- Hercothyris borroi Cooper 1979
Tertiary
- Hesperinia kirki Cooper 1956
Ordovician
- Terebratula renierii Catullo 1827
Jurassic
- Hesperomena leptellinoidea Cooper 1956
Ordovician
- Hesperonomia planidorsalis Ulrich&Cooper 1936
Ordovician
- Protorthis porcias Walcott 1924
Ordovician
- Hesperorhynchia superba Warren 1937
Cretaceous
- Orthis tricenaria Conrad 1843
Ordovician-Silurian
- Hesperotrophia obscura Ulrich&Cooper 1936
Ordovician
- Heteralosis slocomi King 1938
Mississippian-Permian
- Heteraria blakemorei Cooper&Grant 1976
Permian
- Heterelasma shumardianum Girty 1909
Permian
- Hemiptychina dieneri Gemmellaro 1899
Permian
- Heterorthella maehli Harper et al 1969
Silurian
- Heterorthina praeculta Bancroft 1928
Ordovician
- Orthis clytie Hall 1861
Ordovician
- Himalairhynchia media Ching&Sun 1976
Triassic
- Athyris umbonata Billings 1862
Silurian
- Hipparionix proximus Vanuxem 1842
Devonian

- Hircinisca* Havlicek 1960
 Rhynchonellacea Gray 1848
- Hirnantia* Lamont 1935
 Enteletacea Waagen 1884
- Hirsutella* Cooper&Muir-Wood 1951
 Suessiacea Waagen 1883
- Hisingerella* Henningsmoen 1948
 Acrotretacea Schuchert 1893
- Hispanirhynchia* Thomson 1927
 Rhynchonellacea Gray 1848
- Histosyrinx* Massa, Termier&Termier 1974
 Syringothyridacea Fredericks 1926
- Holcorhynchella* Dagens 1974
 Rhynchonellacea Gray 1848
- Holcorhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Holcospirifer* Bassett, Cocks&Holland 1976
 Spiriferacea King 1846
- Holcothyris* Buckman 1917
 Terebratulacea Gray 1848
- Hollardiella* Drot 1966
 Orthacea Woodward 1852
- Holorhynchus* Kiaer 1902
 Pentameracea McCoy 1844
- Holosia* Cooper&Grant 1976
 Rhynchonellacea Gray 1848
- Holotrucharina* Cooper&Grant 1975
 Productacea Gray 1840
- Holtedahlinia* Foerste 1924
 Strophomenacea King 1846
- Holynatrypa* Havlicek 1973
 Atrypacea Gill 1871
- Holynetes* Havlicek&Racheboeuf 1979
 Chonetacea Bronn 1862
- Homoeorhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Homoeospira* Hall&Clarke 1893
 Retziacea Waagen 1883
- Homoeospirella* Amsden 1968
 Retziacea Waagen 1883
- Homotreta* Bell 1941
 Acrotretacea Schuchert 1893
- Hontorialosia* Martinez 1979
 Strophalosiacea Schuchert 1913
- Horderleyella* Bancroft 1928
 Enteletacea Waagen 1884
- Horridonia* Chao 1927
 Productacea Gray 1840
- Atrypa hircina* Barrande 1879
 Silurian
- Orthis saqittifera* McCoy 1851
 Ordovician-Silurian
- Spirifer hirsutus* Alberti 1864
 Triassic
- Atrypa nitens* Hisinger 1838
 Ordovician
- Rhynchonella cornea* Fischer 1887
 Tertiary-Recent
- Histosyrinx vautreini* Massa et al 1974
 Carboniferous
- Rhynchonella delicatula* Bittner 1890
 Triassic
- Rhynchonella standishensis* Buckman 1901
 Triassic-Jurassic
- Spirifer bigugosus* McCoy 1846
 Silurian
- Holcothyris angulata* Buckman 1917
 Jurassic
- Hollardiella akkaensis* Drot 1966
 Devonian
- Holorhynchus giganteus* Kiaer 1902
 Ordovician
- Holosia regularis* Cooper&Grant 1976
 Permian
- Holotrucharina hirsuta* Cooper&Grant 1975
 Permian
- Leptaena sulcata* Verneuil 1848
 Ordovician
- Holynatrypa crucifera* Havlicek 1973
 Devonian
- Holynetes holynensis* Havlicek&Racheboeuf 1979
 Devonian
- Terebratula acuta* Sowerby 1816
 Jurassic
- Rhynchospira evax* Hall 1863
 Silurian
- Homoeospirella costatula* Amsden 1968
 Silurian
- Homotreta interrupta* Bell 1941
 Cambrian
- Hontorialosia uniplicata* Martinez 1979
 Carboniferous
- Horderleyella plicata* Bancroft 1928
 Ordovician
- Productus horridus* Sowerby 1822
 Permian

- Hoskingia* Campbell 1965
Dielasmatacea Schuchert 1913
- Howellella* Kozlowski 1946
Spiriferacea King 1846
- Howellites* Bancroft 1945
Enteletacea Waagen 1934
- Howittia* Talent 1956
Spiriferacea King 1846
- Howseia* Logan 1963
Strophalosiaceae Schuchert 1913
- Huenella* Walcott 1908
Porambonitacea Davidson 1853
- Huenellina* Schuchert&Cooper 1931
Porambonitacea Davidson 1853
- Hunanoproductus* Hou 1965
Productacea Gray 1840
- Hunanospirifer* Tien 1938
Spiriferacea King 1846
- Hungarispira* Dagys 1972
Retziacea Waagen 1883
- Hungaritheca* Dagys 1972
Davidsoniaceae King 1850
- Hustedia* Hall&Clarke 1893
Retziacea Waagen 1883
- Hustedtiella* Dagys 1972
Retziacea Waagen 1883
- Hyattidina* Schuchert 1913
Athyridacea McCoy 1844
- Hyborhynchella* Cooper 1955
Rhynchonellacea Gray 1848
- Hynniphoria* Suess 1859
Terebratellacea King 1850
- Hyponeatrypa* Struve 1966
Atrypacea Gill 1871
- Hypoosia* Cooper&Grant 1974
Orthotetacea Waagen 1884
- Hypothyridina* Ruckman 1906
Rhynchonellacea Gray 1848
- Hypseloterorhynchus* Sartenaer 1971
Rhynchonellacea Gray 1848
- Hypsiptycha* Wang 1949
Rhynchonellacea Gray 1848
- Hypsomyonia* Cooper 1955
Enteletacea Waagen 1884
- Hysterolites* Schlotheim 1820
Spiriferacea King 1846
- Hystriculina* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Dielasma* triqonopsis Hosking 1933
 Permian
- Terebratula* crispus Hisinger 1826
 Silurian-Devonian
- Resserella* striata Bancroft 1945
 Ordovician
- Spirifer* howitti Chapman 1905
 Devonian
- Productus* latirostratus Howse 1848
 Permian
- Syntrophia* texana Walcott 1905
 Cambrian
- Huenella* triplicata Walcott 1924
 Cambrian
- Hunanoproductus* hunanensis Hou 1965
 Mississippian
- Spirifer* wangi Tien 1938
 Devonian
- Retzia* aracanga Bittner 1912
 Triassic
- Thecospira* andreaei Rittner 1900
 Triassic
- Terebratula* mormoni Marcou 1858
 Mississippian-Permian
- Hustedtiella* planicosta Dagys 1972
 Triassic
- Atrypa* conquesta Conrad 1842
 Ordovician-Silurian
- Hyborhynchella* bransoni Cooper 1955
 Devonian
- Hynniphoria* globularis Suess 1859
 Jurassic
- Atrypa* aureolata Struve 1966
 Devonian
- Hypoosia* versuta Cooper&Grant 1974
 Permian
- Atrypa* cuboides Sowerby 1840
 Devonian
- Hypseloterorhynchus* pennatus Sartenaer 1971
 Devonian
- Hypsiptycha* hybrida Wang 1949
 Ordovician
- Hypsomyonia* stainbrookii Cooper 1955
 Devonian
- Hysterolites* hystericus Schlotheim 1820
 Devonian
- Hystriculina* texana Muir-Wood&Cooper 1960
 Pennsylvanian-Permian

- Iberirhynchia* Drot&Westbroek 1966
Rhynchonellacea Gray 1848
- Iberithyris* Kvakhadze 1972
Terebratulacea Gray 1840
- Icodonta* Bell 1941
Paterinacea Schuchert 1893
- Idioglyptus* Northrop 1939
Strophomenacea King 1846
- Idiorthis* McLearn 1924
Enteletacea Waagen 1884
- Idiospira* Cooper 1956
Atrypacea Gill 1871
- Idiostrophia* Ulrich&Cooper 1936
Porambonitacea Davidson 1853
- Iheringithyris* Levy 1961
Terebratellacea King 1850
- Ikella* Tjazheva 1972
Uncertain
- Ilmarinia* Opik 1934
Clitambonitacea Winchell&Schuchert 1893
- Ilmenia* Nalivkin 1941
Cyrtiacea Fredericks 1924
- Ilmenispina* Havlicek 1959
Cyrtiacea Fredericks 1924
- Ilmospirifer* Ljaschenko 1969
Uncertain
- Ilyinella* Jassjukevitch 1973
Terebratulacea Gray 1840
- Imatrypa* Havlicek 1977
Atrypacea Gill 1871
- Imbrexia* Nalivkin 1937
Spiriferacea King 1846
- Imbricatia* Cooper 1952
Porambonitacea Davidson 1853
- Imperia* Gregorio 1930
Lyttoniaceae Waagen 1883
- Implexina* Poletaev 1971
Reticulariaceae Waagen 1883
- Inaequalis* Sucic-Protic 1971
Loboidothyridacea Makridin 1964
- Incisus* Grant 1976
Productacea Gray 1840
- Independatrypa* Copper 1973
Atrypacea Gill 1871
- Indigia* Barchatova 1973
Productacea Gray 1840
- Indorhynchia* Ovtsharenko 1975
Rhynchonellacea Gray 1848
- Iberirhynchia* santaluciensis Drot&Westbroek 1966
Devonian
- Iberithyris* rioniensis Kvakhadze 1972
Cretaceous
- Icodonta* typica Bell 1941
Cambrian
- Idioglyptus* stigmatus Northrop 1939
Silurian
- Idiorthis* matura McLearn 1924
Silurian
- Camerella* panderi Billings 1859
Ordovician-Silurian
- Idiostrophia* perfecta Ulrich&Cooper 1936
Ordovician
- Magellania* ameghinoi Ihering 1903
Tertiary
- Ikella* numerosa Tjazheva 1972
Devonian
- Orthisina* sinuata Pahlen 1877
Ordovician
- Ilmenia* altovae Nalivkin 1941
Devonian
- Ilmenispina* hanaica Havlicek 1959
Devonian
- Ilmospirifer* graciosus Ljaschenko 1969
Devonian
- Ilyinella* mangyschlakensis Jassjukevitch 1973
Tertiary
- Imatrypa* infima Havlicek 1977
Devonian
- Spirifer* imbrex Hall 1858
Mississippian
- Imbricatia* lamellata Cooper 1952
Ordovician
- Lyttonia* princeps Gregorio 1930
Permian
- Spirifer* implex Rotai 1931
Pennsylvanian
- Inaequalis* dubari Sucic-Protic 1971
Jurassic
- Incisus* concisus Grant 1976
Permian
- Atrypa* independensis Webster 1921
Devonian
- Indigia* ilibeica Barchatova 1973
Permian
- Indorhynchia* subtrigonalis Ovtsharenko 1975
Jurassic

- Indospirifer* Grabau 1931
Spiriferaceae King 1846
- Inflatia* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Ingelarella* Campbell 1959
Reticulariaceae Waaqen 1883
- Ingria* Opik 1930
Plectambonitacea Jones 1928
- Iniathyris* Pesnossova 1963
Athyridacea McCoy 1844
- Innuitella* Crickmay 1968
Rhynchonellacea Gray 1848
- Inopinatarcula* Elliott 1952
Terebratulacea Gray 1840
- Institella* Cooper 1942
Aulosteacea Muir-Wood&Cooper 1960
- Institifera* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Institina* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Inversella* Opik 1933
Plectambonitacea Jones 1928
- Inversithyris* Dagys 1968
Terebratulacea Gray 1840
- Invertrypa* Struve 1961
Atrypacea Gill 1871
- Iotina* Cooper&Grant 1976
Rhynchonellacea Gray 1848
- Iowatrypa* Copper 1973
Atrypacea Gill 1871
- Iphidella* Walcott 1905
Paterinacea Schuchert 1893
- Irboskites* Bekker 1924
Davidsoniaceae King 1850
- Irenothyris* Pojariskaja 1966
Terebratellacea King 1850
- Irgislella* Tjazheva 1972
Rhynchonellacea Gray 1848
- Irhirea* Havlicek 1971
Orthacea Woodward 1852
- Iridistrophia* Havlicek 1965
Orthotetacea Waagen 1884
- Irma* Gregorio 1930
Lyttoniaceae Waagen 1883
- Iru* Opik 1934
Clitambonitacea Winchell&Schuchert 1893
- Ishimia* Nikitin 1974
Plectambonitacea Jones 1928
- Spirifer* padaukpinensis Reed 1908
 Devonian
- Productus inflatus* McChesney 1860
 Mississippian
- Ingelarella angulata* Campbell 1959
 Permian
- Orthisina nefedyewi* Eichwald 1860
 Ordovician
- Iniathyris topkensis* Pesnossova 1963
 Mississippian
- Innuitella innuitana* Crickmay 1968
 Devonian
- Trigonosemus acanthodes* Etheridge 1913
 Cretaceous
- Productus Leonardensis* King 1931
 Permian
- Productus tessellatus* Koninck 1847
 Mississippian
- Productus marginalis* Koninck 1847
 Mississippian
- Inversella borealis* Opik 1933
 Ordovician
- Inversithyris rhomboidalis* Dagys 1968
 Jurassic
- Spinatrypa kelusiana* Struve 1956
 Devonian
- Iotina minuta* Cooper&Grant 1976
 Permian
- Atrypa owenensis* Webster 1921
 Devonian
- Iphidea bella* Billings 1872
 Cambrian
- Irboskites fixatus* Bekker 1924
 Devonian
- Zeilleria guldarraensis* Moisseiev 1944
 Jurassic
- Irgislella indecora* Tjazheva 1972
 Devonian
- Corineorthis gigantea* Termier&Termier 1950
 Ordovician
- Orthis umbella* Barrande 1848
 Silurian-Devonian
- Lyttonia biolata* Gregorio 1930
 Permian
- Orthisina concava* Pahlen 1877
 Ordovician
- Ishimia ishimensis* Nikitin 1974
 Ordovician

- Isjumelinella Makridin* 1960
 Rhynchonellacea Gray 1848
- Ismenia* King 1850
 Terebratellacea King 1850
- Isocrania* Jaekel 1902
 Craniacea Menke 1828
- Isoqramma* Meek&Worthen 1870
 Eichwaldiacea Schuchert 1893
- Isophragma* Cooper 1956
 Plectambonitacea Jones 1928
- Isopoma* Torley 1934
 Rhynchonellacea Gray 1848
- Isorthis* Kozłowski 1929
 Enteletacea Waagen 1884
- Isospinatrypa* Struve 1966
 Atrypacea Gill 1871
- Isovella* Breivel&Breivel 1970
 Pentameracea McCoy 1844
- Israelaria* Cooper 1976
 Protorthacea Cooper 1976
- Isumithyris* Hatai 1948
 Terebratellacea King 1850
- Iubaqraspirifer* Gatinaud 1949
 Spiriferacea King 1846
- Iugrabaspirifer* Gatinaud 1949
 Spiriferacea King 1846
- Ivanothyris* Havlicek 1957
 Spiriferacea King 1846
- Ivanoviella* Makridin 1955
 Rhynchonellacea Gray 1848
- Ivdelinia* Andronov 1961
 Pentameracea McCoy 1844
- Iwaispirifer* Tachibana 1964
 Spiriferacea King 1846
- Jaanussonites* Neuman 1977
 Gonambonitacea Schuchert&Cooper 1931
- Jaffaia* Thomson 1927
 Terebratellacea King 1850
- Jaisalmeria* Sahni 1955
 Terebratulacea Gray 1840
- Jakutella* Abramov 1970
 Productacea Gray 1840
- Jakutochonetes* Afanasjeva 1977
 Chonetacea Bronn 1862
- Jakutoproductus* Kaschirzev 1959
 Productacea Gray 1840
- Jamesella* Walcott 1905
 Orthacea Woodward 1852
- Rhynchonella pseudodecorata* Rollier 1917
 Jurassic
- Terebratulites pectunculoides* Schlotheim 1820
 Jurassic
- Crania egnabergensis* Retzius 1781
 Cretaceous
- Chonetes millepunctatus* Meek&Worthen 1870
 Carboniferous-Permian
- Isophragma ricevillense* Cooper 1956
 Ordovician
- Terebratula brachyptycta* Schnur 1853
 Devonian
- Dalmanella szajnochai* Kozłowski 1929
 Silurian-Devonian
- Terebratulites asper* Schlotheim 1813
 Devonian
- Isovella regina* Breivel&Breivel 1970
 Silurian
- Israelaria parnesi* Cooper 1976
 Cambrian
- Isumithyris kazusaensis* Hatai 1948
 Tertiary
- Spirifer wandleighi* Grabau 1931
 Devonian
- Spirifera whitneyi* Hall 1859
 Devonian
- Spirifer gibbosus* Barrande 1879
 Devonian
- Rhynchonella alemanica* Rollier 1917
 Jurassic
- Gypidula ivdelensis* Khodalevich 1951
 Devonian
- Iwaispirifer striatolamellosus* Tachibana 1964
 Devonian
- Jaanussonites hornei* Neuman 1977
 Ordovician
- Magasella jaffaensis* Plochmann 1910
 Recent
- Jaisalmeria taylori* Sahni 1955
 Jurassic
- Jakutella sarytchevae* Abramov 1970
 Pennsylvanian
- Jakutochonetes jakuticus* Afanasjeva 1977
 Carboniferous
- Marginifera verchoyanica* Fredericks 1931
 Permian
- Orthis perpasta* Pompeckj 1896
 Cambrian

- Janiceps* Frech 1901
 Athyridacea McCoy 1844
- Janiomya* Havlicek 1967
 Strophomenacea King 1846
- Janius* Havlicek 1957
 Cyrtiacea Fredericks 1924
- Japanithyris* Thomson 1927
 Terebratellacea King 1850
- Jisuina* Grabau 1931
 Dielasmatacea Schuchert 1913
- Jivinella* Havlicek 1949
 Orthacea Woodward 1952
- Johnsonathyris* Savage et al 1978
 Athyridacea McCoy 1844
- Jolonica* Hall 1920
 Terebratellacea King 1850
- Jolvia* Sapelnikov 1960
 Pentameracea McCoy 1844
- Juralina* Kyansop 1961
 Terebratulacea Gray 1840
- Juresania* Fredericks 1928
 Productacea Gray 1840
- Juvavella* Rittner 1888
 Dielasmatacea Schuchert 1913
- Juvavellina* Rittner 1896
 Dielasmatacea Schuchert 1913
- Kabanoviella* Smirnova 1973
 Rhynchonellacea Gray 1848
- Kachathyris* Smirnova 1975
 Terebratellacea King 1850
- Kadraliproductus* Galitzkaja 1977
 Productacea Gray 1840
- Kafirnigania* Katz 1962
 Terebratellacea King 1850
- Kallirhynchia* Ruckman 1917
 Rhynchonellacea Gray 1848
- Kamoica* Hatai 1936
 Terebratellacea King 1850
- Kaninospirifer* Kulikov&Stepanov 1975
 Spiriferacea King 1846
- Kansuella* Chao 1928
 Productacea Gray 1840
- Kaplex* Ficner&Havlicek 1975
 Stringocephalacea King 1850
- Karadagella* Babanova 1965
 Terebratulacea Gray 1840
- Karadagithyris* Tchorszchewsky 1974
 Lobidothyridacea Makridin 1964
- Athyris* peracuta Stache 1878
 Permian
- Janiomya* parallelomya Havlicek 1967
 Silurian
- Spirifer* nobilis Barrande 1848
 Silurian-Devonian
- Terebratella* mariae Adans 1860
 Tertiary-Recent
- Jisuina* elegantula Grabau 1931
 Permian
- Orthis* incola Barrande 1879
 Ordovician
- Johnsonathyris* adrianaensis Savage et al 1978
 Devonian
- Campages* hedleyi Hall 1920
 Recent
- Jolvia* multiplexa Sapelnikov 1960
 Silurian
- Juralina* procerus Kyansop 1961
 Jurassic
- Productus* jurasanensis Tschernyschew 1902
 Pennsylvanian-Permian
- Juvavella* suessi Rittner 1888
 Triassic
- Juvavellina* kittli Rittner 1896
 Triassic
- Rhynchonella* obliterated Lahusen 1874
 Cretaceous
- Kachathyris* privus Smirnova 1975
 Cretaceous
- Productus* kadralensis Gladtschenko 1955
 Mississippian
- Kafirnigania* pentangulata Katz 1962
 Cretaceous
- Rhynchonella* concinna Davidson 1878
 Jurassic
- Jolonica* iduensis Hatai 1936
 Tertiary
- Spirifer* kaninensis Licharew 1943
 Permian
- Productus* kansuensis Chao 1927
 Mississippian
- Kaplex* obesissimus Ficner&Havlicek 1975
 Devonian
- Karadagella* moisseievi Babanova 1965
 Jurassic
- Karadagithyris* babanovae Tchorszchewsky 1974
 Jurassic

- Karakulina Andreeva 1972
Porambonitacea Davidson 1853
- Karavankina Ramovs 1969
Productacea Gray 1840
- Karlicium Havlicek 1974
Enteletacea Waagen 1884
- Karpinskia Tschernyschew 1885
Atrypacea Gill 1871
- Kasakhstania Resnossova 1968
Spiriferacea King 1846
- Kassinella Borissiak 1956
Plectambonitacea Jones 1928
- Katastrophomena Cocks 1968
Strophomenacea King 1846
- Katunia Kulkov 1963
Rhynchonellacea Gray 1848
- Kayserella Hall & Clarke 1892
Enteletacea Waagen 1884
- Kayseria Davidson 1882
Dayiacea Waagen 1883
- Kelusia Mamedov 1978
Cyrtiacea Fredericks 1924
- Keratothyris Tuluweit 1965
Zeilleriacea Allan 1940
- Kerpina Struve 1961
Atrypacea Gill 1871
- Kestonithyris Sahni 1925
Terebratulacea Gray 1840
- Keyserlingia Pander 1861
Acrotretacea Schuchert 1893
- Keyserlingina Tschernyschew 1902
Lyttoniacea Waagen 1883
- Khinganospirifer Su 1976
Spiriferacea King 1846
- Khodalevichia Boucot & Johnson 1970
Pentameracea McCoy 1844
- Kiaeromena Spjelnaes 1957
Strophomenacea King 1846
- Kiangsiella Grabau & Chao 1927
Davidsoniacea King 1850
- Kikaithyris Yabe & Hatai 1941
Terebratellacea King 1850
- Kindleina Savage et al 1978
Rhynchonellacea Gray 1848
- Kinelina Ljaschenko 1969
Strophomenacea King 1846
- Kingena Davidson 1852
Terebratellacea King 1850
- Karakulina nana Andreeva 1972
Ordovician
- Karavankina typica Ramovs 1969
Permian
- Karlicium karlicum Havlicek 1974
Ordovician
- Karpinskia conjuquila Tschernyschew 1885
Devonian
- Kasakhstania mikunovi Resnossova 1968
Carboniferous
- Kassinella globosa Borissiak 1956
Ordovician
- Strophomena antiquata Reed 1917
Silurian
- Katunia subtrigonata Kulkov 1963
Devonian
- Orthis lepida Schnur 1853
Devonian
- Orthis lens Phillips 1841
Devonian
- Emanuella volhynica Kelus 1939
Devonian
- Terebratula cor Lamarck 1819
Jurassic
- Kerpina vineta Struve 1961
Devonian
- Kestonithyris inflata Sahni 1925
Cretaceous
- Orbicula reversa Verneuil 1845
Ordovician
- Keyserlingina schellwieni Tschernyschew 1902
Pennsylvanian-Permian
- Mucrospirifer paradoxiformis Hou 1959
Devonian
- Brooksina crassa Khodalevich 1939
Silurian
- Leptaena kjerulfi Holtedahl 1916
Ordovician
- Orthotetes tingi Grabau 1924
Pennsylvanian-Permian
- Pictothyris hanzawai Yabe 1934
Tertiary
- Kindleina suemezensis Savage et al 1978
Devonian
- Kinelina eifelensis Ljaschenko 1969
Devonian
- Terebratula lima DeFrance 1828
Cretaceous

- Kingenella* Popiel-Barczyk 1968
 Terebratellacea King 1850
- Kinghiria* Litvinovich 1966
 Spiriferacea King 1846
- Kinnella* Bergstrom 1968
 Enteletacea Waagen 1884
- Kirkidium* Amsden, Roucot & Johnson 1967
 Pentameracea McCoy 1844
- Kirkina* Salmon 1942
 Strophomenacea King 1846
- Kisilia* Nalivkin 1979
 Spiriferacea King 1846
- Kitakamithyrus* Minato 1951
 Reticulariacea Waagen 1883
- Kjaerina* Bancroft 1929
 Strophomenacea King 1846
- Kjerulfina* Bancroft 1929
 Strophomenacea King 1846
- Klipsteinella* Dagys 1974
 Suessiacea Waagen 1883
- Kochiproductus* Dunbar 1955
 Productacea Gray 1840
- Koiveskallina* Dagys 1965
 Spiriferinacea Davidson 1884
- Kolhidaella* Moisseiev 1939
 Rhyntonellacea Gray 1848
- Kolymithyrus* Danys 1965
 Zeilleriacea Allan 1940
- Komspirifer* Ljaschenko 1973
 Spiriferacea King 1846
- Koninckella* Munier-Chalmas 1880
 Koninckinacea Davidson 1853
- Koninckina* Suess 1853
 Koninckinacea Davidson 1853
- Koninckodonta* Rittner 1893
 Koninckinacea Davidson 1853
- Konstantia* Pajaud 1970
 Thecideacea Gray 1840
- Kosirium* Ficner & Havlicek 1975
 Cyrtiacea Fredericks 1924
- Kotujella* Andreeva 1962
 Billingsellacea Schuchert 1893
- Kozlowskia* Fredericks 1933
 Productacea Gray 1840
- Kozlowskiella* Roucot 1958
 Spiriferacea King 1846
- Kozlowskites* Havlicek 1952
 Plectambonitacea Jones 1928
- Kinzenella* konqieli Popiel-Barczyk 1968
 Cretaceous
- Kinghiria* prima Litvinovich 1966
 Carboniferous
- Hirnantia* kielanae Temple 1965
 Ordovician
- Pentamerus* knightii Sowerby 1813
 Silurian
- Kirkina* millardensis Salmon 1942
 Ordovician
- Kisilia* linguata Nalivkin 1979
 Mississippian
- Torynifer* tyoanjiensis Minato 1951
 Mississippian
- Kjaerina* tupa Bancroft 1929
 Ordovician
- Kjerulfina* trigonalis Bancroft 1929
 Ordovician
- Spirifer* calceola Klipstein 1843
 Triassic
- Productus* porrectus Kutorqa 1844
 Permian
- Spiriferina* koiveskalyensis Stur 1865
 Triassic
- Kolhidaella* kolhidaensis Moisseiev 1939
 Cretaceous
- Zeilleria* kolymensis Moisseiev 1937
 Triassic
- Uchtospirifer* formosus Ljaschenko 1960
 Devonian
- Leptaena* liasina Rouchard 1847
 Triassic-Jurassic
- Productus* leonhardi Wissmann 1841
 Triassic
- Koninckodonta* fuggeri Bittner 1893
 Triassic
- Konstantia* podolica Pajaud 1970
 Cretaceous
- Kosirium* turbulentum Ficner & Havlicek 1975
 Devonian
- Kotujella* calva Andreeva 1962
 Cambrian
- Productus* capacii Orbigny 1842
 Pennsylvanian-Permian
- Kozlowskiella* strawi Roucot 1957
 Silurian-Devonian
- Strophomena* nuncia Barrande 1879
 Ordovician

- Kransia* Westbroek 1967
 Rhynchonellacea Gray 1848
- Kraussina* Davidson 1859
 Terebratellacea King 1850
- Krejcigrafella* Struve 1978
 Davidsoniacea King 1850
- Krotovia* Fredericks 1928
 Productacea Gray 1840
- Kueichowella* Yang 1978
 Productacea Gray 1840
- Kullervo* Opik 1932
 Gonambonitacea Schuchert&Cooper 1931
- Kulumbella* Nikiforova 1960
 Pentameracea McCoy 1844
- Kumbella* Khodalevich 1975
 Pentameracea McCoy 1844
- Kundatella* Aksarina 1978
 Uncertain
- Kurakithyris* Hatai 1946
 Terebratellacea King 1850
- Kutchirhynchia* Ruckman 1917
 Rhynchonellacea Gray 1848
- Kutchithyris* Ruckman 1917
 Terebratulacea Gray 1840
- Kutorgina* Billings 1861
 Kutorginacea Schuchert 1893
- Kutorginella* Ivanova 1951
 Productacea Gray 1840
- Kuvelousia* Waterhouse 1968
 Productacea Gray 1840
- Kvesanirhynchia* Kvakhadze 1976
 Rhynchonellacea Gray 1848
- Kwangsia* Grabau 1931
 Atrypacea Gill 1871
- Kwanqsirhynchus* Hou&Xian 1975
 Rhynchonellacea Gray 1848
- Kymatothyris* Struve 1970
 Reticulariaceae Waagen 1883
- Kyrtatrypa* Struve 1966
 Atrypacea Gill 1871
- Labaia* Licharew 1956
 Dielasmatacea Schuchert 1913
- Laballa* Moisseiev 1962
 Spiriferinacea Davidson 1884
- Labriproductus* Cooper&Muir-Wood 1951
 Productacea Gray 1840
- Lacazella* Munier-Chalmas 1880
 Thecideacea Gray 1840
- Terebratula* parallelepipedata Bronn 1837
 Devonian
- Anomia* rubra Pallas 1766
 Recent
- Schuchertellopsis* krejcigrafi Struve 1978
 Devonian
- Productus* spinulosus Sowerby 1814
 Mississippian-Permian
- Kueichowella* kueichowensis Yang 1978
 Mississippian
- Gonambonites* panderi Opik 1930
 Ordovician
- Kulumbella* kulumbensis Nikiforova 1960
 Silurian
- Kumbella* kumhensis Khodalevich 1975
 Devonian
- Kundatella* asperocosta Aksarina 1978
 Cambrian
- Kurakithyris* quantoensis Hatai 1946
 Tertiary
- Rhynchonella* concinna Kitchin 1900
 Jurassic
- Terebratula* acutiplicata Kitchin 1897
 Jurassic
- Obolella* cingulata Billings 1861
 Cambrian
- Kutorginella* mosquensis Ivanova 1951
 Pennsylvanian-Permian
- Kuvelousia* sphiva Waterhouse 1968
 Permian
- Kvesanirhynchia* tenuicostata Kvakhadze 1976
 Cretaceous
- Kwangsia* yohi Grabau 1931
 Devonian
- Kwanqsirhynchus* liujingensis Hou&Xian 1975
 Devonian
- Kymatothyris* kroemmelbeini Struve 1970
 Devonian
- Atrypa* culminigera Struve 1966
 Silurian-Devonian
- Labaia* muirwoodae Licharew 1956
 Permian
- Spiriferina* suessi Winkler 1859
 Triassic
- Productus* wortheni Hall 1858
 Mississippian
- Thecidea* mediterranea Risso 1826
 Tertiary-Recent

- Lachrymula* Graham 1970
 Lingulacea Menke 1829
- Lacunaerhynchia* Almeras 1966
 Rhynchonellacea Gray 1848
- Lacunarites* Opik 1934
 Gonambonitacea Schuchert & Cooper 1931
- Lacunites* Gorjansky 1969
 Paterinacea Schuchert 1893
- Lacunosella* Wisniewska 1932
 Rhynchonellacea Gray 1848
- Ladjia* Veevers 1959
 Cyrtiacea Fredericks 1924
- Ladogia* Malivkin 1941
 Rhynchonellacea Gray 1848
- Ladogiella* Opik 1934
 Clitambonitacea Winchell & Schuchert 1893
- Ladogifornix* Schmidt 1964
 Rhynchonellacea Gray 1848
- Ladogilina* Ljaschenko 1973
 Rhynchonellacea Gray 1848
- Ladoqilinella* Ljaschenko 1973
 Rhynchonellacea Gray 1848
- Ladogioides* McLaren 1941
 Rhynchonellacea Gray 1848
- Laevicyphomena* Cocks 1968
 Strophomenacea King 1846
- Laeviqaterhynchia* Wisniewska 1978
 Rhynchonellacea Gray 1848
- Laevirhynchia* Dagys 1974
 Rasiliolacea Cooper 1959
- Laevispirifer* Ushatinskaia 1977
 Cyrtiacea Fredericks 1924
- Laevithyris* Dagys 1974
 Loboithyridacea Makridin 1964
- Laioporella* Ivanova 1975
 Spiriferinacea Davidson 1884
- Lakhmina* Oehlert 1987
 Acrotretacea Schuchert 1893
- Lamanskya* Moberg & Segerberg 1906
 Uncertain
- Lamarckispirifer* Gatinaud 1949
 Spiriferacea King 1846
- Lambdarina* Brunton & Champion 1974
 Rhynchonellacea Gray 1848
- Lamellaerhynchia* Rurri 1953
 Rhynchonellacea Gray 1848
- Lamelliconchidium* Kulkov 1968
 Pentameracea McCoy 1844
- Lachrymula inusitata* Graham 1970
 Carboniferous
- Lacunaerhynchia vergissonensis* Almeras 1966
 Jurassic
- Lacunarites ilmatar* Opik 1934
 Ordovician
- Lacunites balaschovae* Gorjansky 1969
 Ordovician
- Rhynchonella arolica* Oppeel 1866
 Jurassic
- Ladjia saltica* Veevers 1959
 Devonian
- Terebratula meyndorfii* Verneuil 1845
 Devonian
- Ladoqiella imbricata* Opik 1934
 Ordovician
- Terebratula fornicata* Schnur 1853
 Devonian
- Ladogilina rossica* Ljaschenko 1973
 Devonian
- Ladoqilinella mutabilis* Ljaschenko 1973
 Devonian
- Ladogioides pax* McLaren 1961
 Devonian
- Cyphomena feliciter* Cocks 1968
 Silurian
- Terebratula triplicosa* Quenstedt 1832
 Jurassic
- Terebratula tricostata* Munster 1841
 Triassic
- Laevispirifer zhamankonensis* Ushatinskaia 1977
 Silurian
- Lobothyris rossochae* Dagys 1965
 Triassic
- Laioporella modesta* Ivanova 1975
 Pennsylvanian
- Davidsonella linguloides* Waagen 1885
 Cambrian
- Lamanskya splendens* Moberg & Segerberg 1906
 Ordovician
- Spirifer hayasakai* Grabau 1931
 Devonian
- Lambdarina manifoldensis* Brunton & Champion 1974
 Mississippian
- Terebratula rostriformis* Roemer 1836
 Cretaceous
- Lamelliconchidium tchergense* Kulkov 1968
 Silurian

- Lamellokoninckina* Jin&Fang 1977
 Koninckinacea Davidson 1853
- Lamellosia* Cooper&Grant 1975
 Chonetacea Bronn 1862
- Laminatia* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Lamnaespina* Waterhouse 1976
 Spiriferinacea Davidson 1884
- Lamnimargus* Waterhouse 1975
 Productacea Gray 1840
- Lancangjiangia* Jin&Fang 1977
 Spiriferinacea Davidson 1884
- Lanceomyonia* Havlicek 1960
 Rhynchonellacea Gray 1848
- Langella* Mendes 1961
 Lingulacea Menke 1828
- Langkawia* Hamada 1969
 Rhynchonellacea Gray 1848
- Laosia* Mansuy 1913
 Rhynchonellacea Gray 1848
- Langueus* Hall 1870
 Terebratellacea King 1850
- Larium* Gregorio 1930
 Uncertain
- Lateralatirostrum* Sartenaer 1979
 Rhynchonellacea Gray 1848
- Lathamella* Liu 1979
 Uncertain
- Laticrura* Cooper 1956
 Enteleteacea Waagen 1884
- Latiplecus* Lee&Gu 1976
 Reticulariacea Waagen 1883
- Latiproductus* Sarytcheva et al 1977
 Productacea Gray 1847
- Latonotoechia* Havlicek 1960
 Rhynchonellacea Gray 1848
- Lazutkinia* Rzonznitzkaja 1952
 Spiriferacea King 1946
- Leangella* Opik 1933
 Plectambonitacea Jones 1928
- Leiochonetes* Roberts 1976
 Chonetacea Bronn 1862
- Leiolepismatina* Yang&Xu 1966
 Spiriferinacea Davidson 1884
- Leiopproductus* Stainbrook 1947
 Productacea Gray 1847
- Leiorhynchoidea* Cloud 1944
 Rhynchonellacea Gray 1848
- Lamellokoninckina* heningensis Jin&Fang 1977
 Triassic
- Lamellosia* lamellosa Cooper&Grant 1975
 Permian
- Productella* laminata Kindle 1909
 Devonian
- Lamnaespina* transennata Waterhouse 1976
 Permian
- Marginifera* himalayensis Niener 1899
 Permian
- Lancangjiangia* spinosa Jin&Fang 1977
 Triassic
- Terebratula* tarda Barrande 1847
 Silurian
- Lingula* imbituensis Oliveira 1930
 Pennsylvanian-Permian
- Langkawia* jonesae Hamada 1969
 Devonian-Carboniferous
- Laosia* Jussaulti Mansuy 1913
 Permian
- Terebratula* californica Koch 1848
 Tertiary-Recent
- Larium* inventum Gregorio 1930
 Permian
- Leiorhynchus* athabascense Kindle 1924
 Devonian
- Lathamella* caecus Liu 1979
 Cambrian
- Laticrura* pronodema Cooper 1956
 Ordovician
- Latiplecus* typicus Lee&Gu 1976
 Permian
- Productus* latissimus Sowerby 1822
 Mississippian
- Terebratula* latona Barrande 1847
 Devonian
- Spirifer* mamontovensis Lazutkin 1940
 Devonian
- Plectambonites* scissa Holtedahl 1916
 Ordovician-Silurian
- Leiochonetes* salisburyensis Roberts 1976
 Carboniferous
- Leiolepismatina* semiconula Yang&Xu 1966
 Triassic
- Productella* coloradoensis Kindle 1909
 Devonian
- Leiorhynchoidea* schucherti Cloud 1944
 Mississippian-Permian

