





# Checklist of North American Late Paleozoic Coral Species (Coelenterata, Anthozoa)

By WILLIAM J. SANDO

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GEOLOGICAL SURVEY BULLETIN 1387

*A bibliographic compilation through 1973  
of coral species described from the  
Mississippian, Pennsylvanian, and  
Permian rocks of North America*



UNITED STATES DEPARTMENT OF THE INTERIOR

ROGERS C. B. MORTON, *Secretary*

GEOLOGICAL SURVEY

V. E. McKelvey, *Director*

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**Library of Congress Cataloging in Publication Data**

Sando, William Jasper.

Checklist of North American late Paleozoic coral species (Coelenterata, Anthozoa)

(Geological Survey bulletin; 1387)

Includes bibliography.

Supt. of Docs. no.: I 19.3:1387

1. Anthozoa, Fossil. 2. Paleontology—Paleozoic. 3. Paleontology—North America. I. Title. II. Series: United States. Geological Survey. Bulletin; 1387.

QE75.B9 no. 1387 [QE778] 557.3'08s [563'.6] 74-23375

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For sale by the Superintendent of Documents, U.S. Government Printing Office  
Washington, D.C. 20402 — Price 70 cents (paper cover)  
Stock Number 2401-02576

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# CHECKLIST OF NORTH AMERICAN LATE PALEOZOIC CORAL SPECIES (COELENTERATA, ANTHOZOA)

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By WILLIAM J. SANDO

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## ABSTRACT

An objective list of coral species described from the Mississippian, Pennsylvanian, and Permian rocks of North America includes 578 entries, of which four are now known to be from older rocks and four are probably erroneous references to older species. The list includes information on the original references for all species and the geologic age and geographic area from which the species have been described.

## INTRODUCTION

This paper presents an objective list of formally named coral species that have been described from rocks of Mississippian, Pennsylvanian, and Permian age in North America through 1973. Comparative species references (cf., aff.) and unnamed species (sp.) are excluded. One nomen nudum (*Texanophyllum skinneri*) is included. The list does not include chaetetids, which I regard as hydrozoans.

The list is arranged alphabetically by species name in the form in which this name was originally published, together with the author, original date of publication, and original generic assignment. Secondary references are indicated for species whose type localities are outside North America. All original and secondary references are included in the bibliography at the end of the paper. Subjective synonymy is omitted; objective synonyms are indicated only for replacement names. Names proposed for varieties, subspecies, and formae are treated as species names.

Age designations have been updated to indicate the latest interpretations. A few species originally described as late Paleozoic whose type specimens were later found to be from older rocks are included with appropriate explanation. The list also includes

a few corals that have been referred to pre-Mississippian species probably erroneously but without published verification of erroneous taxonomic assignment.

Geographic designations are in standard political units for North America (Canada, Mexico, and the United States of America). Each geographic designation includes the original State or Province from which the species was described and other areas from which specimens assigned to the species have been described or illustrated. Geographic extensions of the usage of names are not documented in the bibliography; only references to original descriptions are given. Queried species assignments are included, but comparative species references (cf., aff.) are omitted.

The nucleus for this compilation was the late Paleozoic species synonymy file in the U.S. Geological Survey, (U.S. National Museum) Washington, D.C. This file was begun by G. H. Girty and maintained continuously until about 1957, after which the coverage became sporadic. Other compilations that were useful in searching for and checking species references are Bassler (1950), Branson (1948), Weller (1898), and Wilson (1974).

I am indebted to A. K. Armstrong, E. W. Bamber, J. M. Cocke, C. L. Rowett, E. C. Wilson, and Geoffrey Cotton for checking preliminary versions of the list. Their expertise was valuable in assuring maximum accuracy and completeness for the compilation. I am also grateful to E. L. Yochelson and W. A. Oliver, Jr., for reviewing the final manuscript.

Perfection is rarely, if ever, attained in any work of this kind. I would be grateful if any errors or omissions were called to my attention.

### SPECIES LIST

[Miss.: Mississippian; Penn., Pennsylvanian; Perm., Permian]

*aages* Jeffords 1947, *Stereostylus*

Penn.: Iowa

*absitus* Jeffords 1947, *Stereostylus*

Penn.: Kansas

*acolumnatum* Cocke 1970, *Neokoninckophyllum*

Penn.: Kansas, Oklahoma

*aculeata* Girty 1899, *Syringopora*

Miss.: Alberta, Arizona, Colorado, Montana, New Mexico, Utah,  
Wyoming

*acus* Moore and Jeffords 1941, *Leonardophyllum*

Perm.: Texas

*acutus* White and Whitfield, 1862, *Zaphrentis*

Miss.: Iowa, Missouri

- adapertum* Moore and Jeffords, 1945, *Lophophyllidium*  
Penn.: Texas
- adelus* Jeffords 1947, *Stereostylus*  
Penn.: Texas
- adjunctiva* White 1880a, *Acervularia*  
Miss.: Idaho
- adnatus* Easton 1945c, *Amplexus*  
Miss.: Illinois
- agglomerata* Grabau in Greene 1901a, *Ceratopora*  
Miss.: Indiana
- agglomerata* Nelson 1962a, *Syringopora*  
Miss.: Alberta
- aggregatum* Simpson 1900, *Schoenophyllum* (equals *Lithostrotion* [*Siphonodendron*] *genevievensis* Easton 1957)  
Miss.: Kentucky (Easton, 1957)
- alani* Cocke and Bowsher 1968, *Sutherlandia*  
Penn.: Oklahoma
- alaskaensis* Armstrong 1970, *Sciophyllum*  
Miss.: Alaska
- alaskaensis* Rowett 1969, *Durhamina*  
Perm.: Alaska
- alleni* Rowley 1901, *Axophyllum*?  
Penn.: Missouri
- americana* Hayasaka 1936, *Lithostrotionella*  
Miss.: Alaska, Alberta, California, Illinois, Kentucky, Missouri (The California specimen is probably Permian)
- americana* Weller, 1909, *Beaumontia*  
Miss.: Missouri
- americanus* Weller 1909, *Cladochonus*  
Miss.: Arkansas, Missouri
- amesensis* Bebout 1966, *Stereostylus*  
Penn.: Ohio
- amoenum* Moore and Jeffords 1945, *Lophotichium*  
Penn.: Oklahoma
- amplexa* Rowley 1901, *Aulopora*  
Miss.: Missouri
- amsdenensis* Branson and Greger 1918, *Zaphrentis*  
Miss.: Wyoming
- angustifolium* Moore and Jeffords 1945, *Lophophyllidium*  
Penn.: Arkansas, Oklahoma
- anna* Beede 1898, *Aulopora*?  
Penn.: Kansas
- annae* Jeffords 1947, *Stereostylus*  
Penn.: Kansas
- annectans* Moore and Jeffords 1945, *Stereocorypha*  
Penn.: Texas
- aplatus* Cummins 1891, *Hadrophyllum*  
Penn.: Texas
- araneosum* Parks 1951, *Faberophyllum*  
Miss.: Utah