- Leiorhynchoides* Novgal 1953
 Rhynchonellacea Gray 1848
- Leiorhynchus* Hall 1860
 Rhynchonellacea Gray 1848
- Leioria* Cooper 1976
 Orthacea Woodward 1952
- Leioseptathyris* Wu 1974
 Stringocephalacea King 1850
- Lenatoechia* Nikiforova 1970
 Rhynchonellacea Gray 1848
- Lenorthis* Andreeva 1955
 Orthacea Woodward 1952
- Lenothyris* Dagys 1969
 Loboidothyridacea Makridin 1964
- Lepidocrania* Cooper&Grant 1974
 Craniacea Menke 1828
- Lepidocycloides* Nikiforova 1961
 Rhynchonellacea Gray 1848
- Lepidocyclus* Wang 1949
 Rhynchonellacea Gray 1848
- Lepidoleptaena* Havlicek 1963
 Strophomenacea King 1846
- Lepidorhynchia* Burri 1956
 Rhynchonellacea Gray 1848
- Lepidorthis* Wang 1955
 Orthacea Woodward 1852
- Lepidospirifer* Cooper&Grant 1969
 Spiriferacea King 1846
- Lepismatina* Wang 1955
 Suesiacea Waagen 1883
- Leptaena* Dalman 1828
 Strophomenacea King 1846
- Leptaenella* Fredericks 1918
 Strophomenacea King 1846
- Leptaenisca* Beecher 1890
 Strophomenacea King 1846
- Leptaenoidea* Hedstrom 1917
 Strophomenacea King 1846
- Leptaenomendax* Garcia-Alcalde&Martinez 1978
 Strophomenacea King 1846
- Leptaenopoma* Marek&Havlicek 1967
 Strophomenacea King 1846
- Leptaenopyxis* Havlicek 1963
 Strophomenacea King 1846
- Leptagonia* McCoy 1844
 Strophomenacea King 1846
- Leptalosia* Dunbar&Condra 1932
 Strophalosiaceae Schuchert 1913
- Leiorhynchus* gratianovae Novgal 1953
 Devonian
- Orthis* quadricostata Vanuxem 1842
 Devonian-Mississippian
- Leioria* bentori Cooper 1976
 Cambrian
- Leioseptathyris* modica Wu 1974
 Devonian
- Camarotoechia* elegans Nikiforova 1961
 Silurian-Devonian
- Lenorthis* girardi Andreeva 1955
 Ordovician
- Lenothyris* perflexus Dagys 1968
 Jurassic
- Lepidocrania* tardispinosa Cooper&Grant 1974
 Permian
- Lepidocycloides* baikiticus Nikiforova 1961
 Ordovician
- Lepidocyclus* laddi Wang 1949
 Ordovician
- Strophomena* rhomboidalis Rarrande 1879
 Ordovician
- Lepidorhynchia* dichotoma Burri 1956
 Cretaceous
- Lepidorthis* typicalis Wang 1955
 Ordovician
- Lepidospirifer* angulatus Cooper&Grant 1969
 Permian
- Lepismatina* hsui Wang 1955
 Triassic
- Leptaena* rugosa Dalman 1828
 Ordovician-Mississippian
- Leptaena* rhomboidalis Hall&Clarke 1892
 Ordovician-Devonian
- Leptaena* concava Hall 1857
 Silurian-Devonian
- Leptaenoidea* silurica Hedstrom 1917
 Silurian
- Leptaenomendax* chaconae Garcia-Alcalde et al 1978
 Devonian
- Leptaenopoma* trifidum Marek&Havlicek 1967
 Ordovician
- Leptaena* bouei Rarrande 1848
 Ordovician
- Producta* analoga Phillips 1836
 Mississippian
- Strophalosia* scintilla Beecher 1890
 Devonian-Pennsylvanian

- Leptathyris* Siehl 1962
 Athyridacea McCoy 1844
- Leptella* Hall&Clarke 1892
 Plectambonitacea Jones 1928
- Leptellina* Ulrich&Cooper 1936
 Plectambonitacea Jones 1928
- Leptelloidea* Jones 1928
 Plectambonitacea Jones 1928
- Leptembolon* Mickwitz 1896
 Lingulacea Menke 1878
- Leptestia* Bekker 1922
 Plectambonitacea Jones 1928
- Leptestiina* Havlicek 1952
 Plectambonitacea Jones 1928
- Leptobolus* Hall 1871
 Lingulacea Menke 1878
- Leptocaryorhynchus* Sartenaer 1970
 Rhynchonellacea Gray 1848
- Leptochonetes* Havlicek&Racheboeuf 1979
 Chonetacea Bronn 1862
- Leptocoelia* Hall 1857
 Dayiacea Waagen 1883
- Leptocoelina* Johnson 1970
 Dayiacea Waagen 1883
- Leptodonta* Khalfin 1955
 Strophomenacea King 1846
- Leptodontella* Khalfin 1948
 Strophomenacea King 1846
- Leptodus* Kayser 1883
 Lyttoniacea Waagen 1883
- Leptoptilum* Opik 1930
 Plectambonitacea Jones 1928
- Leptoskelidion* Amsden 1974
 Enteletacea Waagen 1884
- Leptospira* Boucot,Johnson&Staton 1964
 Retziacea Waagen 1883
- Leptostrophia* Hall&Clarke 1892
 Strophomenacea King 1846
- Leptostrophiella* Harper&Boucot 1978
 Stropheodontacea Caster 1939
- Leptothyrella* Muir-Wood 1965
 Terebratellacea King 1850
- Leptothyrellopsi* Bitner&Pisera 1979
 Terebratellacea King 1850
- Lercarella* Mascle&Termier 1970
 Productacea Gray 1840
- Lespius* Gregorio 1930
 Orthotetacea Waagen 1884
- Leptathyris gryphis* Siehl 1962
 Devonian
- Leptaena sordida* Billings 1862
 Ordovician
- Leptellina tennesseensis* Ulrich&Cooper 1936
 Ordovician
- Plectambonites schmidti* Bekker 1921
 Ordovician
- Obolus lingulaeformis* Mickwitz 1896
 Cambrian-Ordovician
- Leptestia musculosa* Bekker 1922
 Ordovician
- Benignites prantli* Havlicek 1952
 Ordovician
- Leptobolus lepis* Dall 1877
 Ordovician
- Camarotoechia jamensis* Brice 1967
 Devonian
- Chonetes tardus* Barrande 1879
 Devonian
- Leptocoelia propria* Hall 1857
 Devonian
- Leptocoelina squamosa* Johnson 1970
 Devonian
- Leptaena leblanci* Rouault 1851
 Devonian
- Leptaena caudata* Schnur 1854
 Devonian
- Leptodus richthofeni* Kayser 1883
 Permian
- Leptestia bekkeri* Opik 1930
 Ordovician
- Leptoskelidion septulosum* Amsden 1974
 Silurian
- Trematospira costata* Hall 1859
 Devonian
- Stropheodonta magnifica* Hall 1857
 Silurian-Devonian
- Leptaena explanata* Sowerby 1842
 Silurian-Devonian
- Leptothyris ignota* Muir-Wood 1959
 Recent
- Leptothyrellopsi polonicus* Bitner&Pisera 1979
 Cretaceous
- Lercarella sicana* Mascle&Termier 1970
 Pennsylvanian-Permian
- Lespius favoritus* Gregorio 1930
 Permian

- Lethamia Waterhouse 1973
Productacea Gray 1840
- Leurosina Cooper&Grant 1975
Chonetacea Bronn 1867
- Levenea Schuchert&Cooper 1931
Enteletacea Waagen 1884
- Levibiseptum Xian 1975
Pentameracea McCoy 1844
- Leviconchidiella Rzonisnitskaja 1960
Pentameracea McCoy 1844
- Levigatella Andronov 1961
Pentameracea McCoy 1844
- Levipustula Maxwell 1951
Productacea Gray 1840
- Levispira Mizens 1975
Atrypacea Gill 1871
- Levitusia Muir-Wood&Cooper 1960
Productacea Gray 1840
- Lialosia Muir-Wood&Cooper 1960
Strophalosiacea Schuchert 1913
- Libyaeglossa Havlicek 1973
Lingulacea Menke 1828
- Libys Massa, Termier&Termier 1974
Productacea Gray 1840
- Lichareviella Ustritsky 1959
Strophalosiacea Schuchert 1913
- Licharewia Einor 1939
Spiriferacea King 1846
- Licharewiella Sokolskaja 1960
Davidsoniacea King 1950
- Lievinella Boucot 1975
Stringocephalacea King 1850
- Liljevallia Hedstrom 1917
Strophomenacea King 1846
- Limbella Stehli 1954
Aulostegacea Muir-Wood&Cooper 1960
- Limbimurina Cooper 1956
Strophomenacea King 1846
- Lindstroemella Hall&Clarke 1890
Discinacea Gray 1840
- Lineirhynchia Buckman 1917
Rhynchonellacea Gray 1848
- Linguithyrus Buckman 1917
Terebratulacea Gray 1840
- Lingula Bruguiere 1797
Lingulacea Menke 1828
- Lingulapholis Schuchert 1913
Lingulacea Menke 1828
- Lethamia liquorritus Waterhouse 1973
Permian
- Leurosina marginata Cooper&Grant 1975
Permian
- Orthis subcarinata Hall 1857
Silurian-Devonian
- Levibiseptum dushanense Xian 1975
Devonian
- Sieberella vaqranica Khodalevich 1951
Devonian
- Gypidula olga Khodalevich 1939
Silurian-Devonian
- Levipustula levis Maxwell 1951
Pennsylvanian
- Levispira eifeliensis Mizens 1975
Devonian
- Productus humerosus Sowerby 1822
Mississippian
- Strophalosia kimberleyensis Prendergast 1943
Permian
- Libyaeglossa collombi Havlicek 1973
Ordovician
- Libys hericinus Massa et al 1974
Mississippian
- Strophalosia costata Waagen 1884
Permian
- Spirifer stuckenbergi Netschajew 1900
Permian
- Derbya magnifica Licharew 1939
Permian
- Rensselaerina primaeva Barrois et al 1920
Devonian
- Liljevallia gotlandica Hedstrom 1917
Silurian
- Aulosteges wolfcampensis King 1931
Pennsylvanian-Permian
- Limbimurina insueta Cooper 1956
Ordovician
- Lindstroemella aspidium Hall&Clarke 1890
Devonian-Pennsylvanian
- Rhynchonella cotteswoldiae Upton 1899
Jurassic
- Terebratula bifida Rothpletz 1886
Jurassic
- Lingula anatina Lamarck 1801
Ordovician-Recent
- Pholidops terminalis Hall 1859
Ordovician-Devonian

- Lingulasma* Ulrich 1889
 Lingulacea Menke 1828
- Lingulella* Salter 1866
 Lingulacea Menke 1828
- Lingulepis* Hall 1863
 Lingulacea Menke 1828
- Lingulipora* Girty 1898
 Lingulacea Menke 1828
- Lingulobolus* Matthew 1895
 Lingulacea Menke 1828
- Lingulodiscina* Whitfield 1890
 Discinacea Gray 1840
- Lingulops* Hall 1872
 Lingulacea Menke 1828
- Linguopugnoides* Havlicek 1960
 Rhynchonellacea Gray 1848
- Linnarssonella* Walcott 1902
 Acrotretacea Schuchert 1893
- Linnarssonina* Walcott 1885
 Acrotretacea Schuchert 1893
- Linoporella* Schuchert & Cooper 1931
 Enteletacea Waagen 1894
- Linoproductus* Chao 1927
 Productacea Gray 1840
- Linoprotonia* Ferguson 1971
 Productacea Gray 1840
- Linstrophomena* Rong, Xu & Yang 1974
 Strophomenacea King 1846
- Liocoelia* Schuchert & Cooper 1931
 Uncertain
- Lioleptaena* Xian 1978
 Strophomenacea King 1846
- Liosotella* Cooper 1953
 Productacea Gray 1840
- Liospiriferina* Rousselle 1977
 Spiriferinacea Davidson 1884
- Liostrphia* Cooper & Kindle 1936
 Poraonitacea Davidson 1853
- Liothyrella* Thomson 1916
 Terebratulacea Gray 1840
- Liralingua* Graham 1970
 Lingulacea Menke 1828
- Liraria* Cooper & Grant 1975
 Productacea Gray 1840
- Liraspirifer* Stainbrook 1950
 Spiriferacea King 1846
- Lirellaria* Cooper & Grant 1976
 Rhynchonellacea Gray 1848
- Lingulasma schucherti* Ulrich 1889
 Ordovician
- Lingula davisii* McCoy 1851
 Cambrian-Ordovician
- Lingula pinnaformis* Owen 1852
 Cambrian-Ordovician
- Lingula williamsana* Girty 1898
 Devonian-Pennsylvanian
- Lingulella affinis* Billings 1872
 Ordovician
- Lingula exilis* Hall 1860
 Devonian
- Lingulops whitfieldi* Hall 1872
 Ordovician-Silurian
- Rhynchonella nymphe* Barrande 1879
 Silurian-Devonian
- Linnarssonella girtyi* Walcott 1902
 Cambrian
- Obolella transversa* Hartt 1868
 Cambrian
- Orthis punctata* Verneuil 1848
 Silurian
- Productus cora* Orbnigny 1842
 Mississippian-Permian
- Productus hemisphaericus* Sowerby 1822
 Mississippian
- Linstrophomena convexa* Rong, Xu & Yang 1974
 Silurian
- Pentamerus proximus* Barrande 1879
 Silurian
- Lioleptaena kailiensis* Xian 1978
 Silurian
- Liosotella rugosa* Cooper 1953
 Permian
- Terebratulites rostratus* Schlotheim 1822
 Jurassic
- Liostrphia qlabra* Cooper & Kindle 1936
 Ordovician
- Terebratula uva* Broderip 1833
 Tertiary-Recent
- Liralingua indicus* Graham 1970
 Carboniferous
- Liraria lirata* Cooper & Grant 1975
 Permian
- Liraspirifer tricostatus* Stainbrook 1950
 Mississippian
- Lirellaria costellata* Cooper & Grant 1976
 Permian

- Liricamera* Cooper 1956
 Porambonitacea Davidson 1853
- Liriplica* Campbell 1961
 Spiriferinacea Davidson 1884
- Lissajousithyris* Almeras 1971
 Terebratulacea Gray 1840
- Lissatrypa* Tuenhofel 1914
 Atrypacea Gill 1871
- Lissatrypoidea* Poucot&Amsden 1958
 Atrypacea Gill 1871
- Lissella* Campbell 1961
 Rhynchonellacea Gray 1848
- Lissochonetes* Dunbar&Condra 1932
 Chonetacea Bronn 1862
- Lissocoelina* Schuchert&Cooper 1931
 Pentameracea McCoy 1844
- Lissocrania* Williams 1943
 Craniacea Menke 1823
- Lissomarginifera* Lane 1962
 Productacea Gray 1840
- Lissopleura* Whitfield 1896
 Rhynchonellacea Gray 1848
- Lissorhynchia* Yang&Xu 1966
 Rhynchonellacea Gray 1848
- Lissosia* Cooper&Grant 1975
 Chonetacea Bronn 1862
- Lissostrophia* Amsden 1949
 Strophomenacea King 1846
- Lisotreta* Amsden 1968
 Triolesiaceae Schuchert 1913
- Litocothia* Grant 1976
 Lyttoniaceae Waagen 1883
- Litothyris* Roberts 1971
 Spiriferacea King 1846
- Ljaschenkovia* Patrukova 1969
 Discinacea Gray 1840
- Ljudmilispirifer* Tcherkesova 1976
 Cyrtiaceae Fredericks 1924
- Llanoella* Boucot 1975
 Porambonitacea Davidson 1853
- Loboidothyris* Buckman 1917
 Terebratulacea Gray 1840
- Loboidothyropsis* Sucic-Protic 1971
 Loboidothyridacea Makridin 1964
- Lobothyris* Buckman 1917
 Terebratulacea Gray 1840
- Lobothyroides* Xu 1978
 Terebratulacea Gray 1840
- Liricamera nevadensis* Cooper 1956
 Ordovician
- Liriplica alta* Campbell 1961
 Pennsylvanian
- Terebratula matisconensis* Lissajous 1936
 Jurassic
- Lissatrypa atheroidea* Tuenhofel 1914
 Silurian-Devonian
- Nucleospira concentrica* Hall 1859
 Silurian
- Lissella booralensis* Campbell 1961
 Pennsylvanian
- Chonetes qlaber* Geinitz 1866
 Pennsylvanian-Permian
- Pentamerus pergibbosus* Hall&Whitfield 1875
 Silurian
- Crania dodgei* Rowley 1978
 Mississippian
- Lissomarginifera nuda* Lane 1962
 Pennsylvanian
- Rhynchonella aequivalvis* Hall 1857
 Devonian
- Lissorhynchia pygmaea* Yang&Xu 1966
 Triassic
- Myoros concavus* Cooper&Grant 1975
 Permian
- Lissostrophia cooperi* Amsden 1949
 Silurian-Devonian
- Onychotreta plicata* Ulrich&Cooper 1936
 Silurian
- Litocothia cateora* Grant 1976
 Permian
- Litothyris alticostata* Roberts 1971
 Devonian
- Ljaschenkovia udmurtica* Patrukova 1969
 Devonian
- Nelthyris irregularis* Nalivkin 1960
 Devonian
- Llanoella stephensi* Boucot 1975
 Devonian
- Loboidothyris latovalis* Buckman 1917
 Jurassic
- Loboidothyropsis tipica* Sucic-Protic 1971
 Jurassic
- Terebratula punctata* Sowerby 1812
 Jurassic
- Lobothyroides striata* Xu 1978
 Triassic

- Lobvia Breivel&Breivel* 1977
 Spiriferacea King 1846
- Loczyella* Frech 1901
 Richthofeniacea Waagen 1885
- Loganella* Boucot&Amsden 1958
 Enteletacea Waagen 1884
- Loilemia* Reed 1936
 Atrypacea Gill 1871
- Lomatiphora* Roberts 1971
 Productacea Gray 1840
- Longdongshuia* Hou&Xian 1975
 Rhynchonellacea Gray 1848
- Longispina* Cooper 1942
 Chonetacea Bronn 1862
- Longithyris* Katz&Popov 1974
 Terebratulacea Gray 1840
- Longivillia* Bancroft 1933
 Strophomenacea King 1846
- Loperia* Walcott 1905
 Orthacea Woodward 1852
- Lophrothyris* Buckman 1917
 Terebratulacea Gray 1840
- Lopingia* Chan 1979
 Davidsoniacea King 1850
- Lorangerella* Crickmay 1963
 Rhynchonellacea Gray 1848
- Lordorthis* Ross 1959
 Orthacea Woodward 1852
- Loriolithyris* Middlemiss 1968
 Terebratulacea Gray 1840
- Losvia* Breivel&Breivel 1976
 Rhynchonellacea Gray 1848
- Lowenstamia* Stehli 1961
 Dielasmatacea Schuchert 1913
- Loxophragmus* Cooper&Grant 1974
 Lyttoniacea Waagen 1883
- Luanquilla* Garcia-Alcalde&Racheboeuf 1978
 Chonetacea Bronn 1862
- Ludfordina* Kelly 1967
 Strophomenacea King 1846
- Luhaia* Roomusoks 1956
 Strophomenacea King 1846
- Lunaria* Ching,Sun&Ye 1979
 Rhynchonellacea Gray 1848
- Lunpolaia* Ching&Ye 1977
 Terebratulacea Gray 1840
- Luofuia* Xu 1977
 Plicanoplitacea Xu 1977
- Theodossia praesuperbus* Breivel&Breivel 1977
 Devonian
- Loczyella nankinensis* Frech 1901
 Permian
- Rhipidomella lehuquetiana* Clarke 1907
 Devonian
- Loilemia proxima* Reed 1936
 Silurian
- Lomatiphora aquila* Roberts 1971
 Mississippian
- Longdongshuia subaequata* Hou&Xian 1975
 Devonian
- Chonetes emmetensis* Winchell 1866
 Devonian
- Najdinothyris longa* Katz 1973
 Cretaceous
- Strophomena grandis* Sowerby 1839
 Ordovician
- Protorthis dougaldensis* Walcott 1905
 Cambrian
- Lophrothyris lophus* Buckman 1917
 Jurassic
- Orthotetes ruber* Frech 1911
 Permian
- Lorangerella phaulomorpha* Crickmay 1963
 Devonian
- Lordorthis variabilis* Ross 1959
 Ordovician
- Terebratula russillensis* Loriol 1866
 Cretaceous
- Pugnoides operosa* Khodalevich 1951
 Devonian
- Lowenstamia texana* Stehli 1961
 Permian
- Loxophragmus ellipticus* Cooper&Grant 1974
 Permian
- Luanquilla cantabriensis* Garcia-Alcalde et al 1978
 Devonian
- Ludfordina pixis* Kelly 1967
 Silurian
- Luhaia vardi* Roomusoks 1956
 Ordovician
- Lunaria dorsata* Ching,Sun&Ye 1979
 Triassic
- Lunpolaia cymbaliformis* Ching&Ye 1979
 Cretaceous
- Luofuia delicata* Xu 1977
 Devonian

- Lutetiarcula* Elliott 1954
 Terebratellacea King 1850
- Lycophoria* Lahusen 1886
 Porambonitacea Davidson 1853
- Lyra* Cumberland 1818
 Terebratellacea King 1850
- Lytha* Fredericks 1924
 Spiriferacea King 1846
- Lyttonia* Waagen 1883
 Lyttoniaceae Waagen 1893
- Maakina* Andreeva 1961
 Strophomenacea King 1846
- Macandrevia* King 1859
 Terebratellacea King 1850
- Machaeraria* Cooper 1955
 Rhynchonellacea Gray 1848
- Mackerrovia* Cocks 1968
 Strophomenacea King 1846
- Maclarenella* Stehli 1955
 Dielasmatacea Schuchert 1913
- Macrocoelia* Cooper 1956
 Strophomenacea King 1846
- Macroleptane* Cossmann 1909
 Stringocephalacea King 1850
- Macropleura* Roucot 1963
 Cyrtiacea Fredericks 1924
- Macropotamorrhynchus* Sartenaer 1970
 Rhynchonellacea Gray 1848
- Madarosia* Cooper&Grant 1976
 Rhynchonellacea Gray 1848
- Magadania* Ganelin 1977
 Productacea Gray 1840
- Magadina* Thomson 1915
 Terebratellacea King 1850
- Magadinella* Thomson 1915
 Terebratellacea King 1850
- Magas* Sowerby 1818
 Terebratellacea King 1850
- Magasella* Dall 1870
 Terebratellacea King 1850
- Magella* Thomson 1915
 Terebratellacea King 1850
- Magellania* Rayle 1880
 Terebratellacea King 1850
- Magharithyris* Farag&Gatinaud 1960
 Terebratulacea Gray 1840
- Magnicanalis* Rowell 1962
 Obolellacea Walcott&Schuchert 1908
- Lutetiarcula perplexa* Elliott 1954
 Tertiary
- Atrypa nucella* Dalman 1828
 Ordovician
- Lyra meadi* Cumberland 1818
 Cretaceous
- Spiriferella tschernyschewiana* Fredericks 1916
 Mississippian
- Lyttonia nobilis* Waagen 1883
 Permian
- Opikina kulinnensis* Andreeva 1961
 Ordovician
- Terebratula cranium* Muller 1776
 Tertiary-Recent
- Rhynchonella formosa* Hall 1857
 Devonian
- Brachyprion arenaceus* Lamont&Gilbert 1945
 Silurian
- Maclarenella maculosa* Stehli 1955
 Devonian
- Macrocoelia obesa* Cooper 1956
 Ordovician
- Denckmannia circularis* Holzapfel 1908
 Devonian
- Delthyris macropleurus* Conrad 1840
 Silurian-Devonian
- Camarotoechia mitchelleanensis* Vaughan 1905
 Mississippian
- Madarosia anterolamellata* Cooper&Grant 1976
 Permian
- Cancrinella bajkurica* Ustritsky 1963
 Permian
- Magadina browni* Thomson 1915
 Cretaceous-Recent
- Magasella woodsiana* Tate 1880
 Tertiary
- Magas pumilis* Sowerby 1818
 Cretaceous
- Terebratella evansii* Davidson 1852
 Tertiary-Recent
- Magella carinata* Thomson 1915
 Tertiary-Recent
- Terebratula australis* Quoy&Gaimard 1834
 Tertiary-Recent
- Magharithyris triplicata* Farag&Gatinaud 1960
 Jurassic
- Obolella mobergi* Walcott 1901
 Cambrian

- Magnithyris* Sahni 1925
 Terebratulacea Gray 1840
- Magniventra* Harber&Roucot 1978
 Stropheodontacea Caster 1939
- Magnumbonella* Carter 1968
 Productacea Gray 1840
- Majkopella* Moisseiev 1962
 Athyridacea McCoy 1844
- Makridinirhynchia* Sucic-Protic 1969
 Rhynchonellacea Gray 1848
- Malayanoplia* Hamada 1969
 Chonetacea Bronn 1862
- Malleia* Thomson 1927
 Terebratellacea King 1850
- Malurostrophia* Campbell&Talent 1967
 Strophomenacea King 1846
- Malwirhynchia* Chiplonker 1938
 Rhynchonellacea Gray 1848
- Mametothyris* Smirnova 1969
 Loboidothyridacea Makridin 1964
- Mammosum* Gregorio 1930
 Davidsoniacea King 1850
- Manithyris* Foster 1974
 Rhynchonellacea Gray 1848
- Mannia* Davidson 1874
 Rhynchonellacea Gray 1848
- Mansina* Andreeva 1977
 Strophomenacea King 1846
- Maorielasma* Waterhouse 1964
 Dielasmatacea Schuchert 1913
- Maoristrophia* Allan 1947
 Strophomenacea King 1846
- Marcharella* Andreeva 1968
 Orthacea Woodward 1952
- Marginalosia* Waterhouse 1978
 Strophalosiacea Schuchert 1913
- Marginatia* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Marginicinctus* Sutton 1938
 Productacea Gray 1840
- Marginifera* Waagen 1884
 Productacea Gray 1840
- Marginirugus* Sutton 1938
 Productacea Gray 1840
- Mariannaella* Sapelnikov et al 1975
 Stricklandiacea Schuchert&Cooper 1931
- Marinurnula* Waterhouse 1964
 Dielasmatacea Schuchert 1913
- Magnithyris magna* Sahni 1925
 Cretaceous
- Strophomena magniventra* Hall 1857
 Devonian
- Magnumbonella macrura* Carter 1968
 Mississippian
- Athyris worobiewi* Moisseiev 1947
 Triassic
- Makridinirhynchia makridini* Sucic-Protic 1969
 Jurassic
- Malayanoplia demiluna* Hamada 1969
 Devonian-Carboniferous
- Terebratella portlandica* Chapman 1913
 Tertiary
- Malurostrophia flabellicauda* Campbell&Talent 1967
 Devonian
- Malwirhynchia transversalis* Chiplonker 1938
 Cretaceous
- Mametothyris mametica* Smirnova 1969
 Cretaceous
- Mammosum ipsum* Gregorio 1930
 Permian
- Manithyris rossi* Foster 1974
 Recent
- Mannia nysti* Dewalque 1868
 Tertiary
- Mansina uralica* Andreeva 1977
 Ordovician
- Maorielasma imperatum* Waterhouse 1964
 Permian
- Maoristrophia neozelanica* Allan 1947
 Devonian
- Marcharella marchensis* Andreeva 1968
 Cambrian
- Echinalosia kalikotei* Waterhouse 1975
 Permian
- Productus fernglenensis* Weller 1909
 Mississippian
- Productus marginicinctus* Prout 1857
 Mississippian
- Marginifera typica* Waagen 1884
 Permian
- Productus magnus* Meek&Worthen 1862
 Mississippian
- Clorindina koksengirensis* Borissiak 1975
 Silurian
- Marinurnula rugulata* Waterhouse 1964
 Permian

- Marionites Cooper&Muir-Wood 1951
 Orthacea Woodward 1952
- Markitoechia Havlicek 1959
 Rhynchonellacea Gray 1848
- Marklandella Harper,Boucot&Walmsley 1969
 Enteletacea Waagen 1984
- Martellia Wirth 1936
 Clitambonitacea Winchell&Schuchert 1893
- Martellispirifer Gatinaud 1949
 Spiriferacea King 1846
- Martinia McCoy 1844
 Reticulariacea Waagen 1883
- Martiniella Grabau&Tien 1931
 Reticulariacea Waagen 1883
- Martiniopsis Waagen 1983
 Reticulariacea Waagen 1883
- Martinothyris Minato 1953
 Reticulariacea Waagen 1883
- Matutella Cooper 1951
 Billingsellacea Schuchert 1893
- Mauispirifer Allan 1947
 Spiriferacea King 1846
- Maxillirhynchia Buckman 1917
 Rhynchonellacea Gray 1848
- Mcewanella Foerste 1920
 Orthacea Woodward 1852
- McLearnites Caster 1945
 Strophomenacea King 1846
- McLearnitesella Harper&Boucot 1978
 Stropheodontacea Caster 1939
- Medessia Andreeva 1960
 Porambonitacea Davidson 1853
- Mediospirifer Rublichenko 1956
 Spiriferacea King 1846
- Mediterraneanrhynchia Sucic-Protic 1969
 Rhynchonellacea Gray 1848
- Meekella White&St.John 1867
 Derbyiacea Stehli 1954
- Megachonetes Sokolskaja 1950
 Chonetacea Bronn 1862
- Megakozlowskiella Boucot 1957
 Spiriferacea King 1846
- Megalopterorhynchus Sartenaer 1965
 Rhynchonellacea Gray 1848
- Megamyonia Wang 1949
 Strophomenacea King 1846
- Meqanterella Boucot 1959
 Stringocephalacea King 1850
- Marionella typa Bancroft 1928
 Ordovician
- Uncinulus marki Havlicek 1956
 Devonian
- Marklandella giraldi Harper et al 1969
 Silurian
- Orthosina giraldii Martelli 1901
 Ordovician
- Spirifer verneuili Martelli 1902
 Devonian
- Spirifer glaber Sowerby 1820
 Mississippian-Permian
- Martiniella nasuta Grabau 1931
 Carboniferous
- Martiniopsis inflata Waagen 1883
 Pennsylvanian-Permian
- Terebratula lineata Sowerby 1822
 Mississippian
- Matutella clarki Cooper 1951
 Cambrian
- Mauispirifer hectori Allan 1947
 Devonian
- Maxillirhynchia implicata Buckman 1917
 Jurassic
- Platystrophia fernvalensis McEwan 1919
 Ordovician
- Brachyprion mertoni McLearn 1924
 Silurian
- McLearnites hickoxi Harper&Boucot 1978
 Silurian-Devonian
- Medessia uralica Andreeva 1960
 Ordovician
- Delthyris medialis Hall 1843
 Devonian
- Mediterraneanrhynchia mediterranea Sucic-Protic 1969
 Jurassic
- Plicatula striatocostata Cox 1857
 Mississippian-Permian
- Chonetes compressa Sibly 1908
 Devonian-Mississippian
- Spirifer perlamellosus Hall 1857
 Silurian-Devonian
- Megalopterorhynchus haynesi Sartenaer 1965
 Devonian
- Megamyonia knighti Wang 1949
 Ordovician
- Meqanterella finksi Boucot 1959
 Devonian

- Meganteris* Suess 1855
 Stringocephalacea King 1850
- Megapleuronia* Cooper 1952
 Eichwaldiacea Schuchert 1893
- Megasalopina* Roucot, Gauri & Johnson 1966
 Enteletacea Waagen 1884
- Megasteges* Waterhouse 1975
 Aulostegacea Muir-Wood & Cooper 1960
- Megastrophia* Caster 1939
 Strophomenacea King 1846
- Megastrophietta* Harper & Roucot 1972
 Stropheodontacea Caster 1939
- Megathiris* Orbigny 1847
 Terebratellacea King 1850
- Megerlia* King 1850
 Terebratellacea King 1850
- Megerlina* Deslongchamps 1884
 Terebratellacea King 1850
- Megousia* Muir-Wood & Cooper 1960
 Productacea Gray 1840
- Megumatrypa* Harper 1973
 Atrypacea Gill 1871
- Meifodia* Williams 1951
 Atrypacea Gill 1871
- Mendacella* Cooper 1930
 Enteletacea Waagen 1884
- Mendathyris* Cloud 1942
 Stringocephalacea King 1850
- Mennespirifer* Ljaschenko 1973
 Spiriferacea King 1846
- Mentzelia* Quenstedt 1871
 Reticulariacea Waagen 1883
- Mentzelioides* Dagys 1974
 Spiriferinacea Davidson 1884
- Mentzeliopsis* Trechmann 1918
 Spiriferinacea Davidson 1884
- Meonia* Steinich 1963
 Terebratulacea Gray 1840
- Merciella* Lamont & Gilbert 1945
 Plectambonitacea Jones 1928
- Merista* Suess 1851
 Athyridacea McCoy 1844
- Meristella* Hall 1860
 Athyridacea McCoy 1844
- Meristina* Hall 1867
 Athyridacea McCoy 1844
- Meristoryma* Carter 1974
 Spiriferacea King 1846
- Terebratula archiaci* Verneuil 1850
 Devonian
- Productus fabianii* Greco 1947
 Permian
- Palmanella elevata* Williams & Rreger 1916
 Devonian
- Megasteges nepalensis* Waterhouse 1975
 Permian
- Stropheodonta concava* Hall 1857
 Silurian-Devonian
- Stropheodonta iddingsi* Merriam 1940
 Devonian
- Anomia detruncata* Gmelin 1792
 Cretaceous-Recent
- Anomia truncata* Linne 1767
 Tertiary-Recent
- Kraussia Lamarckiana* Davidson 1852
 Tertiary-Recent
- Megousia auriculata* Muir-Wood & Cooper 1960
 Permian
- Megumatrypa glencoensis* Harper 1973
 Silurian
- Hemithyris subundata* McCoy 1851
 Silurian
- Orthis uberis* Billings 1866
 Ordovician-Devonian
- Rensselaeria mainensis* Williams 1900
 Devonian
- Uchtospirifer menneri* Ljaschenko 1959
 Devonian
- Spirifer medianus* Quenstedt 1852
 Triassic
- Mentzeliopsis meridialis* Dagys 1963
 Triassic
- Mentzeliopsis spinosa* Trechmann 1918
 Triassic
- Terebratulina semiglobularis* Posselt 1894
 Cretaceous
- Leptella vesper* Lamont & Gilbert 1945
 Ordovician-Silurian
- Terebratula herculea* Barrande 1847
 Silurian-Devonian
- Atrypa laevis* Vanuxem 1842
 Devonian
- Meristella maria* Hall 1863
 Silurian-Devonian
- Meristorygma arctica* Carter 1974
 Pennsylvanian

- Meristospira* Grabau 1910
 Athyridacea McCoy 1844
- Merospirifer* Reed 1949
 Reticulariaceae Waaqen 1883
- Mesodalmanella* Havlicek 1950
 Enteletacea Waaqen 1884
- Mesodouviella* Harper&Boucot 1978
 Stropheodontacea Caster 1939
- Mesodouvillina* Williams 1950
 Strophomenacea King 1846
- Mesoleptostrophia* Harper&Boucot 1978
 Stropheodontacea Caster 1939
- Mesolissostrophia* Williams 1950
 Strophomenacea King 1846
- Mesolobus* Dunbar&Condra 1932
 Chonetacea Bronn 1862
- Mesonomia* Ulrich&Cooper 1936
 Porambonitacea Davidson 1853
- Mesopholidostrophia* Williams 1950
 Strophomenacea King 1846
- Mesoplica* Reed 1943
 Productacea Gray 1840
- Mesotreta* Kutorqa 1842
 Uncertain
- Metabolipa* Godefroid 1974
 Pentameracea McCoy 1844
- Metacamarella* Reed 1917
 Pentameracea McCoy 1844
- Metaplasia* Hall&Clarke 1893
 Cyrtiacea Fredericks 1924
- Metorthis* Wang 1955
 Orthacea Woodward 1852
- Metriolepis* Cooper&Grant 1976
 Spiriferinacea Davidson 1884
- Mezounia* Havlicek 1967
 Plectambonitacea Jones 1928
- Miaohuangrhynchus* Yanq 1977
 Rhynchonellacea Gray 1848
- Micella* Ovtsharenko 1976
 Zeilleriaceae Allan 1940
- Micidus* Chatterton 1973
 Stringocephalacea King 1850
- Mickwitzia* Schmidt 1888
 Paterinacea Schuchert 1893
- Micraphelia* Cooper&Grant 1969
 Chonetacea Bronn 1862
- Microcardinalia* Poucot&Ehlers 1963
 Pentameracea McCoy 1844
- Meristospira michiganense* Grabau 1910
 Devonian
- Martinia insolita* Reed 1949
 Mississippian
- Mesodalmanella flava* Havlicek 1950
 Ordovician
- Mclearnites invasor* Johnson 1970
 Devonian
- Stropheodonta subinterstitialis* Kozlowski 1929
 Silurian
- Mesoleptostrophia kartalensis* Harper&Boucot 1978
 Ordovician-Devonian
- Lissostrophia pellucida* Williams 1950
 Silurian
- Chonetes mesolobus* Norwood&Pratten 1855
 Pennsylvanian-Permian
- Eoorthis iophon* Walcott 1924
 Cambrian-Ordovician
- Pholidostrophia nitens* Williams 1950
 Silurian
- Leptaena praelonga* Sowerby 1840
 Devonian
- Siphonotreta tentorium* Kutorqa 1848
 Ordovician
- Pentamerus greindli* Maillieux 1909
 Devonian
- Stricklandinia balcletchiensis* Davidson 1883
 Ordovician
- Spirifer pyxidatus* Hall 1859
 Devonian
- Metorthis alata* Wang 1955
 Ordovician
- Metriolepis pulvinata* Cooper&Grant 1976
 Permian
- Strophomena bicuspis* Barrande 1879
 Silurian
- Miaohuangrhynchus uncinuliformis* Yanq 1977
 Devonian
- Gusarella makridini* Pajhariskaja 1968
 Jurassic
- Micidus shandkyddi* Chatterton 1973
 Devonian
- Lingula monilifera* Linnarsson 1869
 Cambrian
- Micraphelia scitula* Cooper&Grant 1969
 Permian
- Stricklandinia triplexiana* Foerste 1890
 Silurian

- Micromitra* Meek 1873
 Paterinacea Schuchert 1893
- Microrhynchia* Muir-Wood 1952
 Rhynchonellacea Gray 1848
- Microsphaeridiorhynchus* Sartenaer 1970
 Rhynchonellacea Gray 1848
- Microthyridina* Schuchert&LeVene 1929
 Zeilleriaceae Allan 1940
- Microtrypa* Wilson 1945
 Strophomenacea King 1846
- Millythyris* Almeras 1971
 Terebratulacea Gray 1840
- Mimaria* Cooper&Grant 1976
 Dielasmatacea Schuchert 1913
- Mimatrypa* Struve 1964
 Atrypacea Gill 1871
- Mimella* Cooper 1930
 Orthacea Woodward 1852
- Minatothyris* Vandercammen 1957
 Reticulariaceae Waagen 1883
- Miniplanus* Waterhouse&Piyasin 1970
 Davidsoniaceae King 1850
- Miniprokopia* Havlicek 1971
 Enteletacea Waagen 1884
- Minororthis* Ivanov 1950
 Uncertain
- Minutilla* Crickmay 1967
 Spiriferacea King 1846
- Minutostropheodonta* Harper&Roucot 1978
 Stropheodontacea Caster 1939
- Miogryphus* Hertlein&Grant 1944
 Terebratellacea King 1850
- Mirantesia* Mohanti 1972
 Rhynchonellacea Gray 1848
- Mirifusella* Carter 1971
 Spiriferacea King 1846
- Mirisquamea* Susic-Protic 1971
 Loboidothyridacea Makridin 1964
- Mirtellaspirifer* Gatinaud 1949
 Spiriferacea King 1846
- Misolia* Seidlitz 1913
 Athyrisinacea Grabau 1931
- Miyakothyris* Hatai 1938
 Terebratellacea King 1850
- Mjoesina* Spjeltnes 1957
 Strophomenacea King 1846
- Mobergia* Redlich 1899
 Acrotretacea Schuchert 1893
- Iphidea* sculptilis Meek 1873
 Cambrian
- Microrhynchia* barnackensis Muir-Wood 1952
 Jurassic
- Rhynchonella* litchfieldensis Schuchert 1903
 Silurian-Devonian
- Terebratulites* lagenalis Schlotheim 1820
 Jurassic
- Microtrypa* altilis Wilson 1945
 Ordovician
- Millythyris* millyensis Almeras 1971
 Jurassic
- Dielasma* Lepton Gemmellaro 1894
 Permian
- Terebratula* nrisca Roemer 1844
 Devonian
- Pionodema* globosa Willard 1928
 Ordovician
- Spirifer* euryglossus Schnur 1851
 Devonian
- Miniplanus* minuta Waterhouse&Piyasin 1970
 Permian
- Miniprokopia* miniconcha Havlicek 1971
 Devonian
- Minororthis* nalivkini Ivanov 1950
 Ordovician
- Acutatheca* layeri Crickmay 1967
 Devonian
- Leptaena* subtransversa Schnur 1853
 Devonian
- Miogryphus* willetti Hertlein&Grant 1944
 Tertiary
- Mirantesia* mirantana Mohanti 1972
 Devonian
- Mirifusella* fortunata Carter 1971
 Mississippian
- Lobothyris* punctata Ager 1956
 Jurassic
- Spirifer* martelli Grabau 1931
 Devonian
- Misolia* misolica Seidlitz 1913
 Triassic
- Nipponithyris* subovata Hatai 1936
 Tertiary
- Rafinesquina* mjoesensis Holtedahl 1916
 Ordovician
- Mobergia* granulata Redlich 1899
 Cambrian

- Modestella* Owen 1961
 Zeilleriaceae Allan 1940
- Moeschia* Roullier 1976
 Terebratulacea Gray 1840
- Mogoktella* Andreeva 1968
 Porambonitacea Davidson 1853
- Moisseevia* Makridin 1964
 Terebratulacea Gray 1840
- Moisseevia* Dagys 1963
 Rhynchonellacea Gray 1848
- Molongella* Savage 1974
 Dalmanellacea Schuchert 1913
- Molongia* Mitchell 1921
 Athyrisinacea Grabau 1931
- Monadotoechia* Havlicek 1960
 Rhynchonellacea Gray 1848
- Monelasmina* Cooper 1955
 Enteletacea Waagen 1884
- Mongolella* Alekseeva 1976
 Mongolellacea Alekseeva 1976
- Mongoliella* Ischnazarov 1972
 Productacea Gray 1840
- Mongolina* Grabau 1931
 Dielasmatacea Schuchert 1913
- Mongoliopsis* Grunt 1977
 Delthyridacea Phillips 1841
- Mongolirhynchia* Hou&Zhao 1976
 Rhynchonellacea Gray 1848
- Mongolosia* Manankov&Pavlova 1976
 Strophalosiacea Schuchert 1913
- Mongolospira* Alekseeva 1977
 Retziacea Waagen 1883
- Monobolina* Salter 1866
 Lingulacea Menke 1828
- Monoconvexa* Pelman 1977
 Obolellacea Walcott&Schuchert 1908
- Monomerella* Billings 1871
 Trimerellacea Davidson&King 1872
- Monorthis* Bates 1968
 Orthacea Woodward 1852
- Monsardithyris* Almeras 1971
 Terebratulacea Gray 1840
- Montanella* Ovtsharenko 1976
 Zeilleriaceae Allan 1940
- Monticlarella* Wisniewska 1932
 Rhynchonellacea Gray 1848
- Monticulifera* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Modestella modesta* Owen 1961
 Cretaceous
- Terebratula alata* Rollet 1972
 Jurassic
- Mogoktella islendica* Andreeva 1968
 Cambrian
- Moisseevia sokolovi* Makridin 1964
 Jurassic
- Moisseevia moisseievi* Dagys 1963
 Triassic
- Molongella talenti* Savaae 1974
 Devonian
- Molongia elegans* Mitchell 1921
 Silurian-Devonian
- Terebratula monas* Barrande 1847
 Devonian
- Orthis deshayesi* Rigaux 1873
 Devonian
- Mongolella altaica* Alekseeva 1976
 Devonian
- Mongoliella sukokentica* Ischnazarov 1972
 Devonian
- Mongolina subdieneri* Grabau 1931
 Permian
- Mongoliopsis orkheinensis* Grunt 1977
 Mississippian
- Mongolirhynchia delitescens* Hou&Zhao 1976
 Silurian
- Mongolosia morenkovi* Manankov&Pavlova 1976
 Permian
- Mongolospira turgensis* Alekseeva 1977
 Devonian
- Lingula plumbea* Salter 1859
 Ordovician
- Monoconvexa monoconvexa* Pelman 1977
 Cambrian
- Monomerella prisca* Billings 1871
 Silurian
- Monorthis typis* Bates 1968
 Ordovician
- Terebratula ventricosa* Hartmann 1830
 Jurassic
- Gusarella longa* Prosorovskaja 1968
 Jurassic
- Rhynchonella czenstochowiensis* Roemer 1870
 Jurassic
- Productus intermedius* Frech 1911
 Permian

- Moorefieldella Girty 1911
 Rhynchonellacea Gray 1848
- Moorellina Elliott 1953
 Thecideacea Gray 1840
- Moquellina Ching, Sun & Ye 1979
 Rhynchonellacea Gray 1848
- Moraviaturia Sahni 1960
 Terebratulacea Gray 1840
- Moravilla Havlicek 1953
 Cyrtiacea Fredericks 1924
- Moravostrophia Havlicek 1962
 Strophomenacea King 1846
- Morganella McKellar 1970
 Productacea Gray 1840
- Morinorhynchus Havlicek 1965
 Orthotetacea Waagen 1884
- Morrisia Davidson 1852
 Terebratellacea King 1850
- Morrisina Grabau 1931
 Dielasmatacea Schuchert 1913
- Morrisithyris Almeras 1971
 Terebratulacea Gray 1840
- Mosquella Makridin 1955
 Rhynchonellacea Gray 1848
- Moumina Fredericks 1924
 Reticulariacea Waagen 1883
- Moutonithyris Middlemiss 1976
 Terebratulacea Gray 1840
- Mucrospirifer Grabau 1931
 Spiriferacea King 1846
- Muirwoodella Tchorschewsky 1974
 Loboidothyridacea Makridin 1964
- Muirwoodia Licharew 1947
 Productacea Gray 1840
- Multicosta Khodalevich & Breivel 1977
 Pentameracea McCoy 1844
- Multicostella Schuchert & Cooper 1931
 Orthacea Woodward 1852
- Multispinula Rowell 1962
 Siphonotretacea Kutorga 1848
- Multispirifer Kaplun 1961
 Cyrtiacea Fredericks 1924
- Munnella Neuman 1971
 Orthacea Woodward 1852
- Munieratrypa Mizens et al 1979
 Atrypacea Gill 1871
- Muriferella Johnson & Talent 1967
 Enteletacea Waagen 1884
- Rhynchonella eurekensis Walcott 1884
 Mississippian
- Thecidea duplicata Moore 1855
 Triassic-Jurassic
- Moquellina arcuata Ching, Sun & Ye 1979
 Jurassic
- Terebratula diphimorpha Stoliczka 1872
 Cretaceous
- Moravilla ficneri Havlicek 1953
 Devonian
- Strophomena interstitialis Smycka 1897
 Devonian
- Morganella maxwelli McKellar 1970
 Devonian
- Morinorhynchus dalmanelliformis Havlicek 1965
 Silurian
- Terebratula seminulum Philippi 1836
 Tertiary-Recent
- Hemiptychina sparsiplicata Waagen 1882
 Permian
- Terebratula phillipsii Morris 1847
 Jurassic
- Terebratula oxyoptycha Fischer 1843
 Jurassic
- Martinia incerta Tschernyschew 1902
 Permian
- Terebratula moutoniana Orbnigny 1849
 Cretaceous
- Delthyris mucronata Conrad 1841
 Devonian
- Muirwoodella muirwoodae Tchorschewsky 1974
 Jurassic
- Productus mammatus Keyserling 1846
 Pennsylvanian-Permian
- Gypidula osturalica Khodalevich & Breivel 1959
 Devonian
- Orthis saffordi Hall & Clarke 1892
 Ordovician
- Schizambon macrothyris Cooper 1956
 Ordovician
- Spirifer solitarius Krantz 1857
 Devonian
- Munnella cummingi Neuman 1971
 Ordovician
- Punctatrypa munieri Rzonstizkaja 1975
 Devonian
- Muriferella masurskyi Johnson & Talent 1967
 Devonian

- Murinella* Cooper 1956
 Strophomenacea King 1846
- Murravia* Thomson 1916
 Terebratulacea Gray 1840
- Musculina* Schuchert&LeVene 1929
 Terebratulacea Gray 1840
- Mutationella* Kozlowski 1929
 Stringocephalacea King 1850
- Myotreta* Gorjansky 1969
 Acrotretacea Schuchert 1893
- Myriospirifer* Havlicek 1978
 Cyrtiacea Fredericks 1924
- Mystrophora* Kayser 1871
 Enteletacea Waagen 1884
- Nabarredia* Havlicek&Racheboeuf 1979
 Chonetacea Bronn 1862
- Nabiaoia* Xu 1979
 Plectambonitacea Jones 1928
- Nadiastrophia* Talent 1963
 Strophomenacea King 1846
- Najadospirifer* Havlicek 1957
 Reticulariacea Waagen 1883
- Najdinothyris* Makridin&Katz 1964
 Terebratulacea Gray 1840
- Nakazatothyris* Minato&Kato 1977
 Reticulariacea Waagen 1883
- Nalivkinaria* Rzonstnitszkaja 1968
 Rhynchonellacea Gray 1848
- Nalivkinella* Popov 1974
 Loboidothyridacea Makridin 1964
- Nalivkinia* Bublichenko 1928
 Atrypacea Gill 1871
- Nanambonites* Liu 1976
 Plectambonitacea Jones 1928
- Nannirhynchia* Ruckman 1917
 Rhynchonellacea Gray 1848
- Nanorthis* Ulrich&Cooper 1936
 Orthacea Woodward 1852
- Nanospira* Amsden 1949
 Atrypacea Gill 1871
- Nanothyris* Cloud 1942
 Stringocephalacea King 1850
- Nantanella* Grabau 1936
 Rhynchonellacea Gray 1848
- Nanukidium* Jones 1979
 Pentameracea McCoy 1844
- Naradanithyris* Tokuyama 1958
 Terebratulacea Gray 1840
- Murinella partita* Cooper 1956
 Ordovician
- Terebratulina catinuliformis* Tate 1896
 Tertiary-Recent
- Terebratula biplicata* Buch 1834
 Cretaceous
- Waldheimia podolica* Siemiradzki 1906
 Devonian
- Myotreta crassa* Gorjansky 1969
 Ordovician
- Myriospirifer myriofila* Havlicek 1978
 Devonian
- Orthis areola* Quenstedt 1871
 Devonian
- Chonetes minor* Barrande 1879
 Silurian
- Nabiaoia pusilla* Xu 1979
 Devonian
- Nadiastrophia superba* Talent 1963
 Devonian
- Spirifer najadum* Barrande 1848
 Devonian
- Terebratula beksii* Roemer 1841
 Cretaceous
- Undispirifer vandercammeni* Minato&Kato 1977
 Devonian
- Nalivkinaria lacunata* Rzonstnitszkaja 1968
 Devonian
- Nalivkinella nalivkini* Popov 1974
 Jurassic
- Atrypa gruenwaldtiaeformis* Peetz 1901
 Silurian-Devonian
- Nanambonites paucus* Liu 1976
 Ordovician
- Nannirhynchia subpygmaea* Ruckman 1917
 Jurassic
- Orthis hamburgensis* Walcott 1884
 Ordovician
- Nanospira parvula* Amsden 1949
 Silurian
- Meganteris mutabilis* Hall 1857
 Devonian
- Nantanella mapingensis* Grabau 1936
 Permian
- Rossella arctica* Jones 1978
 Silurian
- Naradanithyris kuratai* Tokuyama 1958
 Jurassic

- Nayunnella Sartenaer* 1961
 Rhynchonellacea Gray 1848
- Neatrypa* Struve 1964
 Atrypacea Gill 1871
- Nebenothyris* Minato 1953
 Reticulariaceae Waaqen 1883
- Nekhoroshevia* Bublichenko 1956
 Rhynchonellacea Gray 1848
- Nematocrania* Grant 1975
 Craniacea Menke 1828
- Nemesa* Schmidt 1941
 Phynchonellacea Gray 1848
- Neobolus* Waaqen 1885
 Acrotretacea Schuchert 1893
- Neobouchardia* Thomson 1927
 Terebratulaceae King 1850
- Neochonetes* Muir-Wood 1962
 Chonetacea Bronn 1862
- Neocoelia* McKellar 1966
 Daryiacea Waaqen 1883
- Neocyrtina* Yang&Xu 1966
 Cyrtiacea Fredericks 1924
- Neodelthyris* Hou 1963
 Spiriferacea King 1846
- Neofascicosta* Xu 1978
 Rhynchonellacea Gray 1848
- Neogyridula* Licharew 1934
 Uncertain
- Neohemithyris* Yabe&Hatai 1934
 Rhynchonellacea Gray 1848
- Neokarpinskia* Mizens 1977
 Atrypacea Gill 1871
- Neokjaerina* Levy&Nullo 1974
 Strophomenacea King 1846
- Neoliothyridina* Sahni 1925
 Terebratulaceae Gray 1840
- Neometabolipa* Godefroid 1974
 Pentameracea McCoy 1844
- Neomunella* Ozaki 1931
 Spiriferacea King 1846
- Neophricadothyris* Licharew 1934
 Reticulariaceae Waaqen 1883
- Neoplicatifera* Ching&Liao&Fang 1974
 Productacea Gray 1840
- Neoretzia* Daqys 1963
 Retziacea Waaqen 1883
- Neorhynchia* Thomson 1915
 Phynchonellacea Gray 1848
- Yunnanella synplicata* Grabau 1931
 Devonian
- Desquamatia europaea* Struve 1964
 Devonian
- Nebenothyris lineatus* Minato 1953
 Mississippian
- Nekhoroshevia altaica* Bublichenko 1956
 Devonian
- Nematocrania crassa* Grant 1976
 Permian
- Nemesa nemesana* Schmidt 1941
 Devonian
- Neobolus warthi* Waaqen 1885
 Cambrian
- Bouchardia minima* Thomson 1918
 Tertiary
- Chonetes dominus* King 1938
 Pennsylvanian-Permian
- Neocoelia boucoti* McKellar 1966
 Devonian
- Neocyrtina mixodeltidiumosa* Yang&Xu 1966
 Triassic
- Neodelthyris sinensis* Hou 1963
 Devonian
- Neofascicosta pulchra* Xu 1978
 Triassic
- Pentamerus darvasicus* Tschernyschew
 Permian
- Rhynchonella lucida* Gould 1861
 Recent
- Karpinskia ivdelensis* Khodalevich 1937
 Devonian
- Kjaerina florentina* Levy&Nullo 1974
 Ordovician
- Neoliothyridina obesa* Sahni 1925
 Cretaceous
- Neometabolipa duponti* Godefroid 1974
 Devonian
- Spirifer chaoi* Ozaki 1931
 Pennsylvanian
- Squamularia asiatica* Chao 1929
 Permian
- Plicatifera huangi* Ustritsky 1960
 Permian
- Retzia superbescens* Bittner 1890
 Triassic
- Hemithyris strebeli* Dall 1908
 Recent

- Neospirifer* Fredericks 1924
Spiriferacea King 1946
- Neospirigerina* Rzonstnizkaja 1975
Atrypacea Gill 1871
- Neostrophia* Ulrich&Cooper 1936
Porambonitacea Davidson 1853
- Neothecidella* Pajaud 1970
Thecideacea Gray 1847
- Neothyris* Douville 1879
Terebratulacea King 1850
- Neotreta* Sobolev 1976
Acrotretacea Schuchert 1893
- Neowellerella* Dagys 1974
Rhynchonellacea Gray 1848
- Nepasitoechia* Havlicek 1979
Rhynchonellacea Gray 1848
- Nereidella* Wang 1955
Enteletacea Waagen 1884
- Nervostrophia* Caster 1939
Strophomenacea King 1846
- Neumanella* Harper&Roucot 1978
Stropheodontacea Caster 1939
- Neumayrithyris* Tokuyama 1958
Terebratulacea Gray 1840
- Nicolella* Reed 1917
Orthacea Woodward 1852
- Nigeroplica* Nalivkin 1975
Productacea Gray 1840
- Nikiforovaena* Roucot 1963
Cyrtiacea Fredericks 1924
- Ningbingella* Roberts 1971
Rhynchonellacea Gray 1848
- Ninglangothyris* Jin&Fang 1977
Dielasmatacea Schuchert 1913
- Nipponithyris* Yabe&Hatai 1934
Terebratulacea King 1850
- Nisusia* Walcott 1905
Rillingsellacea Schuchert 1893
- Niviconia* Cooper&Grant 1974
Derbyiacea Stehli 1954
- Nix* Easton 1962
Chonetacea Bronn 1867
- Nocturnellia* Havlicek 1950
Enteletacea Waagen 1884
- Nodella* Tachibana 1964
Productacea Gray 1840
- Noetlingia* Hall&Clarke 1893
Porambonitacea Davidson 1853
- Spirifer fasciger* Keyserling 1846
 Pennsylvanian-Permian
- Plectatrypa ossa* Nalivkin 1960
 Devonian
- Neostrophia subcostata* Ulrich&Cooper 1936
 Ordovician
- Thecidea antiqua* Goldfuss 1840
 Jurassic
- Terebratula lenticularis* Deshayes 1839
 Tertiary-Recent
- Neotreta tumida* Sobolev 1976
 Cambrian
- Neowellerella vesca* Dagys 1974
 Triassic
- Nepasitoechia sartenaeri* Havlicek 1979
 Mississippian
- Nereidella typa* Wang 1955
 Ordovician
- Strophomena nervosa* Hall 1843
 Devonian
- Neumanella varimya* Harper&Boucot 1978
 Silurian
- Neumayrithyris torinosuensis* Tokuyama 1958
 Jurassic
- Orthis actoniae* Sowerby 1839
 Ordovician
- Productus niger* Gosselet 1880
 Mississippian
- Spirifer ferqanensis* Nikiforova 1937
 Silurian
- Ningbingella flexuosa* Roberts 1971
 Mississippian
- Ninglangothyris subcircularis* Jin&Fang 1977
 Triassic
- Nipponithyris nipponensis* Yabe&Hatai 1934
 Tertiary-Recent
- Orthisina festinata* Billings 1861
 Cambrian
- Meekella globosa* King 1931
 Permian
- Nix anquilata* Easton 1962
 Mississippian
- Orthis nocturna* Barrande 1879
 Ordovician
- Strophalosia nummularis* Winchell 1863
 Devonian-Mississippian
- Spirifer tscheffkini* Verneuil 1845
 Silurian

- Nondia* Boucot&Chiang 1974
 Pentameracea McCoy 1844
- Nordathyris* Grunt 1977
 Athyridacea McCoy 1844
- Nordella* Ljaschenko 1973
 Reticulariaceae Waagen 1883
- Nordispirifer* Ljaschenko 1973
 Spiriferacea King 1846
- Nordotoechia* Tcherkesova 1965
 Rhynchonellacea Gray 1848
- Norella* Bittner 1890
 Rhynchonellacea Gray 1848
- Notanoplia* Gill 1950
 Chonetacea Bronn 1862
- Nothopindax* Cooper&Grant 1974
 Derbyiacea Stehli 1954
- Nothorthis* Ulrich&Cooper 1938
 Orthacea Woodward 1852
- Notiochonetes* Muir-Wood 1962
 Chonetacea Bronn 1862
- Notoconchidium* Gill 1950
 Atrypacea Gill 1871
- Notoleptaena* Gill 1951
 Strophomenacea King 1846
- Notoparmella* Johnson 1973
 Atrypacea Gill 1871
- Notorygmia* Cooper 1972
 Terebratulacea King 1850
- Notosaria* Cooper 1959
 Rhynchonellacea Gray 1848
- Notospirifer* Harrington 1955
 Reticulariaceae Waagen 1883
- Notostrophia* Waterhouse 1973
 Davidsoniaceae King 1850
- Notothyrina* Licharew 1936
 Dielasmatacea Schuchert 1913
- Notothyris* Waagen 1882
 Cryptonellacea Thomson 1926
- Notozyga* Cooper 1977
 Cancellothyridacea Thomson 1926
- Novellinetes* Havlicek&Racheboeuf 1979
 Chonetacea Bronn 1862
- Novozemelia* Tcherkesova 1973
 Pentameracea McCoy 1844
- Nucleata* Quenstedt 1868
 Terebratulacea Gray 1840
- Nucleatina* Katz 1962
 Dielasmatacea Schuchert 1913
- Nondia canadensis* Boucot&Chiang 1974
 Silurian
- Nordathyris bulkanensis* Grunt 1977
 Carboniferous
- Elytha orbiculata* Ljaschenko 1959
 Devonian
- Nordispirifer celeber* Ljaschenko 1973
 Devonian
- Nordotoechia tumida* Tcherkesova 1965
 Devonian
- Rhynchonella sellaris* Laube 1865
 Triassic
- Notanoplia pherista* Gill 1950
 Devonian
- Nothopindax egregius* Cooper&Grant 1974
 Permian
- Nothorthis delicatula* Ulrich&Cooper 1938
 Ordovician
- Chonetes skottsbergi* Clarke 1913
 Devonian
- Pentamerus tasmaniensis* Etheridge 1883
 Devonian
- Notoleptaena linguifera* Gill 1951
 Devonian
- Notoparmella gilli* Johnson 1973
 Devonian
- Notorygmia abyssa* Cooper 1972
 Recent
- Terebratula nigricans* Sowerby 1846
 Tertiary-Recent
- Spirifer darwini* Morris 1845
 Permian
- Notostrophia homeri* Waterhouse 1973
 Permian
- Notothyris pontica* Licharew 1936
 Permian
- Terebratula subvesicularis* Davidson 1862
 Permian
- Notozyga lowenstami* Cooper 1977
 Recent
- Chonetes novellus* Barrande 1879
 Devonian
- Novozemelia olgae* Tcherkesova 1973
 Devonian
- Nucleata collina* Quenstedt 1868
 Jurassic
- Terebratula nanclasi* Coquand 1860
 Cretaceous

- Nucleatula* Bittner 1888
 Dielasmatacea Schuchert 1913
- Nucleospira* Hall 1859
 Athyridacea McCoy 1844
- Nudauris* Stehli 1954
 Productacea Gray 1840
- Nudirostralina* Yang&Xu 1966
 Rhynchonellacea Gray 1848
- Nudispiriferina* Yang&Xu 1966
 Spiriferinacea Davidson 1884
- Nugnecella* Levy&Nullo 1974
 Billingsellacea Schuchert 1893
- Nuguschella* Tjazheva 1960
 Reticulariacea Waagen 1883
- Nurataella* Larin 1973
 Cyrtiacea Fredericks 1924
- Nurochonetes* Ushatinskaia 1977
 Chonetacea Bronn 1862
- Nyalamurhynchia* Ching,Rong&Sun 1976
 Rhynchonellacea Gray 1848
- Nyege* Veevers 1959
 Rhynchonellacea Gray 1848
- Nymphorhynchia* Rzonstnitskaja 1956
 Rhynchonellacea Gray 1848
- Oanduporella* Hints 1975
 Enteletacea Waagen 1884
- Obesaria* Havlicek 1957
 Reticulariacea Waagen 1883
- Oblongarcula* Elliott 1959
 Terebratellacea King 1850
- Obnixia* Hoover 1979
 Cryptonellacea Thomson 1926
- Obolella* Billings 1861
 Obolellacea Walcott&Schuchert 1938
- Obolellina* Billings 1871
 Trimerellacea Davidson&King 1872
- Obolopsis* Saito 1936
 Lingulacea Menke 1828
- Obolus* Eichwald 1829
 Lingulacea Menke 1828
- Obovothyris* Buckman 1927
 Zeilleriaceae Allan 1940
- Obturamentella* Amsden 1958
 Rhynchonellacea Gray 1848
- Ochotathyris* Dagys 1974
 Athyridacea McCoy 1844
- Ochotorhynchia* Dagys 1968
 Rhynchonellacea Gray 1848
- Rhynchonella* retrocita Suess 1855
 Triassic
- Spirifer* ventricosus Hall 1857
 Silurian-Permian
- Nudauris* diabloensis Stehli 1954
 Permian
- Nudirostralina* subtrinodosi Yang&Xu 1966
 Triassic
- Nudispiriferina* minima Yang&Xu 1966
 Triassic
- Nugnecella* rafaensis Levy&Nullo 1974
 Ordovician
- Nuguschella* polita Tjazheva 1960
 Devonian
- Nurataella* miranda Larin 1973
 Silurian
- Chonetes* akkultukensis Ushatinskaia 1966
 Devonian
- Nyalamurhynchia* mirifica Ching,Rong&Sun 1976
 Jurassic
- Nyege* scopimus Veevers 1959
 Devonian
- Nymphorhynchia* bischofioides Rzonstnitskaja 1956
 Devonian
- Oanduporella* reticulata Hints 1975
 Ordovician
- Spirifer* indifferens Barrande 1848
 Devonian
- Terebratula* oblonga Sowerby 1826
 Cretaceous
- Terebratula* thaynesiana Girty 1927
 Triassic
- Obolella* chromatica Billings 1861
 Cambrian
- Obolus* canadensis Billings 1858
 Silurian
- Obolopsis* margaritae Saito 1936
 Cambrian
- Obolus* apollinis Eichwald 1829
 Cambrian-Ordovician
- Obovothyris* magnobovata Buckman 1927
 Jurassic
- Wilsonia* wadei Dunbar 1919
 Devonian
- Oxycolpella* ochotica Dagys 1965
 Triassic
- Ochotorhynchia* omolonensis Dagys 1968
 Jurassic

- Ocnerorthis* Bell 1941
Orthacea Woodward 1852
- Ocruanus* Liu 1979
Uncertain
- Odarovithyris* Tchorszchewsky 1971
Loboidothyridacea Makridin 1964
- Odontospirifer* Dunbar 1955
Spiriferinacea Davidson 1884
- Oehlertella* Hall&Clarke 1890
Discinacea Gray 1840
- Oepikina* Salmon 1942
Strophomenacea King 1846
- Oepikinella* Wilson 1944
Strophomenacea King 1846
- Ogbinia* Sarytcheva 1965
Productacea Gray 1847
- Ogilviella* Lenz 1968
Atrypacea Gill 1871
- Okathyris* Smirnova 1975
Loboidothyridacea Makridin 1964
- Oldhamina* Waagen 1883
Lyttoniaceae Waagen 1883
- Oldhaminella* Wanner&Sievverts 1935
Lyttoniaceae Waagen 1883
- Oleneothyris* Cooper 1942
Terebratulacea Gray 1840
- Oleorthis* Havlicek 1968
Orthacea Woodward 1852
- Olgerdia* Grigorjewa 1977
Spiriferacea King 1846
- Oligomys* Schuchert&Cooper 1931
Orthacea Woodward 1852
- Oligoptycherhynchus* Sartenaer 1970
Rhynchonellacea Gray 1848
- Oligorhachis* Imbrie 1959
Strophalosiaceae Schuchert 1913
- Oligorhynchia* Cooper 1935
Rhynchonellacea Gray 1848
- Oligorthis* Ulrich&Cooper 1936
Orthacea Woodward 1852
- Oligothyrina* Cooper 1956
Dielasmatacea Schuchert 1913
- Oliveirella* Oliveira 1934
Stringocephalacea King 1850
- Ombonia* Caneva 1906
Derbyiaceae Stehli 1954
- Omnutakhella* Lopushinskaja 1976
Atrypacea Gill 1871
- Ocnerorthis cooperi* Bell 1941
Cambrian-Ordovician
- Ocruanus finial* Liu 1979
Cambrian
- Odarovithyris odarovi* Tchorszchewsky 1971
Jurassic
- Odontospirifer mirabilis* Dunbar 1955
Permian
- Discina pleurites* Meek 1875
Mississippian-Pennsylvanian
- Oepikina septata* Salmon 1942
Ordovician
- Oepikinella affinis* Wilson 1944
Ordovician
- Ogbinia dzhagrensis* Sarytcheva 1965
Permian
- Ogilviella rotunda* Lenz 1968
Devonian
- Okathyris chevkinensis* Smirnova 1975
Cretaceous
- Bellerophon decipiens* Koninck 1863
Permian
- Oldhaminella philocrina* Wanner&Sievverts 1935
Permian
- Terebratula harlani* Morton 1828
Tertiary
- Oleorthis porosa* Havlicek 1968
Ordovician
- Olgerdia zavodowskii* Grigorjewa 1977
Permian
- Orthis exprorecta* Linnarsson 1876
Cambrian
- Terebratula hexatoma* Schnur 1851
Devonian
- Oligorhachis oligorhachis* Imbrie 1959
Devonian
- Oligorhynchia subplana* Cooper 1935
Ordovician
- Oligorthis arbucklensis* Ulrich&Cooper 1936
Ordovician
- Oligothyrina alleni* Cooper 1956
Pennsylvanian-Permian
- Centronella margarida* Derby 1890
Devonian
- Ombonia canevai* Merla 1930
Permian
- Omnutakhella bazhenovae* Lopushinskaja 1976
Silurian

- Omolonella* Moisseiev 1936
 Rhynchonellacea Gray 1848
- Omolonia* Alekseeva 1967
 Stringocephalacea King 1850
- Omolonothyris* Dagys 1968
 Loboidothyridacea Makridin 1964
- Oncosarina* Cooper&Grant 1969
 Productacea Gray 1840
- Onniella* Bancroft 1928
 Enteletacea Waagen 1884
- Onnizetina* Havlicek 1974
 Enteletacea Waagen 1884
- Onopordumaria* Waterhouse 1971
 Productacea Gray 1840
- Onychoplecia* Cooper 1956
 Triplesiaea Schuchert 1913
- Onychotreta* Ulrich&Cooper 1936
 Triplesiaea Schuchert 1913
- Opikella* Amsden 1968
 Plectambonitacea Jones 1928
- Opisthotreta* Palmer 1954
 Acrotretacea Schuchert 1893
- Opsiconidion* Ludvigsen 1974
 Acrotretacea Schuchert 1893
- Orbicoelia* Waterhouse&Piyasin 1970
 Cyrtiacea Fredericks 1924
- Orbicula* Cuvier 1798
 Craniacea Menke 1828
- Orbiculoidea* Orbigny 1847
 Discinacea Gray 1840
- Orbiculopora* Patriukova 1969
 Discinacea Gray 1840
- Orbiculothyris* Wolfart 1968
 Discinacea Gray 1840
- Orbinaria* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Orbirhynchia* Pettitt 1954
 Rhynchonellacea Gray 1848
- Orbithetele* Sdzuy 1955
 Acrotretacea Schuchert 1893
- Orenburgella* Pavlova 1969
 Reticulariacea Waagen 1883
- Orientospira* Dagys 1965
 Spiriferinacea Davidson 1884
- Orientospirifer* Hou&Xian 1975
 Spiriferacea King 1846
- Orientothyris* Katz&Popov 1974
 Terebratulacea Gray 1840
- Omolonella omolonensis* Moisseiev 1936
 Triassic
- Omolonia antiqua* Alekseeva 1967
 Devonian
- Omolonothyris inopinatus* Dagys 1968
 Jurassic
- Oncosarina spinicostata* Cooper&Grant 1969
 Permian
- Onniella broeqgeri* Bancroft 1928
 Ordovician
- Onnizetina mellita* Havlicek 1974
 Ordovician
- Onopordumaria punctura* Waterhouse 1971
 Pennsylvanian
- Onychoplecia brevirostris* Cooper 1956
 Ordovician
- Onychotreta mesleri* Ulrich&Cooper 1936
 Silurian
- Oranella dissiticostella* Amsden 1968
 Silurian
- Opisthotreta depressa* Palmer 1954
 Cambrian
- Opsiconidion arcticon* Ludvigsen 1974
 Devonian
- Orbicoelia fraterculus* Waterhouse&Piyasin 1970
 Permian
- Patella anomala* Muller 1776
 Cretaceous-Recent
- Orbicula forbesii* Davidson 1848
 Ordovician-Permian
- Orbiculopora sobolensis* Patriukova 1969
 Devonian
- Orbiculothyris costellata* Wolfart 1968
 Ordovician
- Productella pyxidata* Hall 1858
 Devonian-Mississippian
- Orbirhynchia orbigny* Pettitt 1954
 Cretaceous
- Discina contraria* Barrande 1868
 Ordovician
- Orenburgella uralica* Pavlova 1969
 Carboniferous
- Orientospira gregaria* Dagys 1965
 Triassic
- Eospiriferina nakaolingensis* Hou 1959
 Devonian
- Gryphus orientalis* Vantschurov 1966
 Cretaceous