- archimediiformis* Rowley 1905, *Amplexus*  
Miss.: Missouri
- areturusensis* Stevens 1967, *Kleopatrina* (*Porfirievella*)  
Perm.: Nevada
- arcuata* Jeffords 1943, *Caninia*  
Miss.: New Mexico
- arcuata* Weller, 1909, *Cyathaxonia*  
Miss.: Arkansas, Missouri, Montana
- arcuatum* Moore and Jeffords 1945, *Neokoninckophyllum*  
Penn.: Arizona, Texas
- arizelum* Crickmay 1955, *Koninckophyllum*  
Miss.: Alberta
- arkansanum* Girty 1910, *Menophyllum*  
Miss.: Arkansas, Oklahoma
- asarcum* Jeffords 1947, *Lophophyllidium*  
Penn.: Oklahoma
- astraeiforme* Warren 1927, *Diphyphyllum*  
Miss.: Alaska, Alberta
- austini* Worthen 1890, *Trachypora*  
Penn.: Kansas
- avonensis* Bell 1929, *Lophophyllum*  
Miss.: Nova Scotia
- bailliei* Nelson 1960, *Lithostrotionella*  
Miss.: Alberta
- banffense* Warren 1927, *Clisiophyllum?*  
Miss.: Alberta
- banffense* Warren 1927, *Lithostrotion*  
Miss.: Alaska, Alberta
- basaltiforme* Haughton in M'Clintock 1857, *Lithostrotion*  
Perm.: Northwest Territories (Arctic Islands)
- basaltiforme* Owen 1852, *Lithostrotion*  
Miss.: Alabama, Iowa, Kentucky
- bassoi* Nelson 1962a, *Syringopora*  
Miss.: Alberta, British Columbia
- beecheri* Grabau 1899, *Monilopora*  
Miss.: Arkansas, Indiana
- belcheri* Harker 1960, *Caninia*  
Perm.: Northwest Territories (Arctic Islands)
- bennetti* Beede 1898, *Cladochonus*  
Penn.: Kansas
- berthiaumi* Merriam 1942, *Lithostrotion* (*Lithostrotionella*)  
Perm.: Oregon
- bicarinatus* Easton 1951, *Triplophyllites* (*Triplophyllites*)  
Miss.: Indiana
- bicostatus* Miller 1891, *Amplexus*  
Miss.: Missouri
- bifidus* Weller 1909, *Palaeacis*  
Miss.: Missouri, New Mexico
- bilateralis* Easton 1945b, *Caninia*  
Miss.: Montana

- billingsi* Dawson 1868, *Cyathophyllum*  
Miss.: Nova Scotia
- birdi* Armstrong 1970, *Lithostrotionella*  
Miss.: Alaska
- blairi* Miller 1891, *Amplexus*  
Miss.: Indiana, Iowa, Missouri
- blairi* Miller, 1892, *Microcyclus*  
Miss.: Missouri, New Mexico
- blandum* Moore and Jeffords 1945, *Lophophyllidium*  
Penn.: Oklahoma
- bolliabokkensis* Coogan 1960, *Stereostylus*  
Perm.: California
- bordeni* Greene 1900, *Cyathaxonia*  
Miss.: Indiana
- borealis* Stuckenberg 1895, *Lithostrotion* (Chernyshev and Stepanov, 1916)  
Perm.: Northwest Territories (Arctic Islands)
- bourbonense* Cocke 1970, *Dibunophyllum*  
Penn.: Kansas
- branneri* Miller and Gurley 1893, *Michelinia*  
Penn.: Illinois
- brevifolius* Jeffords 1947, *Lophamplexus*  
Penn.: Colorado, Kansas, Oklahoma
- brevis* Weller 1909, *Amplexus*  
Miss.: Missouri
- brokawi* Wilson and Langenheim 1962, *Lithostrotionella*  
Perm.: Nevada
- brucei* Cocke 1966, *Dibunophyllum*  
Penn.: Oklahoma
- brushensis* Bebout 1966, *Stereostylus*  
Penn.: Ohio
- burlingi* Sutherland 1958, *Pseudozaphrentoides*?  
Miss.: British Columbia
- burlingtonensis* Keyes 1942, *Aulopora* (equals *A. gracilis* Keyes, 1894)  
Miss.: Iowa, Missouri
- buttensis* Stevens 1967, *Heritschioides* (*Heritschioides*)  
Perm.: Nevada
- calcariformis* Hall 1882, *Zaphrentis*  
Miss.: Alabama, Alberta, Indiana, Kentucky
- calceola* White and Whitfield 1862, *Lophophyllum*  
Miss.: Arizona, Iowa, Missouri, New Mexico
- californicus* Tischler 1956, *Triplophyllites* (*Triplophyllites*)  
Miss.: California
- californiense* Langenheim and Tischler, 1960, *Enygmophyllum*  
Miss.: California
- californiense* Meek 1864, *Lithostrotion*?  
Perm.: California
- callosum* Moore and Jeffords 1945, *Barytichisma*  
Penn.: Arkansas, Oklahoma, Texas
- calyculus* Miller 1891, *Zaphrentis*  
Miss.: Missouri

- canadensis* Castelnau 1843, *Axinura*  
 (Type specimen is probably a drift specimen derived from Devonian  
 (Ehlers in Lang, Smith, and Thomas, 1940). As commonly used it  
 equals *Acrocyathus floriformis* d'Orbigny 1849 (Easton, 1973))  
 Miss.: Alabama, Illinois, Kentucky, Missouri, Tennessee, Virginia
- caneyana* Morgan 1924, *Pachypora*  
 Penn.: Oklahoma
- cannonensis* Winchell 1869, *Zaphrentis*  
 Miss.?: Tennessee
- captiosis* Moore and Jeffords 1945, *Lophamplexus*  
 Penn.: Oklahoma
- capuliformis* Rowley 1900, *Zaphrentis*  
 Miss.: Missouri
- carbonaria* Mather 1915, *Pachypora*  
 Penn.: Arkansas, Oklahoma
- carbonaria* White 1862, *Striatopora*  
 Miss.: Iowa, Missouri
- carinata* Girty, 1910, *Palaeacis*  
 Miss.: Arkansas
- carinatus* Worthen 1890, *Zaphrentis*  
 Miss.: Indiana, Iowa, Kentucky
- cascadense* Warren 1927, *Lophophyllum?*  
 Miss.: Alberta
- cassa* Sutherland 1958, *Amplexi-Zaphrentis*  
 Miss.: British Columbia
- cassedayi* Milne-Edwards 1860, *Zaphrentis*  
 Miss.: Indiana, Kentucky, Ohio
- castelnaui* Hayasaka 1936, *Lithostrotionella*  
 Miss.: Alabama, California, Georgia, Illinois, Missouri, Virginia, West  
 Virginia
- casteri* Armstrong 1958, *Zaphriphyllum*  
 Miss.: New Mexico
- cavernosa* Miller 1891, *Palaeacis*  
 Miss.: Indiana
- cavum* Easton 1944, *Pseudocryptophyllum*  
 Miss.: Missouri
- centralis* Milne-Edwards and Haime 1851, *Zaphrentis*  
 Miss.: Illinois, Iowa, Kentucky, Missouri
- centrocylindrica* Driscoll and Newton 1969, *Syringopora*  
 Penn.: Montana
- chesterensis* Worthen 1890, *Zaphrentis*  
 Miss.: Illinois, Missouri
- chouteauensis* Miller 1891, *Zaphrentis*  
 Miss.: Georgia, Indiana, Missouri
- circinatus* Easton and Gutschick 1953, *Lithostrotionella*  
 Miss.: Arizona
- circularis* Easton 1958, *Triplophyllites* (*Homalophyllites*)  
 Miss.: New Mexico, Sonora
- clathrum* Cocke 1970, *Dibunophyllum*  
 Penn.: Kansas