- Origostrophia* Mitchell 1977
Strophomenacea King 1846
- Oriskania* Hall&Clarke 1893
Stringocephalacea King 1850
- Orlovirhynchia* Dagys 1968
Rhynchonellacea Gray 1848
- Ornatothyrella* Dagys 1974
Dallinacea Beecher 1893
- Ornatothyris* Sahni 1929
Terebratulacea Gray 1840
- Ornithella* Deslongchamps 1884
Zeilleriaceae Allan 1940
- Ornithothyris* Sahni 1925
Terebratulacea Gray 1840
- Ornothyrella* Havlicek 1971
Athyridacea McCoy 1844
- Orthambonites* Pander 1830
Orthacea Woodward 1852
- Orthidiella* Ulrich&Cooper 1936
Orthacea Woodward 1852
- Orthidium* Hall&Clarke 1892
Orthacea Woodward 1852
- Orthis* Dalman 1828
Orthacea Woodward 1852
- Orthisocrania* Rowell 1963
Craniacea Menke 1828
- Orthoidea* Friren 1876
Terebratulacea Gray 1840
- Orthonomaea* Hall 1894
Atrypacea Gill 1871
- Orthopleura* Imbrie 1959
Davidsoniacea King 1850
- Orthorhynchula* Hall&Clarke 1893
Rhynchonellacea Gray 1848
- Orthorhynchuloides* Williams 1962
Rhynchonellacea Gray 1848
- Orthospirifer* Pitrat 1975
Spiriferacea King 1846
- Orthostrophella* Amsden 1968
Orthacea Woodward 1852
- Orthostrophia* Hall 1883
Orthacea Woodward 1852
- Orthotetella* King 1931
Derbyiacea Stehli 1954
- Orthotetes* Fischer 1829
Davidsoniacea King 1850
- Orthotetina* Schellwien 1900
Davidsoniacea King 1850
- Origostrophia fragilis* Mitchell 1977
 Ordovician
- Oriskania navicella* Hall&Clarke 1893
 Devonian
- Septaliphoria viligaensis* Moisseiev 1947
 Jurassic
- Ornatothyrella ornata* Dagys 1974
 Triassic
- Terebratula sulcifera* Morris 1847
 Cretaceous
- Terebratula ornithocephala* Sowerby 1815
 Jurassic
- Ornithothyris carinata* Sahni 1925
 Cretaceous
- Ornothyrella ornatella* Havlicek 1971
 Ordovician-Silurian
- Orthambonites transversa* Pander 1830
 Ordovician
- Orthidiella longwelli* Ulrich&Cooper 1936
 Ordovician
- Orthis gemmicula* Billings 1862
 Ordovician
- Orthis callactis* Dalman 1828
 Ordovician
- Pseudocrania divaricata* McCoy 1851
 Ordovician
- Orthoidea liasina* Friren 1876
 Jurassic
- Orthis erratica* Hall 1847
 Ordovician
- Orthopleura rhipis* Imbrie 1959
 Devonian
- Orthis linneyi* James 1881
 Ordovician
- Hemithyris nasuta* McCoy 1852
 Ordovician
- Orthospirifer missouriensis* Pitrat 1975
 Devonian
- Orthostrophia dartae* Schuchert&Cooper 1932
 Silurian
- Orthis strophomenoides* Hall 1857
 Silurian-Devonian
- Orthotetella wolfcampensis* King 1931
 Permian
- Orthotetes radiata* Fischer 1850
 Pennsylvanian-Permian
- Orthotetes persicus* Schellwien 1900
 Pennsylvanian-Permian

- Orthothrix* Geinitz 1847
 Strophalosioidea Schuchert 1913
- Orthothyris* Cooper 1955
 Terebratulacea Gray 1840
- Orthotichia* Hall&Clarke 1892
 Enteletacea Waagen 1884
- Orthotoma* Quenstedt 1869
 Terebratulacea Gray 1840
- Orthotropia* Hall&Clarke 1893
 Enteletacea Waagen 1884
- Orulgania* Solomina&Tschernjak 1961
 Spiriferacea King 1846
- Orusia* Walcott 1905
 Orthacea Woodward 1852
- Oslogonites* Opik 1939
 Gonambonitacea Schuchert&Cooper 1931
- Oslomena* Spjeldnaes 1957
 Strophomenacea King 1846
- Osmarella* Pearson 1977
 Rhynchonellacea Gray 1848
- Otariella* Waterhouse 1978
 Productacea Gray 1840
- Otospirifer* Hou&Xian 1975
 Spiriferacea King 1846
- Otusia* Walcott 1905
 Orthacea Woodward 1852
- Ovalella* Walmsley&Boucot 1975
 Enteletacea Waagen 1884
- Ovatia* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Overtonia* Thomas 1914
 Productacea Gray 1840
- Overtoniina* Grunt 1973
 Productacea Gray 1840
- Oxlosia* Ulrich&Cooper 1936
 Discinacea Gray 1840
- Oxoplectia* Wilson 1913
 Triplésiacea Schuchert 1913
- Oxycolpella* Nagys 1962
 Athyridacea McCoy 1844
- Oxypleurorhynchia* Plodowski 1973
 Rhynchonellacea Gray 1848
- Pachyglossella* Cooper 1960
 Lingulacea Menke 1828
- Pachymagas* Ihering 1903
 Terebratellacea King 1850
- Pachythyris* Boullier 1976
 Terebratulacea Gray 1840
- Orthis excavata* Geinitz 1842
 Permian
- Orthothyris radiata* Cooper 1955
 Cretaceous
- Orthis morganiana* Derby 1874
 Pennsylvanian-Permian
- Terebratula heyseana* Quenstedt 1869
 Jurassic
- Orthotropia dolomitica* Hall&Clarke 1893
 Silurian
- Orulgania naumovi* Solomina 1961
 Pennsylvanian
- Anomites lenticularis* Wahlenberg 1821
 Cambrian
- Oslogonites costellatus* Opik 1939
 Ordovician
- Oslomena osloensis* Spjeldnaes 1957
 Ordovician
- Rhynchonella starhembergica* Zugmayer 1880
 Triassic-Jurassic
- Marginifera otaria* Grant 1976
 Permian
- Otospirifer shipaiensis* Hou&Xian 1975
 Devonian
- Orthis sandbergi* Winchell 1886
 Cambrian
- Platyorthis ovalis* Paskevicius 1962
 Silurian
- Ovatia elongata* Muir-Wood&Cooper 1960
 Mississippian
- Producta fimbriata* Sowerby 1824
 Mississippian
- Overtoniina mamazairica* Grunt 1973
 Permian
- Eunoa accola* Clarke 1902
 Ordovician
- Oxoplectia calhouni* Wilson 1913
 Ordovician-Silurian
- Spirigera oxycolpos* Emrich 1853
 Triassic
- Oxypleurorhynchia acutiplicata* Plodowski 1973
 Ordovician-Silurian
- Pachyglossa dorsiconvexa* Cooper 1956
 Ordovician
- Terebratella tehuelcha* Ihering 1903
 Tertiary
- Terebratula arduennensis* Douville 1886
 Jurassic

- Pacificocoelia* Roucot 1975
Chonetacea Bronn 1862
- Pacificothyris* Hatai 1938
Terebratulacea King 1850
- Paeckelmanella* Licharew 1934
Spiriferacea King 1946
- Pahlenella* Schuchert&Cooper 1931
Clitambonitacea Winchell&Schuchert 1893
- Palaeobolus* Matthew 1809
Lingulacea Menke 1828
- Palaeochoristites* Sokolskaja 1941
Spiriferacea King 1846
- Palaeoglossa* Cockerell 1911
Lingulacea Menke 1828
- Palaeospirifer* Martynova&Sverbilova 1968
Spiriferacea King 1846
- Palaeostrophia* Ulrich&Cooper 1935
Porambonitacea Davidson 1853
- Palaeostrophomena* Holtegard 1916
Plectambonitacea Jones 1928
- Palaeferella* Priestersbach 1942
Atrypacea Gill 1871
- Paldiskia* Gorjansky 1969
Lingulacea Menke 1828
- Palinorthis* Ulrich&Cooper 1936
Plectambonitacea Jones 1928
- Pamirotheca* Dagys 1974
Thecospiracea Rittner 1890
- Pamirothyris* Dagys 1974
Terebratulacea Gray 1840
- Pamirothyropsis* Ovtsharenko 1979
Loboidothyridacea Makridin 1964
- Pammegeterhynchus* Sartenaer 1977
Rhynchonellacea Gray 1848
- Pampoecilorhynchus* Sartenaer 1968
Rhynchonellacea Gray 1848
- Panderina* Schuchert&Cooper 1931
Orthacea Woodward 1852
- Pantellaria* Dall 1919
Terebratulacea King 1850
- Papiliolinus* Waterhouse&Gupta 1977
Productacea Gray 1840
- Papillostrophia* Havlicek 1967
Stropheodontacea Caster 1939
- Paraacanthothyris* Kamyschan 1973
Rhynchonellacea Gray 1848
- Parabifolium* Pajaud 1966
Thecideacea Gray 1840
- Leptocoelia* murphyi Johnson 1970
Devonian
- Terebratalia* xanthonica Dall 1920
Recent
- Spirifer* dieneri Tschernyschew 1902
Permian
- Orthis* trigonula Eichwald 1840
Ordovician
- Palaeobolus* bretonensis Matthew 1899
Cambrian
- Spirifer* cinctus Keyserling 1847
Mississippian
- Lingula* attenuata Sowerby 1839
Ordovician
- Cyrtospirifer* karagatshicus Sverbilova 1963
Devonian
- Syntrophia* orthia Walcott 1905
Cambrian-Ordovician
- Strophomena* concava Schmidt 1858
Ordovician
- Palaeferella* rhenana Priestersbach 1942
Devonian
- Paldiskia* obscuricostata Gorjansky 1969
Ordovician
- Palinorthis* cloudi Ulrich&Cooper 1936
Ordovician
- Pamirotheca* aulacothyridiformis Dagys 1974
Triassic
- Lobothyris* kushlini Dagys 1963
Triassic
- Pamirothyropsis* vialovi Ovtsharenko 1975
Jurassic
- Pammegeterhynchus* merodae Sartenaer 1977
Devonian
- Rhynchonella* nux Gosselet 1887
Devonian
- Productus* abscissus Pander 1830
Ordovician
- Terebratula* monstrosa Scacchi 1836
Tertiary-Recent
- Papiliolinus* eishmakami Waterhouse&Gupta 1977
Mississippian
- Leptaena* consobrina Barrande 1848
Devonian
- Paraacanthothyris* paucicostata Kamyschan 1973
Jurassic
- Parabifolium* priscum Pajaud 1966
Jurassic

- Parabornhardtina* Sun&Hou 1964
Stringocephalacea King 1850
- Paracapillithyris* Katz&Popov 1974
Terebratulacea Gray 1840
- Parachonetes* Johnson 1966
Chonetacea Bronn 1862
- Parachoristites* Barchatova 1968
Spiriferacea King 1846
- Paraconchidium* Rong&Yang 1974
Pentameracea McCoy 1844
- Paracostanoplia* Xu 1977
Plicanoplitacea Xu 1977
- Paracraniops* Williams 1963
Lingulacea Menke 1828
- Paracrothyris* Wu 1974
Stringocephalacea King 1850
- Paracyrtiopsis* Gatinaud 1949
Spiriferacea King 1846
- Paradoxothyris* Xu 1978
Dielasmatacea Schuchert 1913
- Paradygella* Liao&Sun 1974
Dielasmatacea Schuchert 1913
- Paraemanuella* Yang 1977
Cyrtiacea Fredericks 1924
- Parakeyerlingina* Fredericks 1916
Lyttoniaceae Waagen 1883
- Paralazutkinia* Jiang 1978
Spiriferacea King 1846
- Paral dingia* Richardson 1973
Terebratulacea King 1850
- Paralepismatina* Yang&Xu 1966
Suessiacea Waagen 1883
- Paraleptostrophia* Harper&Boucot 1978
Stropheodontacea Caster 1939
- Parallelelasma* Cooper 1956
Pentameracea McCoy 1844
- Parallelora* Carter 1974
Spiriferacea King 1846
- Paral ytttonia* Wanner&Sievarts 1935
Lyttoniaceae Waagen 1883
- Paramarginatia* Yang 1978
Productacea Gray 1840
- Paramarginifera* Fredericks 1916
Productacea Gray 1840
- Paramartinia* Reed 1949
Reticulariaceae Waagen 1883
- Paramentzelia* Xu 1978
Reticulariaceae Waagen 1883
- Parabornhardtina yunnanensis* Sun&Hou 1964
Devonian
- Paracapillithyris alexeevi* Katz&Popov 1974
Cretaceous
- Chonetes macrostriata* Walcott 1884
Devonian
- Parachoristites volongaensis* Barchatova 1968
Carboniferous
- Paraconchidium shiqianensis* Rong&Yang 1974
Silurian
- Paracostanoplia mirabilis* Xu 1977
Devonian
- Craniops pararia* Williams 1962
Ordovician
- Paracrothyris distorta* Wu 1974
Devonian
- Cyrtiopsis spiriferoides* Grabau 1931
Devonian
- Paradoxothyris cyclis* Xu 1978
Triassic
- Paradygella magna* Liao&Sun 1974
Triassic
- Paraemanuella orbicularia* Yang 1977
Devonian
- Keyserlingina darvasica* Tschernyschew 1914
Permian
- Paralazutkinia pinghuangshanensis* Jiang 1978
Devonian
- Terebratella woodsii* Tate 1880
Tertiary
- Paralepismatina semiconica* Yang&Xu 1966
Triassic
- Leptostrophia clarkei* Chatterton 1973
Devonian
- Parallelelasma pentagonum* Cooper 1956
Ordovician
- Spirifer marionensis* Shumard 1855
Devonian
- Paral ytttonia Permianica* Wanner&Sievarts 1935
Permian
- Paramarginatia weiningensis* Yang 1978
Mississippian
- Marginifera clarkei* Tschernyschew 1902
Pennsylvanian-Permian
- Martinia lingulata* Reed 1949
Carboniferous
- Paramentzelia ovata* Xu 1978
Triassic

- Paramerista* Su 1976
 Athyridacea McCoy 1844
- Paramesolobus* Afanasjeva 1975
 Chonetacea Bronn 1862
- Paramonticulifera* Tong 1978
 Productacea Gray 1840
- Paranaia* Clarke 1913
 Stringocephalacea King 1850
- Paranorella* Cloud 1944
 Rhynchonellacea Gray 1848
- Paranorellina* Dagys 1974
 Rhynchonellacea Gray 1848
- Parapholidostrophia* Johnson 1971
 Stropheodontacea Caster 1939
- Paraphorhynchus* Weller 1905
 Rhynchonellacea Gray 1848
- Paraplicanoplia* Xu 1977
 Plicanoplitacea Xu 1977
- Parapugnax* Schmidt 1964
 Rhynchonellacea Gray 1848
- Parapulchratia* Chan 1979
 Productacea Gray 1840
- Parareticularia* Lee&Gu 1976
 Reticulariacea Waagen 1883
- Pararhipidium* Boucot&Johnson 1979
 Pentameracea McCoy 1844
- Paraschizophoria* Lazarev 1976
 Enteletacea Waagen 1884
- Paraspirifer* Wedekind 1926
 Spiriferacea King 1846
- Paraspiriferina* Reed 1944
 Spiriferinacea Davidson 1884
- Parastringocephalus* Struve 1965
 Stringocephalacea King 1850
- Parastrophina* Schuchert&LeVene 1929
 Porambonitacea Davidson 1853
- Parastrophinella* Schuchert&Cooper 1931
 Porambonitacea Davidson 1853
- Parastrophonella* Rublichenko 1956
 Strophomenacea King 1846
- Paratetratomia* Yang 1977
 Rhynchonellacea Gray 1848
- Parathecidea* Backhaus 1959
 Thecideacea Gray 1840
- Parathyridina* Schuchert&LeVene 1929
 Terebratulacea Gray 1840
- Parathyrisina* Wang 1974
 Athyrisinacea Grabau 1931
- Paramerista brevisseptata* Su 1976
 Devonian
- Paramesolobus ivanovae* Afanasjeva 1975
 Pennsylvanian
- Paramonticulifera incosta* Tong 1978
 Permian
- Centronella margarida* Deroy 1890
 Devonian
- Paranorella imperialis* Cloud 1944
 Permian
- Paranorellina parisi* Dagys 1974
 Triassic
- Parapholidostrophia harperi* Johnson 1971
 Devonian
- Paraphorhynchus elongatum* Weller 1905
 Mississippian
- Paraplicanoplia nana* Xu 1977
 Devonian
- Parapugnax brecciae* Schmidt 1964
 Devonian
- Productus pustulosus* Kayser 1883
 Permian
- Parareticularia spiriferiformis* Lee&Gu 1976
 Permian
- Pentamerus tenuistriatus* Lindstrom 1880
 Silurian
- Schizophoria woodi* Pond 1941
 Devonian
- Spirifer cultrijugatus* Roemer 1844
 Devonian
- Spiriferina ghundiensis* Reed 1944
 Permian
- Strygocephalus dorsalis* Archiac&Verneuil 1842
 Devonian
- Atrypa hemiplicata* Hall 1847
 Ordovician
- Pentamerus reversus* Billings 1857
 Ordovician-Silurian
- Strophomena anaglypha* Kayser 1871
 Devonian
- Paratetratomia xiangzhouensis* Yang 1977
 Devonian
- Thecidea hieroglyphica* Goldfuss 1840
 Cretaceous
- Parathyris olicatoides* Douville 1916
 Jurassic
- Parathyrisina bella* Wang 1974
 Devonian

- Paratrete* Biernat 1973
Acrotretacea Schuchert 1893
- Parazyga* Hall&Clarke 1893
Retziacea Waagen 1883
- Parenteletes* King 1931
Enteletacea Waagen 1884
- Parmorthina* Havlicek 1975
Enteletacea Waagen 1884
- Parmorthis* Schuchert&Cooper 1931
Enteletacea Waagen 1884
- Paromoeopygma* Sartenaer 1968
Rhynchonellacea Gray 1848
- Paruncinella* Waterhouse&Gupta 1978
Retziacea Waagen 1883
- Parvirhynchia* Buckman 1917
Rhynchonellacea Gray 1848
- Paryphorhynchopora* Simorin 1956
Rhynchonellacea Gray 1848
- Patagorhynchia* Allan 1938
Rhynchonellacea Gray 1848
- Paterina* Reecher 1891
Paterinacea Schuchert 1893
- Paterorthis* Havlicek 1971
Orthacea Woodward 1952
- Paterula* Barrande 1879
Lingulacea Menke 1828
- Paucicostella* Cooper 1956
Plectambonitacea Jones 1928
- Paucicrura* Cooper 1956
Enteletacea Waagen 1884
- Paucispinifera* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Paucistrophia* Wang&Zhu 1979
Stropheodontacea Caster 1939
- Paulonia* Nalivkin 1925
Cyrtiacea Fredericks 1924
- Paurogastroderhynchus* Sartenaer 1970
Rhynchonellacea Gray 1848
- Paurorhyncha* Cooper 1942
Rhynchonellacea Gray 1848
- Paurorthina* Rubel 1961
Enteletacea Waagen 1884
- Paurorthis* Schuchert&Cooper 1931
Enteletacea Waagen 1884
- Payuella* Grabau 1934
Rhynchonellacea Gray 1848
- Pectorhyncha* McLearn 1918
Rhynchonellacea Gray 1848
- Paratrete similis* Biernat 1973
 Ordovician
- Atrypa hirsuta* Hall 1857
 Devonian
- Parenteletes cooperi* King 1931
 Pennsylvanian-Permian
- Parmorthis pragensis* Havlicek 1956
 Silurian
- Orthis elegantula* Dalman 1828
 Silurian
- Paromoeopygma bellicastellana* Sartenaer 1968
 Devonian
- Uncinella middlemissi* Diener 1915
 Mississippian
- Rhynchonella parvula* Deslongchamps 1862
 Jurassic
- Pugnoides korsakpaica* Malivkin 1937
 Devonian-Carboniferous
- Rhynchonella patagonica* Ihering 1903
 Tertiary
- Obolus labradoricus* Billings 1861
 Cambrian
- Paterorthis paterina* Havlicek 1971
 Ordovician
- Paterula bohémica* Barrande 1879
 Ordovician
- Paucicostella canadensis* Cooper 1956
 Ordovician
- Orthis rogata* Sardeson 1892
 Ordovician
- Paucispinifera auriculata* Muir-Wood&Cooper 1960
 Permian
- Radiomena concinnusa* Wang&Wu 1974
 Devonian
- Spirifer ranovensis* Peetz 1893
 Mississippian
- Camarotoechia nalivkini* Abramian 1957
 Devonian
- Rhynchonella endlichi* Meek 1875
 Devonian
- Paurorthina resima* Rubel 1961
 Ordovician
- Orthambonites parva* Pander 1830
 Ordovician
- Payuella obscura* Grabau 1934
 Permian
- Atrypa obtusiplicata* Hall 1852
 Silurian

- Peculneithyris* Smirnova 1972
Loboidothyridacea Makridin 1964
- Peetzatrypa* Rzonsonitzkaja 1975
Atrypacea Gill 1871
- Pegmarhynchia* Cooper 1955
Rhynchonellacea Gray 1848
- Pegmathyris* Hatai 1938
Terebratellacea King 1850
- Pegmatreta* Bell 1941
Acrotretacea Schuchert 1893
- Pelagodiscus* Dall 1908
Discinacea Gray 1840
- Peleicostella* Havlicek 1971
Enteletacea Waagen 1884
- Pelonomia* Cooper 1956
Plectambonitacea Jones 1928
- Pembrostrophia* Bassett 1971
Strophomenacea King 1846
- Peniculauris* Muir-Wood & Cooper 1960
Productacea Gray 1840
- Pennospiriferina* Dagys 1965
Spiriferaceae Davidson 1884
- Pentactinella* Bittner 1890
Athyridacea McCoy 1844
- Pentagonia* Cozzens 1846
Athyridacea McCoy 1844
- Pentamerella* Hall 1867
Pentameracea McCoy 1844
- Pentamerifera* Khodalevich 1939
Pentameracea McCoy 1844
- Pentameroides* Schuchert & Cooper 1931
Pentameracea McCoy 1844
- Pentamerus* Sowerby 1812
Pentameracea McCoy 1844
- Pentlandella* Boucot 1964
Atrypacea Gill 1871
- Pentlandina* Bancroft 1949
Strophomenacea King 1846
- Penzhinothyris* Smirnova 1969
Loboidothyridacea Makridin 1964
- Perakia* Hamada 1969
Rhynchonellacea Gray 1848
- Perditocardinia* Schuchert & Cooper 1931
Enteletacea Waagen 1884
- Peregrinella* Dehler 1887
Rhynchonellacea Gray 1848
- Peregrinelloidea* Dagys 1968
Rhynchonellacea Gray 1848
- Peculneithyris longiusculus* Smirnova 1972
Cretaceous
- Pentatrypa tschumyschensis* Rzonsonitzkaja 1968
Devonian
- Pegmarhynchia zimmi* Cooper 1955
Devonian
- Dallina miyatokoensis* Hatai 1936
Tertiary
- Pegmatreta perplexa* Bell 1941
Cambrian
- Discina atlantica* King 1868
Recent
- Spirifer peleus* Barrande 1879
Devonian
- Orthis delicatula* Halliogs 1865
Ordovician
- Amphistrophia freshwaterensis* Bassett 1971
Silurian
- Productus ivesi* King 1931
Permian
- Pennospiriferina popovi* Dagys 1965
Triassic
- Terebratula quinquecostata* Munster 1841
Triassic
- Pentagonia neersii* Cozzens 1846
Devonian
- Atrypa arata* Conrad 1841
Devonian
- Pentamerus taltiensi* Tschernyschew 1893
Silurian
- Pentamerus oblongus* Hall & Clarke 1893
Silurian
- Pentamerus oblongus* Sowerby 1839
Silurian
- Rhynchonella pentlandica* Haswell 1865
Silurian
- Strophomena parva* Bancroft 1949
Silurian
- Penzhinothyris plana* Smirnova 1969
Cretaceous
- Perakia undulata* Hamada 1969
Devonian
- Orthis dubia* Hall 1858
Mississippian-Permian
- Terebratula peregrina* Buch 1835
Cretaceous
- Peregrinelloidea malkovi* Dagys 1968
Jurassic

- Periallus* Hoover 1979
 Dallinacea Reecher 1893
- Perichonetes* Xu 1979
 Chonetacea Bronn 1862
- Peridalejina* Havlicek 1973
 Enteletacea Waagen 1884
- Perigeyerella* Wang 1955
 Davidsoniacea King 1850
- Perimecocoelia* Cooper 1956
 Porambonitacea Davidson 1853
- Perissothyris* Carter 1967
 Spiriferacea King 1846
- Peritritoechia* Xu, Rong & Liu 1974
 Clitambonitacea Winchell & Schuchert 1893
- Permianella* He & Zhu 1979
 Permianellacea He & Zhu 1979
- Permicola* Koczyrkevicz 1976
 Dielasmatacea Schuchert 1913
- Permochonetes* Afanasjeva 1977
 Chonetacea Bronn 1862
- Permorphricodothyris* Pavlova 1965
 Reticulariacea Waagen 1883
- Permorthotetes* Thomas 1958
 Davidsoniacea King 1850
- Permospirifer* Kulikov 1950
 Spiriferacea King 1846
- Permudaria* Nakamura, Kato & Choi 1970
 Productacea Gray 1840
- Perrierithyris* Almeras 1971
 Terebratulacea Gray 1840
- Peshiatrypa* Xian 1978
 Atrypacea Gill 1871
- Pesterevatrypa* Rzonstnizkaja 1975
 Atrypacea Gill 1871
- Petasmaia* Cooper & Grant 1969
 Lyttoniacea Waagen 1883
- Petasmatherus* Cooper & Grant 1969
 Rhynchonellacea Gray 1848
- Petria* Mendes 1961
 Dielasmatacea Schuchert 1913
- Petrocrania* Raymond 1911
 Craniacea Menke 1828
- Petroria* Wilson 1926
 Plectambonitacea Jones 1928
- Pexidella* Rittner 1890
 Athyridacea McCoy 1844
- Phapsirhynchia* Pajaud 1976
 Rhynchonellacea Gray 1848
- Periallus woodsidensis* Hoover 1979
 Triassic
- Perichonetes mirabilis* Xu 1979
 Devonian
- Dalejina periens* Havlicek 1956
 Devonian
- Perigeyerella costellata* Wang 1955
 Permian
- Perimecocoelia semicostata* Cooper 1956
 Ordovician
- Perissothyris masonensis* Carter 1967
 Mississippian
- Peritritoechia imbricatia* Xu, Rong & Liu 1974
 Ordovician
- Permianella typica* He & Zhu 1979
 Permian
- Permicola plicatus* Koczyrkevicz 1976
 Permian
- Permochonetes pamiricus* Afanasjeva 1977
 Permian
- Permorphricodothyris ovata* Pavlova 1965
 Permian
- Permorthotetes callytharrensensis* Thomas 1958
 Permian
- Spirifer keyserlingi* Netschajew 1911
 Permian
- Permudaria asiatica* Nakamura et al 1970
 Permian
- Terebratula dorsoplicata* Deslongchamps 1856
 Jurassic
- Atrypa peshiensis* Grabau 1931
 Devonian
- Pesterevatrypa malosalairica* Rzonstnizkaja 1975
 Devonian
- Petasmaia expansa* Cooper & Grant 1969
 Permian
- Petasmatherus opulus* Cooper & Grant 1969
 Permian
- Waldheimia coutinhoana* Derby 1874
 Pennsylvanian
- Craniella meduanensis* Oehlert 1888
 Ordovician-Permian
- Petroria rugosa* Wilson 1926
 Ordovician
- Spirifer strohmayeri* Suess 1855
 Triassic
- Phapsirhynchia sanctapaulensis* Pajaud 1976
 Tertiary

- Pharcidodiscus* Roberts 1976
 Productacea Gray 1840
- Pharetra* Bolten 1798
 Linquacea Menke 1829
- Philhedra* Koken 1889
 Craniacea Menke 1829
- Philhedrella* Kozłowski 1929
 Craniacea Menke 1829
- Phlogoiderhynchus* Sartenaer 1970
 Rhynchonellacea Gray 1848
- Phoenicioechia* Havlicek 1960
 Rhynchonellacea Gray 1848
- Pholidostrophia* Hall & Clarke 1892
 Strophomenacea King 1846
- Phragmophora* Cooper 1955
 Enteletacea Waagen 1884
- Phragmorthis* Cooper 1956
 Orthacea Woodward 1852
- Phragmostrophia* Harper et al 1967
 Strophomenacea King 1846
- Phragmothyris* Cooper 1955
 Terebratulacea King 1850
- Phrenophoria* Cooper & Grant 1969
 Rhynchonellacea Gray 1848
- Phricodothyris* George 1932
 Reticulariacea Waagen 1883
- Phymatothyris* Cooper & Muir-Wood 1951
 Terebratulacea Gray 1840
- Physemella* Godefroid 1974
 Pentameracea McCoy 1844
- Physetorhyncha* Sartenaer & Rozman 1968
 Rhynchonellacea Gray 1848
- Phytotreta* Rowell 1966
 Acrotretacea Schuchert 1893
- Piarorhynchella* Dagys 1974
 Rhynchonellacea Gray 1848
- Piarorhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Piarothyris* Sahni 1925
 Terebratulacea Gray 1840
- Pictothyris* Thomson 1927
 Terebratulacea King 1850
- Pinaxiothyris* Dagys 1968
 Terebratulacea Gray 1840
- Pinghuanqella* Jianq 1978
 Spiriferacea King 1846
- Pinguaella* Boucot & Johnson 1979
 Pentameracea McCoy 1844
- Pharcidodiscus boulderensis* Roberts 1976
 Carboniferous
- Pharetra monoculoides* Bolten 1798
 Ordovician-Recent
- Philhedra baltica* Koken 1889
 Ordovician-Carboniferous
- Philhedra mimetica* Kozłowski 1929
 Silurian
- Uncinulus arefactus* Veevers 1959
 Devonian
- Terebratula phoenix* Barrande 1847
 Devonian
- Strophomena naerea* Hall 1857
 Silurian-Devonian
- Phragmophora schnuri* Cooper 1955
 Devonian
- Phragmorthis buttsi* Cooper 1956
 Ordovician
- Phragmostrophia merriami* Harper et al 1967
 Devonian
- Phragmothyris cubensis* Cooper 1955
 Tertiary
- Phrenophoria subcarinata* Cooper & Grant 1969
 Permian
- Phricodothyris lucerna* George 1932
 Mississippian-Permian
- Palasiella kerkyraea* Renz 1932
 Jurassic
- Physemella maillieuxi* Godefroid 1974
 Devonian
- Pugnax biloba* Rozman 1960
 Devonian
- Acrotreta spinosa* Walcott 1905
 Cambrian
- Piarorhynchella mangyshlakensis* Dagys 1974
 Triassic
- Rhynchonella lineata* Davidson 1878
 Triassic-Jurassic
- Piarothyris rotunda* Sahni 1925
 Cretaceous
- Anomia picta* Dillwyn 1817
 Tertiary-Recent
- Pinaxiothyris campestris* Dagys 1968
 Jurassic
- Pinghuanqella bisulcata* Jianq 1978
 Devonian
- Rhipidium pingue* Amsden 1949
 Silurian

- Pinguispirifer* Havlicek 1957
Spiriferacea King 1846
- Pionodema* Foerste 1912
Enteletacea Waagen 1884
- Pionomena* Cooper 1956
Strophomenacea King 1846
- Pionorthis* Schuchert&Cooper 1931
Orthacea Woodward 1852
- Pirgulia* Cooper&Muir-Wood 1951
Lyttoniaceae Waagen 1883
- Pirothyris* Thomson 1927
Terebratulacea King 1850
- Pirotthyris* Sucic-Protic 1971
Loboidothyridacea Makridin 1964
- Pisirhynchia* Buckman 1917
Rhynchonellacea Gray 1848
- Pizarroa* Hoek 1912
Lingulacea Menke 1828
- Placothyris* Westphal 1970
Terebratulacea Gray 1840
- Placotriplesia* Amsden 1968
Triplesia Schuchert 1913
- Plaesiomys* Hall&Clarke 1892
Orthacea Woodward 1852
- Plagiorhyncha* McLearn 1918
Rhynchonellacea Gray 1848
- Planalvus* Carter 1971
Athyridacea McCoy 1844
- Planatrypa* Copper 1967
Atrypacea Gill 1871
- Planatrypa* Struve 1966
Atrypacea Gill 1871
- Planicardinia* Savage 1968
Dalmanellacea Schuchert 1913
- Planidorsa* Schuchert&Cooper 1931
Orthacea Woodward 1852
- Planirhynchia* Sucic-Protic 1969
Rhynchonellacea Gray 1848
- Planispina* Stehli 1954
Strophalosiacea Schuchert 1913
- Planodouvillina* Harper&Boucot 1978
Stropheodontacea Caster 1939
- Planoharknessella* Havlicek 1950
Enteletacea Waagen 1884
- Planoproductus* Stainbrook 1947
Productacea Gray 1840
- Planovatiostrum* Sartenaer 1970
Rhynchonellacea Gray 1848
- Spirifer infirmus* Barrande 1879
 Devonian
- Orthis subaequata* Conrad 1843
 Ordovician
- Pionomena neumani* Cooper 1956
 Ordovician
- Orthis sola* Billings 1866
 Ordovician
- Lyttonia pedicula* Gregorio 1930
 Permian
- Magasella vercoi* Blochmann 1910
 Recent
- Pirotthyris fortis* Sucic-Protic 1971
 Jurassic
- Rhynchonella pisoides* Zittel 1869
 Jurassic
- Pizarroa quichuana* Hoek 1912
 Ordovician
- Terebratula rolliceri* Haas 1893
 Jurassic
- Triplesia praecipua* Ulrich&Cooper 1936
 Silurian
- Orthis subquadrata* Hall 1847
 Ordovician
- Rhynchonella glassii* Davidson 1883
 Silurian
- Planalvus gibberosa* Carter 1971
 Mississippian
- Atrypa petasa* Copper 1967
 Devonian
- Atrypa collega* Struve 1966
 Devonian
- Planicardinia carrolli* Savage 1968
 Devonian
- Planidorsa bella* Schuchert&Cooper 1931
 Ordovician
- Planirhynchia tantilla* Sucic-Protic 1969
 Jurassic
- Planispina conida* Stehli 1954
 Permian
- Planodouvillina cortezi* Harper&Boucot 1978
 Devonian
- Planoharknessella planidorsa* Havlicek 1950
 Ordovician
- Productella hillsboroensis* Kindle 1909
 Devonian
- Liorhynchus planovalis* Nalivkin 1937
 Devonian

- Platidia* Costa 1852
Terebratulaceae King 1850
- Platyconcha* Waterhouse 1975
Productacea Gray 1840
- Platyglossariorhynchus* Sartenaer 1970
Rhynchonellaceae Gray 1848
- Platymena* Cooper 1956
Strophomenaceae King 1846
- Platymerella* Foerste 1909
Pentameraceae McCoy 1844
- Platyorthis* Schuchert&Cooper 1931
Enteletaceae Waagen 1884
- Platyrachella* Fenton&Fenton 1924
Spiriferaceae King 1846
- Platyselma* Gordon 1966
Productacea Gray 1840
- Platyspirifer* Grabau 1931
Spiriferaceae King 1846
- Platystrophia* King 1850
Orthacea Woodward 1852
- Platyterorhynchus* Sartenaer 1970
Rhynchonellaceae Gray 1848
- Platythyris* Middlemiss 1959
Terebratulaceae Gray 1840
- Platytoechia* Neuman 1964
Clitambonitaceae Winchell&Schuchert 1893
- Playfairia* Reed 1917
Strophomenaceae King 1846
- Plebejochonetes* Boucot&Harper 1968
Chonetacea Bronn 1862
- Plectambonites* Pander 1830
Plectambonitaceae Jones 1928
- Plectatrypa* Schuchert&Cooper 1930
Atrypaceae Gill 1871
- Plectelasma* Cooper&Grant 1969
Dielasmataceae Schuchert 1913
- Plectella* Lamansky 1905
Plectambonitaceae Jones 1928
- Plectocamara* Cooper 1956
Plectambonitaceae Davidson 1853
- Plectoconcha* Cooper 1942
Terebratulaceae Gray 1840
- Plectodonta* Kozlowski 1929
Plectambonitaceae Jones 1928
- Plectodontella* Havlicek 1953
Plectambonitaceae Jones 1928
- Plectoglossa* Cooper 1956
Lingulaceae Menke 1828
- Orthis anomiooides* Scacchi&Philippi 1844
Tertiary-Recent
- Platyconcha grandis* Waterhouse 1975
Permian
- Pugnax proteus* Torley 1934
Devonian
- Platymena plana* Cooper 1956
Ordovician
- Platymerella manniensis* Foerste 1909
Silurian
- Orthis planoconvexa* Hall 1859
Silurian-Devonian
- Spirifera macbridei* Calvin 1883
Devonian
- Platyselma echinatum* Gordon 1966
Mississippian
- Schizophoria paronai* Martelli 1902
Devonian
- Terebratulites biforatus* Schlotheim 1820
Ordovician-Silurian
- Leiorhynchus russelli* McLaren 1962
Devonian
- Platythyris comptonensis* Middlemiss 1959
Cretaceous
- Platytoechia boucoti* Neuman 1964
Ordovician
- Strophomena deltoidea* Conrad 1839
Ordovician
- Chonetes plebejus* Schnur 1853
Devonian
- Plectambonites planissima* Pander 1830
Ordovician
- Terebratula imbricata* Sowerby 1839
Ordovician-Silurian
- Plectelasma kingi* Cooper&Grant 1969
Permian
- Plectambonites uncinata* Pander 1830
Ordovician
- Plectocamara costata* Cooper 1956
Ordovician
- Rhynchonella aequiplicata* Gabb 1864
Triassic
- Plectodonta mariae* Kozlowski 1929
Silurian-Devonian
- Plectodontella redunca* Havlicek 1953
Devonian
- Plectoglossa oklahomensis* Cooper 1956
Ordovician