- clavigerum* Easton 1962, *Bradyphyllum*  
Miss. and Penn.?: Montana
- cliffordana* Milne-Edwards and Haime 1851, *Zaphrentis*  
Miss.: Alabama, Georgia, Illinois, Iowa, Kentucky, Missouri, Ohio
- clinatus* Greene 1904b, *Zaphrentis*  
Miss.: Indiana, Kentucky, Missouri, New Mexico
- coaptum* Moore and Jeffords 1945, *Lophophyllidium*  
Penn.: Arkansas
- columbicum* Smith 1935, *Waagenophyllum*  
Perm.: British Columbia
- columnirotata* Langenheim and Tischler 1960, *Rylstonia*  
Miss.: Arizona, California
- compacta* Nelson 1962a, *Syringopora*  
Miss.: Alberta
- complexum* Jeffords 1942, *Lophophyllidium*  
Penn.: Oklahoma
- compressa* Easton 1943b, *Palaeosmia*  
Miss.: Tennessee
- compressa* Greene 1899a, *Cyathaxonia* (equals *C. venusta* Greene)  
Miss.: Indiana
- compressa* Milne-Edwards 1860, *Zaphrentis*  
Miss.: Alabama, Georgia, Indiana, Kentucky, Tennessee, Utah
- compressum* Jeffords 1942, *Lophophyllidium*  
Penn.: Texas
- compressum* Meek and Worthen 1860, *Sphenopoterium*  
Miss.: Illinois
- confertum* Jeffords 1942, *Lophophyllidium*  
Penn.: Oklahoma
- confluens* Easton 1958, *Lithostrotionella*  
Miss.: Arizona, New Mexico, Sonora
- conica* Easton 1944, *Palaeacis*  
Miss.: Missouri
- conicum* Castelnau 1843, *Cyathophyllum*  
Miss.: Illinois
- coniforme* Jeffords 1947, *Lophophyllidium*  
Penn.: Kansas, Missouri, Oklahoma
- connorsensis* Easton 1960, *Lithostrotion* [*Diphyphyllum*]  
Perm.: Nevada
- conoideum* Moore and Jeffords 1945, *Lophophyllidium*  
Penn.: Arkansas, Texas
- contortus* Easton 1962, *Fasciculiamplexus*  
Penn.?: Montana
- cooperi* Ross and Ross 1962, *Neokoninckophyllum*  
Penn.: Texas
- coralloides* Sowerby 1814, *Amplexus* (Milne-Edwards and Haime, 1851)  
Miss.: Illinois, New Mexico
- cordillerensis* Easton 1958, *Cyathaxonia*  
Miss.: Sonora
- cordillerensis* Easton, 1960, *Lonsdaleia*  
Perm.: California, Nevada

- corniculum* Miller 1891, *Amplexus*  
Miss.: Georgia, Missouri, Sonora
- cornucopiae* Michelin in Gervais 1840, *Caninia* (Sloss, 1945)  
Miss.: Montana
- corrugatus* Mather 1915, *Amplexus*  
Penn.: Arizona, Arkansas, Oklahoma, Texas
- crassa* McCoy 1844, *Jania* (Weller, 1909)  
Miss.: Missouri
- crassiseptatum* Moore and Jeffords 1945, *Hapsiphyllum*  
Penn.: Oklahoma
- crassum* Moore and Jeffords 1945, *Barytichisma*  
Penn.: Texas
- cumberlandica* Troost 1840, *Calamopora*  
Miss.: Tennessee
- cuneata* Snider 1915, *Palaeacis*  
Miss.: Arkansas, Oklahoma
- cuneatum* Meek and Worthen 1860, *Sphenopoterium*  
Miss.: Indiana
- cuneiformis* Milne-Edwards 1860, *Palaeacis*  
Miss.: Alabama, Indiana
- curva* Shimer 1926, *Aulopora*  
Miss.: Alberta
- cylindraceus* Worthen 1890, *Zaphrentis*  
Miss.: Illinois, Missouri
- cylindrica* Girty 1908, *Lindstroemia*  
Perm.: Texas
- cylindrica* Scouler in McCoy 1844, *Siphonophyllia* (Marcou, 1858)  
Miss.: New Mexico
- cylindricum* Dobrolyubova and Kabakovich 1948, *Axophyllum* (Cocke, 1970)  
Penn.: Kansas
- cylindricum* Girty 1915, *Axophyllum*  
Penn.: Missouri
- cymba* Seebach 1866, *Palaeacis*  
Miss.: Iowa
- cyndon* Rafinesque and Clifford 1820, *Turbinolia*  
Miss.: Kentucky, Pennsylvania (Pennsylvania record is probably Pennsylvanian)
- cystoides* Grabau in Greene 1901a, *Romingeria*  
Miss.: Indiana
- cystosum* Cocke 1970, *Neokoninckophyllum*  
Penn.: Kansas
- dalii* Milne-Edwards and Haime 1851, *Zaphrentis*  
Miss.: Alberta, Georgia, Illinois, Indiana, Iowa, Missouri
- dawsoni* Lambe 1899a, *Cyathophyllum*  
Miss.: Nova Scotia
- deciensis* Ross and Ross 1962, *Neokoninckophyllum*  
Perm.: Texas
- declinis* Miller 1891, *Zaphrentis*  
Miss.: Indiana
- delicata* Ross and Ross 1963, *Amplexocarinia*  
Penn. and Perm.: Texas

- delicatum* Bassler, 1937, *Hadrophyllum*  
Miss.: Kentucky
- deltense* Rowett 1969, *Auloclisia*  
Perm.: Alaska
- deminutivum* Easton 1944, *Metriophyllum*  
Miss.: Missouri
- densa* Carruthers 1908, *Zaphrentis* (Davis, 1956)  
Miss.: Utah
- densum* Moore and Jeffords 1945, *Lophotichium*  
Penn.: Oklahoma
- depressum* Meek and Worthen 1866, *Sphenopoterium*  
Miss.: Illinois
- dibolium* Cocke 1970, *Dibunophyllum*  
Penn.: Kansas, Oklahoma
- dilatata* Easton 1960, *Lithostrotion* [*Lithostrotionella*]  
Perm.: Nevada
- dilatatus* Easton 1945c, *Amplexus*  
Miss.: Illinois, Utah
- dingmanae* Nelson 1962a, *Syringopora*  
Miss.: Alberta
- disseptum* Sutherland 1954, *Zaphriphyllum*  
Miss.: Northwest Territories
- distinctum* Jeffords 1942, *Lophophyllidium*  
Penn.: Kansas
- distinctum* Moore and Jeffords 1941, *Leonardophyllum*  
Perm.: Texas
- distorta* Worthen in Worthen and Meek 1875, *Cyathaxonia*  
Penn.: Illinois, Missouri, Pennsylvania
- divergens* White 1877, *Favosites*  
Miss.: Arizona, Iowa
- drummondi* Nelson 1962a, *Syringopora*  
Miss.: Alberta
- dumosa* Hyde 1953, *Cladochonus*  
Miss.: Ohio
- dunbari* Moore and Jeffords 1941, *Lophophyllidium*  
Perm.: Kansas
- dunbari* Ross and Ross 1962, *Neokoninckophyllum*  
Penn.: Texas
- duncanae* Hoare 1964, *Acaciapora*  
Perm.: Nevada
- durhami* Langenheim and Tischler 1960, *Meniscophyllum*  
Miss.: California
- dutoi* Armstrong 1972a, *Lithostrotion* (*Siphonodendron*)  
Miss.: Alaska
- dux* Sutherland 1954, *Kakwiphyllum*  
Miss.: British Columbia, Nevada
- eastoni* Langenheim and Tischler 1960, *Ekvasophyllum*  
Miss.: California
- eastoni* Moore and Jeffords 1945, *Lophophyllidium*  
Penn.: Arkansas

- elegante* Cocke 1970, *Dibunophyllum*  
Penn.: Kansas
- eliasi* Moore and Jeffords 1941, *Lophamplexus*  
Perm.: Kansas, Oklahoma
- elkoensis* Hoare 1964, *Caninia*  
Perm.: Nevada
- elliptica* White, 1862, *Zaphrentis*  
Miss.: Arizona, Illinois, Iowa, Kentucky, Missouri
- elongatum* Jeffords 1942, *Lophophyllidium*  
Penn.: Oklahoma
- elpasoensis* Armstrong 1962, *Koninckophyllum*  
Penn.: Texas (A. K. Armstrong, oral commun., 1974)
- elyensis* Wilson and Langenheim 1962, *Eastonoides*  
Perm.: Nevada
- enclinetabulatum* Sutherland 1958, *Ekvasophyllum*  
Miss.: British Columbia
- enniskilleni* Milne-Edwards and Haime 1851, *Zaphrentis* (Sutherland, 1958)  
Miss.: Northwest Territories
- enorme* Meek and Worthen 1860, *Sphenopoterium*  
Miss and Devonian.: Indiana, Iowa, Missouri, New Mexico
- enormis* Easton 1945b, *Caninia*  
Miss.: Montana
- eugeneae* White 1884, *Michelinia*  
Penn.: Arkansas, Illinois, Indiana, Kansas, Missouri, Oklahoma
- eumetrium* Crickmay 1955, *Allotropiophyllum*  
Miss.: Alberta
- excavatum* Easton 1944, *Clinophyllum*  
Miss.: Missouri
- excavatum* Girty 1899, *Menophyllum*  
Miss.: Montana, Utah, Wyoming
- excavatum* Ulrich 1917, *Menophyllum*  
Miss.: Kentucky
- excentrica* Meek 1873, *Zaphrentis*  
Miss.: Montana, Nevada, Utah
- excentricus* Moore and Jeffords 1945, *Zaphrentoides*  
Penn.: Texas
- exigua* Miller 1891, *Zaphrentis*  
Miss.: Illinois, Kentucky, Missouri
- exiguum* Jeffords 1948, *Dibunophyllum*  
Penn.: Kansas
- exile* Moore and Jeffords 1945, *Lophophyllidium*  
Penn.: Oklahoma
- exilimura* Mather 1915, *Michelinia*  
Penn.: Oklahoma
- expansa* White 1880b, *Michilinia*  
Miss.: Alberta, Arizona, Iowa, Missouri, Utah
- expansum* Jeffords 1942, *Lophophyllidium*  
Penn.: Kansas, Missouri
- expansum* White 1876a, *Lophophyllum*  
Miss.: Iowa

- expansus* Easton 1945c, *Amplexus*  
Miss.: Oklahoma, Utah
- extumidum* Moore and Jeffords 1945, *Lophophyllidium*  
Penn.: Texas
- flaccida* Easton 1943b, *Caninia*  
Miss.: Alabama
- flexuosum* Warren 1927, *Lithostrotion* (equals *Diphyphyllum sinuosum*  
Kelly)  
Miss.: Alberta
- floriformis* Hayasaka 1936, *Lithostrotionella*  
Miss.: Alaska
- floriformis* d'Orbigny 1849, *Acrocyathus*  
Miss.: Indiana
- fragilis* Mather 1915, *Cladochonus*  
Penn.: Oklahoma, Texas
- fragilis* White and St. John 1867, *Amplexus*  
Miss.: Arkansas, Iowa, Missouri
- ftatateeta* McCutcheon and Wilson 1961, *Ptolemaia*  
Perm.: Nevada
- gabbi* Meek 1864, *Clisiophyllum*  
Perm.: California
- garnettense* Cocke 1970, *Geyerophyllum*  
Penn.: Kansas
- gasperense* Butts 1922, *Campophyllum*  
Miss.: Alabama, Georgia, Kentucky, Tennessee, Virginia
- genevievensis* Easton 1957, *Lithostrotion* [*Siphonodendron*]  
Miss.: Alberta, British Columbia, Kentucky
- geniculatus* Worthen 1890, *Amplexus*  
Miss.: Illinois, Kentucky, Utah
- geometrica* Girty 1899, *Aulopora*  
Miss.: Alberta, Montana, Wyoming
- gibsoni* White 1884, *Zaphrentis*  
Penn.: Arkansas, Colorado, Indiana, Oklahoma, Texas
- girtyi* Armstrong 1970, *Faberophyllum*  
Miss.: Alaska
- girtyi* Cocke 1970, *Geyerophyllum*  
Penn.: Kansas
- girtyi* Haack 1914, *Cyathaxonia*  
Perm.: Coahuila
- girtyi* Hayasaka 1936, *Lithostrotionella*  
Miss.: California, Illinois, Montana, Utah
- girtyi* Jeffords 1942, *Lophophyllidium*  
Penn.: Oklahoma
- girtyi* Moore and Jeffords 1941, *Heritschia*  
Perm.: Kansas
- glabrum* Keyes 1894, *Cyathophyllum*  
Miss.: Iowa, Missouri
- glans* White 1862, *Zaphrentis*  
Miss.: Iowa, Missouri
- goldcreekensis* Hoare 1964, *Caninia*  
Perm.: Nevada

- gorbyi* Miller 1891, *Leptopora*  
Miss.: Illinois, Iowa, Missouri, New Mexico
- grabaui* Greene 1901a, *Enallophyllum*  
Miss.: Indiana
- gracile* Moore and Jeffords 1945, *Neokoninckophyllum*  
Penn.: Texas
- gracilis* Keyes 1894, *Aulopora*  
Miss.: Iowa, Missouri
- gracilium* Hoare 1964, *Bradyphyllum*  
Perm.: Nevada
- grandis* Heritsch 1939, *Petalaxis* (Harker, 1960)  
Perm.: Northwest Territories (Arctic Islands)
- greenei* Rowley in Greene 1901b, *Blothrophyllum*  
Miss.: Indiana
- greeni* Rowley 1901, *Coleophyllum?*  
Miss.: Missouri
- hadrum* Jeffords 1947, *Lophophyllidium*  
Penn.: Kansas, Oklahoma
- hagei* Sutherland 1954, *Liardiphyllum*  
Miss.: Northwest Territories
- haimeanum* Ulrich 1917, *Menophyllum*  
Miss.: Kentucky
- hanseni* Wilson and Langenheim 1962, *Caninia*  
Perm.: Nevada
- hansoni* Cocke and Haynes 1973, *Dibunophyllum*  
Penn.: Oklahoma
- harkeri* Nelson 1962b, *Michelinia*  
Penn.: Yukon Territory
- harkeri* Sutherland 1958, *Ekvasophyllum?*  
Miss.: British Columbia
- harmodites* Milne-Edwards and Haime 1851, *Lithostrotion*  
(Type specimen is a Silurian coral from Lake Huron region. As commonly used, it equals *Lithostrotion* [*Siphonodendron*] *genevievensis* Easton 1957)  
Miss.: Idaho, Kentucky, Tennessee
- harveyi* White 1862, *Syringopora*  
Miss.: Alberta, Arizona, Iowa, Missouri
- heckeli* Cocke 1970, *Neokoninckophyllum*  
Penn.: Kansas
- hemisphaerica* Hayasaka 1936, *Lithostrotionella*  
Miss.: Idaho, Illinois, Kentucky, Missouri, Tennessee, Utah, Virginia, West Virginia
- hespere* Grove 1935, *Triplophyllum*  
Miss.: New Mexico
- hessensis* Ross and Ross 1962, *Dibunophyllum*  
Perm.: Texas
- hians* Easton 1944, *Rotiphyllum*  
Miss.: Missouri, Montana
- hillae* Wilson and Langenheim 1962, *Heritschioides*  
Perm.: Nevada

- hudsoni* Wilson and Langenheim 1962, *Orionastrea*  
Perm.: Nevada
- hypatae* Wilson 1963, *Multithecopora*  
Penn.: Nevada
- hystricosum* Cocke 1970, *Dibunophyllum*  
Penn.: Kansas
- ida* Winchell 1865, *Zaphrentis*  
Miss.: Indiana, Ohio, Tennessee
- idonium* Moore and Jeffords 1945, *Lophophyllidium*  
Penn.: Oklahoma, Texas
- ignekeensis* Armstrong 1972a, *Lithostrotion* (*Siphonodendron*)  
Miss.: Alaska
- ignotum* Moore and Jeffords 1945, *Lophophyllidium*  
Penn.: Oklahoma
- illinoisensis* Worthen 1890, *Zaphrentis*  
Miss.: Illinois, Iowa, Missouri
- illipahensis* Easton 1960, *Lonsdaleia*  
Perm.: Nevada
- immota* Moore and Jeffords 1945, *Striatopora*  
Penn.: Arkansas
- improcerum* Moore and Jeffords 1945, *Lophotichium*  
Penn.: Oklahoma
- imulum* Moore and Jeffords 1945, *Empodesma*  
Penn.: Texas
- inauditum* Moore and Jeffords 1945, *Dibunophyllum?*  
Penn.: Arizona, Oklahoma
- inclinatum* Parks 1951, *Ekvasophyllum*  
Miss.: Utah
- inconferta* Lonsdale 1845, *Stylastrea* (Salter, 1855)  
Perm.: Northwest Territories (Arctic Islands)
- inconstans* Easton and Gutschick 1953, *Lithostrotion* (*Diphyphyllum*)  
Miss.: Arizona, Utah
- incrassatum* Easton and Gutschick 1953, *Caninophyllum*  
Miss.: Arizona, California
- indianensis* Beede in Cumings and Beede 1906, *Michelinia*  
Miss.: Indiana
- indifferens* Sutherland 1958, *Amplexi-Zaphrentis*  
Miss.: Northwest Territories
- infundibulum* Worthen in Worthen and Meek 1875, *Azophyllum*  
Penn.: Illinois, Missouri
- invaginatatum* Easton 1958, *Cystelasma*  
Miss.: Sonora
- iovaensis* Worthen 1890, *Anisophyllum?*  
Miss.: Iowa
- irregularis* Cocke and Bowsheer 1968, *Sutherlandia*  
Penn.: Kansas, Oklahoma
- jagoensis* Armstrong 1972b, *Corwenia*  
Penn.: Alaska
- jasperensis* Kelly 1942, *Lithostrotionella*  
Miss.: Alberta, Nevada