- Plectoidothyris* Buckman 1917
Terebratulacea Gray 1940
- Plectorhynchella* Cooper&Muir-Wood 1951
Rhynchonellacea Gray 1848
- Plectorthis* Hall&Clarke 1892
Orthacea Woodward 1852
- Plectospira* Cooper 1942
Retziacea Waagen 1883
- Plectospirifer* Grabau 1931
Spiriferacea King 1846
- Plectothyrella* Temple 1965
Athyridacea McCoy 1844
- Plectothyris* Buckman 1917
Terebratulacea Gray 1840
- Plectotreta* Ulrich&Cooper 1936
Triplésiacea Schuchert 1913
- Plectotrophia* Ulrich&Cooper 1936
Porambonitacea Davidson 1853
- Pleiolepleurina* Schmidt 1964
Rhynchonellacea Gray 1848
- Plekonella* Campbell 1953
Rhynchonellacea Gray 1848
- Plesicarinata* Mizens 1977
Atrypacea Gill 1871
- Plesiothyris* Douville 1879
Zeilleriacea Allan 1940
- Plethorhyncha* Hall&Clarke 1893
Rhynchonellacea Gray 1848
- Pleurelasma* Cooper&Grant 1976
Dielasmatacea Schuchert 1913
- Pleurochonetes* Isaacson 1977
Chonetacea Bronn 1862
- Pleurocornu* Havlicek 1961
Rhynchonellacea Gray 1848
- Pleurodium* Wang 1955
Pentameracea McCoy 1844
- Pleurohorridonia* Dunbar 1955
Productacea Gray 1840
- Pleuropugnoides* Ferguson 1966
Rhynchonellacea Gray 1848
- Pleurorthis* Cooper 1956
Orthacea Woodward 1852
- Pleurothyrella* Boucot et al 1963
Stringocephalacea King 1850
- Plicanoplia* Boucot&Harper 1968
Chonetacea Bronn 1862
- Plicanoplites* Havlicek 1974
Chonetacea Bronn 1862
- Terebratula polyplecta* Buckman 1901
Jurassic
- Athyris collinensis* Frech 1902
Devonian
- Orthis plicatella* Hall 1847
Ordovician
- Terebratula ferita* Ruch 1834
Devonian
- Spirifer heimi* Grabau 1931
Devonian
- Plectothyrella platystrophoides* Temple 1965
Ordovician
- Terebratula fimbria* Sowerby 1822
Jurassic
- Plectotreta lindstroemi* Ulrich&Cooper 1936
Silurian
- Plectotrophia bridgei* Ulrich&Cooper 1936
Cambrian
- Atrypa pleiolepleura* Conrad 1841
Devonian
- Plekonella acuta* Campbell 1953
Pennsylvanian-Permian
- Plectatrypa carpulenta* Freivel 1959
Devonian
- Terebratula verneuili* Deslongchamps 1863
Jurassic
- Rhynchonella speciosa* Hall 1856
Devonian
- Pleurelasma costatum* Cooper&Grant 1976
Permian
- Chonetes lauriata* Isaacson 1977
Devonian
- Rhynchonella amissa* Barrande 1879
Silurian
- Conchidium tenuiplicatus* Grabau 1925
Silurian
- Pleurohorridonia scoresbyensis* Dunbar 1955
Permian
- Terebratula pleurodon* Phillips 1836
Carboniferous
- Pleurorthis fascicostellata* Cooper 1956
Ordovician
- Scaphioecelia africana* Reed 1906
Devonian
- Chonetes fornacula* Dunbar 1920
Devonian
- Plicanoplia peculiaris* Havlicek 1973
Devonian

- Plicarostrum Purri* 1953
Rhynchonellacea Gray 1848
- Plicathyris Khalfin* 1946
Athyridacea McCoy 1844
- Plicatifera Chao* 1927
Productacea Gray 1840
- Plicatocyrtia Gauri* 1965
Spiriferacea King 1846
- Plicatoderbya Thomas* 1937
Davidsoniacea King 1850
- Plicatolingula Liu* 1979
Lingulacea Menke 1828
- Plicatosyrinx Minato* 1952
Spiriferacea King 1846
- Plicirhynchia Allan* 1947
Rhynchonellacea Gray 1848
- Plicochonetes Paeckelmann* 1930
Chonetacea Bronn 1862
- Plicocoelina Boucot&Johnson* 1966
Pentameracea McCoy 1844
- Plicocyrtia Boucot* 1963
Cyrtiacea Fredericks 1924
- Plicocyrtina Havlicek* 1956
Suessiacea Waagen 1883
- Plicodevonaria Boucot&Harper* 1968
Chonetacea Bronn 1862
- Plicogypa Rzonisnitskaja* 1975
Pentameracea McCoy 1844
- Plicoplasia Boucot* 1959
Cyrtiacea Fredericks 1924
- Plicoproductus Ljaschenko* 1969
Productacea Gray 1840
- Plicostricklandia Boucot&Ehlers* 1963
Pentameracea McCoy 1844
- Plicostropheodonta Sokolskaja* 1960
Strophomenacea King 1846
- Plicotorynifer Abramov&Solomina* 1970
Reticulariacea Waagen 1883
- Plionoptycherhynchus Sartenaer* 1979
Rhynchonellacea Gray 1848
- Pocockia Lazarev* 1976
Enteletacea Waagen 1884
- Podolella Kozlowski* 1929
Stringocephalacea King 1850
- Podtsheremia Kalashnikov* 1966
Spiriferacea King 1846
- Poikilosakos Watson* 1917
Lyttoniacea Waagen 1883
- Plicarostrum haueriviense Burri* 1953
Cretaceous
- Athyris sibirica Khalfin* 1940
Devonian
- Productus plicatilis Sowerby* 1824
Mississippian
- Spirifer zitteli Schellwien* 1892
Pennsylvanian
- Orthotetes magnus Aranson* 1930
Permian
- Plicatolingula caelata Liu* 1979
Cambrian
- Plicatosyrinx singulare Minato* 1952
Mississippian
- Rhynchonella plicigera Ihering* 1897
Tertiary
- Chonetes buchianus Koninck* 1843
Carboniferous
- Pentamerus occidentalis Hall* 1852
Silurian
- Cyrtia petasus Barrande* 1848
Silurian
- Cyrtina sinuulicata Havlicek* 1956
Devonian
- Orthis minuta Buch* 1836
Devonian
- Pentamerus kayseri Peetz* 1901
Devonian
- Plicoplasia cooperi Boucot* 1959
Devonian
- Productella mosolovica Ljaschenko* 1958
Devonian
- Stricklandia multilirata Whitfield* 1878
Silurian
- Orthis murchisoni Verneuil&Archiac* 1842
Devonian
- Plicotorynifer snjatkovi Abramov* 1970
Pennsylvanian
- Plionoptycherhynchus exformosus Sartenaer* 1979
Devonian
- Atrypa gibbera Portlock* 1843
Mississippian
- Podolella rensseleeroides Kozlowski* 1929
Devonian
- Podtsheremia prima Kalashnikov* 1966
Mississippian
- Poikilosakos petaloides Watson* 1917
Pennsylvanian-Permian

- Polymorpharia* Cooper&Grant 1975
 Productacea Gray 1840
- Polytoechia* Hall&Clarke 1892
 Clitambonitacea Winchell&Schuchert 1893
- Pomatospirella* Rittner 1892
 Uncertain
- Pomatotrema* Ulrich&Cooper 1932
 Clitambonitacea Winchell&Schuchert 1893
- Pomeromena* Mitchell 1977
 Strophomenacea King 1846
- Pompeckium* Havlicek 1970
 Orthacea Woodward 1852
- Pondospirifer* Waterhouse 1978
 Spiriferacea King 1846
- Pontielasma* Waterhouse&Piyasin 1970
 Cryptonellacea Thomson 1926
- Pontisia* Cooper&Grant 1969
 Rhynchonellacea Gray 1848
- Porambonites* Pander 1830
 Porambonitacea Davidson 1853
- Porambonitoides* Xu 1978
 Porambonitacea Davidson 1853
- Poramborthis* Havlicek 1949
 Orthacea Woodward 1852
- Porostictia* Cooper 1955
 Rhynchonellacea Gray 1848
- Portneufia* Hoover 1979
 Dielasmatacea Schuchert 1913
- Portranella* Wright 1964
 Orthacea Woodward 1852
- Postepithyris* Makridin 1960
 Terebratulacea Gray 1840
- Pradoia* Comte 1938
 Athyridacea McCoy 1944
- Praecubanothyris* Daqys 1974
 Dielasmatacea Schuchert 1913
- Praecyclothyris* Makridin 1955
 Rhynchonellacea Gray 1848
- Praegnantenia* Havlicek 1961
 Rhynchonellacea Gray 1848
- Praehorridonia* Ustritsky 1962
 Productacea Gray 1840
- Praelacazella* Smirnova 1969
 Thecideacea Gray 1840
- Praelacunosella* Wisniewska 1978
 Rhynchonellacea Gray 1848
- Polymorpharia polymorpha* Cooper&Grant 1975
 Permian
- Hemipronites apicalis* Whitfield 1886
 Ordovician
- Spirigera thecidium* Bittner 1892
 Triassic
- Pomatotrema muralis* Ulrich&Cooper 1932
 Ordovician
- Pomeromena transversa* Mitchell 1977
 Ordovician
- Orthis kuthani* Pompeckj 1896
 Cambrian
- Pondospirifer magnificus* Waterhouse 1978
 Permian
- Pontielasma praeundatum* Waterhouse&Piyasin 1970
 Permian
- Pontisia stehlii* Cooper&Grant 1969
 Permian
- Porambonites intermedia* Pander 1830
 Ordovician-Silurian
- Hemipronites hupeihensis* Wang 1955
 Ordovician
- Poramborthis klouceki* Havlicek 1949
 Ordovician
- Paraphorhynchus perchaensis* Stainbrook 1947
 Devonian
- Portneufia episulcata* Hoover 1979
 Triassic
- Portranella angulocostellata* Wright 1964
 Ordovician
- Terebratula cincta* Cotteau 1857
 Jurassic
- Terebratula torenoi* Verneuil&Archiac 1845
 Devonian
- Praecubanothyris obtusus* Daqys 1974
 Triassic
- Rhynchonella moeschi* Makridin 1952
 Jurassic
- Terebratula praegnans* Barrande 1847
 Devonian
- Praehorridonia dorsoplicata* Ustritsky 1962
 Permian
- Thecidium valangiense* Loriol 1868
 Cretaceous
- Praelacunosella substephani* Wisniewska-Zelich. 1978
 Jurassic

- Praelongithyris* Middlemiss 1959
Terebratulacea Gray 1840
- Praeneothyris* Katz 1962
Terebratellacea King 1850
- Praewaagenoconcha* Sokolskaja 1948
Productacea Gray 1840
- Prantlina* Havlicek 1949
Orthacea Woodward 1952
- Primorewia* Licharew&Kotljars 1978
Spiriferacea King 1846
- Prionorhynchia* Ruckman 1917
Rhynchonellacea Gray 1848
- Prionoathyris* Cloud 1942
Stringocephalacea King 1850
- Prisca* Gregorio 1930
Lyttoniaceae Waagen 1883
- Proatribonium* Gratsianova 1967
Stenosismatacea Oehlert 1887
- Probolarina* Cooper 1959
Rhynchonellacea Gray 1848
- Probolonia* Cooper 1957
Productacea Gray 1840
- Probooscidella* Oehlert 1887
Productacea Gray 1840
- Probooscidina* Isaacson 1977
Stringocephalacea King 1850
- Procerulina* Andronov 1961
Pentameracea McCoy 1844
- Prochlidonophora* Thomson&Owen 1979
Terebratulacea Gray 1840
- Prochoristitella* Legrand-Blain 1969
Spiriferacea King 1846
- Proconchidium* Sapelnikov 1969
Pentameracea McCoy 1844
- Prodauidsonia* Havlicek 1956
Davidsoniaceae King 1850
- Productella* Hall 1867
Productacea Gray 1840
- Productellana* Stainbrook 1950
Productacea Gray 1840
- Productellina* Reed 1943
Productacea Gray 1840
- Productina* Sutton 1938
Productacea Gray 1840
- Productorthis* Kozlowski 1927
Orthacea Woodward 1852
- Productus* Sowerby 1814
Productacea Gray 1840
- Praelongithyris praelongiforma* Middlemiss 1959
Cretaceous
- Praeneothyris darvasensis* Katz 1962
Cretaceous
- Productus orelianus* Moeller 1871
Devonian
- Orthis desiderata* Barrande 1848
Ordovician
- Primorewia reshetnikov* Licharew&Kotljars 1978
Permian
- Terebratula serrata* Sowerby 1825
Jurassic
- Prionoathyris perovalis* Cloud 1942
Devonian
- Lyttonia fasciculata* Gregorio 1930
Permian
- Proatribonium altaicum* Gratsianova 1967
Devonian
- Rhynchonella holmesii* Dall 1903
Tertiary
- Probolonia posteroreticulata* Cooper 1957
Permian
- Productus proboscideus* Verneuil 1840
Mississippian
- Centronella arcei* Ulrich 1892
Devonian
- Pentamerus acutolobatus* Barrande 1879
Devonian
- Prochlidonophora muirwoodae* Thomson&Owen 1979
Cretaceous
- Prochoristitella afghanensis* Legrand-Blain 1969
Carboniferous
- Conchidium munsteri* St. Joseph 1938
Ordovician
- Prodauidsonia dalejensis* Havlicek 1956
Devonian
- Productus subaculeatus* Murchison 1840
Devonian-Mississippian
- Productellana bifaria* Stainbrook 1950
Mississippian
- Productus fremingtonensis* Reed 1943
Devonian
- Productus sampsoni* Weller 1909
Mississippian
- Productus obtusus* Pander 1830
Ordovician
- Anomites productus* Martin 1809
Mississippian

- Progonambonites* Opik 1934
 Gonambonitacea Schuchert & Cooper 1931
- Prokopia* Havlicek 1953
 Enteleteacea Waagen 1884
- Promarginifera* Shiells 1966
 Productacea Gray 1840
- Pronalivkinia* Rukavischnikova 1977
 Atrypacea Gill 1871
- Propatella* Grubbs 1939
 Craniacea Menke 1828
- Propygope* Rittner 1890
 Dielasmatacea Schuchert 1913
- Prorensselaeria* Raymond 1923
 Stringocephalacea King 1850
- Proreticularia* Havlicek 1957
 Reticulariacea Waagen 1883
- Prorichthofenia* King 1931
 Richthofeniacea Waagen 1885
- Proschizophoria* Maillieux 1912
 Enteleteacea Waagen 1884
- Prospira* Maxwell 1954
 Spiriferacea King 1846
- Prosserella* Grabau 1910
 Cyrtiacea Fredericks 1924
- Prostricklandia* Rukavischnikova et al 1973
 Pentameracea McCoy 1844
- Prosyringothyris* Fredericks 1916
 Spiriferacea King 1846
- Protambonites* Havlicek 1972
 Clitambonitacea Winchell & Schuchert 1893
- Protanidanthus* Liao 1979
 Productacea Gray 1840
- Protathyris* Kozłowski 1929
 Athyridacea McCoy 1844
- Protatrypa* Boucot, Johnson & Staton 1964
 Atrypacea Gill 1871
- Protetuliferina* Licharew 1960
 Strophalosiacea Schuchert 1913
- Proteorthis* Havlicek 1974
 Orthacea Woodward 1852
- Protobolus* Liu 1979
 Obolellacea Walcott & Schuchert 1908
- Protochonetes* Muir-Wood 1962
 Chonetacea Bronn 1862
- Protocortezorthis* Johnson & Talent 1967
 Dalmanellacea Schuchert 1913
- Protocymostrophia* Harper & Boucot 1978
 Stropheodontacea Caster 1939
- Progonambonites estonus* Opik 1934
 Ordovician
- Prokopia bouskai* Havlicek 1953
 Devonian
- Promarginifera trearnensis* Shiells 1966
 Mississippian
- Nalivkinia numerosa* Rukavischnikova 1977
 Silurian
- Propatella magnacostata* Grubbs 1939
 Silurian
- Terebratula hagar* Rittner 1890
 Triassic
- Prorensselaeria nylanderii* Raymond 1923
 Devonian
- Spirifer carens* Barrande 1879
 Silurian
- Crania Permianiana* Shumard 1859
 Permian
- Orthis personata* Zeiler 1857
 Devonian
- Prospira typha* Maxwell 1954
 Mississippian
- Prosserella modestoides* Grabau 1910
 Devonian
- Prostricklandia prisca* Rukavischnikova et al 1973
 Ordovician
- Prosyringothyris northi* Fredericks 1916
 Mississippian
- Tritoechia kolihai* Havlicek 1949
 Cambrian
- Protanidanthus elegans* Liao 1979
 Carboniferous
- Protathyris praecursor* Kozłowski 1929
 Silurian-Devonian
- Protatrypa malmoeyensis* Boucot et al 1964
 Silurian
- Tetuliferina rossica* Ivanov 1925
 Pennsylvanian
- Orthis tardissima* Barrande 1879
 Silurian
- Protobolus olivaeformis* Liu 1979
 Cambrian
- Protochonetes ludloviensis* Muir-Wood 1962
 Silurian
- Orthis fornicatimcurvata* Fuchs 1919
 Silurian
- Strophomena ivanensis* Barrande 1879
 Silurian-Devonian

- Protodouvillina* Harper & Boucot 1978
 Stropheodontacea Caster 1939
- Protogusarella* Perry & Chatterton 1979
 Zeilleriacea Allan 1940
- Prototeptostrophia* Caster 1939
 Strophomenacea King 1846
- Protomegastrophia* Caster 1939
 Strophomenacea King 1846
- Protomendacella* Havlicek 1970
 Enteletacea Waagen 1884
- Protoniella* Bell 1929
 Productacea Gray 1840
- Protophragmapora* Alekseeva 1967
 Enteletacea Waagen 1884
- Protorhyncha* Hall & Clarke 1893
 Rhynchonellacea Gray 1848
- Protorthis* Hall & Clarke 1892
 Orthacea Woodward 1852
- Protoshaleria* Harper & Boucot 1978
 Stropheodontacea Caster 1939
- Protosiphon* Matthew 1897
 Obolellacea Walcott & Schuchert 1908
- Protoskenidioides* Williams 1974
 Orthacea Woodward 1852
- Prototreta* Bell 1938
 Acrotretacea Schuchert 1893
- Protozeuga* Twenhofel 1913
 Dayiacea Waagen 1883
- Protozyga* Hall & Clarke 1893
 Atrypacea Gill 1871
- Psamathopalass* Liu 1979
 Uncertain
- Psebajithyris* Tchorszhewsky 1974
 Terebratulacea Gray 1840
- Pseudoanisopleurella* Xu 1978
 Plectambonitacea Jones 1928
- Pseudoastrya* Copper 1973
 Atrypacea Gill 1871
- Pseudobolus* Cooper 1956
 Lingulacea Menke 1828
- Pseudobornhardtina* Yang 1977
 Stringocephalacea Gray 1850
- Pseudocamarophoria* Wedekind 1926
 Rhynchonellacea Gray 1848
- Pseudocamarotoechia* Kulkov 1974
 Rhynchonellacea Gray 1848
- Pseudochonetes* Su 1976
 Chonetacea Bronn 1862
- Strophomena inequistriata* Conrad 1842
 Devonian
- Protogusarella smithi* Perry & Chatterton 1979
 Triassic
- Strophomena blainvillii* Billings 1874
 Devonian
- Leptaena profunda* Hall 1852
 Silurian-Devonian
- Protomendacella eos* Havlicek 1970
 Ordovician
- Protoniella beedii* Bell 1929
 Mississippian
- Protophragmapora chobotchalensis* Alekseeva 1967
 Devonian
- Atrypa dubia* Hall 1847
 Ordovician
- Orthis billingsi* Hartt 1868
 Cambrian
- Strophomena ornatella* Davidson 1871
 Silurian-Devonian
- Protosiphon kempunum* Matthew 1897
 Cambrian
- Protoskenidioides revelata* Williams 1974
 Ordovician
- Prototreta trapeza* Bell 1938
 Cambrian
- Waldheimia mawei* Davidson 1881
 Silurian
- Atrypa exiqua* Hall 1847
 Ordovician
- Psamathopalass amphidox* Liu 1979
 Cambrian
- Psebajithyris rostovtzevi* Tchorszhewsky 1974
 Jurassic
- Pseudoanisopleurella aletheta* Xu 1978
 Ordovician
- Atrypa devoniana* Webster 1921
 Devonian
- Palaeoglossa gibbosa* Willard 1928
 Ordovician
- Pseudobornhardtina xianqzhouensis* Yang 1977
 Devonian
- Terebratula microrhyncha* Roemer 1844
 Devonian
- Pseudocamarotoechia nuculaeformis* Kulkov 1974
 Silurian
- Pseudochonetes flexoplicatus* Su 1976
 Devonian

- Pseudoconchidium* Nikiforova et al 1971
Pentameracea McCoy 1844
- Pseudocrania* McCoy 1851
Craniacea Menke 1828
- Pseudocyrtina* Dagys 1962
Spiriferinacea Davidson 1884
- Pseudoderbyia* Licharew 1934
Davidsoniacea King 1850
- Pseudodicellomus* Bell 1962
Lingulacea Menke 1828
- Pseudodicoelosia* Boucot&Amsden 1958
Enteletacea Waagen 1884
- Pseudodielasma* Brill 1940
Dielasmatacea Schuchert 1913
- Pseudodouvillina* Stainbrook 1945
Strophomenacea King 1846
- Pseudogibbirhynchia* Ager 1962
Rhynchonellacea Gray 1848
- Pseudoglossinotoechia* Tcherkesova 1967
Rhynchonellacea Gray 1848
- Pseudoglossothyris* Buckman 1901
Terebratulacea Gray 1840
- Pseudogruenewaldtia* Rzonstnitzkaja 1960
Atrypacea Gill 1871
- Pseudohalorella* Dagys 1965
Rhynchonellacea Gray 1848
- Pseudoharttina* Licharew 1934
Dielasmatacea Schuchert 1913
- Pseudohomeospira* Nikiforova 1970
Athyrisinacea Grabau 1931
- Pseudokingena* Rose&Schlosser 1900
Dielasmatacea Schuchert 1913
- Pseudolabaia* Ching&Ye 1979
Dielasmatacea Schuchert 1913
- Pseudolaballa* Dagys 1974
Spiriferinacea Davidson 1884
- Pseudoleiorhynchus* Rozman 1962
Rhynchonellacea Gray 1848
- Pseudolepismatina* Ching&Sun 1976
Suessiaceae Waagen 1883
- Pseudoleptaena* Miloradovich 1947
Strophomenacea King 1846
- Pseudoleptodus* Stehli 1956
Lyttoniaceae Waagen 1883
- Pseudolingula* Mickwitz 1909
Lingulacea Menke 1828
- Pseudomarginifera* Stepanov 1934
Productacea Gray 1840
- Pseudoconchidium* kozhimicum Nikiforova 1971
Silurian
- Orbicula* antinuisissima Eichwald 1840
Ordovician
- Pseudocyrtina* norica Dagys 1962
Triassic
- Pseudoderbyia* netschajewi Licharew 1934
Permian
- Dicellomus* mosaica Bell 1941
Cambrian
- Rhipidomella* oklahomensis Amsden 1951
Silurian
- Pseudodielasma* perplexa Brill 1940
Permian
- Pseudodouvillina* euglyphea Stainbrook 1945
Devonian
- Rhynchonella* moorei Davidson 1852
Jurassic
- Pseudoglossinotoechia* atalanta Tcherkesova 1967
Devonian
- Terebratula* curvifrons Davidson 1878
Jurassic
- Pseudogruenewaldtia* tschernyschewi Rzonstnitzkaja 1960
Devonian
- Pseudohalorella* sibirica Dagys 1965
Triassic
- Pseudoharttina* ovalis Licharew 1934
Permian
- Pseudohomeospira* polaris Nikiforova 1970
Silurian
- Terebratulina* deslongchamosi Davidson 1850
Jurassic
- Dielasma* curvatum Yang 1962
Permian
- Laballa* bittneri Dagys 1965
Triassic
- Leiorhynchus* uralicus Nalivkin 1947
Devonian
- Pseudolepismatina* nyalamensis Ching&Sun 1976
Triassic
- Leptaena* distorta Sowerby 1846
Mississippian
- Pseudoleptodus* getawayensis Stehli 1956
Permian
- Crania* quadrata Eichwald 1829
Ordovician
- Productus* ussuricus Fredericks 1924
Permian

- Pseudometoptoma* Huene 1899
Craniacea Menke 1828
- Pseudoorthotetes* Sokolskaja 1963
Davidsoniaceae King 1850
- Pseudoparazyga* Johnson 1970
Retziacea Waagen 1883
- Pseudopentagonia* Besnossova 1963
Athyridacea McCoy 1844
- Pseudopholidops* Rekker 1921
Lingulacea Menke 1828
- Pseudoporambonites* Zeng 1977
Porambonitacea Davidson 1853
- Pseudopugnax* Licharew 1956
Rhynchonellacea Gray 1848
- Pseudopygoides* Xu 1978
Nielasmatacea Schuchert 1913
- Pseudorugitela* Dagys 1959
Terebratulacea King 1850
- Pseudosieberella* Godefroid 1972
Pentameracea McCoy 1844
- Pseudospiriferina* Yang & Xu 1966
Spiriferinacea Davidson 1884
- Pseudostrophalosia* Clarke 1970
Strophalosiaceae Schuchert 1913
- Pseudostrophomena* Roomusoks 1963
Orthotetacea Waagen 1884
- Pseudosyringothyris* Fredericks 1916
Spiriferacea King 1846
- Pseudosyrinx* Weller 1914
Spiriferacea King 1946
- Pseudotubithyris* Almeras 1971
Terebratulacea Gray 1840
- Pseudouncinulus* Rzonstnitskaja 1968
Rhynchonellacea Gray 1848
- Pseudowattonithyris* Almeras 1971
Terebratulacea Gray 1840
- Pseudowellerella* Licharew 1956
Rhynchonellacea Gray 1848
- Pseudoyunnanella* Chen 1978
Rhynchonellacea Gray 1848
- Psilocamara* Cooper 1956
Stenosismatacea Oehlert 1887
- Psiloria* Cooper 1976
Protorthacea Cooper 1976
- Psilothyris* Cooper 1955
Terebratulacea King 1850
- Psioidea* Hector 1879
Suessiacea Waagen 1883
- Metoptoma siluricum* Eichwald 1842
Ordovician-Silurian
- Pseudoorthotetes borodencovensis* Sokolskaja 1963
Carboniferous
- Trematospira cooperi* Merriam 1940
Devonian
- Pseudopentagonia injensis* Besnossova 1963
Carboniferous
- Pseudopholidops scutellata* Rekker 1921
Ordovician
- Pseudoporambonites yichangensis* Zeng 1977
Ordovician
- Pseudopugnax planissinus* Licharew 1956
Permian
- Pseudopygoides jueyongensis* Xu 1978
Triassic
- Waldheimia outchella* Bittner 1890
Triassic
- Pseudosieberella corrugata* Godefroid 1972
Devonian
- Pseudospiriferina variabilis* Yang & Xu 1966
Triassic
- Strophalosia brittoni* Maxwell 1954
Permian
- Pseudostrophomena reclinis* Roomusoks 1963
Silurian
- Pseudosyringothyris karpinskii* Fredericks 1916
Permian
- Pseudosyrinx missouriensis* Weller 1914
Mississippian
- Terebratula globata* Sowerby 1825
Jurassic
- Pseudouncinulus mamontovensis* Rzonstnitskaja 1968
Devonian
- Terebratula circumdata* Deslongchamps 1885
Jurassic
- Pseudowellerella nikchitchi* Licharew 1956
Permian
- Pseudoyunnanella sichuanensis* Chen 1978
Devonian
- Psilocamara renfroarium* Cooper 1956
Pennsylvanian-Permian
- Psiloria pauperata* Cooper 1976
Cambrian
- Psilothyris occidentalis* Cooper 1955
Cretaceous
- Spiriferina nelsonensis* Trechmann 1918
Triassic

- Psioidiella* Campbell 1968
Spiriferinacea Davidson 1884
- Pteroplecta* Waterhouse 1978
Delthyridacea Phillips 1841
- Pterospirifer* Dunbar 1955
Spiriferacea King 1846
- Ptilorhynchia* Crickmay 1933
Rhynchonellacea Gray 1848
- Ptilotorhynchus* Cooper&Grant 1976
Rhynchonellacea Gray 1848
- Ptychoglyptus* Willard 1928
Plectambonitacea Jones 1928
- Ptychomaletoechia* Sartenaer 1961
Rhynchonellacea Gray 1848
- Ptychopeltis* Perner 1903
Paterinacea Schuchert 1893
- Ptychopleurella* Schuchert&Cooper 1931
Orthisacea Woodward 1952
- Ptyctorhynchia* Buckman 1917
Rhynchonellacea Gray 1848
- Ptyctothyris* Buckman 1917
Terebratulacea Gray 1840
- Ptygmactrum* Cooper&Grant 1976
Rhynchonellacea Gray 1848
- Puanatrypa* Xian 1978
Atrypacea Gill 1871
- Puanospirifer* Jiang 1978
Reticulariacea Waaqen 1883
- Pugilis* Sarytcheva 1949
Productacea Gray 1840
- Pugnax* Hall&Clarke 1893
Rhynchonellacea Gray 1848
- Pugnoides* Weller 1910
Rhynchonellacea Gray 1848
- Pulchratia* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Pulchrithyris* Sahni 1925
Terebratulacea Gray 1840
- Pulsia* Ivanov 1925
Davidsoniaceae King 1850
- Pumilus* Atkins 1958
Terebratellacea King 1850
- Punctatrypa* Havlicek 1953
Atrypacea Gill 1871
- Punctocyrtella* Plodowski 1968
Spiriferacea King 1846
- Punctolira* Ulrich&Cooper 1936
Porambonitacea Davidson 1853
- Spiriferina otamitensis* Trechmann 1918
Triassic
- Pteroplecta laminatus* Waterhouse 1978
Permian
- Spirifer alatus* Schlotheim 1813
Permian
- Ptilorhynchia plumasensis* Crickmay 1933
Jurassic
- Ptilotorhynchus delicatum* Cooper&Grant 1976
Permian
- Ptychoglyptus virginiensis* Willard 1928
Ordovician
- Rhynchonella omaliumi* Gosselet 1877
Devonian
- Ptychopeltis incola* Perner 1903
Ordovician
- Orthis bouchardi* Davidson 1847
Ordovician-Silurian
- Rhynchonella pentaptycta* Buckman 1910
Jurassic
- Terebratula stephani* Davidson 1877
Jurassic
- Ptygmactrum extensum* Cooper&Grant 1976
Permian
- Puanatrypa guanziyaoensis* Xian 1978
Devonian
- Puanospirifer guanziyaoensis* Jiang 1978
Devonian
- Producta pugilis* Phillips 1836
Mississippian-Permian
- Terebratula acuminata* Sowerby 1822
Devonian-Carboniferous
- Rhynchonella ottumwa white* 1862
Mississippian
- Productus symmetricus* McChesney 1860
Pennsylvanian
- Pulchrithyris gracilis* Sahni 1925
Cretaceous
- Pulsia mosquensis* Ivanov 1925
Carboniferous
- Pumilus antiquatus* Atkins 1958
Recent
- Punctatrypa nalivkini* Havlicek 1953
Devonian
- Punctocyrtella spinosa* Plodowski 1968
Carboniferous-Permian
- Punctolira punctolira* Ulrich&Cooper 1936
Ordovician

- Punctopatella* Grubbs 1939
Craniacea Menke 1828
- Punctospirella* Dagys 1974
Spiriferinacea Davidson 1884
- Punctospirifer* North 1920
Spiriferinacea Davidson 1884
- Punctothyris* Hyde 1953
Spiriferinacea Davidson 1884
- Punctospinatrypa* Rzonznitzkaja 1975
Atrypacea Gill 1871
- Purdonella* Reed 1944
Spiriferacea King 1846
- Pustula* Thomas 1914
Productacea Gray 1840
- Pustulatia* Cooper 1956
Cyrtiacea Fredericks 1924
- Pustuloplica* Waterhouse 1968
Spiriferacea King 1846
- Pygites* Buckman 1906
Terebratulacea Gray 1840
- Pygmaella* Baranov 1977
Rhynchonellacea Gray 1848
- Pygmochonetes* Jinq&Hu 1978
Chonetacea Bronn 1862
- Pygope* Link 1830
Terebratulacea Gray 1840
- Pyraeneica* Sucic-Protic 1971
Loboidothyridacea Makridin 1964
- Pyramidalia* Nalivkin 1947
Suessiacea Waagen 1883
- Pyramina* Ljaschenko 1969
Cyrtiacea Fredericks 1924
- Qiansispirifer* Yang 1977
Spiriferacea King 1846
- Qilianoconcha* Ching,Sun&Ye 1979
Rhynchonellacea Gray 1848
- Qilianotryma* Xu 1979
Rhynchonellacea Gray 1848
- Qingyenia* Yang&Xu 1966
Spiriferinacea Davidson 1884
- Quadratia* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Quadratirhynchia* Buckman 1917
Rhynchonellacea Gray 1848
- Quadrifarius* Fuchs 1923
Spiriferacea King 1846
- Quadrikentron* Roucot&Gauri 1966
Chonetacea Bronn 1862
- Punctopatella corallifera* Grubbs 1939
Silurian
- Terebratula fragilis* Schlotheim 1814
Carboniferous-Triassic
- Punctospirifer scabricosta* North 1920
Mississippian
- Punctothyris argus* Hyde 1953
Mississippian
- Atrypa rejensis* Khodalevich 1951
Devonian
- Spirifer nikitini* Tschernyschew 1902
Permian
- Producta pustulosa* Phillips 1836
Mississippian
- Vitulina pustulosa* Hall 1860
Devonian
- Pustuloplica baccata* Waterhouse 1968
Permian
- Terebratula diphoides* Orbigny 1847
Cretaceous
- Pygmaella pygmaea* Baranov 1977
Devonian
- Pygmochonetes jinqxianensis* Jinq&Hu 1978
Permian
- Terebratula antinomia* Catullo 1827
Jurassic-Cretaceous
- Pyraeneica numerosa* Sucic-Protic 1971
Jurassic
- Spirifer simplex* Phillips 1841
Devonian
- Pyramina oskolensis* Ljaschenko 1969
Devonian
- Qiansispirifer speciosus* Yang 1977
Devonian
- Qilianoconcha corcula* Ching,Sun&Ye 1979
Triassic
- Qilianotryma mirabile* Xu 1979
Ordovician
- Qingyenia spinosa* Yang&Xu 1966
Triassic
- Productus hirsutiforme* Walcott 1884
Mississippian
- Quadratirhynchia quadrata* Buckman 1917
Jurassic
- Spirifer loculatus* Fuchs 1923
Devonian
- Chonetes hudsonica* Dunbar 1920
Devonian

- Quadrisonia* Powell&Henderson 1978
 Acrotretacea Schuchert 1893
- Quadrithyrina* Havlicek 1959
 Reticulariacea Waagen 1883
- Quadrithyris* Havlicek 1957
 Reticulariacea Waagen 1883
- Quadrochonetes* Stehli 1954
 Chonetacea Bronn 1862
- Quangyuania* Sheng 1975
 Atrypacea Gill 1871
- Quasiavonia* Brunton 1966
 Productacea Gray 1840
- Quasimartinia* Havlicek 1959
 Cyrtiacea Fredericks 1924
- Quasistrophonella* Harper&Roucot 1978
 Stropheodontacea Caster 1939
- Quasithambonia* Bednarczyk&Biernat 1978
 Lingulacea Menke 1828
- Quebecia* Walcott 1905
 Kutorgiacea Schuchert 1893
- Quinquenella* Waterhouse 1975
 Chonetacea Bronn 1862
- Quizhouspirifer* Xian 1979
 Spiriferacea King 1846
- Radiatrypa* Copper 1978
 Atrypacea Gill 1871
- Radiomena* Havlicek 1962
 Strophomenacea King 1846
- Rafinesquina* Hall&Clarke 1892
 Strophomenacea King 1846
- Rallacosta* Cooper&Grant 1976
 Reticulariacea Waagen 1883
- Ramavectus* Stehli 1954
 Aulostegacea Muir-Wood&Copper 1960
- Ranorthis* Opik 1939
 Orthacea Woodward 1852
- Rastelligera* Hector 1979
 Spiriferinacea Davidson 1884
- Ratburia* Yanagida 1970
 Chonetacea Bronn 1862
- Rauffia* Schulz 1914
 Stringocephalacea King 1850
- Raunites* Opik 1939
 Gonambonitacea Schuchert&Cooper 1931
- Ravozetina* Havlicek 1974
 Enteletacea Waagen 1884
- Rawdonia* Peou 1979
 Athyridacea McCoy 1844
- Quadrisonia minor* Rowell&Henderson 1978
 Cambrian
- Quadrithyrina ivanovae* Havlicek 1959
 Devonian
- Spirifer robustus* Barrande 1848
 Devonian
- Chonetes quadratus* Girty 1929
 Pennsylvanian-Permian
- Quangyuania ovalia* Sheng 1975
 Silurian
- Productus aculeatus* Sowerby 1814
 Mississippian
- Quasimartinia rectimarginata* Havlicek 1959
 Devonian
- Leptaena bohémica* Barrande 1848
 Devonian
- Quasithambonia rarispinosa* Bednarczyk&Biernat 1978
 Ordovician
- Obolella circe* Billings 1871
 Cambrian
- Quinquenella glabra* Waterhouse 1975
 Permian
- Spiriferina triplicata* Mansuy 1913
 Mississippian
- Atrypa gregeri* Rowley 1900
 Devonian
- Orthis irregularis* Roemer 1844
 Devonian
- Leptaena alternata* Conrad 1838
 Ordovician
- Rallacosta imparcata* Cooper&Grant 1976
 Permian
- Ramavectus diabloensis* Stehli 1954
 Permian
- Ranorthis norvegica* Opik 1939
 Ordovician
- Rastelligera elongata* Hector 1913
 Triassic
- Ratburia komalarjuni* Yanagida 1970
 Permian
- Rauffia pseudocaiqua* Schulz 1914
 Devonian
- Orthisina janischewskyi* Lessnikov 1924
 Ordovician
- Orthis honorata* Barrande 1879
 Ordovician
- Rawdonia nasharae* Peou 1979
 Carboniferous