- jewetti* Cocke 1970, *Geyerophyllum*  
Penn.: Kansas
- juddi* Thomson 1893, *Campophyllum* (Sloss, 1945)  
Miss.: Montana
- kansasense* Miller and Gurley 1893, *Campophyllum*  
Penn.: Missouri
- kansasense* Moore and Jeffords 1941, *Malonophyllum*  
Perm.: Kansas
- katoi* Rowett 1969, *Syringopora*  
Perm.: Alaska
- kingi* Jeffords 1955, *Palaeacis*  
Penn.: Texas
- kingi* Ross and Ross 1962, *Leonardophyllum*  
Penn.: Texas
- klawockensis* Armstrong 1970, *Diphyphyllum*  
Miss.: Alaska
- knoxi* Sutherland 1954, *Canadiphyllum*  
Miss.: British Columbia
- konincki* Milne-Edwards and Haime 1851, *Clisiophyllum* (Armstrong, 1962)  
Penn.: Texas (A. K. Armstrong, oral commun., 1974)
- kunthi* Stuckenberg 1888, *Petalaxis* (Harker, 1960)  
Perm.: Northwest Territories (Arctic Islands)
- lambarti* Harker and McLaren 1950, *Sciophyllum*  
Miss.: Alaska, Yukon Territory
- lambii* Bell 1929, *Dibunophyllum*  
Miss.: Nova Scotia
- lanceolatus* Worthen 1890, *Zaphrentis*  
Miss.: Alabama, Illinois, Indiana, Kentucky, Tennessee, Utah
- lanesvillense* Miller 1891, *Cystelasma*  
Miss.: Indiana
- languidum* Parks 1951, *Faberophyllum*  
Miss.: Utah
- lanosum* Jeffords 1947, *Lophophyllidium*  
Penn.: Texas
- latebrosa* Moore and Jeffords 1945, *Michelinia*  
Penn.: Arkansas, Oklahoma, Texas
- leathamense* Parks 1951, *Faberophyllum*  
Miss.: Utah
- lenis* Jeffords 1947, *Stereostylus*  
Penn.: Kansas, Missouri
- lepidus* Moore and Jeffords 1945, *Pseudozaphrentoides*  
Penn.: Texas
- leptosphragma* Armstrong 1962, *Michelinia*  
Miss.: Arizona, New Mexico
- linnensis* Cocke 1970, *Caninia*  
Penn.: Kansas
- lisburnensis* Armstrong 1972a, *Lithostrotion* (*Siphonodendron*)  
Miss.: Alaska
- lochmanae* Armstrong 1962, *Lithostrotionella*  
Miss.: Arizona, New Mexico

- longi* Rowley 1901, *Aulopora*  
Miss.: Missouri
- lutarius* Jeffords 1947, *Lophamplexus*?  
Penn.: Oklahoma
- macounii* Lambe 1899a, *Lithostrotion*  
Miss.: Alaska, British Columbia
- macrostoma* Römer 1883, *Monilopora*  
Miss.: Kentucky
- magnificum* Jeffords 1942, *Lophophyllidium*  
Penn.: Oklahoma
- magnussoni* Nelson 1962a, *Syringopora*  
Miss.: Alberta
- major* Easton 1943a, *Lonsdaleia*  
Miss.: Arkansas
- mamillaris* Castelnau 1843, *Astraea*  
Miss.: Alabama, California, Illinois, Indiana, Iowa, Kentucky, Michigan, Missouri, Tennessee, Virginia (California occurrence is probably Permian)
- mancus* Winchell 1865, *Favosites*?  
Miss.: Indiana
- mccutcheonae* Wilson and Langenheim 1962, *Syringopora*  
Perm.: Nevada
- mcfarlani* Ehlers and Stumm 1953, *Palaeostraea*  
Miss.: Kentucky
- mclareni* Sutherland 1958, *Lithostrotion* [*Lithostrotionella*] [*Thysanophyllum*]  
Miss.: Alaska, British Columbia
- meekana* Girty 1910, *Michelinia*  
Miss.: Arkansas, British Columbia, Oklahoma
- merriamorum* Langenheim and McCutcheon 1959, *Bayhaim*  
Perm.: California
- metum* Moore and Jeffords 1945, *Lophophyllidium*  
Penn.: Arkansas, Oklahoma
- micra* Kelly 1942, *Lithostrotionella*  
Miss.: Alberta
- microstylum* White, 1880b, *Lithostrotion*  
Miss.: Alberta, Iowa, Missouri
- nilichus* Jeffords 1947, *Stereostylus*  
Penn.: Kansas
- minas* Dawson 1868, *Zaphrentis*  
Miss.: Nova Scotia
- minatoi* Rowett 1969, *Sinopora*  
Perm.: Alaska
- minnewankensis* Shimer 1926, *Triplophyllum*  
Miss.: Alberta
- minor* Easton 1943a, *Lonsdaleia*  
Miss.: Arkansas
- minor* Weller 1909, *Cyathaxonia*  
Miss.: Arkansas, Missouri, Oklahoma, Texas, Utah
- minutum* Jeffords 1942, *Lophophyllidium*  
Penn.: Oklahoma

- minutum* Simpson 1900, *Meniscophyllum*  
Miss.: Missouri
- mirabile* Moore and Jeffords 1941, *Sochkineophyllum*  
Perm.: Kansas
- missouriensis* Fraunfelter 1965, *Dibunophyllum*  
Penn.: Missouri
- mokmokensis* Easton 1960, *Lithostrotion* [*Lithostrotionella*]  
Penn. or Perm.: Nevada
- monroense* Beede in Cumings and Beede 1906, *Syringopora*  
Miss.: Indiana
- montanensis* Easton 1962, *Caninia*  
Miss.: Montana
- moorei* Jeffords 1948, *Dibunophyllum*  
Penn.: Colorado, Oklahoma, Texas
- moorei* Wells 1944, *Striatopora*  
Penn.: Texas
- moormanensis* Stevens 1967, *Heritschioides* (*Eoheritschioides*)  
Perm.: Nevada
- morrowense* Rowett and Sutherland 1964, *Leonardophyllum*  
Penn.: Oklahoma
- mulleri* Wilson and Langeheim 1962, *Sciophyllum*  
Perm.: Nevada
- multattenuata* McChesney 1860, *Syringopora*  
Penn.: Illinois, Kansas, Missouri, Nebraska, Nevada, Oklahoma, Utah
- multiconum* Parks 1951, *Turbophyllum*  
Miss.: Utah
- multilamellata* Hall 1852, *Zaphrentis*  
Miss.: Utah
- multiradiata* Hayasaka 1936, *Lithostrotionella*  
Miss.: Idaho, Utah
- mundulum* Jeffords 1942, *Lophophyllidium*  
Penn.: Oklahoma
- murale* Jeffords 1942, *Lophophyllidium*  
Penn.: Kansas
- mutabile* Kelly 1942, *Diphyphyllum*  
Miss.: Alberta
- nasorakensis* Armstrong 1972a, *Diphyphyllum*  
Miss.: Alaska
- nauvoocense* Bassler 1937, *Hadrophyllum*  
Miss.: Illinois
- nevadense* Meek 1877, *Cyathophyllum* (*Campophyllum*?)  
Miss.: Utah
- nevadensis* Hoare 1964, *Cladochonus*  
Perm.: Nevada
- nevadaensis* Stevens 1967, *Kleopatrina* (*Porfirivella*)  
Perm.: Nevada
- newelli* Jeffords 1942, *Lophophyllidium*  
Penn.: Oklahoma
- niakensis* Armstrong 1972a, *Lithostrotionella*  
Miss.: Alaska