- Rectirhynchia* Buckman 1917
Rhynchonellacea Gray 1848
- Rectithyris* Sahni 1929
Terebratulacea Gray 1840
- Rectotrophia* Bates 1968
Porambonitacea Davidson 1853
- Redlichella* Walcott 1908
Acrotretacea Schuchert 1893
- Reedoconcha* Kotljar 1964
Productacea Gray 1840
- Reeftonella* Boucot 1959
Cryptonellacea Thomson 1926
- Reeftonia* Allan 1947
Enteletacea Waagen 1884
- Reflexia* Rotai 1931
 Uncertain
- Regelia* Crickmay 1952
Spiriferacea King 1846
- Reinversella* Bates 1968
Plectambonitacea Jones 1928
- Remnevitoechia* Gratsianova 1970
Rhynchonellacea Gray 1848
- Renaudia* Racheboeuf 1976
Chonetacea Bronn 1862
- Rensselaeria* Hall 1859
Stringocephalacea King 1850
- Rensselaerina* Dunbar 1917
Stringocephalacea King 1850
- Rensselandia* Hall 1867
Stringocephalacea King 1850
- Resserella* Bancroft 1928
Enteletacea Waagen 1884
- Retaria* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Retichonetes* Muir-Wood 1962
Chonetacea Bronn 1862
- Reticularia* McCoy 1844
Reticulariacea Waagen 1883
- Reticulariina* Fredericks 1916
Spiriferinacea Davidson 1884
- Reticulariopsis* Fredericks 1916
Reticulariacea Waagen 1883
- Reticulatia* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Reticulatochonetes* Publichenko 1956
Chonetacea Bronn 1862
- Reticulatrumpa* Savage 1970
Atrypacea Gill 1871
- Rhynchonella* *lopensis* Moore 1855
 Jurassic
- Terebratula* *depressa* Valenciennes 1819
 Cretaceous
- Rectotrophia* *globularis* Bates 1968
 Ordovician
- Acrothele* *granulata* Linnarsson 1876
 Cambrian
- Productus* *Permianixtus* Reed 1932
 Permian
- Meganteris* *neozelanica* Allan 1935
 Devonian
- Reeftonia* *marwicki* Allan 1947
 Devonian
- Reflexia* *reflexa* Rotai 1931
 Carboniferous
- Cyrtospirifer* *glaucus* Crickmay 1952
 Devonian
- Reinversella* *monensis* Bates 1968
 Ordovician
- Remnevitoechia* *pseudogurjevskensis* Gratsianova 1970
 Devonian
- Eodevonaria* *mainensis* Racheboeuf 1976
 Devonian
- Terebratula* *ovoides* Eaton 1832
 Devonian
- Rensselaerina* *medioplicata* Dunbar 1917
 Devonian
- Rensselaeria* *johanni* Hall 1867
 Devonian
- Orthis* *canalis* Sowerby 1839
 Silurian
- Retaria* *umbonata* Muir-Wood&Cooper 1960
 Pennsylvanian-Permian
- Chonetes* *armatus* Bouchard-Chantereaux 1845
 Devonian-Mississippian
- Terebratula* *imbricata* Sowerby 1822
 Mississippian
- Spirifer* *spinosus* Norwood&Pratten 1855
 Mississippian&Permian
- Spirifer* *dereimsi* Oehlert 1901
 Devonian
- Productus* *huecoensis* King 1931
 Pennsylvanian-Permian
- Reticulatochonetes* *lautus* Publichenko 1956
 Mississippian
- Reticulatrumpa* *fairhillensis* Savage 1970
 Silurian-Devonian

- Retimarginifera Waterhouse 1970
Productacea Gray 1840
- Retrorsirostra Schuchert&Cooper 1931
Orthacea Woodward 1852
- Retzia King 1850
Retziacea Waagen 1883
- Retziella Nikiforova 1937
Retziacea Waagen 1883
- Retzispirifer Kulkov 1960
Spiriferacea King 1846
- Reuschella Bancroft 1928
Enteletacea Waagen 1884
- Reveroides Sapelnikov 1976
Pentameracea McCoy 1844
- Rhactomena Mitchell 1977
Strophomenacea King 1846
- Rhactorhynchia Buckman 1917
Rhynchonellacea Gray 1848
- Rhactorthis Williams 1963
Orthacea Woodward 1852
- Rhaetina Waagen 1882
Dielasmatacea Schuchert 1913
- Rhaetinopsis Yang&Xu 1966
Dielasmatacea Schuchert 1913
- Rhamnaria Muir-Wood&Cooper 1960
Aulostegacea Muir-Wood&Cooper 1960
- Rhapidothyris Tuluweit 1965
Terebratulacea Gray 1840
- Rhenorenselaeria Kegel 1913
Stringocephalacea King 1850
- Rhenospirifer Mittmeyer 1972
Spiriferacea King 1846
- Rhenostrophia Boucot 1960
Strophomenacea King 1846
- Rhenothyris Struve 1970
Reticulariacea Waagen 1883
- Rhipidium Schuchert&Cooper 1931
Pentameracea McCoy 1844
- Rhipidomella Oehlert 1890
Rhipidomellacea Schuchert 1913
- Rhipidomelloides Boucot&Amsden 1958
Enteletacea Waagen 1884
- Rhipidomena Cooper 1956
Strophomenacea King 1846
- Rhipidothyris Cooper&Williams 1935
Stringocephalacea King 1850
- Rhizothyris Thomson 1915
Terebratellacea King 1850
- Retimarginifera perforata Waterhouse 1970
Permian
- Orthis carleyi Hall 1847
Ordovician
- Terebratula adrieni Verneuil 1845
Devonian
- Retzia weberi Nikiforova 1937
Silurian
- Retzispirifer uriensis Kulkov 1960
Devonian
- Reuschella semiglobata Bancroft 1928
Ordovician
- Pentameroides jolvensis Sapelnikov 1961
Silurian
- Rhactomena splendens Mitchell 1977
Ordovician
- Rhactorhynchia rhacta Buckman 1917
Jurassic
- Rhactorthis crassa Williams 1963
Ordovician
- Terebratula gregaria Suess 1854
Triassic
- Rhaetinopsis ovata Yang&Xu 1966
Triassic
- Rhamnaria kingorum Muir-Wood&Cooper 1960
Permian
- Rhapidothyris arciferens Tuluweit 1965
Jurassic
- Terebratula striqiceps Roemer 1844
Devonian
- Spirifer dunensis Kayser 1889
Devonian
- Orthis subarachnoidea Archiac&Verneuil 1842
Devonian
- Rhenothyris rhenana Struve 1970
Devonian
- Pentamerus knappi Hall&Whitfield 1872
Silurian
- Terebratula michelini Leveille 1835
Silurian-Permian
- Rhipidomella henryhousesensis Amsden 1951
Devonian
- Strophomena tennesseensis Willard 1928
Ordovician
- Rhipidothyris plicata Cooper&Williams 1935
Devonian
- Bouchardia rhizoida Hutton 1905
Tertiary

- Rhombothyris* Middlemiss 1959
Terebratulacea Gray 1840
- Rhynchatrypa* Siehl 1962
Atrypacea Gill 1871
- Rhynchocamara* Schuchert&Cooper 1931
Porambonitacea Davidson 1853
- Rhynchoferella* Spriestersbach 1942
 Uncertain
- Rhynchonella* Fischer 1809
Rhynchonellacea Gray 1848
- Rhynchonellina* Gemmellaro 1871
Rhynchonellacea Gray 1848
- Rhynchonelloidea* Ruckman 1917
Rhynchonellacea Gray 1848
- Rhynchonelloidella* Muir-Wood 1936
Rhynchonellacea Gray 1848
- Rhynchonellopsis* Vincent 1893
Terebratulacea Gray 1840
- Rhynchopora* King 1865
Rhynchoporacea Muir-Wood 1955
- Rhynchora* Dalman 1828
Terebratellacea King 1850
- Rhynchorina* Oehlert 1897
Terebratellacea King 1850
- Rhynchorthis* Bates 1968
Enteletacea Waagen 1884
- Rhynchospirifer* Paulus 1957
Cyrtiacea Fredericks 1924
- Rhynchospirina* Schuchert&LeVene 1929
Retziacea Waagen 1883
- Rhynchotetra* Weller 1910
Rhynchonellacea Gray 1848
- Rhynchotrema* Hall 1860
Rhynchonellacea Gray 1848
- Rhynchotreta* Hall 1879
Rhynchonellacea Gray 1848
- Rhynchotretina* Khalfin 1948
Rhynchonellacea Gray 1848
- Rhynobolus* Hall 1871
Trimerellacea Davidson&King 1872
- Rhyselasma* Yadrenkina 1972
Porambonitacea Davidson 1853
- Rhysostrophia* Ulrich&Cooper 1936
Porambonitacea Davidson 1853
- Rhysotreta* Cooper 1956
Acrotretacea Schuchert 1893
- Rhyssochonetes* Johnson 1970
Chonetacea Bronn 1862
- Terebratula* *extensa* Meyer 1864
 Cretaceous
- Terebratula* *thetis* Barrande 1847
 Devonian
- Rhynchocamara* *plicata* Schuchert&Cooper 1931
 Ordovician
- Rhynchoferella* *montana* Spriestersbach 1942
 Devonian
- Rhynchonella* *loxiae* Fischer 1809
 Jurassic
- Rhynchonellina* *suessi* Gemmellaro 1871
 Triassic-Jurassic
- Rhynchonella* *ruthenensis* Reynes 1868
 Jurassic
- Rhynchonella* *varians* Davidson 1878
 Jurassic
- Terebratulina* *nysti* Bosquet 1862
 Tertiary
- Terebratula* *geinitziana* Verneuil 1845
 Mississippian-Permian
- Terebratula* *costata* Nilsson 1827
 Cretaceous
- Anomites* *spathulatus* Wahlenberg 1821
 Cretaceous
- Rhynchorthis* *rotundus* Bates 1968
 Ordovician
- Rhynchospirifer* *halleri* Paulus 1957
 Devonian
- Waldheimia* *formosa* Hall 1857
 Silurian-Devonian
- Rhynchonella* *caput* White 1862
 Mississippian
- Atrypa* *increbescens* Hall 1847
 Ordovician
- Terebratula* *cuneata* Dalman 1828
 Silurian
- Rhynchotretina* *aequalis* Khalfin 1948
 Devonian
- Obolus* *galtensis* Billings 1862
 Silurian
- Rhyselasma* *akitiense* Yadrenkina 1972
 Ordovician
- Rhysostrophia* *nevadensis* Ulrich&Cooper 1936
 Ordovician
- Rhysotreta* *corrugata* Cooper 1956
 Ordovician
- Rhyssochonetes* *aurora* Johnson 1970
 Devonian

- Rhytiophora Muir-Wood&Cooper 1960
Productacea Gray 1840
- Rhytirhynchia Cooper 1957
Rhynchonellacea Gray 1848
- Rhytisia Cooper&Grant 1975
Productacea Gray 1840
- Rhytistrophia Caster 1939
Strophomenacea King 1846
- Richthofenia Kayser 1881
Richthofeniacea Waagen 1885
- Rictia Gregorio 1930
Uncertain
- Rigbyella Stehli 1956
Lyttoniaceae Waagen 1883
- Rimirhynchia Buckman 1917
Rhynchonellacea Gray 1848
- Rimirhynchopsis Dagys 1963
Rhynchonellacea Gray 1848
- Riograndella Kobayashi 1937
Orthacea Woodward 1852
- Rioutlina Pajaud 1966
Thecideacea Gray 1840
- Ripidiorhynchus Sartenaer 1966
Rhynchonellacea Gray 1848
- Robertorthis Havlicek 1977
Orthacea Woodward 1852
- Robinsonella Moisseiev 1936
Rhynchonellacea Gray 1848
- Robustirhynchia Seifert 1963
Rhynchonellacea Gray 1848
- Rochatorhynchia Katz 1962
Rhynchonellacea Gray 1848
- Rocheithyris Almeras 1971
Terebratulacea Gray 1840
- Roemerella Hall&Clarke 1890
Discinacea Gray 1840
- Rominerina Hall&Clarke 1893
Stringocephalacea King 1850
- Rorespirifer Waterhouse&Piyasin 1970
Reticulariaceae Waagen 1883
- Rosella Andreeva 1972
Porambonitacea Davidson 1853
- Rossirhynchus Gaetani 1964
Rhynchonellacea Gray 1848
- Rostrantheris Gemmellaro 1899
Dielasmatacea Schuchert 1913
- Rostricellula Ulrich&Cooper 1942
Rhynchonellacea Gray 1848
- Productus blairi Miller 1891
Mississippian
- Hemithyris sladeni Dall 1910
Tertiary-Recent
- Rhytisia rugosa Cooper&Grant 1975
Permian
- Stropheodonta beckii Hall 1859
Devonian
- Anomia lawrenciana Koninck 1863
Permian
- Rictia simplex Gregorio 1930
Permian
- Paralyttonia qirtyi Wanner&Sievarts 1935
Permian
- Rimirhynchia rimosiformis Buckman 1917
Jurassic
- Rimirhynchopsis triadicus Dagys 1963
Triassic
- Riograndella subcircus Kobayashi 1937
Ordovician
- Thecidea triangularis Orbiqny 1850
Jurassic
- Terebratula livonica Buch 1834
Devonian
- Robertorthis holoubkovensis Havlicek 1977
Ordovician
- Robinsonella mastakanensis Moisseiev 1936
Triassic
- Terebratula ehningensis Quenstedt 1857
Jurassic
- Rochatorhynchia rochatensis Katz 1962
Cretaceous
- Rocheithyris curvata Almeras 1971
Jurassic
- Orbicula grandis Vanuxem 1842
Devonian&Permian
- Centronella julia Winchell 1862
Mississippian
- Rorespirifer ruinosus Waterhouse&Piyasin 1970
Permian
- Rosella karakulensis Andreeva 1972
Ordovician
- Rossirhynchus adamantinus Gaetani 1964
Mississippian
- Dielasma adrianense Gemmellaro 1894
Permian
- Rostricellula rostrata Ulrich&Cooper 1942
Ordovician

- Rostrirhynchia* Susic-Protic 1969
 Rhynchonellacea Gray 1848
- Rostrospirifer* Grabau 1931
 Spiriferacea King 1846
- Rotaia* Rzonstnitskaja 1959
 Rhynchonellacea Gray 1848
- Rotundostrophia* Gratsianova 1960
 Strophomenacea King 1846
- Rouillieria* Makridin 1960
 Terebratulacea Gray 1840
- Rowellella* Wright 1963
 Lingulacea Menke 1828
- Rowleyella* Weller 1911
 Athyridacea McCoy 1844
- Rozmanaria* Weyer 1972
 Rhynchonellacea Gray 1848
- Rudirhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Ruegenella* Owen 1977
 Terebratellacea King 1850
- Ruqaltarostrum* Sartenauer 1961
 Rhynchonellacea Gray 1848
- Rugaria* Cooper&Grant 1969
 Chonetacea Bronn 1862
- Rugatia* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Rugauris* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Rugia* Steinich 1963
 Terebratulacea Gray 1840
- Rugicostella* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Rugitela* Muir-Wood 1936
 Zeilleriacea Allan 1940
- Rugithyris* Buckman 1917
 Terebratulacea Gray 1840
- Rugivestis* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Rugoclostus* Easton 1962
 Productacea Gray 1840
- Rugoleptaena* Havlicek 1956
 Strophomenacea King 1846
- Rugosatrypa* Rzonstnitskaja 1975
 Atrypacea Gill 1871
- Rugosochonetes* Sokolskaja 1950
 Chonetacea Bronn 1862
- Rugosowerbyella* Mitchell 1977
 Plectambonitacea Jones 1928
- Rostrirhynchia* rostrata Susic-Protic 1969
 Jurassic
- Spirifer* tonkinensis Mansuy 1908
 Devonian
- Rhynchonella* subtrigona Meek&Worthen 1860
 Mississippian
- Leptodontella* rotundata Khalfin 1948
 Devonian
- Terebratula* michalkowii Fahrenkohl 1856
 Jurassic-Cretaceous
- Rowellella* minuta Wright 1963
 Ordovician
- Terebratula* fabulites Rowley 1900
 Mississippian
- Liorhynchus* enuitans Schmidt 1924
 Devonian
- Rudirhynchia* rudis Buckman 1917
 Jurassic
- Terebratula* humboldti Hagenow 1842
 Cretaceous
- Leiorhynchus* madisonense Haynes 1916
 Devonian
- Chonetes* hessensis King 1931
 Permian
- Productus* paraindicus McKee 1938
 Permian
- Rugauris* paucispina Muir-Wood&Cooper 1960
 Mississippian
- Rugia* tenuicostata Steinich 1963
 Cretaceous
- Productus* nystianus Koninck 1842
 Mississippian
- Terebratula* bullata Sowerby 1823
 Jurassic
- Terebratula* subomalogaster Buckman 1901
 Jurassic
- Proboscidella* carinata Muir-Wood&Cooper 1957
 Permian
- Rugoclostus* nivalis Easton 1962
 Mississippian&Permian
- Rugoleptaena* hornyi Havlicek 1956
 Silurian-Devonian
- Spinatrypina* tschernyschewi Rzonstnitskaja 1964
 Devonian
- Orthis* hardrensis Phillips 1841
 Carboniferous
- Ptychoglyptus* ambiguus Reed 1952
 Ordovician

- Rugostrophia* Neuman 1971
Porambonitacea Davidson 1853
- Rugulatia* Sokolskaja 1952
Spiriferacea King 1846
- Russiella* Makridin 1964
Dallinacea Beecher 1893
- Russirhynchia* Ruckman 1917
Rhynchonellacea Gray 1848
- Rustella* Walcott 1905
Kutorginacea Schuchert 1893
- Rzonsnickiana* Mamedov 1976
Rhynchonellacea Gray 1848
- Saccogonum* Havlicek 1971
Billingsellacea Schuchert 1893
- Saccorhynchia* Ching, Sun & Ye 1979
Rhynchonellacea Gray 1848
- Sacothyris* Ching, Sun & Ye 1979
Zeilleriacea Allan 1940
- Sagueresia* Mohanti 1972
Rhynchonellacea Gray 1848
- Sajakella* Nasikanova 1968
Productacea Gray 1849
- Sakawairhynchia* Tokuyama 1957
Rhynchonellacea Gray 1848
- Salacorthis* Williams 1974
Orthacea Woodward 1852
- Salairina* Alekseeva 1970
Atrypacea Gill 1871
- Salairotoechia* Rzonsnitzkaja 1968
Rhynchonellacea Gray 1848
- Salgirella* Moisseiev 1936
Rhynchonellacea Gray 1848
- Salonia* Cooper & Whitcomb 1933
Pentameracea McCoy 1844
- Salpilia* Williams 1955
Enteletacea Waagen 1884
- Salopina* Roucot 1960
Enteletacea Waagen 1884
- Sampo* Opik 1933
Plectambonitacea Jones 1928
- Sandia* Sutherland & Harlow 1973
Productacea Gray 1849
- Sanjuaniana* Amos 1958
Rhynchonellacea Gray 1848
- Sanqiaothyris* Yang & Xu 1966
Dielasmatacea Schuchert 1913
- Sardope* Dieni, Middlemiss & Owen 1973
Terebratulacea Gray 1840
- Rugostrophia silvestris* Neuman 1971
Ordovician
- Spirifer rugulatus* Kutorga 1842
Permian
- Terebratula royeriana* Orbigny 1845
Jurassic
- Rhynchonella fischeri* Rouillier 1847
Jurassic
- Rustella edsoni* Walcott 1905
Cambrian
- Rzonsnickiana sadarakensis* Mamedov 1976
Devonian
- Saccogonum saccatum* Havlicek 1971
Cambrian
- Saccorhynchia xiangdaica* Ching, Sun & Ye 1979
Triassic
- Aulacothyropsis sinosa* Ching & Fang 1977
Triassic
- Sagueresia suquerana* Mohanti 1972
Devonian
- Sajakella formosa* Nasikanova 1968
Carboniferous
- Sakawairhynchia tokompoensis* Kobayashi & Tokuyama 1957
Triassic
- Salacorthis costellata* Williams 1974
Ordovician
- Salairina misera* Alekseeva 1970
Devonian
- Nudirostra pseudocarens* Kulkov 1960
Devonian
- Rhynchonella albertii* Oppel 1861
Jurassic
- Salonia magnaplicata* Cooper & Whitcomb 1933
Ordovician
- Orthis salteri* Davidson 1871
Ordovician
- Orthis lunata* Sowerby 1839
Silurian-Devonian
- Sampo hiiuensis* Opik 1933
Ordovician
- Sandia brevis* Sutherland & Harlow 1973
Pennsylvanian
- Sanjuaniana dorsisulcata* Amos 1958
Mississippian
- Sanqiaothyris elliptica* Yang & Xu 1966
Triassic
- Sardope sardoa* Dieni et al 1973
Cretaceous

- Sarganostega Cooper&Grant 1969
Spiriferinacea Davidson 1884
- Saucrorthis Xu,Rong&Liu 1974
Orthacea Woodward 1852
- Saughina Bancroft 1940
Davidsoniacea King 1850
- Saukrodictya Wright 1964
Orthacea Woodward 1852
- Savageina Boucot 1975
Porambonitacea Davidson 1853
- Scacchinella Gemmellaro 1891
Aulostegacea Muir-Wood&Cooper 1960
- Scalpellirhynchia Muir-Wood 1936
Rhynchonellacea Gray 1848
- Scambocris Liu 1979
Uncertain
- Scannomena Bassett 1977
Strophomenacea King 1846
- Scapharina Cooper&Grant 1975
Aulostegacea Muir-Wood&Cooper 1960
- Scaphelasma Cooper 1956
Acrotretacea Schuchert 1893
- Scaphiocoelia Whitfield 1891
Stringocephalacea King 1850
- Scaphorthis Cooper 1956
Orthacea Woodward 1852
- Sceletonia Cooper&Grant 1974
Lyttoniacea Waagen 1883
- Scenesia Cooper&Grant 1976
Spiriferinacea Davidson 1884
- Schachriomonia Nikiforova 1978
Atrypacea Gill 1871
- Schedophyla Neuman 1971
Plectambonitacea Jones 1928
- Schellwienella Thomas 1910
Davidsoniacea King 1850
- Schistochonetes Roberts 1971
Chonetacea Bronn 1862
- Schizambon Walcott 1884
Siphonotretacea Kutorga 1848
- Schizobolus Ulrich 1886
Discinacea Gray 1840
- Schizocrania Hall&Whitfield 1875
Discinacea Gray 1840
- Schizopholis Waagen 1885
Acrotretacea Schuchert 1893
- Schizophorella Reed 1917
Orthacea Woodward 1852
- Sarganostega transversalis Cooper&Grant 1969
Permian
- Saucrorthis minor Xu,Rong&Liu 1974
Ordovician
- Schuchertella pertinax Reed 1917
Silurian
- Saukrodictya hibernica Wright 1964
Ordovician
- Terebratula deflexa Sowerby 1839
Silurian
- Scacchinella variabilis Gemmellaro 1897
Pennsylvanian-Permian
- Terebratula scalpellum Quenstedt 1851
Jurassic
- Scambocris hordeolus Liu 1979
Cambrian
- Strophomena rugata Lindstrom 1861
Silurian
- Scapharina rugosa Cooper&Grant 1975
Permian
- Scaphelasma septatum Cooper 1956
Ordovician
- Scaphiocoelia boliviensis Whitfield 1891
Devonian
- Scaphorthis virginiensis Cooper 1956
Ordovician
- Sceletonia crassa Cooper&Grant 1974
Permian
- Scenesia extensa Cooper&Grant 1976
Permian
- Schachriomonia schachriomonica Nikiforova 1978
Ordovician
- Schedophyla potteri Neuman 1971
Ordovician
- Spirifera crenistria Phillips 1836
Devonian-Carboniferous
- Schistochonetes abruptus Roberts 1971
Mississippian
- Schizambon typicalis Walcott 1884
Cambrian-Ordovician
- Miscina truncata Hall 1863
Devonian
- Orbicula filosa Hall 1847
Ordovician-Devonian
- Schizopholis rugosa Waagen 1885
Cambrian
- Orthis fallax Salter 1846
Ordovician

- Schizophoria King 1850
Enteletacea Waagen 1884
- Schizoramma Foerste 1912
Orthacea Woodward 1852
- Schizospirifer Grabau 1931
Spiriferacea King 1846
- Schizotreta Kutorga 1848
Discinacea Gray 1840
- Schizotretoides Termier&Monod 1978
Acrotretacea Schuchert 1893
- Schmidtites Schuchert&LeVene 1929
Lingulacea Menke 1828
- Schnurella Schmidt 1964
Rhynchonellacea Gray 1848
- Schrenkiella Barchatova 1973
Productacea Gray 1840
- Schuchertella Girty 1904
Orthotetacea Waagen 1884
- Schuchertellopsis Maillieux 1939
Davidsoniacea King 1950
- Schuchertina Walcott 1905
Kutorginacea Schuchert 1893
- Schwagerispira Dagys 1972
Retziacea Waagen 1883
- Scoloconcha Gordon 1966
Productacea Gray 1840
- Scumulus Steinich 1968
Terebratellacea King 1850
- Scutepustula Sarytcheva 1963
Productacea Gray 1840
- Sedenticellula Cooper 1942
Stenoscismatacea Oehlert 1887
- Selenella Hall&Clarke 1893
Uncertain
- Sellithyris Middlemiss 1959
Terebratulacea Gray 1840
- Selloproductus Termier et al 1974
Productacea Gray 1840
- Semenewia Paeckelmann 1930
Chonetacea Bronn 1862
- Semibrachythyryna Yang&Ting 1962
Spiriferacea King 1846
- Semicostella Muir-Wood&Cooper 1960
Productacea Gray 1840
- Seminula McCoy 1844
Athyridacea McCoy 1844
- Semiotoechia Ljaschenko 1973
Rhynchonellacea Gray 1848
- Conchyliolithus resupinatus Martin 1809
Silurian-Permian
- Hebertella fissistriata Foerste 1909
Silurian
- Spirifer aperturatus Frech 1911
Devonian
- Orbicula elliptica Kutorga 1846
Ordovician-Silurian
- Schizotretoides tauricus Termier&Monod 1978
Ordovician
- Schmidtia celata Volborth 1869
Ordovician
- Terebratula schnuri Verneuil 1840
Devonian
- Productus schrenki Stuckenbergr 1875
Permian
- Streptorhynchus lens White 1862
Devonian-Permian
- Schuchertellopsis durbutensis Maillieux 1939
Devonian
- Schuchertina cambria Walcott 1905
Cambrian
- Retzia schwageri Pittner 1890
Triassic
- Productus indianensis Hall 1858
Mississippian
- Scumulus inopinatus Steinich 1968
Cretaceous
- Productus scutellatus Balashova 1955
Mississippian
- Camarophoria hamburgensis Weller 1910
Mississippian
- Selenella gracilis Hall&Clarke 1893
Devonian
- Terebratula sella Sowerby 1823
Cretaceous
- Selloproductus sellatus Termier et al 1974
Pennsylvanian-Permian
- Chonetes concentricus Koninck 1847
Mississippian
- Semibrachythyryna fasciculata Yang&Ting 1962
Permian
- Avonia oklahomensis Snider 1915
Mississippian
- Terebratula seminula Phillips 1836
Carboniferous
- Camarotoechia polita Ljaschenko 1960
Devonian

- Semiplanella* Sarytcheva et al 1977
Productacea Gray 1840
- Semiplanus* Sarytcheva 1952
Productacea Gray 1840
- Semiproductus* Rublichenko 1956
Productacea Gray 1840
- Semitreta* Riernat 1973
Acrotretacea Schuchert 1893
- Sendaithyris* Hatai 1940
Terebratulacea Gray 1840
- Senokosica* Sucic-Protic 1971
Lobidothyridacea Makridin 1964
- Sentolunia* Havlicek 1967
Plectambonitacea Jones 1928
- Sentosia* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Septacamera* Steoanov 1937
Stenoscismatacea Oehlert 1887
- Septachonetes* Chatterton 1973
Chonetacea Aronn 1862
- Septalaria* Leidhold 1928
Rhynchonellacea Gray 1848
- Septalariopsis* Chen 1978
Rhynchonellacea Gray 1848
- Septaliphoria* Leidhold 1921
Rhynchonellacea Gray 1848
- Septaliphorioidea* Yang&Xu 1966
Rhynchonellacea Gray 1848
- Septamphiclina* Jin&Fang 1977
Koninckinacea Davidson 1853
- Septaparmella* Su 1976
Chonetacea Aronn 1862
- Septarinia* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Septasteges* Waterhouse&Piyasin 1970
Productacea Gray 1840
- Septathyris* Boucot,Johnson&Staton 1964
Athyridacea McCoy 1844
- Septatoechia* Lobatscheva&Titova 1977
Rhynchonellacea Gray 1848
- Septatrypa* Kozlowski 1929
Atrypacea Gill 1871
- Septemirostellum* Roberts 1971
Rhynchonellacea Gray 1848
- Septiconcha* Termier et al 1974
Productacea Gray 1840
- Septirhynchia* Muir-Wood 1935
Rhynchonellacea Gray 1848
- Semiplanella* carinthica Sarytcheva 1977
Mississippian
- Productus* semiplanus Schwetzw 1922
Mississippian-Pennsylvanian
- Semiproductus* minax Rublichenko 1956
Devonian-Mississippian
- Semitreta* maior Riernat 1973
Ordovician
- Sendaithyris* otutumiensis Hatai 1940
Tertiary
- Senokosica* matura Sucic-Protic 1971
Jurassic
- Sentolunia* senta Havlicek 1967
Ordovician
- Krotovia* praecursor Stainbrook 1947
Devonian
- Camarophoria* kutorgae Tschernyschew 1902
Pennsylvanian-Permian
- Septachonetes* melanus Chatterton 1973
Devonian
- Terebratula* ascendens Steininger 1853
Devonian
- Septalariopsis* zhonghuaensis Chen 1978
Devonian
- Rhynchonella* arduennensis Opper 1857
Jurassic
- Septaliphorioidea* paucicostata Yang&Xu 1966
Triassic
- Septamphiclina* qinhaiensis Jin&Fang 1977
Triassic
- Septaparmella* sinica Su 1976
Devonian
- Productus* leuchtenbergensis Koninck 1847
Mississippian
- Septasteges* acanthus Waterhouse&Piyasin 1970
Permian
- Athyris* aliena Drevermann 1904
Devonian
- Septatoechia* inflata Lobatscheva&Titova 1977
Cretaceous
- Septatrypa* secreta Kozlowski 1929
Devonian
- Camarotoechia* septima Veevers 1959
Mississippian
- Septiconcha* taeniosa Termier et al 1974
Pennsylvanian-Permian
- Rhynchonella* azaisi Cottreau 1924
Jurassic

- Septocrurella* Wisniewska 1932
 Rhynchonellacea Gray 1848
- Septocyclothyris* Xu 1978
 Rhynchonellacea Gray 1848
- Septoproductus* Frech 1911
 Strophalosiacea Schuchert 1913
- Septorthis* Hints 1973
 Orthacea Woodward 1852
- Septospirifer* Waterhouse 1971
 Spiriferacea King 1846
- Septospirigerella* Grunt 1965
 Athyridacea McCoy 1844
- Septosyringothyris* Vandercammen 1955
 Spiriferacea King 1846
- Septothyris* Cooper&Williams 1935
 Stringocephalacea King 1850
- Septulirhynchia* Almeras 1966
 Rhynchonellacea Gray 1848
- Seratrypa* Copper 1967
 Atrypacea Gill 1871
- Serbiothyris* Sucic-Protic 1971
 Loboidothyridacea Makridin 1964
- Sergospirifer* Ivanova 1952
 Spiriferacea King 1846
- Sergunkovia* Nalivkin 1979
 Spiriferacea King 1846
- Sericoidea* Lindstrom 1953
 Plectambonitacea Jones 1928
- Serratocrista* Brunton 1968
 Davidsoniacea King 1850
- Serrulatrype* Havlicek 1977
 Atrypacea Gill 1871
- Sestropoma* Cooper&Grant 1969
 Richthofeniacea Waagen 1885
- Setigerites* Girty 1939
 Productacea Gray 1846
- Settedabania* Abramov 1970
 Spiriferacea King 1846
- Severella* Sapelnikov 1963
 Pentameracea McCoy 1844
- Shagamella* Boucot&Harper 1968
 Chonetacea Bronn 1862
- Shaleria* Caster 1939
 Strophomenacea King 1846
- Shaleriella* Harper&Boucot 1978
 Stropheodontacea Caster 1939
- Shiqianella* Xian 1978
 Davidsoniacea King 1850
- Rhynchonella sanctae* Roemer 1870
 Jurassic
- Septocyclothyris markamensis* Xu 1978
 Triassic
- Productus abichi* Waagen 1884
 Permian
- Septorthis engurensis* Hints 1973
 Ordovician
- Septospirifer tatondukensis* Waterhouse 1971
 Permian
- Septospirigerella baissalensis* Grunt 1965
 Permian
- Septosyringothyris demaneti* Vandercammen 1955
 Mississippian
- Septothyris septata* Cooper&Williams 1935
 Devonian
- Septulirhynchia davidi* Almeras 1966
 Jurassic
- Terebratulas pectinatas* Schroter 1777
 Devonian
- Serbiothyris medioliastica* Sucic-Protic 1971
 Jurassic
- Spirifer okensis* Nikitin 1890
 Pennsylvanian
- Paulonia talassica* Wassilieva 1957
 Devonian
- Leptaena sericea* Hadding 1913
 Ordovician
- Serratocrista fistulosa* Brunton 1968
 Carboniferous
- Boucotia incognita* Langenstrassen 1972
 Devonian
- Sestropoma cribriferum* Cooper&Grant 1969
 Permian
- Productus setigerus* Hall 1858
 Mississippian
- Settedabania stepanovi* Abramov 1970
 Pennsylvanian
- Brooksina magnificaformis* Sapelnikov 1963
 Silurian
- Shagamella ludloviensis* Boucot&Harper 1968
 Silurian
- Strophomena gilpeni* Dawson 1881
 Silurian-Devonian
- Shaleriella delicata* Harper&Boucot 1978
 Silurian
- Shiqianella superominuta* Xian 1978
 Silurian

- Shiragia* Kobayashi 1935
Orthacea Woodward 1852
- Shrockia* Boucot&Smith 1978
Atrypacea Gill 1871
- Shumardella* Weller 1910
Rhynchonellacea Gray 1848
- Siberiothyris* Nagys 1968
Loboidothyridacea Makridin 1964
- Siberistrophia* Astashkina 1970
Strophomenacea King 1846
- Sibiratrypa* Rzonstnizkaja 1975
Atrypacea Gill 1871
- Sibiria* Gorjansky 1977
Obolellacea Walcott&Schuchert 1908
- Sibirispira* Alekseeva 1968
Atrypacea Gill 1871
- Sibiritoechia* Alekseeva 1966
Rhynchonellacea Gray 1848
- Sicelia* Gortani&Merla 1934
Davidsoniaceae King 1850
- Sichuanrhynchus* Tong 1978
Rhynchonellacea Gray 1848
- Sicorhynchus* Havlicek 1961
Rhynchonellacea Gray 1848
- Sieberella* Oehlert 1887
Pentameracea McCoy 1844
- Sikasella* Nalivkin 1979
Athyridacea McCoy 1844
- Silesiathyris* Brugge 1977
Zeilleriaceae Allan 1940
- Simplicarina* Cooper&Grant 1975
Productacea Gray 1840
- Simplicithyris* Zezina 1976
Terebratellacea King 1850
- Sinocyrtiopsis* Gatinaud 1949
Spiriferacea King 1846
- Sinoproductella* Wang 1955
Productacea Gray 1840
- Sinorhynchia* Yang&Xu 1966
Rhynchonellacea Gray 1848
- Sinorthis* Wang 1955
Orthacea Woodward 1852
- Sinoshaleria* Xian 1978
Strophomenacea King 1846
- Sinospirifer* Grabau 1931
Spiriferacea King 1846
- Sinostrophia* Hamada 1971
Strophomenacea King 1846
- Shiragia biloba* Kobayashi 1935
 Cambrian
- Shrockia twenhofeli* Boucot&Smith 1978
 Silurian
- Rhynchonella missouriensis* Shumard 1855
 Mississippian
- Siberiothyris crassus* Nagys 1968
 Cretaceous
- Brachyprion speranskii* Khalfin 1948
 Devonian
- Sibiratrypa vassinensis* Rzonstnizkaja 1975
 Devonian
- Sibiria magna* Gorjansky 1977
 Cambrian
- Sibirispira inflata* Alekseeva 1968
 Devonian
- Sibiritoechia convexa* Alekseeva 1966
 Devonian
- Canavaria acropedion* Merla 1928
 Permian
- Sichuanrhynchus sulcatus* Tong 1978
 Pennsylvanian
- Stegerhynchus trinacrius* Havlicek 1956
 Devonian
- Pentamerus sieberi* Buch 1847
 Silurian-Devonian
- Sikasella bisulcata* Nalivkin 1979
 Mississippian
- Terebratulites angustus* Schlotheim 1820
 Triassic
- Simplicarina incompta* Cooper&Grant 1975
 Permian
- Simplicithyris kurilensis* Zezina 1976
 Recent
- Cyrtiopsis transversa* Grabau 1931
 Devonian
- Productella hemispherica* Tien 1938
 Devonian
- Sinorhynchia bifaceta* Yang&Xu 1966
 Triassic
- Sinorthis typica* Wang 1955
 Ordovician
- Sinoshaleria guangshunensis* Xian 1978
 Devonian
- Spirifer sinensis* Grabau 1931
 Devonian
- Sinostrophia kondoi* Hamada 1971
 Devonian