- nitellus* Moore and Jeffords 1945, *Pseudozaphrentoides*  
Penn.: Arizona, Oklahoma
- northropi* Armstrong 1962, *Amplexizaphrentis*  
Miss.: Arizona, New Mexico
- nunnensis* Armstrong 1962, *Hapsiphyllum*  
Miss.: New Mexico
- obtusum* Meek and Worthen 1860, *Sphenopoterium*  
Miss.: Illinois, Iowa, Missouri
- occidentale* Easton 1958, *Rotiphyllum*  
Miss.: Sonora
- occidentalis* Meek 1877, *Syringopora*  
Penn. or Perm.: Utah
- occidentalis* Merriam 1942, *Lithostrotion* (*Lithostrotionella*)  
Perm.: Oregon
- occidentalis* Sando 1963, *Aulina*  
Miss.: Arizona
- occultum* Parks 1951, *Faberophyllum*  
Miss.: Utah
- ochocoensis* Merriam 1942, *Waagenophyllum*  
Perm.: Oregon
- oculinum* Sando 1963, *Lithostrotion* (*Siphonodendron*)  
Miss.: Arizona
- ohioensis* Bebout 1966, *Stereostylus*  
Penn.: Ohio
- ohioensis* Stumm 1969, *Amplexizaphrentis*  
Miss.: Ohio
- oklahomense* Cocke 1966, *Dibunophyllum*  
Penn.: Oklahoma
- oklahomense* Rowett and Sutherland 1964, *Koninckophyllum*  
Penn.: Oklahoma
- oklahomensis* Snider 1915, *Pachypora*  
Penn.: Arkansas, Oklahoma
- oppelti* Greene 1900, *Zaphrentis*  
Miss.: Indiana
- ordinatus* Ross and Ross 1962, *Pseudozaphrentoides*  
Penn.: Texas
- oregonensis* Merriam 1942, *Dibunophyllum*  
Miss.: Oregon
- oregonensis* Merriam 1942, *Lithostrotion* (*Siphonodendron*)  
Miss.: Oregon
- orientale* Thomson 1880, *Thysanophyllum* (Armstrong, 1970b)  
Miss.: Alaska
- ovale* Bassler 1937, *Hadrophyllum*  
Miss.: Alabama, Georgia, Kentucky
- ovibos* Salter 1855, *Zaphrentis*  
Perm.: Northwest Territories (Arctic Islands)
- packardi* Merriam 1942, *Lithostrotion* (*Lithostrotion*)  
Miss.: Oregon
- palmatus* Easton 1944, *Triplophyllites*  
Miss.: Illinois

- panamintense* Langenheim and Tischler 1960, *Clisiophyllum?*  
Miss.: California
- pandatus* Jeffords 1947 *Stereostylus*  
Penn.: Kansas
- parva* Greene 1900, *Cyathaxonia*  
Miss.: Indiana
- parvum* Cocke 1969, *Dibunophyllum*  
Penn.: Kansas
- parvum* Stevens 1967, *Heritschioides* (*Eoheritschioides*)  
Perm.: Nevada
- patulum* Cocke 1970, *Geyerophyllum*  
Penn.: Kansas
- paucicinctus* Easton and Gutschick 1953, *Triplophyllites* (*Homalophyllum*)  
Miss.: Arizona, Utah
- paucitabulata* Moore and Jeffords 1945, *Multithecopora*  
Penn.: Texas
- pedunculatum* Bassler 1937, *Hadrophyllum*  
Miss.: Kentucky, Tennessee
- pelaeus* Jeffords 1947, *Stereostylus*  
Penn.: Kansas, Oklahoma
- pellaensis* Worthen 1890, *Zaphrentis*  
Miss.: Iowa, Kentucky
- penchiensis* Yoh 1927, *Multithecopora* (Nelson, 1962b)  
Penn.: Yukon Territory
- pennsylvanica* Shimer 1926, *Syringopora*  
Miss.: Alberta
- pennsylvanicum* Shimer 1926, *Lithostrotion*  
Miss.: Alaska, Alberta
- peratrovichensis* Armstrong 1970, *Lithostrotionella*  
Miss.: Alaska
- perelegans* Billings 1859, *Syringopora* (Davis, 1956)  
(Type specimen is Devonian)  
Miss.: Utah
- permiana* Girty 1908, *Lindstroemia*  
Perm.: Texas
- perplexum* Cocke 1969, *Dibunophyllum*  
Penn.: Kansas
- perplexum* Cocke 1970, *Neokoninckophyllum*  
Penn.: Kansas
- persimilis* Easton and Gutschick 1953, *Triplophyllites* (*Triplophyllites*)  
Miss.: Arizona
- perversus* Jeffords, 1947, *Stereostylus*  
Penn.: Kansas, Oklahoma
- petilum* Cocke 1970, *Neokoninckophyllum*  
Penn.: Kansas
- petoczi* Rowett 1969, *Caninia*  
Perm.: Alaska
- phainus* Jeffords 1947, *Stereostylus*  
Penn.: Kansas

- phractus* Jeffords 1947, *Lophamplexus*  
Penn.: Kansas
- pictoense* Billings in Dawson 1868, *Lithostrotion*  
Miss.: Nova Scotia
- pilata* Sutherland 1958, *Amplexi-Zaphrentis*  
Miss.: British Columbia
- pinnatus* Easton 1944, *Hapsiphyllum* (*Homalophyllites*)  
Miss.: Missouri
- pisgahense* Parks 1951, *Faberophyllum*  
Miss.: Utah
- placenta* White 1880b, *Michilinia?*  
Miss.: Missouri, Montana, Wyoming
- plummeri* Jeffords 1947, *Lophophyllidium*  
Penn.: Texas
- plummeri* Wells 1944, *Striatopora*  
Penn.: Texas
- princeps* Easton 1960, *Lithostrotion* [*Thysanophyllum*]  
Perm.: Nevada, Utah
- princetonensis* Ulrich 1917, *Menophyllum*  
Miss.: Georgia, Kentucky
- princetonensis* Ulrich 1905, *Michelinia*  
Miss.: Kentucky
- problematicum* Goldfuss 1826, *Pleurodictyum* (Winchell, 1870)  
(Type specimen is Devonian)  
Miss.: Ohio
- procera* Rowley 1901, *Leptopora*  
Miss.: Illinois, Missouri
- profunda* Milne-Edwards and Haime 1851, *Cyathaxonia*  
Penn.: Alberta, Arkansas, Colorado, Illinois, Iowa, Kansas, Kentucky,  
Michigan, Nebraska, Ohio, Oklahoma, Pennsylvania, Texas, West Vir-  
ginia (Alberta reference is Mississippian)
- prolifera* McChesney 1860, *Cyathaxonia*  
Penn.: Illinois, Indiana, Iowa, Missouri, Ohio, Oklahoma, Texas, Utah
- proliferum* Hall 1858, *Lithostrotion*  
Miss.: Alabama, Georgia, Illinois, Kentucky, Michigan, Tennessee, Utah,  
Virginia
- prona* Milne-Edwards 1860, *Zaphrentis*  
Miss.: Indiana
- prosseri* Beede 1898, *Aulopora*  
Penn.: Colorado, Kansas, Oklahoma
- proteus* Sutherland 1958, *Ekvasophyllum*  
Miss.: Northwest Territories
- quinqueseptatum* Ulrich 1905, *Cystelasma*  
Miss.: Alabama, Georgia, Kentucky, Virginia
- radiatum* Jeffords 1942, *Lophophyllidium*  
Penn.: Kansas
- radicosa* Ulrich 1917, *Zaphrentis*  
Miss.: Georgia, Kentucky
- radicosum* Girty 1912, *Lophophyllum*  
Penn.: Oklahoma, Texas

- radicula* Rowley 1900, *Zaphrentis*  
Miss.: Missouri
- radigerus* Rowley 1901, *Amplexus*  
Miss.: Missouri
- rainbowensis* Rowett 1969, *Timania*  
Perm.: Alaska
- ramosa* Rowley 1901, *Leptopora*  
Miss.: Illinois, Missouri
- ramulosa* Goldfuss 1826, *Syringopora* (Lambe, 1899b)  
Miss.: Alberta
- randolphensis* Fraunfelter 1970, *Dibunophyllum*  
Penn.: Missouri
- readi* Merriam 1942, *Campophyllum?*  
Miss.: Oregon
- referta* Moore and Jeffords 1945, *Michelinia*  
Penn.: Oklahoma, Texas
- reiseri* Armstrong 1973, *Lithostrotion*  
Miss.: Alaska
- religiosa* Moore and Jeffords 1945, *Striatopora*  
Penn.: Texas
- repletum* Moore and Jeffords 1945, *Barytichisma*  
Penn.: Texas
- reticulata* Goldfuss 1826, *Syringopora* (Lambe, 1899b)  
Miss. (?): British Columbia
- retusum* Moore and Jeffords 1945, *Hapsiphyllum*  
Penn.: Texas
- reversa* Worthen 1890, *Zaphrentis*  
Miss.: Illinois, Missouri, Utah
- rockfordensis* Miller and Gurley 1897, *Amplexus?*  
Miss.: Illinois, Indiana
- romingeri* Bassler 1937, *Hadrophyllum*  
Miss.: Kentucky
- rossi* Minato and Kato 1965, *Yabeiphyllum*  
Penn. or Perm.: Texas
- rudis* White and St. John 1867, *Axophyllum*  
Penn.: Kansas, Illinois, Indiana, Iowa, Missouri
- rudyi* Nelson 1962a, *Syringopora*  
Miss.: Alberta
- rugosum* Hall 1852, *Faviphyllum*  
Miss.: Utah
- rugosum* Ulrich 1905, *Cystelasma*  
Miss.: Indiana, Kentucky
- rugosus* Weller 1909, *Amplexus*  
Miss.: Arkansas, Missouri
- sana* Moore and Jeffords 1945, *Paracania?*  
Penn.: Texas
- sauridens* White 1875, *Lophophyllum*  
Penn.: Colorado, New Mexico
- schucherti* Heritsch 1936b, *Palaeosmitia*  
Perm.: Texas

- scopulosa* Moore and Jeffords 1945, *Michelinia*  
Penn.: Arizona, Arkansas, Oklahoma
- sedaliense* White 1880b, *Chonophyllum*  
Miss.: Iowa, Missouri
- semimuralis* Sando 1963, *Aulina*  
Miss.: Arizona
- seminolensis* Cocke and Bowsher 1968, *Sutherlandia*  
Penn.: Oklahoma
- septarugosum* Moore and Jeffords 1941, *Duplophyllum*  
Perm.: Texas
- septata* Greene 1901a, *Cystelasma*  
Miss.: Indiana
- shawi* Wilson and Langenheim 1962, *Cladochonus*  
Perm.: Nevada
- shimeri* Crickmay 1955, *Lonsdaleia*  
Miss.: Alberta, Arizona
- simplex* Hayasaka 1936, *Lithostrotionella*  
Miss.: Utah, Wyoming
- simplex* Moore and Jeffords 1945, *Neokoninckophyllum*  
Penn.: Oklahoma
- simulans* Moore and Jeffords 1941, *Timorphyllum*  
Perm.: Texas
- sinuosum* Kelly 1942, *Diphyphyllum*  
Miss.: Alaska, Alberta
- skinneri* Heritsch 1937, *Texanophyllum* (nomen nudum)  
Perm.: Texas
- skinneri* Ross and Ross 1962, *Lophophyllidium*  
Perm.: Texas
- solidum* Ross and Ross 1962, *Lophophyllidium*  
Penn. and Perm.: Texas
- sonoraensis* Armstrong 1962, *Amplexizaphrentis*  
Miss.: Arizona, New Mexico
- sonorensis* Easton 1958, *Caninophyllum*  
Miss.: Sonora
- spanius* Jeffords 1947, *Lophamplexus*  
Penn.: Oklahoma
- spatiosus* Moore and Jeffords 1945, *Pseudozaphrentoides*  
Penn.: Texas
- spergenensis* Worthen 1890, *Zaphrentis*  
Miss.: Illinois, Indiana, Iowa, Missouri
- spinosum* Jeffords 1947, *Lophophyllidium*  
Penn.: Texas
- spinulata* Girty 1908, *Cladopora*  
Perm.: Coahuila, Texas
- spinulifera* Hall 1858, *Zaphrentis*  
Miss.: Illinois, Iowa
- spinulosa* Milne-Edwards and Haime 1851, *Zaphrentis*  
Miss.: Alabama, Arkansas, Georgia, Iowa, Michigan, Missouri, Montana, Oklahoma, Virginia

- spissata* Moore and Jeffords 1945, *Michelinia*  
Penn.: Arkansas, Oklahoma
- spissata* Moore and Jeffords 1945, *Stereocorypha*  
Penn.: Oklahoma
- stansburyi* Hall 1852, *Zaphrentis*  
Miss.: Idaho, New Mexico, Utah
- stelcki* Nelson 1960, *Lithostrotionella*  
Miss.: Alberta, British Columbia
- stokesi* Milne-Edwards and Haime 1851, *Lithostrotion*  
(Originally described as Carboniferous from Manitoba.  
Type specimen is a drift specimen derived from Devonian (Easton and Oliver, 1973))
- striatissimus* Easton 1946, *Cladochonus*  
Miss.: Missouri
- striatum* Rowett 1969, *Cryptophyllum*  
Penn.: Alaska
- striatus* Easton 1944, *Cladochonus* (equals *C. striatissimus* Easton, 1946)  
Miss.: Missouri
- strimpei* Cocke and Molinary 1973, *Neokoninckophyllum*  
Penn.: Oklahoma
- stuarti* Nelson 1962b, *Favosites?*  
Perm.: Yukon Territory
- sturgeonii* Bebout 1966, *Stereostylus*  
Penn.: Ohio
- subcaespitosum* Meek 1873, *Cyathophyllum*  
Miss.: Idaho, Nevada
- subcrassus* Easton and Gutschick 1953, *Triplophyllites* (*Homalophyllum*)  
Miss.: Arizona, Utah
- subcylindrica* Mather 1915, *Michelinia*  
Penn.: Oklahoma
- sublaeve* Meek 1864, *Lithostrotion*  
Perm.: California
- subramosa* Ulrich 1905, *Michelinia*  
Miss.: Georgia, Kentucky
- subramosum* Easton 1958, *Pleurodictyum*  
Miss.: Sonora
- succinctus* Armstrong 1970, *Lithostrotion* (*Siphonodendron*)  
Miss.: Alaska
- summitensis* Rowett 1969, *Heritschioides*  
Perm.: Alaska
- surcularia* Girty 1899, *Syringopora*  
Miss.: Alberta, Arizona, Colorado, Iowa, Montana, New Mexico, Utah,  
Wyoming
- sutherlandi* Armstrong 1962, *Vesiculophyllum*  
Miss.: New Mexico
- sutherlandi* Rowett 1969, *Durhamina*  
Perm.: Alaska
- tabularia* Hoare 1964, *Cornwallia*  
Perm.: Nevada
- tabulata* Hayasaka 1936, *Lithostrotionella*  
Miss.: Idaho