- Sinotectirostrum Sartenaer* 1961
 Rhynchonellacea Gray 1848
- Sinothyris* Minato 1953
 Reticulariacea Waagen 1883
- Sinuatella* Muir-Wood 1928
 Strophalosiacea Schuchert 1913
- Sinucosta* Dagys 1963
 Spiriferinacea Davidson 1884
- Sinuplicorhynchia* Dagys 1965
 Rhynchonellacea Gray 1848
- Siphonosia* Cooper&Grant 1975
 Productacea Gray 1840
- Siphonotreta* Verneuil 1945
 Siphonotretacea Kutorga 1848
- Skelidorygma* Carter 1974
 Spiriferacea King 1846
- Skenidioides* Schuchert&Cooper 1931
 Orthacea Woodward 1852
- Skenidium* Hall 1860
 Orthacea Woodward 1852
- Slovenirhynchia* Siblik 1967
 Rhynchonellacea Gray 1848
- Smeathenella* Bancroft 1928
 Enteletacea Waagen 1884
- Socraticum* Gregorio 1930
 Uncertain
- Solidipontirostrum* Sartenaer 1970
 Rhynchonellacea Gray 1848
- Somalirhynchia* Weir 1925
 Rhynchonellacea Gray 1848
- Somalitela* Muir-Wood 1935
 Zeilleriaceae Allan 1940
- Somalithyris* Muir-Wood 1935
 Terebratulacea Gray 1840
- Soudleyella* Bancroft 1945
 Enteletacea Waagen 1884
- Sowerbina* Fredericks 1928
 Productacea Gray 1840
- Sowerbyella* Jones 1928
 Plectambonitacea Jones 1928
- Sowerbyites* Teichert 1937
 Plectambonitacea Jones 1928
- Spanodonta* Prendergast 1935
 Plectambonitacea Jones 1928
- Spasskothyris* Smirnova 1975
 Loboidothyridacea Makridin 1964
- Sphaerirhynchia* Cooper&Muir-Wood 1951
 Rhynchonellacea Gray 1848
- Sinotectirostrum medicinale* Sartenaer 1961
 Devonian
- Spirifer maureri* Holzapfel 1896
 Devonian-Mississippian
- Leptaena sinuata* Koninck 1851
 Carboniferous
- Spirifer emmrichi* Suess 1854
 Triassic
- Sinuplicorhynchia kegalensis* Dagys 1965
 Triassic
- Siphonosia alleni* Cooper&Grant 1975
 Permian
- Crania unguiculata* Eichwald 1829
 Ordovician
- Spirifer subcardiiformis* Hall 1858
 Pennsylvanian
- Skenidioides billingsi* Schuchert&Cooper 1931
 Ordovician-Silurian
- Orthis insignis* Hall 1859
 Devonian
- Slovenirhynchia maninensis* Siblik 1967
 Jurassic
- Smeathenella harnagensis* Bancroft 1928
 Ordovician
- Socraticum firmum* Gregorio 1930
 Permian
- Terebratula pugnoides* Schnur 1851
 Devonian
- Somalirhynchia africana* Weir 1925
 Jurassic
- Somalitela ambalensis* Muir-Wood 1935
 Jurassic
- Somalithyris macfadyeni* Muir-Wood 1935
 Jurassic
- Soudleyella soudleyensis* Bancroft 1945
 Ordovician
- Productus timanicus* Stuckenberg 1875
 Permian
- Leptaena sericea* Sowerby 1839
 Ordovician-Silurian
- Sowerbyites medioseptata* Teichert 1937
 Ordovician
- Spanodonta hoskingiae* Prendergast 1935
 Ordovician
- Spasskothyris rjasanensis* Smirnova 1975
 Cretaceous
- Terebratula wilsoni* Sowerby 1818
 Silurian

- Sphaerobolus* Matthew 1895
 Lingulacea Menke 1828
- Sphaeroidothyris* Buckman 1917
 Terebratulacea Gray 1840
- Sphenalosis* Muir-Wood&Cooper 1960
 Strophalosiacea Schuchert 1913
- Sphenarina* Cooper 1959
 Rhynchonellacea Gray 1848
- Sphenophragmus* Imbrie 1959
 Enteleteacea Waagen 1884
- Sphenorhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Sphenorthis* Grubbs 1939
 Uncertain
- Sphenospira* Cooper 1954
 Spiriferacea King 1846
- Sphenosteges* Muir-Wood&Cooper 1960
 Strophalosiacea Schuchert 1913
- Sphenotreta* Cooper 1956
 Rhynchonellacea Gray 1848
- Spinarella* Cooper&Grant 1975
 Productacea Gray 1840
- Spinatrypa* Stainbrook 1951
 Atrypacea Gill 1871
- Spinatrypina* Rzonstnizkaja 1964
 Atrypacea Gill 1871
- Spinauris* Roberts 1971
 Productacea Gray 1840
- Spinella* Talent 1956
 Spiriferacea King 1846
- Spinifrons* Stehli 1954
 Productacea Gray 1840
- Spinilingula* Cooper 1956
 Lingulacea Menke 1828
- Spinocarinifera* Roberts 1971
 Productacea Gray 1840
- Spinochonetes* Rong,Xu&Yang 1974
 Chonetacea Bronn 1862
- Spinocyrtia* Fredericks 1916
 Spiriferacea King 1846
- Spinocyrtina* Fredericks 1916
 Suessiacea Waagen 1883
- Spinolepismatina* Daqys 1974
 Suessiacea Waagen 1883
- Spinolyttonia* Sarytcheva 1964
 Lyttoniaceae Waagen 1883
- Spinomarginifera* Huang 1932
 Productacea Gray 1840
- Lingulella* spissa Billings 1872
 Ordovician
- Sphaeroidothyris globisphaeroidalis* Buckman 1917
 Jurassic
- Sphenalosis smedleyi* Muir-Wood&Cooper 1960
 Permian
- Rhynchonella sicula* Sequenza 1870
 Tertiary
- Sphenophragmus nanus* Imbrie 1959
 Devonian
- Terebratula plicatella* Sowerby 1825
 Jurassic
- Sphenorthis niagarensis* Grubbs 1939
 Silurian
- Spirifera alta* Hall 1867
 Devonian
- Aulosteges hispidus* Girty 1920
 Permian
- Sphenotreta cuneata* Cooper 1956
 Ordovician
- Spinarella perfecta* Cooper&Grant 1975
 Permian
- Atrypa hystrix* Hall 1858
 Devonian
- Spinatrypina margaritoides* Rzonstnizkaja 1964
 Devonian
- Spinauris cristata* Roberts 1971
 Mississippian
- Spinella buchanensis* Talent 1956
 Devonian
- Spinifrons quadratus* Stehli 1954
 Permian
- Spinilingula intralamellata* Cooper 1956
 Ordovician
- Spinocarinifera adunata* Roberts 1971
 Mississippian
- Spinochonetes notata* Rong,Xu&Yang 1974
 Silurian
- Delthyris granulosa* Conrad 1839
 Devonian
- Cyrtia hamiltonensis* Hall 1857
 Devonian
- Lepismatina rara* Daqys 1963
 Triassic
- Spinolyttonia arakeljani* Sarytcheva 1964
 Permian
- Spinomarginifera kueichowensis* Huang 1932
 Pennsylvanian-Permian

- Spinomartinia* Waterhouse 1968
 Reticulariaceae Waagen 1883
- Spinoplasia* Boucot 1959
 Cyrtiacea Fredericks 1924
- Spinorthis* Wright 1964
 Orthacea Woodward 1852
- Spinorugifera* Roberts 1976
 Productacea Gray 1840
- Spinospirifer* Martynova 1961
 Spiriferacea King 1846
- Spinostrophia* Jiang 1978
 Strophomenacea King 1846
- Spinulicosta* Nalivkin 1937
 Productacea Gray 1840
- Spinuliplica* Campbell 1961
 Spiriferinacea Davidson 1884
- Spinulothele* Rowell 1977
 Acrotretacea Schuchert 1893
- Spinulothyris* Antostschenko 1973
 Zeilleriaceae Allan 1940
- Spirelytha* Fredericks 1924
 Reticulariaceae Waagen 1883
- Spirifer* Sowerby 1818
 Spiriferacea King 1846
- Spiriferella* Tschernyschew 1902
 Spiriferacea King 1846
- Spiriferellina* Fredericks 1924
 Spiriferinacea Davidson 1884
- Spiriferina* Orbigny 1947
 Spiriferinacea Davidson 1884
- Spiriferinaella* Fredericks 1926
 Spiriferacea King 1846
- Spiriferinoides* Tokuyama 1957
 Spiriferinacea Davidson 1884
- Spirigerella* Waagen 1883
 Athyridacea McCoy 1844
- Spirigerellina* Daggys 1974
 Athyridacea McCoy 1844
- Spirigerina* Orbigny 1847
 Atrypacea Gill 1871
- Spirinella* Johnston 1941
 Reticulariaceae Waagen 1883
- Spirisosium* Gregorio 1930
 Strophalosiacea Schuchert 1913
- Spiropunctifera* Ivanova 1971
 Spiriferinacea Davidson 1884
- Spitzbergenia* Kotljar 1977
 Productacea Gray 1840
- Spinomartinia spinosa* Waterhouse 1968
 Permian
- Spinoplasia gaspensis* Poucot 1959
 Devonian
- Spinorthis geniculata* Wright 1964
 Ordovician
- Spinorugifera chichesterensis* Roberts 1976
 Carboniferous
- Spirifer nuraensis* Simorin 1956
 Devonian
- Spinostrophia ellipsoidea* Jiang 1978
 Devonian
- Productus spinulicostus* Hall 1857
 Devonian
- Spinuliplica spinulosa* Campbell 1961
 Pennsylvanian
- Siphonotreta dubia* Walcott 1912
 Cambrian
- Spinulothyris patilensis* Antostschenko 1973
 Jurassic
- Spirifer schei* Tschernyschew 1916
 Permian
- Conchyliolithus striatus* Martin 1793
 Carboniferous
- Spirifer saranae* Verneuil 1845
 Pennsylvanian-Permian
- Terebratulites cristatus* Schlotheim 1816
 Permian
- Spirifer walcotti* Sowerby 1823
 Triassic-Jurassic
- Spirifer artiensis* Stuckenberg 1898
 Permian
- Spiriferinoides sakawanus* Kobayashi & Tokuyama 1957
 Triassic
- Spirigerella derbyi* Waagen 1883
 Permian
- Spirigerellina pygmaea* Daggys 1974
 Triassic
- Terebratula marginalis* Dalman 1828
 Silurian
- Spirinella caecistriata* Johnston 1941
 Silurian
- Spirisosium primarium* Gregorio 1930
 Permian
- Spiropunctifera tulensis* Ivanova 1971
 Pennsylvanian
- Productus loveni* Wiman 1914
 Permian

- Spondylobolus* McCoy 1851
Uncertain
- Spondylopyxis* Johnson, Boucot & Murphy 1976
Pentameracea McCoy 1844
- Spondylospira* Cooper 1942
Suessiacea Waagen 1883
- Spondylospiriferina* Nagys 1972
Spiriferinacea Davidson 1884
- Spondylostrophia* Kulkov 1967
Orthacea Woodward 1952
- Spondylotreta* Cooper 1956
Acrotretacea Schuchert 1893
- Spuriosa* Cooper & Grant 1975
Aulostegacea Muir-Wood & Cooper 1960
- Spirifer spurifer* Havlicek 1971
Cyrtiacea Fredericks 1924
- Spyridiophora* Cooper & Stehli 1955
Aulostegacea Muir-Wood & Cooper 1960
- Squamaria* Muir-Wood & Cooper 1960
Productacea Gray 1840
- Squamatina* Havlicek & Racheboeuf 1979
Chonetacea Bronn 1862
- Squamilingulella* Xu 1978
Lingulacea Menke 1828
- Squamiplana* Sucic-Protic 1971
Loboidothyridacea Makridin 1964
- Squamirhynchia* Ruckman 1917
Rhynchonellacea Gray 1848
- Squamularia* Gemmellaro 1899
Reticulariacea Waagen 1883
- Squamulariina* Fredericks 1916
Suessiacea Waagen 1883
- Stegacanthia* Muir-Wood & Cooper 1960
Productacea Gray 1840
- Stegerhynchops* Amsden 1978
Rhynchonellacea Gray 1848
- Stegerhynchus* Foerste 1909
Rhynchonellacea Gray 1848
- Stegocornu* Durkoop 1970
Rhynchonellacea Gray 1848
- Stegerhynchella* Rzonisnitskaja 1959
Rhynchonellacea Gray 1848
- Steinagella* Goldring 1957
Productacea Gray 1840
- Stelckia* Crickmay 1963
Productacea Gray 1840
- Stenaulacorhynchus* Sartenaer 1968
Rhynchonellacea Gray 1848
- Spondylobolus* craniolaris McCoy 1851
Silurian
- Spondylopyxis* ignotus Johnson et al 1976
Silurian
- Spondylospira* reesidei Cooper 1942
Triassic
- Pennospiriferina* qlabra Nagys 1972
Triassic
- Spondylostrophia* lata Kulkov 1967
Silurian
- Spondylotreta* concentrica Cooper 1956
Ordovician
- Spuriosa* circularis Cooper & Grant 1975
Permian
- Spirifer spurius* Barrande 1848
Devonian
- Spyridiophora* distincta Cooper & Stehli 1955
Pennsylvanian-Permian
- Squamaria* moorei Muir-Wood & Cooper 1960
Permian
- Chonetes* squamatula Barrande 1847
Devonian
- Squamilingulella* zhonghuaensis Xu 1978
Ordovician
- Squamiplana* piroidea Sucic-Protic 1971
Jurassic
- Terebratula* triplicata Quenstedt 1871
Jurassic
- Squamularia* rotundata Gemmellaro 1899
Carboniferous-Permian
- Cyrtina* parva Gurich 1896
Devonian
- Stegacanthia* bowsheri Muir-Wood & Cooper 1960
Mississippian
- Stegerhynchops* marblensis Amsden 1978
Silurian
- Rhynchonella* whitipraecursor Foerste 1909
Silurian
- Stegocornu* procerum Durkoop 1970
Silurian
- Stegerhynchus* decimplicatus Tschernyschew 1937
Silurian
- Leptaena* membranacea Phillips 1841
Devonian
- Stelckia* galearius Crickmay 1963
Devonian
- Stenaulacorhynchus* cheshmehshirensis Sartenaer 1968
Devonian

- Stenocamara* Cooper 1956
 Porambonitacea Davidson 1853
- Stenglossariorhynchus* Sartenaer 1970
 Rhynchonellacea Gray 1848
- Stenopentamerus* Boucot&Johnson 1979
 Pentameracea McCoy 1844
- Stenosarina* Cooper 1977
 Terebratulacea Gray 1840
- Stenosisma* Conrad 1839
 Stenosismatacea Oehlert 1887
- Stepanoviella* Zavadowsky 1960
 Productacea Gray 1840
- Stepanoviina* Zavadowsky 1968
 Delthyridacea Phillips 1841
- Stereochia* Grant 1976
 Productacea Gray 1840
- Stethothyris* Thomson 1918
 Terebratellacea King 1850
- Stichtrophia* Cooper 1948
 Porambonitacea Davidson 1853
- Stictozoster* Grant 1976
 Productacea Gray 1840
- Stiphrothyris* Buckman 1917
 Terebratulacea Gray 1840
- Stipulina* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Stita* Gregorio 1930
 Lyttoniaceae Waagen 1883
- Stolmorhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Stolzenburgiella* Bittner 1903
 Athyridacea McCoy 1844
- Straelenia* Maillieux 1935
 Rhynchonellacea Gray 1848
- Streptaria* Cooper 1959
 Rhynchonellacea Gray 1848
- Streptis* Davidson 1881
 Triplesia Schuchert 1913
- Streptopomum* Havlicek 1967
 Davidsoniaceae King 1850
- Streptorhynchus* King 1850
 Davidsoniaceae King 1850
- Striaria* Cooper 1973
 Rhynchonellacea Gray 1848
- Striatifera* Chao 1927
 Productacea Gray 1840
- Striatochonetes* Mikrjukov 1968
 Chonetacea Bronn 1862
- Stenocamara perplexa* Cooper 1956
 Ordovician
- Leiorhynchus awokanak* McLaren 1962
 Devonian
- Pentamerus oblongus* Kindle&Breger 1904
 Silurian
- Stenosarina angustata* Cooper 1977
 Recent
- Terebratula schlotheimii* Buch 1835
 Mississippian-Permian
- Stepanoviella paracurvata* Zavadowsky 1960
 Permian
- Neophricodothyris larini* Zavadowsky 1958
 Permian
- Stereochia litostyla* Grant 1976
 Permian
- Stethothyris uttleyi* Thomson 1918
 Tertiary-Recent
- Stichtrophia lamellata* Cooper 1948
 Ordovician
- Stictozoster leptus* Grant 1976
 Permian
- Terebratula alobata* Davidson 1878
 Jurassic
- Productus deshaysianus* Koninck 1842
 Mississippian
- Lyttonia paupera* Gregorio 1930
 Permian
- Stolmorhynchia stolidota* Buckman 1917
 Jurassic
- Spirigera bukowskii* Bittner 1903
 Triassic
- Rhynchonella dunensis* Drevermann 1902
 Devonian
- Terebratula debuchii* Michelotti 1938
 Tertiary
- Terebratula arayii* Davidson 1848
 Ordovician-Silurian
- Streptorhynchus mjatschkovenski* Sokolskaja 1952
 Mississippian
- Terebratulites pelargonatus* Schlotheim 1816
 Carboniferous-Permian
- Rhynchonella valdiviae* Helmcke 1940
 Recent
- Mytilus striatus* Fischer 1837
 Mississippian-Permian
- Strophomena setigera* Hall 1843
 Devonian-Mississippian

- Striatoprotectella* Krylova 1962
 Productacea Gray 1840
- Striatoprotectus* Nalivkin 1947
 Productacea Gray 1840
- Striatopugnax* Chen 1978
 Rhynchonellacea Gray 1848
- Striatospica* Waterhouse 1975
 Productacea Gray 1840
- Stricklandia* Billings 1859
 Pentameracea McCoy 1844
- Stricklandiella* Sapelnikov et al 1973
 Pentameracea McCoy 1844
- Stricklandistrophia* Sapelnikov et al 1975
 Pentameracea McCoy 1844
- Strigirhynchia* Cooper & Grant 1969
 Rhynchonellacea Gray 1848
- Strigospina* Liao 1979
 Productacea Gray 1840
- Striirhynchia* Buckman 1917
 Rhynchonellacea Gray 1848
- Striispirifer* Cooper & Muir-Wood 1951
 Cyrtiacea Fredericks 1924
- Striithyris* Muir-Wood 1935
 Terebratulacea Gray 1840
- Stringocephalus* DeFrance 1825
 Stringocephalacea King 1850
- Stringomimus* Struve 1965
 Stringocephalacea King 1850
- Striochonetes* Waterhouse & Piyasin 1970
 Chonetacea Bronn 1862
- Strixella* Boucot & Amsden 1958
 Enteletacea Waagen 1884
- Strophalosia* King 1844
 Strophalosiacea Schuchert 1913
- Strophalosiella* Licharew 1935
 Strophalosiacea Schuchert 1913
- Strophalosina* Licharew 1935
 Strophalosiacea Schuchert 1913
- Strophochonetes* Muir-Wood 1962
 Chonetacea Bronn 1862
- Strophodonta* Hall 1850
 Strophomenacea King 1846
- Strophomena* Rafinesque 1824
 Strophomenacea King 1846
- Strophonella* Hall 1879
 Strophomenacea King 1846
- Strophonellites* Havlicek 1967
 Strophomenacea King 1846
- Striatoprotectus tungusensis* Nalivkin 1960
 Devonian
- Orthis sericea* Buch 1838
 Devonian
- Striatopugnax triplicata* Chen 1978
 Devonian
- Striatifera kayseri* Chao 1927
 Permian
- Atrypa lens* Sowerby 1839
 Silurian
- Stricklandiella aseptata* Sapelnikova et al 1973
 Ordovician
- Stricklandistrophia lata* Sapelnikov et al 1975
 Silurian
- Rhynchonella indentata* Shumard 1860
 Permian
- Strigospina lineata* Liao 1979
 Carboniferous
- Rhynchonella dorsetensis* Davidson 1884
 Jurassic
- Delthyris niagarensis* Conrad 1842
 Silurian-Devonian
- Striithyris somaliensis* Muir-Wood 1935
 Jurassic
- Terebratula burtini* DeFrance 1825
 Devonian
- Geranocephalus pseudopaedicus* Struve 1965
 Devonian
- Striochonetes scutella* Waterhouse & Piyasin 1970
 Permian
- Rhipidomella acutisulcata* Amsden 1951
 Silurian
- Strophalosia gerardi* King 1846
 Permian
- Strophalosiella coraeformis* Licharew 1935
 Permian
- Aulosteges tibeticus* Diener 1897
 Permian
- Chonetes cingulatus* Lindstrom 1860
 Silurian-Devonian
- Leptaena demissa* Conrad 1842
 Ordovician-Devonian
- Strophomena rugosa* Rafinesque 1824
 Ordovician
- Strophomena semifasciata* Hall 1863
 Silurian-Devonian
- Leptaena patricia* Rarrande 1848
 Silurian

- Strophonelloides* Caster 1939
Strophomenacea King 1846
- Strophopleura* Stainbrook 1947
Spiriferacea King 1846
- Strophopriion* Twenhofel 1914
Strophomenacea King 1846
- Strophopproductus* Malivkin 1937
Productacea Gray 1840
- Strophorichthofenia* Termier et al 1974
Richthofeniacea Waagen 1885
- Stroudithyris* Buckman 1917
Terebratulacea Gray 1840
- Struveina* Roucot 1975
Delthyridacea Phillips 1841
- Stuartella* Belanski 1928
Dielasmatacea Schuchert 1913
- Sturtella* Savage 1971
Stringocephalacea King 1850
- Subansiria* Sahni&Srivastava 1956
Spiriferacea King 1846
- Subcuspidella* Mittmeyer 1965
Spiriferacea King 1846
- Subglobochonetes* Afanasjeva 1976
Chonetacea Bronn 1862
- Subrensselandia* Cloud 1942
Stringocephalacea King 1850
- Subriana* Sapelnikov 1960
Pentameracea McCoy 1844
- Substriatifera* Kottjar 1964
Productacea Gray 1840
- Suessia* Deslongchamps 1855
Suessiacea Waagen 1883
- Suiaella* Moisseiev 1956
Rhynchonellacea Gray 1848
- Sulcataria* Cooper&Grant 1969
Chonetacea Bronn 1862
- Sulcathyris* Durkoop 1970
Athyridacea McCoy 1844
- Sulcatina* Schmidt 1964
Rhynchonellacea Gray 1848
- Sulcatinella* Nagys 1974
Dielasmatacea Schuchert 1913
- Sulcatospira* Xu 1979
Atrypacea Gill 1871
- Sulcatospirifer* Maxwell 1954
Spiriferacea King 1846
- Sulcatostrophia* Caster 1939
Strophomenacea King 1846
- Strophodonta* *reversa* Hall 1858
 Devonian
- Spirifer* *notabilis* Kindle 1909
 Devonian
- Prachypriion* *geniculatum* Shaler 1865
 Silurian
- Productella* *hystriacula* Hall 1867
 Devonian
- Strophorichthofenia* *afghana* Termier et al 1974
 Pennsylvanian-Permian
- Terebratula* *pisclithica* Buckman 1890
 Jurassic
- Spirifer* *daleidensis* Steininger 1853
 Devonian
- Stuartella* *vera* Belanski 1928
 Devonian
- Sturtella* *mandaqeriensis* Savage 1971
 Devonian
- Subansiria* *ranqanensis* Sahni&Srivastava 1956
 Permian
- Spirifer* *subcuspidatus* Schnur 1853
 Devonian
- Chonetes* *malevkensis* Sokolskaja 1950
 Mississippian
- Hewberria* *claypolii* Hall 1891
 Devonian
- Subriana* *subrini* Sapelnikov 1960
 Silurian
- Productus* *mytiloides* Fredericks 1925
 Permian
- Suessia* *costata* Deslongchamps 1855
 Jurassic
- Suiaella* *weperi* Moisseiev 1956
 Cretaceous
- Chonetina* *rostrata* Dunbar&Condra 1932
 Permian
- Sulcathyris* *periplicata* Durkoop 1970
 Devonian
- Trigonirhynchia* *sulcata* Cooper 1942
 Silurian
- Sulcatinella* *sulcata* Nagys 1974
 Triassic
- Zygospira* *plicata* Xu 1979
 Ordovician
- Sulcatospirifer* *primus* Maxwell 1954
 Devonian
- Leptostrophia* *camerata* Fenton&Fenton 1924
 Devonian

- Sulcatothyris dagys* 1974
Dielasmatacea Schuchert 1913
- Sulciplica* Waterhouse 1968
Spiriferacea King 1846
- Sulcirhynchia Burri* 1953
Rhynchonellacea Gray 1848
- Sulcirostra* Cooper&Muir-Wood 1951
Rhynchonellacea Gray 1848
- Sulcorhynchia dagys* 1974
Rhynchonellacea Gray 1848
- Supertrilobus Boucot&Johnson* 1979
Pentameracea McCoy 1844
- Surugathyris Yabe&Hatai* 1934
Terebratulacea Gray 1840
- Svaljavithyris Tchorszchewsky* 1974
Loboidothyridacea Makridin 1964
- Svobodaina Havlicek* 1950
Enteletacea Waagen 1884
- Swaicoelia Hamada* 1968
Cyrtiacea Fredericks 1924
- Swantonia* Walcott 1905
Uncertain
- Symmatrypa Mizens&Sapelnikov* 1975
Atrypacea Gill 1871
- Symphthyris Smirnova* 1966
Terebratulacea Gray 1840
- Synatrypa* Copper 1966
Atrypacea Gill 1871
- Syndielasma* Cooper 1956
Plectambonitacea Jones 1928
- Syntrilasma Meek&Worthen* 1865
Enteletacea Waagen 1884
- Syntrophia Hall&Clarke* 1893
Porambonitacea Davidson 1853
- Syntrophina Ulrich* 1928
Porambonitacea Davidson 1853
- Syntrophinella Ulrich&Cooper* 1934
Porambonitacea Davidson 1853
- Syntrophioides Schuchert&Cooper* 1931
Uncertain
- Syntrophopsis Ulrich&Cooper* 1936
Porambonitacea Davidson 1853
- Syringopleura* Schuchert 1910
Spiriferacea King 1846
- Syringospira* Kindle 1909
Spiriferacea King 1846
- Syringothyris* Winchell 1863
Spiriferacea King 1846
- Sulcatothyris tkhachensis dagys* 1974
Triassic
- Sulciplica transversa* Waterhouse 1968
Permian
- Rhynchonella valangiensis Lorioi* 1864
Cretaceous
- Rhynchonellina sequenzae Gemmellaro* 1871
Triassic-Jurassic
- Holcorhynchia borealis dagys* 1965
Triassic
- Supertrilobus hawthornensis Boucot&Johnson* 1979
Silurian
- Terebratulina surugaensis Yabe&Hatai* 1934
Recent
- Terebratula carpathica Zittel* 1870
Jurassic
- Orthis inclyta Barrande* 1879
Ordovician
- Swaicoelia rotunda Hamada* 1968
Devonian-Mississippian
- Camarella antiquata Billings* 1861
Cambrian
- Symmatrypa piceaplicata Mizens&Sapelnikov* 1975
Silurian
- Terebratulina arquinensis Moisseiev* 1949
Cretaceous
- Desquamatia subzonata Piernat* 1964
Devonian
- Syndielasma biseptatum Cooper* 1956
Ordovician
- Spirifer hemiplicatus Hall* 1852
Pennsylvanian-Permian
- Triplesia lateralis Whitfield* 1886
Ordovician
- Syntrophia campbelli Walcott* 1912
Ordovician
- Syntrophinella typica Ulrich&Cooper* 1934
Ordovician
- Rillingella harlanensis Walcott* 1905
Cambrian
- Syntrophopsis magna Ulrich&Cooper* 1936
Ordovician
- Spirifer randalli Simpson* 1890
Devonian-Mississippian
- Syringospira prima Kindle* 1909
Devonian
- Syringothyris typa Winchell* 1863
Devonian-Mississippian

- Tadschikia* Nikiforova 1937
Rhynchonellacea Gray 1848
- Taemostrophia* Chatterton 1973
Strophomenacea King 1846
- Taeniothaerus* Whitehouse 1928
Strophalosiaceae Schuchert 1913
- Taffia* Ulrich 1926
Plectambonitacea Jones 1928
- Tafilaltia* Havlicek 1970
Enteletacea Waagen 1884
- Taimyrella* Ustritsky 1963
Reticulariaceae Waagen 1883
- Taimyropsis* Ustritsky 1963
Davidsoniaceae King 1850
- Taimyrothyris* Daqys 1968
Loboidothyridacea Makridin 1964
- Tainotoechia* Tcherkesova 1967
Rhynchonellacea Gray 1848
- Taleoleptaena* Havlicek 1967
Strophomenacea King 1846
- Tamarella* Owen 1965
Terebratellacea King 1850
- Tanakura* Hatai 1936
Terebratellacea King 1850
- Tanerhynchia* Allan 1947
Rhynchonellacea Gray 1848
- Tangshanella* Chao 1929
Spiriferacea King 1846
- Tangxiangia* Xu 1977
Plicanoplitacea Xu 1977
- Tannuspirifer* Ivanova 1960
Cyrtiaceae Fredericks 1924
- Tapajotia* Dresser 1954
Davidsoniaceae King 1850
- Taphrodonta* Cooper 1956
Plectambonitacea Jones 1928
- Taphrorthis* Cooper 1956
Orthacea Woodward 1852
- Taphrosestria* Cooper & Grant 1975
Richthofeniaceae Waagen 1885
- Tarandrospirifer* Simakov 1970
Spiriferacea King 1846
- Tarfaya* Havlicek 1971
Orthacea Woodward 1852
- Tastaria* Havlicek 1965
Strophomenacea King 1846
- Tauromenia* Sequenza 1885
Zeilleriaceae Allan 1940
- Wilsonella wilsoniaformis* Nikiforova 1937
Silurian
- Taemostrophia patmorei* Chatterton 1973
Devonian
- Productus subquadratus* Morris 1845
Pennsylvanian-Permian
- Taffia planoconvexa* Butts 1926
Ordovician
- Tafilaltia occidentalis* Havlicek 1970
Ordovician
- Martiniopsis pseudodarwini* Einor 1946
Permian
- Taimyropsis monstrosus* Ustritsky 1963
Permian
- Taimyrothyris bisulcatus* Daqys 1968
Jurassic
- Sphaerirhynchia subarmoricana* Nikiforova 1960
Devonian
- Taleoleptaena taleolata* Havlicek 1967
Devonian
- Terebratula tamarindus* Sowerby 1836
Cretaceous
- Magasella fibula* Hayasaka 1921
Tertiary
- Eatonia parki* Allan 1935
Devonian
- Tangshanella kaipingensis* Chao 1929
Pennsylvanian
- Tangxiangia delicata* Xu 1977
Devonian
- Spirifer pedaschenkoi* Tschernyschew 1937
Silurian
- Streptorhynchus tapajotensis* Derby 1874
Pennsylvanian-Permian
- Taphrodonta parallela* Cooper 1956
Ordovician
- Taphrorthis emarginata* Cooper 1956
Ordovician
- Taphrosestria peculiaris* Cooper & Grant 1975
Permian
- Cyrtospirifer tarandrus* Nalivkin 1960
Devonian
- Tarfaya marocana* Havlicek 1971
Ordovician
- Leptostrophia tasta* Rukavischnikova 1961
Silurian
- Tauromenia polymorpha* Sequenza 1885
Jurassic

- Taurothyris* Kyansep 1961
 Terebratulacea Gray 1840
- Tautosia* Cooper&Grant 1969
 Rhynchonellacea Gray 1848
- Tazzarinia* Havlicek 1971
 Orthacea Woodward 1852
- Tcheqemithyris* Tchorszchewsky 1972
 Terebratulacea Gray 1840
- Tcherskidium* Nikolayev&Sapelnikov 1969
 Pentameracea McCoy 1844
- Tecnocyrtina* Johnson&Norris 1972
 Cyrtinacea Fredericks 1912
- Tectarea* Licharew 1928
 Richthofeniacea Waagen 1885
- Teguliferina* Schuchert&LeVene 1929
 Strophalosiaceae Schuchert 1913
- Tegulithyris* Buckman 1917
 Terebratulacea Gray 1840
- Tegulorhynchia* Chapman&Crespin 1923
 Rhynchonellacea Gray 1848
- Teichertina* Veevers 1959
 Enteletacea Waagen 1884
- Teichostrophia* Harper et al 1967
 Strophomenacea King 1846
- Telaeoshalera* Williams 1950
 Strophomenacea King 1846
- Tenellodermis* Havlicek 1971
 Reticulariaceae Waagen 1883
- Tenisia* Martynova 1970
 Spiriferacea King 1846
- Tenticospirifer* Tien 1938
 Spiriferacea King 1846
- Tenuiatrypa* Rzonsnitzkaja 1975
 Atrypacea Gill 1871
- Tenuichonetes* Jing&Hu 1978
 Chonetacea Bronn 1862
- Tenuicostella* Mittmeyer&Geib 1967
 Spiriferacea King 1846
- Tenuisurostrum* Sartenaer 1967
 Rhynchonellacea Gray 1848
- Teratlasma* Cooper 1956
 Strophomenacea King 1846
- Terebratalia* Beecher 1893
 Terebratellacea King 1850
- Terebrataliopsis* Smirnova 1962
 Terebratellacea King 1850
- Terebratella* Orbnigny 1847
 Terebratellacea King 1850
- Taurothyris* avundaensis Kyansep 1961
 Jurassic
- Tautosia* fastigiata Cooper&Grant 1969
 Permian
- Tazzarinia* drotae Havlicek 1971
 Ordovician
- Terebratula* tcheqemensis Moisseiev 1934
 Jurassic
- Conchidium* unicum Nikolayev 1968
 Ordovician
- Cyrtina* billingsi Meek 1868
 Devonian
- Tectarea* robinsoni Licharew 1928
 Permian
- Tegulifera* deformis Schellwien 1898
 Pennsylvanian-Permian
- Terebratula* bentleyi Davidson 1851
 Jurassic
- Rhynchonella* snuamosa Hutton 1873
 Tertiary-Recent
- Teichertina* fitzroyensis Veevers 1959
 Devonian
- Strophomena* Lepis Bronn 1837
 Devonian
- Shalera* sulcata Williams 1950
 Devonian
- Tenellodermis* microdermis Havlicek 1971
 Devonian
- Spirifer* dada Nalivkin 1937
 Devonian
- Spirifer* tenticulum Verneuil 1845
 Devonian
- Tenuiatrypa* subsalairica Rzonsnitzkaja 1975
 Devonian
- Chonetes* tenuilirata Chao 1928
 Permian
- Spirifer* subcuspidatus Scupin 1900
 Devonian
- Camarophoria* crenulata Gosselet 1877
 Devonian
- Teratlasma* neumani Cooper 1956
 Ordovician
- Terebratula* transversa Sowerby 1846
 Tertiary-Recent
- Terebrataliopsis* nuadrata Smirnova 1962
 Cretaceous
- Terebratula* chilensis Broderip 1833
 Tertiary-Recent

- Terebratula* Muller 1776
Terebratulacea Gray 1840
- Terebratulina* Orbigny 1847
Terebratulacea Gray 1840
- Terebratuloidea* Waagen 1883
Rhynchonellacea Gray 1848
- Terebratulopsis* Gregorio 1930
Rhynchonellacea Gray 1848
- Terebrirostra* Orbigny 1847
Terebratellacea King 1850
- Terrakea* Booker 1931
Productacea Gray 1840
- Tesuquea* Sutherland&Harlow 1973
Productacea Gray 1840
- Tetracamera* Weller 1910
Rhynchonellacea Gray 1848
- Tetractinella* Pittner 1890
Athyridacea McCoy 1844
- Tetraonetes* Cooper&Grant 1975
Chonetacea Bronn 1862
- Tetralobula* Ulrich&Cooper 1936
Porambonitacea Davidson 1853
- Tetraodontella* Jaanusson 1962
Plectambonitacea Jones 1928
- Tetraphalerella* Wang 1949
Strophomenacea King 1846
- Tetrarhynchia* Buckman 1917
Rhynchonellacea Gray 1848
- Tetratomia* Schmidt 1941
Rhynchonellacea Gray 1848
- Texarina* Cooper&Grant 1970
Cryptonellacea Thomson 1926
- Texathyris* Carter 1972
Spiriferacea King 1846
- Thaerodonta* Wang 1949
Plectambonitacea Jones 1928
- Thamnosia* Cooper&Grant 1969
Productacea Gray 1840
- Thaumatosis* Cooper 1973
Terebratellacea King 1850
- Thaumatrophia* Wang 1955
Porambonitacea Davidson 1853
- Thebesia* Amsden 1974
Rhynchonellacea Gray 1848
- Thecidea* DeFrance 1822
Thecideacea Gray 1840
- Thecidella* Munier-Chalmas 1887
Thecideacea Gray 1840
- Anomia terebratula* Linne 1758
 Tertiary
- Anomia retusa* Linne 1758
 Jurassic-Recent
- Terebratuloidea davidsoni* Waagen 1883
 Pennsylvanian-Permian
- Rhynchonellina bilobata* Gregorio 1930
 Triassic-Jurassic
- Terebratula lyra* Sowerby 1816
 Cretaceous
- Productus brachythaerus* Morris 1845
 Permian
- Tesuquea formosa* Sutherland&Harlow 1973
 Pennsylvanian
- Rhynchonella subcuneata* Hall 1858
 Mississippian
- Terebratulites trigonellus* Schlotheim 1820
 Triassic
- Dyoros quadrangulatus* Cooper&Grant 1975
 Permian
- Tetralobula delicatula* Ulrich&Cooper 1936
 Ordovician
- Tetraodontella biseptata* Jaanusson 1962
 Ordovician
- Tetraphalerella cooperi* Wang 1949
 Ordovician
- Terebratula tetraedra* Sowerby 1812
 Jurassic
- Terebratula tetratoma* Schnur 1851
 Devonian
- Texasia oblongata* Cooper&Grant 1969
 Permian
- Texathyris elegantula* Carter 1972
 Mississippian
- Thaerodonta aspera* Wang 1949
 Ordovician
- Thamnosia anterospinosa* Cooper&Grant 1969
 Permian
- Thaumatosis anomala* Cooper 1973
 Recent
- Thaumatrophia sinensis* Wang 1955
 Ordovician
- Rhynchotretra thebesensis* Foerste 1909
 Ordovician-Silurian
- Thecidea radians* DeFrance 1822
 Cretaceous
- Thecidea normaniana* Munier-Chalmas 1887
 Triassic-Jurassic

- Thecidellella* Hayasaka 1938
Thecideacea Gray 1840
- Thecidellina* Thomson 1915
Thecideacea Gray 1840
- Thecidiopsis* Munier-Chalmas 1887
Thecideacea Gray 1840
- Thecocyrtella* Bittner 1892
Suessiacea Waagen 1883
- Thecocyrtelloidea* Yang&Xu 1966
Cyrtinacea Fredericks 1912
- Thecospira* Zuercher 1980
Davidsoniacea King 1850
- Thecospirella* Bittner 1900
 Uncertain
- Thecospiropsis* Nagys 1974
Thecospiracea Bittner 1890
- Thedusia* Cooper&Grant 1976
Retziacea Waagen 1883
- Theodossia* Nalivkin 1925
Spiriferacea King 1846
- Thiemella* Williams 1908
Enteletacea Waagen 1884
- Thliborhynchia* Lenz 1967
Rhynchonellacea Gray 1848
- Thomasaria* Stainbrook 1945
Spiriferacea King 1846
- Thomasella* Fredericks 1928
Productacea Gray 1840
- Thuleproductus* Sarytcheva&Waterhouse 1972
Productacea Gray 1840
- Thurmannella* Leidhold 1921
Rhynchonellacea Gray 1848
- Thysanotos* Mickwitz 1896
Lingulacea Menke 1828
- Tianzhushanella* Liu 1979
 Uncertain
- Tibetothyris* Ching&Sun 1976
Dielasmatacea Schuchert 1913
- Tichosina* Cooper 1977
Terebratulacea Gray 1840
- Timalina* Batrukova 1969
Lingulacea Menke 1828
- Timaniella* Barchatova 1968
Spiriferacea King 1846
- Timanospirifer* Ljaschenko 1973
Spiriferacea King 1846
- Timorhynchia* Ager 1964
Rhynchonellacea Gray 1848
- Thecidellina japonica* Kuroda 1938
 Recent
- Thecidea barretti* Davidson 1864
 Tertiary-Recent
- Thecidea digitata* Sowerby 1823
 Cretaceous
- Cyrtotheca ampezzana* Bittner 1890
 Triassic
- Thecocyrtelloidea tubulosa* Yang&Xu 1966
 Triassic
- Thecidea haidingeri* Suess 1854
 Triassic
- Thecospirella loczyi* Bittner 1900
 Triassic
- Thecospira semseyi* Bittner 1900
 Triassic
- Hustedia meekana* Girty 1909
 Permian
- Spirifer anosofi* Verneuil 1845
 Devonian
- Thiemella villenovia* Williams 1908
 Devonian-Mississippian
- Thliborhynchia julli* Lenz 1967
 Devonian
- Thomasaria altumbona* Stainbrook 1945
 Devonian
- Productus wrighti* Davidson 1861
 Mississippian
- Thuleproductus crassauritus* Sarytcheva et al 1972
 Permian
- Terebratula thurmanni* Voltz 1833
 Jurassic
- Obolus siluricus* Eichwald 1843
 Ordovician
- Tianzhushanella ovata* Liu 1979
 Cambrian
- Tibetothyris depressa* Ching&Sun 1976
 Triassic
- Tichosina floridensis* Cooper 1977
 Recent
- Timalina miranda* Batrukova 1969
 Devonian
- Timaniella festa* Barchatova 1968
 Permian
- Uchtospirifer timanicus* Ljaschenko 1958
 Devonian
- Halorella nimassica* Krumbek 1924
 Triassic

- Timorina* Stehli 1961
 Cryptonellacea Thomson 1926
- Tingella* Grabau 1931
 Reticulariaceae Waagen 1883
- Tipispirifer* Grant 1976
 Spiriferacea King 1846
- Tiramnia* Grunt 1977
 Reticulariaceae Waagen 1883
- Tisimania* Hatai 1938
 Terebratellacea King 1850
- Tissintia* Havlicek 1970
 Enteletacea Waagen 1884
- Titanambonites* Cooper 1956
 Plectambonitacea Jones 1928
- Titanaria* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Titanomena* Bergstrom 1968
 Strophomenacea King 1846
- Tityrophia* Waterhouse 1971
 Productacea Gray 1840
- Togaella* Severgina 1960
 Uncertain
- Tolmatchoffia* Fredericks 1933
 Productacea Gray 1840
- Tomasina* Hall&Clarke 1892
 Lingulacea Menke 1828
- Tomilia* Sarytcheva 1963
 Productacea Gray 1840
- Tomiproductus* Sarytcheva 1963
 Productacea Gray 1840
- Tongzithyris* Ching,Liao&Fang 1974
 Enteletacea Waagen 1884
- Toquimaella* Johnson 1967
 Atrypacea Gill 1871
- Toquimia* Ulrich&Cooper 1936
 Plectambonitacea Jones 1928
- Tornquistia* Paeckelmann 1930
 Chonetacea Bronn 1862
- Torquirhynchia* Childs 1969
 Rhynchonellacea Gray 1848
- Torynechus* Cooper&Grant 1962
 Stenosismatacea Oehlert 1887
- Torynelasma* Cooper 1956
 Acrotretacea Schuchert 1893
- Torynifer* Hall&Clarke 1893
 Reticulariaceae Waagen 1883
- Toryniferella* Weyer 1967
 Reticulariaceae Waagen 1883
- Notothyris* minuta Broili 1916
 Permian
- Tingella* reticularioides Grabau 1931
 Devonian
- Tipispirifer* oppilatus Grant 1976
 Permian
- Martinia* uralica Tschernyschew 1902
 Pennsylvanian
- Diestothyris* tisimana Nomura&Hatai 1936
 Recent
- Tissintia* convergens Havlicek 1970
 Ordovician
- Titanambonites* medius Cooper 1956
 Ordovician
- Titanaria* costellata Muir-Wood&Cooper 1960
 Mississippian
- Titanomena* grandis Bergstrom 1968
 Ordovician
- Tityrophia* nelsoni Waterhouse 1971
 Permian
- Togaella* grandis Severgina 1960
 Ordovician
- Productus* robustus Tolmatchoff 1924
 Mississippian
- Lingula* criei Davidson 1881
 Ordovician
- Tomilia* khalfini Sarytcheva 1963
 Carboniferous
- Productus* elegantulus Tolmatchoff 1924
 Mississippian
- Tongzithyris* episulcata Ching,Liao&Fang 1974
 Permian
- Toquimaella* kayi Johnson 1967
 Devonian
- Toquimia* kirki Ulrich&Cooper 1936
 Ordovician
- Leptaena* polita McCoy 1855
 Carboniferous
- Terebratula* inconstans Sowerby 1821
 Jurassic
- Torynechus* caelatus Cooper&Grant 1962
 Permian
- Torynelasma* toryniferum Cooper 1956
 Ordovician
- Torynifer* criticus Hall&Clarke 1893
 Devonian-Mississippian
- Kitakamithyris* globosa Maxwell 1961
 Devonian

- Totia Rzonshitzkaja* & Mizens 1977
Atrypacea Gill 1871
- Toxorthis* Temple 1968
Orthacea Woodward 1952
- Transennatia* Waterhouse 1975
Productacea Gray 1840
- Trasgu* Martinez 1979
Rhynchonellacea Gray 1848
- Trautscholdia* Ustritsky 1967
Spiriferacea King 1846
- Treioria* Neuman & Rates 1978
Orthacea Woodward 1852
- Trematis* Sharpe 1848
Discinacea Gray 1840
- Trematobolus* Matthew 1893
Obolellacea Walcott & Schuchert 1908
- Trematorthis* Ulrich & Cooper 1938
Orthacea Woodward 1852
- Trematosia* Cooper 1976
Kutorginacea Schuchert 1893
- Trematospira* Hall 1859
Retziacea Waagen 1883
- Tretorhynchia* Brunton 1971
Rhynchoporacea Muir-Wood 1955
- Triadispira* Dagys 1961
Reticulariacea Waagen 1883
- Triadithyris* Dagys 1963
Terebratulacea Gray 1840
- Triathyris* Comte 1938
Athyridacea McCoy 1844
- Trichochonetes* Roberts 1976
Chonetacea Pronn 1862
- Trichorhynchia* Buckman 1917
Rhynchonellacea Gray 1848
- Trichothyris* Buckman 1917
Terebratulacea Gray 1840
- Tricoria* Cooper & Grant 1976
Rhynchonellacea Gray 1848
- Tridensilis* Su 1976
Rhynchonellacea Gray 1848
- Trifidarcula* Elliott 1959
Terebratellacea King 1850
- Trifidorostellum* Sartenaer 1961
Rhynchonellacea Gray 1848
- Trigeria* Bayle 1878
Retziacea Waagen 1883
- Trigonellina* Buckman 1907
Terebratellacea King 1850
- Atrypa intermediafera* Khodalevich 1951
 Devonian
- Toxorthis proteus* Temple 1968
 Silurian
- Productus graciosus* Waagen 1884
 Permian
- Trasgu minor* Martinez 1979
 Carboniferous
- Choristites trautscholdi* Stuckenberq 1905
 Carboniferous
- Treioria chaulioda* Neuman & Rates 1978
 Ordovician
- Orbicula terminalis* Emmons 1842
 Ordovician
- Trematobolus insignis* Matthew 1893
 Cambrian
- Trematorthis masoni* Ulrich & Cooper 1938
 Ordovician
- Obolus radifer* Richter & Richter 1941
 Cambrian
- Spirifer multistriatus* Hall 1857
 Devonian
- Terebratula trilatera* Koninck 1843
 Mississippian
- Triadispira caucasica* Dagys 1961
 Triassic
- Terebratula gregariaeformis* Zugmayer 1882
 Triassic
- Terebratula mucronata* Verneuil 1850
 Devonian
- Trichochonetes perpendicularis* Roberts 1976
 Carboniferous
- Rhynchonella deslongchampsii* Davidson 1852
 Jurassic
- Dictyothyris compressa* Kitchin 1897
 Jurassic
- Tricoria hirpex* Cooper & Grant 1976
 Permian
- Tridensilis gibbosa* Su 1976
 Devonian
- Terebratella trifida* Meyer 1864
 Cretaceous
- Leiorhynchus dunbarensis* Haynes 1916
 Devonian-Mississippian
- Terebratula guerangeri* Verneuil 1850
 Devonian
- Terebratulites pectunculus* Schlotheim 1820
 Jurassic

- Trigonirhynchella* Dagys 1963
 Rhynchonellacea Gray 1848
- Trigonirhynchia* Cooper 1942
 Rhynchonellacea Gray 1848
- Trigonithyris* Muir-Wood 1935
 Terebratulacea Gray 1840
- Trigonoqlossa* Nunhar&Condra 1932
 Lingulacea Menke 1828
- Trigonosemus* Koenig 1825
 Terebratellacea King 1850
- Trigonotreta* Koenig 1825
 Spiriferacea King 1846
- Trigonotrophia* Andreeva 1972
 Porambonitacea Davidson 1853
- Trigrammaria* Wilson 1945
 Strophomenacea King 1846
- Trimerella* Rillings 1862
 Trimerellacea Davidson&King 1872
- Trimurellina* Mitchell 1977
 Plectambonitacea Jones 1928
- Triplecella* Wilson 1932
 Dayiacea Waagen 1883
- Triplesia* Hall 1859
 Triplesiacea Schuchert 1913
- Triseptata* Bondarev 1965
 Porambonitacea Davidson 1853
- Triseptothyris* Xu 1978
 Zeilleriacea Allan 1940
- Tritoechia* Ulrich&Cooper 1936
 Clitambonitacea Winchell&Schuchert 1893
- Trochalocyrtina* Wright 1975
 Suesiacea Waagen 1883
- Trochifera* Ching&Ye 1979
 Cancellothyridacea Thomson 1926
- Trondorthis* Neuman 1974
 Orthacea Woodward 1852
- Tropeothyris* Smirnova 1972
 Terebratulacea Gray 1840
- Trophisina* Cooper&Grant 1976
 Rhynchonellacea Gray 1848
- Tropidelasma* Cooper&Grant 1969
 Derbyiacea Stehli 1954
- Tropidoglossa* Rowell 1966
 Lingulacea Menke 1828
- Tropidoleptus* Hall 1857
 Enteletacea Waagen 1884
- Tropidothyris* Cooper 1956
 Orthacea Woodward 1852
- Trigonirhynchia* trigona Dagys 1961
 Triassic
- Uncinulina* fallaciosa Payle 1878
 Devonian
- Trigonithyris* eruduensis Muir-Wood 1935
 Jurassic
- Lingula* nebrascensis Meek 1872
 Carboniferous
- Trigonosemus* elegans Koenig 1825
 Cretaceous
- Trigonotreta* stokesi Koenig 1825
 Permian
- Idiostrophia* paucicostata Cooper 1956
 Ordovician
- Trigrammaria* trigonalis Wilson 1945
 Ordovician
- Trimerella* grandis Billings 1862
 Silurian
- Trimurellina* superba Mitchell 1977
 Ordovician
- Triplecella* duplicata Wilson 1932
 Ordovician
- Atrypa* extans Emmons 1842
 Ordovician-Silurian
- Triseptata* nelidovi Bondarev 1965
 Ordovician
- Triseptothyris* yanjinensis Xu 1978
 Triassic
- Deltatreta* typica Ulrich 1932
 Ordovician
- Trochalocyrtina* flemingi Wright 1975
 Devonian
- Trochifera* bangonica Ching&Ye 1979
 Cretaceous
- Orthambonites* bifurcatus Cooper 1956
 Ordovician
- Tropeothyris* kugusemi Smirnova 1972
 Cretaceous
- Trophisina* fenaria Cooper&Grant 1976
 Permian
- Tropidelasma* culmenatum Cooper&Grant 1969
 Permian
- Linnarssonella* modesta Walcott 1908
 Cambrian
- Strophomena* carinata Conrad 1839
 Devonian
- Tropidothyris* pentagona Cooper 1956
 Ordovician

- Tropiorhynchia* Ruckman 1917
Rhynchonellacea Gray 1848
- Trotlandella* Neuman 1974
Strophomenacea King 1846
- Trucizetina* Havlicek 1974
Enteletacea Waagen 1884
- Truncalosis* Imbrie 1959
Strophalosiacea Schuchert 1913
- Tschatkalia* Nikiforova 1964
Athyraceae McCoy 1844
- Tschernyschewia* Stoyanow 1910
Aulostegacea Muir-Wood&Cooper 1960
- Tubaria* Muir-Wood&Cooper 1960
Productacea Gray 1840
- Tubegatanella* Prosorovskaja 1968
Zeilleriaceae Allan 1940
- Tubersulculus* Waterhouse 1971
Productacea Gray 1840
- Tubithyris* Ruckman 1917
Terebratulacea Gray 1840
- Tubulostrophia* Havlicek 1967
Strophomenacea King 1846
- Tudiaophomena* Xian 1978
Strophomenacea King 1846
- Tufoleptina* Havlicek 1961
Plectambonitacea Jones 1928
- Tulathyris* Grunt 1976
Athyraceae McCoy 1844
- Tulcumbella* Campbell&Engel 1963
Chonetacea Ronn 1862
- Tulipina* Smirnova 1962
Terebratellacea King 1850
- Tulunqospirifer* Ching&Sun 1976
Spiriferaceae Davidson 1884
- Tumarinia* Solomina&Grigorjewa 1973
Spiriferaceae King 1846
- Tunarites* Cooper&Muir-Wood 1951
Lingulacea Menke 1828
- Tungussotoechia* Lopushinskaja 1976
Rhynchonellacea Gray 1848
- Tunisiglossa* Massa et al 1977
Lingulacea Menke 1828
- Turkmenithyris* Prosorovskaja 1962
Terebratulacea Gray 1840
- Turriculum* Gregorio 1930
Uncertain
- Tuvaella* Tschernyschew 1937
Orthacea Woodward 1852
- Rhynchonella thalia* Orbigny 1850
Jurassic
- Trotlandella loki* Neuman 1974
Ordovician
- Trucizetina subrotundata* Havlicek 1974
Ordovician
- Truncalosis gibbosa* Imbrie 1959
Devonian
- Tschatkalia unica* Nikiforova 1964
Silurian
- Tschernyschewia typica* Stoyanow 1910
Permian
- Productus genuinus* Kutorga 1844
Permian
- Tubegatanella repmanae* Prosorovskaja 1968
Jurassic
- Tubersulculus maximus* Waterhouse 1971
Permian
- Terebratula wrighti* Davidson 1855
Jurassic
- Leptaena fugax* Barrande 1848
Devonian
- Tudiaophomena plicata* Xian 1978
Silurian
- Tufoleptina tufogena* Havlicek 1961
Silurian
- Athyris voqdti* Peetz 1893
Carboniferous
- Tulcumbella microstriata* Campbell&Engel 1963
Mississippian
- Zeilleria koutaisensis* Lorient 1896
Cretaceous
- Spiriferina stracheyi* Salter 1865
Triassic
- Tumarinia orientalis* Grigorjewa 1973
Permian
- Tunaria cochambina* Hoek 1912
Ordovician
- Stegerhynchus tungussensis* Lopushinskaja 1972
Silurian
- Tunisiglossa tripolitanea* Massa et al 1977
Ordovician
- Turkmenithyris krimholzi* Prosorovskaja 1962
Jurassic
- Turriculum imperans* Gregorio 1930
Permian
- Tuvaella rackovskii* Tschernyschew 1937
Silurian

- Twenhofelia* Rowcot&Smith 1978
 Pentameracea McCoy 1844
- Tyersella* Philip 1962
 Palmanellacea Schuchert 1913
- Tyloplecta* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Tylospiriferina* Xu 1978
 Suesstacea Waaqen 1883
- Tylothyris* North 1920
 Spiriferacea King 1846
- Tyrganiella* Kulkov 1970
 Athyridacea McCoy 1944
- Tyronella* Mitchell 1977
 Enteletacea Waaqen 1884
- Tyrothyris* Opik 1953
 Atrypacea Gill 1871
- Uchtella* Ljaschenko 1973
 Rhynchonellacea Gray 1848
- Uchtospirifer* Ljaschenko 1957
 Spiriferacea King 1846
- Ujandinella* Baranov 1977
 Rhynchonellacea Gray 1848
- Ukoa* Opik 1932
 Plectambonitacea Jones 1928
- Ulbospirifer* Gretschischnikova 1965
 Spiriferacea King 1846
- Uldziathyris* Grunt 1977
 Athyridacea McCoy 1944
- Umboanctus* Waterhouse 1971
 Productacea Gray 1840
- Uncinella* Waaqen 1883
 Athyrisinacea Grabau 1931
- Uncinulus* Bayle 1878
 Rhynchonellacea Gray 1848
- Uncinunellina* Grabau 1932
 Rhynchonellacea Gray 1848
- Uncisteges* Jing&Hu 1978
 Strophalosiacea Schuchert 1913
- Uncites* DeFrance 1825
 Dayiacea Waaqen 1883
- Undaria* Muir-Wood&Cooper 1960
 Productacea Gray 1840
- Undatrypa* Copper 1978
 Atrypacea Gill 1871
- Undellaria* Cooper&Grant 1975
 Productacea Gray 1840
- Undiferina* Cooper 1956
 Acrotretacea Schuchert 1893
- Stricklandia* exploitensis Shrock&Twenhofel 1939
 Silurian
- Tyersella* typica Philip 1962
 Silurian-Devonian
- Productus* scabriculus Frech 1911
 Permian
- Tylospiriferina* typica Xu 1978
 Triassic
- Cyrtia* laminosa McCoy 1844
 Devonian-Mississippian
- Tyrganiella* repentina Kulkov 1970
 Devonian
- Tyronella* killeyensis Mitchell 1977
 Ordovician
- Tyrothyris* tyro Opik 1953
 Silurian
- Hypothyridina* praesemilukiana Ljaschenko 1958
 Devonian
- Uchtospirifer* nalivkini Ljaschenko 1957
 Devonian
- Ujandinella* remissiformis Baranov 1977
 Devonian
- Ukoa* ornata Opik 1932
 Ordovician
- Ulbospirifer* altaicus Gretschischnikova 1965
 Mississippian
- Uldziathyris* tikhonovi Grunt 1977
 Mississippian
- Umboanctus* spinosus Waterhouse 1971
 Pennsylvanian
- Uncinella* indica Waaqen 1883
 Permian
- Hemithyris* subwilsoni Orbigny 1850
 Devonian
- Uncinulus* theobaldi Waaqen 1884
 Permian
- Marginifera* crenulata Ting 1966
 Permian
- Terebratulites* gryphus Schlotheim 1820
 Devonian
- Undaria* manxensis Muir-Wood&Cooper 1960
 Mississippian
- Terebratula* munieri Gruenewaldt 1854
 Devonian
- Undellaria* magnifica Cooper&Grant 1975
 Permian
- Undiferina* rugosa Cooper 1956
 Ordovician

- Undispirifer* Havlicek 1957
Reticulariacea Waagen 1883
- Undispiriferoides* Xian 1978
Reticulariacea Waagen 1883
- Undithyrella* Havlicek 1971
Atrypacea Gill 1871
- Undulella* Cooper&Grant 1969
Chonetacea Bronn 1862
- Unqula* Pander 1830
Lingulacea Menke 1828
- Unispirifer* Campbell 1957
Spiriferacea King 1846
- Uralella* Makridin 1960
Terebratulacea Gray 1840
- Uralina* Schuchert&LeVene 1929
Lyttoniaceae Waagen 1883
- Uralorhynchia* Dagys 1968
Rhynchonellacea Gray 1848
- Uralospira* Mizens 1977
Atrypacea Gill 1871
- Uralospirifer* Havlicek 1959
Spiriferacea King 1846
- Uralotoechia* Sapelnikov 1963
Rhynchonellacea Gray 1848
- Urbanirhynchia* Katz 1974
Rhynchonellacea Gray 1848
- Urbimena* Havlicek 1976
Plectambonitacea Jones 1928
- Urella* Rzonstnitzkaja 1960
Spiriferacea King 1846
- Urushtenia* Licharew 1935
Strophalosiacea Schuchert 1913
- Urushtenoidea* Jinq&Hu 1978
Strophalosiacea Schuchert 1913
- Ushkolia* Martynova&Sverbilova 1969
Cyrtiacea Fredericks 1924
- Ussuricamara* Koczyrkevicz 1969
Stenoscismatacea Oehlert 1887
- Ussurirhynchia* Koczyrkevicz 1976
Basilolacea Cooper 1959
- Vaga* Sapelnikov et al 1973
Pentameracea McCoy 1844
- Vagranelia* Sapelnikov 1960
Pentameracea McCoy 1844
- Vagrana* Alekseeva 1959
Atrypacea Gill 1871
- Valcourea* Raymond 1911
Orthacea Woodward 1852
- Spirifer undiferus* Roemer 1844
 Devonian
- Undispiriferoides huishuiensis* Xian 1978
 Devonian
- Undithyrella undosa* Havlicek 1971
 Ordovician
- Undulella undulata* Cooper&Grant 1969
 Permian
- Unqula convexa* Pander 1830
 Cambrian-Ordovician
- Spirifer striatoconvolutus* Benson&Dun 1920
 Mississippian
- Terebratula strogonoffii* Orbigny 1845
 Jurassic
- Uralia tastubaensis* Licharew 1925
 Pennsylvanian-Permian
- Terebratula striatissima* Eichwald 1865
 Jurassic
- Uralospira tenuicostata* Mizens 1977
 Devonian
- Spirifer mansy* Khodalevich 1951
 Devonian
- Uralotoechia vagranensis* Sapelnikov 1963
 Silurian
- Urbanirhynchia urbani* Katz 1974
 Cretaceous
- Urbimena mareki* Havlicek 1976
 Ordovician
- Urella asiatica* Rzonstnitzkaja 1960
 Devonian
- Productus pseudomedusa* Tschernyschew 1902
 Permian
- Urushtenia chaoi* Ching 1963
 Permian
- Ushkolia litvinovitshae* Martynova&Sverbilova 1969
 Devonian
- Ussuricamara majchensis* Koczyrkevicz 1969
 Permian
- Ussurirhynchia licharewi* Koczyrkevicz 1976
 Permian
- Vaga sinualis* Sapelnikov et al 1973
 Ordovician
- Subriana diversoplicata* Sapelnikov 1960
 Silurian
- Atrypa kolymensis* Nalivkin 1936
 Devonian
- Plaesiomys strophomenoides* Raymond 1905
 Ordovician

- Valdaria* Bassett&Cocks 1974
 Davidsoniacea King 1850
- Valdiviathyris* Helmcke 1940
 Craniacea Menke 1828
- Vallomyonia* Johnson 1966
 Enteletacea Waaqen 1884
- Vandercammenina* Boucot 1975
 Sussiacea Waagen 1883
- Vandergrachtella* Crickmay 1953
 Spiriferacea King 1846
- Vandobiella* Pojariskaja 1966
 Terebratulacea King 1850
- Vaniella* Kvakhadze 1974
 Terebratulacea King 1850
- Variatrypa* Copper 1966
 Atrypacea Gill 1871
- Vectella* Owen 1965
 Zeilleriacea Allan 1940
- Vediproductus* Sarytcheva 1965
 Productacea Gray 1840
- Veghryhynchia* Nagys 1974
 Basiliolacea Cooper 1959
- Veliseptum* Popov 1976
 Acrotretacea Schuchert 1893
- Vellamo* Opik 1930
 Clitambonitacea Winchell&Schuchert 1893
- Velostrophia* Havlicek 1965
 Strophomenacea King 1846
- Venezuelia* Weisbord 1926
 Uncertain
- Verchojania* Abramov 1970
 Productacea Gray 1840
- Verkhotomia* Sokolskaja 1963
 Spiriferacea King 1846
- Vermiculothecidea* Elliott 1953
 Thecideacea Gray 1840
- Verneuilia* Hall&Clarke 1893
 Reticulariacea Waagen 1883
- Vex* Hoover 1979
 Terebratulacea Gray 1840
- Viallithyris* Voros 1978
 Terebratulacea Gray 1840
- Viarhynchia* Calzada 1974
 Rhynchonellacea Gray 1848
- Victorithyris* Allan 1940
 Terebratulacea King 1850
- Viligella* Nagys 1965
 Spiriferinacea Davidson 1884
- Valdaria testudo* Bassett&Cocks 1974
 Silurian
- Valdiviathyris quenstedti* Helmcke 1940
 Recent
- Skenidium devonicum* Walcott 1884
 Devonian
- Spirifer triqeri* Verneuil 1850
 Devonian
- Vandergrachtella arcuum* Crickmay 1953
 Devonian
- Vandobiella perpusilla* Pojariskaja 1966
 Jurassic
- Vaniella sinuata* Kvakhadze 1974
 Cretaceous
- Desquamatia ajugata* Copper 1965
 Devonian
- Waldheimia celtica* Morris 1854
 Cretaceous
- Vediproductus vediensis* Sarytcheva 1965
 Permian
- Rhynchonella arpadica* Pittner 1902
 Triassic
- Veliseptum fragile* Popov 1976
 Ordovician
- Orthis verneuili* Eichwald 1841
 Ordovician
- Strophomena insolita* Barrande 1879
 Devonian
- Vitulina venezuelensis* Weisbord 1926
 Devonian
- Jakutoproductus cheraskowi* Kaschirzev 1959
 Carboniferous
- Verkhotomia plenoides* Sokolskaja 1963
 Carboniferous
- Terebratulites vermicularis* Schlotheim 1813
 Cretaceous
- Spirifer cheiroptyx* Archiac&Verneuil 1842
 Devonian
- Terebratula semisimplex* White 1879
 Triassic
- Terebratula gozzanensis* Parona 1880
 Jurassic
- Rhynchonella cerdanyolae* Rattler 1947
 Cretaceous
- Victorithyris peterboroughensis* Allan 1940
 Tertiary
- Mentzelia rotunda* Tschekov 1956
 Triassic

- Viligothyris* Dagys 1968
 Loboidothyridacea Makridin 1964
- Villicundella* Levy&Nullo 1974
 Enteletacea Waagen 1984
- Vincia* Gregorio 1930
 Lyttoniaceae Waagen 1983
- Virbium* Gregorio 1930
 Uncertain
- Virgiana* Twenhofel 1914
 Pentameracea McCoy 1844
- Virgianella* Nikiforova et al 1971
 Pentameracea McCoy 1844
- Virginiaia* Amsden 1968
 Strophomenacea King 1846
- Virgoria* Neuman 1977
 Enteletacea Waagen 1984
- Viruella* Roomusoks 1959
 Plectambonitacea Jones 1928
- Visbyella* Walmsley et al 1968
 Enteletacea Waagen 1984
- Vitiliproductus* Ching&Liao 1974
 Productacea Gray 1840
- Vltavothyris* Havlicek 1956
 Stringocephalacea King 1850
- Voiseyella* Roberts 1964
 Spiriferacea King 1846
- Volborthia* Moller 1870
 Paterinacea Schuchert 1893
- Volirhynchia* Dagys 1974
 Rhynchonellacea Gray 1848
- Vosmiverstum* Breivel&Breivel 1970
 Pentameracea McCoy 1844
- Waagenites* Paeckelmann 1930
 Chonetacea Bronn 1862
- Waagenoconcha* Chao 1927
 Productacea Gray 1840
- Waconella* Owen 1970
 Terebratulacea King 1850
- Waiparia* Thomson 1920
 Terebratulacea King 1850
- Wairakiella* Waterhouse 1967
 Rhynchonellacea Gray 1848
- Waisiuthyrina* Beets 1943
 Terebratulacea Gray 1840
- Walcottina* Cobbold 1921
 Paterinacea Schuchert 1893
- Walkerithyrina* Cox&Middlemiss 1978
 Terebratulacea Gray 1840
- Viligothyris* *orientalis* Dagys 1968
 Jurassic
- Villicundella* *mozetici* Levy&Nullo 1974
 Ordovician
- Lyttonia* *asymmetrica* Gregorio 1930
 Permian
- Virbium* *turbecolinum* Gregorio 1930
 Permian
- Pentamerus* *barrandei* Billings 1857
 Silurian
- Virgianella* *vaigatschensis* Nikiforova 1971
 Silurian
- Camarotoechia* *arkansana* Thomas 1926
 Silurian
- Virgoria* *virgensis* Neuman 1977
 Ordovician
- Sowerbyella* *liliifera* Osik 1930
 Ordovician
- Orthis* *visbyensis* Lindstrom 1861
 Silurian
- Productus* *groeberi* Krenkel 1913
 Carboniferous
- Vltavothyris* *svobodai* Havlicek 1956
 Devonian
- Strophopleura* *anterosa* Campbell 1957
 Mississippian
- Acrotreta* *recurva* Kutorga 1848
 Ordovician
- Rhynchonella* *volitans* Bittner 1890
 Triassic
- Conchidium* *triquetrum* Sapelnikov 1961
 Silurian
- Chonetes* *grandicosta* Waagen 1884
 Permian
- Productus* *humboldti* Orbnigny 1842
 Pennsylvanian-Permian
- Terebratula* *wacoensis* Roemer 1852
 Cretaceous
- Pachymagas* *abnormis* Thomson 1917
 Tertiary
- Wairakiella* *rostrata* Waterhouse 1967
 Permian
- Waisiuthyrina* *margineplicata* Beets 1943
 Tertiary
- Walcottina* *lapworthi* Cobbold 1921
 Cambrian
- Walkerithyrina* *mendax* Cox&Middlemiss 1978
 Cretaceous

- Waltonia* Davidson 1850
 Terebratulaceae King 1850
- Wardakia* Termier et al 1974
 Davidsoniaceae King 1850
- Warrenella* Crickmay 1953
 Reticulariaceae Waagen 1883
- Warsawia* Carter 1974
 Spiriferaceae King 1846
- Wattonithyris* Muir-Wood 1936
 Terebratulaceae Gray 1840
- Wattsella* Bancroft 1928
 Enteletaceae Waagen 1884
- Weberithyris* Smirnova 1969
 Terebratulaceae Gray 1840
- Weiningia* Ching&Liao 1974
 Davidsoniaceae King 1850
- Weldonithyris* Muir-Wood 1952
 Terebratulaceae Gray 1840
- Wellerella* Dunbar&Condra 1932
 Rhynchonellaceae Gray 1848
- Werneckeella* Lenz 1971
 Rhynchonellaceae Gray 1848
- Werrica* Campbell 1957
 Davidsoniaceae King 1850
- Westonia* Walcott 1901
 Lingulaceae Menke 1828
- Westralicrania* Cockbain 1967
 Craniaceae Menke 1828
- Whidbornella* Reed 1943
 Productaceae Gray 1840
- Whitfieldella* Hall&Clarke 1893
 Athyridaceae McCoy 1844
- Whitfieldia* Davidson 1882
 Athyridaceae McCoy 1844
- Whitspakia* Stehli 1964
 Dielasmataceae Schuchert 1913
- Whittardia* Williams 1974
 Orthacea Woodward 1852
- Wilberrya* Yancey 1978
 Cyrtiaceae Fredericks 1924
- Wilsoniella* Khalfin 1939
 Rhynchonellaceae Gray 1848
- Wimanella* Walcott 1908
 Orthacea Woodward 1852
- Winterfeldia* Priestersbach 1942
 Dayiaceae Waagen 1883
- Wittenburgella* Dagys 1959
 Dielasmataceae Schuchert 1913
- Waltonia valenciennesi* Davidson 1850
 Tertiary-Recent
- Derbyia grandis* Waagen 1884
 Pennsylvanian-Permian
- Warrenella eclecticae* Crickmay 1953
 Devonian
- Spirifer lateralis* Hall 1858
 Mississippian
- Wattonithyris wattonensis* Muir-Wood 1936
 Jurassic
- Wattsella watsi* Bancroft 1928
 Ordovician-Silurian
- Rectithyris moisseevi* Weber 1949
 Cretaceous
- Weiningia transversa* Ching&Liao 1974
 Carboniferous
- Weldonithyris weldonensis* Muir-Wood 1952
 Jurassic
- Wellerella tetrahedra* Dunbar&Condra 1932
 Pennsylvanian-Permian
- Werneckeella hartensis* Lenz 1971
 Devonian
- Werrica australis* Campbell 1957
 Permian
- Lingula aurora* Hall 1861
 Cambrian-Ordovician
- Westralicrania allani* Cockbain 1967
 Tertiary
- Leptaena caperata* Sowerby 1840
 Devonian
- Atrypa nitida* Hall 1843
 Silurian-Devonian
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Legends for illustrations must not be attached to the art nor included within the text but must be submitted at the end of the manuscript—with as many legends typed, double-spaced, to a page as convenient.

Illustrations must not be included within the manuscript but must be submitted separately as original art (not copies). All illustrations (photographs, line drawings, maps, etc.) can be intermixed throughout the printed text. They should be termed Figures and should be numbered consecutively. If several "figures" are treated as components of a single larger figure, they should be designated by lowercase italic letters (underlined in copy) on the illustration, in the legend, and in text references: "Figure 9_b." If illustrations are intended to be printed separately on coated stock following the text, they should be termed Plates and any components should be lettered as in figures: "Plate 9_b." Keys to any symbols within an illustration should appear on the art and not in the legend.

A few points of style: (1) Do not use periods after such abbreviations as "mm, ft, yds, USNM, NNE, AM, BC." (2) Use hyphens in spelled-out fractions: "two-thirds." (3) Spell out numbers "one" through "nine" in expository text, but use numerals in all other cases if possible. (4) Use the metric system of measurement, where possible, instead of the English system. (5) Use the decimal system, where possible, in place of fractions. (6) Use day/month/year sequence for dates: "9 April 1976." (7) For months in tabular listings or data sections, use three-letter abbreviations with no periods: "Jan, Mar, Jun," etc.

Arrange and paginate sequentially EVERY sheet of manuscript—including ALL front matter and ALL legends, etc., at the back of the text—in the following order: (1) title page, (2) abstract, (3) table of contents, (4) foreword and/or preface, (5) text, (6) appendixes, (7) notes, (8) glossary, (9) bibliography, (10) index, (11) legends.