- tabulatum* Beede in Cumings and Beede 1906, *Cystelasma*  
Miss.: Indiana
- talonatum* Easton 1943a, *Koninckophyllum*  
Miss.: Arkansas
- tantilla* Miller 1891, *Zaphrentis*  
Miss.: Colorado, Illinois, Iowa, Missouri
- taylori* Sutherland 1958, *Amplexi-Zaphrentis*  
Miss.: British Columbia, Northwest Territories
- tenella* Miller 1891, *Zaphrentis*  
Miss.: Missouri, Sonora
- tennesseense* Miller and Gurley 1895, *Hadrophyllum*  
Miss.: Alabama, Tennessee
- tennesseensis* Easton 1943b, *Caninia*  
Miss.: Tennessee
- tenuicula* Moore and Jeffords 1945, *Michelinia*  
Penn.: Oklahoma
- teres* Girty 1899, *Clisiophyllum*  
Miss.: Arizona, New Mexico, Wyoming
- tergidus* Ross and Ross 1962, *Stereostylus*  
Perm.: Texas
- testata* Moore and Jeffords 1945, *Palaeacis*  
Penn.: Texas
- texanum* Heritsch 1936a, *Waagenophyllum*  
Perm.: Texas
- texanum* Moore and Jeffords 1945, *Rodophyllum*  
Penn.: Texas
- texanum* Okulitch and Albritton 1937, *Malonophyllum*  
Perm.: Texas
- texanum* Shumard 1859, *Campophyllum?*  
Perm.: Texas
- texasensis* Moore and Jeffords 1945, *Cladochonus*  
Penn.: Oklahoma, Texas
- torquium* Owen 1852, *Campophyllum*  
Penn.: Alberta, Arizona, Arkansas, Colorado, Illinois, Indiana, Iowa,  
Kansas, Missouri, Nebraska, Nevada, Oklahoma
- trachyporoides* Wells 1944, *Striatopora*  
Penn.: Texas
- trigonalis* Easton 1945a, *Kinkaidia*  
Miss.: Arkansas, Illinois
- trojana* Easton 1960, *Caninia*  
Penn.: Nevada
- tschernyschewi* Minato 1960, *Ipciphyllum*  
Perm.: Northwest Territories (Arctic Islands)
- tubifera* Easton 1958, *Syringopora*  
Miss.: Sonora
- tubifera* Hayasaka 1936 *Lithostrotionella*  
Miss.: Montana
- tubulata* Girty 1908, *Cladopora?*  
Perm.: Texas
- tumida* Easton 1962, *Longiclava*  
Miss.: Montana

- tumidum* Moore and Jeffords 1945, *Hapsiphyllum*  
Penn.: Texas
- tumulus* Salter 1855, *Clisiophyllum*  
Perm.: Northwest Territories (Arctic Islands)
- turbinata* Billings 1859, "*Favosites*" (Allen and Lester, 1954)  
(Type specimen is Devonian)  
Miss.: Georgia
- turbineum* Parks 1951, *Ekvasophyllum*  
Miss.: Utah
- tushanense* Chi 1931, *Koninekophyllum* (Cocke, 1970)  
Penn.: Kansas, Oklahoma
- typha* Winchell 1863, *Leptopora*  
Miss.: Illinois, Iowa, Missouri, New Mexico
- typicum* Sando 1961, *Ankhelasma*  
Miss.: Utah
- uddeni* Ross and Ross 1963, *Dibunophyllum*  
Penn.: Texas
- ulius* Jeffords 1947, *Lophamplexus*  
Penn.: Kansas, Missouri
- ulrichanum* Girty 1903, *Menophyllum*  
Miss.: Arizona, Colorado
- ulrichi* Worthen 1890, *Zaphrentis*  
Miss.: Kentucky
- umbonata* Seebach 1866, *Palaeacis*  
Miss.: Iowa
- vagus* Jeffords 1947, *Lophamplexus*  
Penn.: Kansas, Oklahoma
- valeriae* Newell 1935, *Dibunophyllum*  
Penn.: Kansas, Oklahoma
- vallum* Hoare 1966, *Bayhaium*  
Perm.: Nevada
- vallum* Ross and Ross 1962, *Lophophyllidium*  
Penn.: Texas
- valmeyerensis* Weller 1909, *Favosites*  
Miss.: Missouri, Ohio
- variabile* Cocke 1970, *Neokoninekophyllum*  
Penn.: Kansas
- variabilis* Easton 1943a, *Caninostratium*  
Miss.: Arkansas, Illinois
- varsoviensis* Worthen 1890, *Zaphrentis*  
Miss.: Illinois, Iowa
- venosum* Armstrong 1970, *Diphyphyllum*  
Miss.: Alaska
- venusta* Greene 1904b, *Cyathaxonia*  
Miss.: Indiana
- venusta* Moore and Jeffords 1945, *Acaciapora*  
Penn.: Texas
- vermicularis* Rowley 1901, *Amplexus*  
Miss.: Missouri
- verneulanum* Milne-Edwards and Haime 1851, *Baryphyllum*  
Miss.: Tennessee

- verneuianum* Milne-Edwards and Haime 1851, *Trochophyllum*  
Miss.: Kentucky
- verticillata* Goldfuss 1826, *Syringopora* (Davis, 1956)  
(Type specimen is Silurian)  
Miss.: Utah
- verticillatum* Barbour 1911, *Craterophyllum*  
Penn.: Nebraska
- veryi* Greene 1904a, *Lithodrumus*  
Miss.: Kentucky
- vescum* Moore and Jeffords 1945, *Lophotichium*  
Penn.: Arkansas, Oklahoma
- vesicularis* Hayasaka 1936, *Lithostrotionella*  
Miss.: Alaska
- vesiculosum* Easton 1958, *Rotiphyllum*  
Miss.: Sonora
- vidriensis* Ross and Ross 1962, *Lophophyllidium*  
Perm.: Texas
- virginica* Butts 1941, *Syringopora*  
Miss.: Alberta, British Columbia, Georgia, Virginia
- wahooensis* Armstrong 1972b, *Lithostrotionella*  
Penn.: Alaska
- walcotti* Moore and Jeffords 1945, *Palaeacis*  
Penn.: Texas
- wannensis* Newell 1935, *Zaphrentis*  
Penn.: Oklahoma
- wardi* Howell 1945, *Gymnophyllum*  
Penn.: Oklahoma
- warreni* Nelson 1960, *Lithostrotion*  
Miss.: Alaska, Alberta
- washburni* Merriam 1942, *Waagenophyllum*  
Perm.: Oregon
- welleri* Grove 1935, *Triplophyllum*  
Miss.: Missouri
- westii* Beede 1898, *Amplexus*  
Penn.: Kansas, Missouri
- wewokanum* Jeffords 1947, *Lophophyllidium*  
Penn.: Oklahoma
- whitfieldi* White 1874, *Favosites* (equals *F. divergens* White)  
Miss.: Arizona
- whitneyi* Meek 1877, *Lithostrotion*  
Miss.: Alberta, Utah
- whitneyi* White 1875, *Lithostrotion*  
Penn.(?): Nevada
- williamsi* Armstrong 1970, *Faberophyllum*  
Miss.: Alaska
- williamsi* Greene 1899b, *Michelinia*  
Miss.: Indiana
- wilsonae* Sutherland 1958, *Paracaninia*?  
Miss.: Northwest Territories
- wilsoni* Minato and Kato 1965, *Kleopatrina* (*Kleopatrina*)  
Perm.: Nevada

- wimani* Heritsch 1939, *Roemeripora* (Harker, 1960)  
Perm.: Northwest Territories (Arctic Islands)
- winchelli* Rowley 1900, *Cyathaxonia*  
Miss.: Missouri
- winchelli* White 1879, *Leptopora*  
(Originally described as from Carboniferous of Utah.  
Type specimen is a coral of Ordovician or Silurian age (Sando, 1965))
- woodi* Wilson and Langenheim 1962, *Heritschioides*  
Perm.: Nevada
- wortheni* Weller 1909, *Zaphrentis* (equals *Triplophyllum welleri* Grove)  
Miss.: Iowa, Kentucky, Missouri
- yandelli* Milne-Edwards and Haime 1851, *Amplexus*  
Devonian and Miss. (?) : Missouri
- zaphrentiformis* Greene 1901a, *Bordenia*  
Miss.: Indiana, Kentucky
- zaphrentiformis* White 1876b, *Amplexus*  
Penn.: Colorado, Utah

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