BRAGEN LIST established by Rex Doescher JAN 19,1996 13:38

GENUS

AUTHOR

DATE

RANGE

SUPERFAMILY: ACROTRETACEA

ACROTHELE LINNARSSON 1876

CAMBRIAN

ACROTHYRA MATTHEW 1901

CAMBRIAN

AKMOLINA POPOV & HOLMER 1994

CAMBRIAN

AMICTOCRACENS HENDERSON & MACKINNON 1981

CAMBRIAN

ANABOLOTRETA ROWELL & HENDERSON 1978

CAMBRIAN

ANATRETA MEI 1993

CAMBRIAN

ANELOTRETA PELMAN 1986

CAMBRIAN

ANGULOTRETA PALMER 1954

CAMBRIAN

APHELOTRETA ROWELL 1980

CAMBRIAN

APSOTRETA PALMER 1954

CAMBRIAN

BATENEVOTRETA USHATINSKAIA 1992

CAMBRIAN

BOTSFORDIA MATTHEW 1891

CAMBRIAN

BOZSHAKOLIA USHATINSKAIA 1986

CAMBRIAN

CANTHYLOTRETA ROWELL 1966

CAMBRIAN

CERATRETA BELL 1941

CAMBRIAN

CURTICIA WALCOTT 1905

CAMBRIAN

DACTYLOTRETA ROWELL & HENDERSON 1978

CAMBRIAN

DEARBORNIA WALCOTT 1908

CAMBRIAN

DIANDONGIA RONG 1974

CAMBRIAN

DICONDYLOTRETA MEI 1993

CAMBRIAN

DISCINOLEPIS WAAGEN 1885

CAMBRIAN

DISCINOPSIS MATTHEW 1892

CAMBRIAN

EDREJA KONEVA 1979

CAMBRIAN

EOSCAPHELASMA KONEVA & AL 1990

CAMBRIAN

EOTHELE ROWELL 1980

CAMBRIAN

ERBOTRETA HOLMER & USHATINSKAIA 1994

CAMBRIAN

GALINELLA POPOV & HOLMER 1994

CAMBRIAN

GLYPTACROTHELE TERMIER & TERMIER 1974

CAMBRIAN

GLYPTIAS WALCOTT 1901

CAMBRIAN

HADROTRETA ROWELL 1966

CAMBRIAN

HOMOTRETA BELL 1941

CAMBRIAN

KARATHELE KONEVA 1986

CAMBRIAN

KLEITHRIATRETA ROBERTS 1990

CAMBRIAN

KOTUJOTRETA USHATINSKAIA 1994

CAMBRIAN

KOTYLOTRETA KONEVA 1990

CAMBRIAN

LAKHMINA OEHLERT 1887

CAMBRIAN

LINNARSSONELLA WALCOTT 1902

CAMBRIAN

LINNARSSONIA WALCOTT 1885

CAMBRIAN

LONGIPEGMA POPOV & HOLMER 1994

CAMBRIAN

LUHOTRETA MERGL & SLEHOFEROVA 1990

CAMBRIAN

MOBERGIA REDLICH 1899

CAMBRIAN

NEOBOLUS WAAGEN 1885

CAMBRIAN

NEOTRETA SOBOLEV 1976

CAMBRIAN

OLENTOTRETA KONEVA & AL 1990

CAMBRIAN

OPISTHOTRETA PALMER 1954

CAMBRIAN

PEGMATRETA BELL 1941

CAMBRIAN

PHYSOTRETA ROWELL 1966

CAMBRIAN

PICNOTRETA HENDERSON & MACKINNON 1981

CAMBRIAN

PROTOTRETA BELL 1938

CAMBRIAN

QUADRISONIA ROWELL & HENDERSON 1978

CAMBRIAN

REDLICHELLA WALCOTT 1908

CAMBRIAN

RHONDELLINA ROWELL 1986

CAMBRIAN

SATPAKELLA KONEVA & AL 1990

CAMBRIAN

SCHIZOPHOLIS WAAGEN 1885

CAMBRIAN

SPINULOTHELE ROWELL 1977

CAMBRIAN

STILPNOTRETA HENDERSON & MACKINNON 1981

CAMBRIAN

TOBEJALOTRETA KONEVA & AL 1990

CAMBRIAN

TREPTOTRETA HENDERSON & MACKINNON 1981

CAMBRIAN

VANDALOTRETA MERGL 1988

CAMBRIAN

ACROTRETA KUTORGA 1848

CAMBRIAN-ORDOVICIAN

CONODISCUS ULRICH & COOPER 1936

CAMBRIAN-ORDOVICIAN

CONCAVISEPTUM BROCK, ENGELBRETSEN & DEAN-JONES

1995

DEVONIAN

OPSICONIDION LUDVIGSEN 1974

DEVONIAN

AKTASSIA POPOV 1976

ORDOVICIAN

BIERNATIA HOLMER 1989

ORDOVICIAN

CLISTOTREMA ROWELL 1963

ORDOVICIAN

CONOTRETA WALCOTT 1889

ORDOVICIAN

CRISTICOMA POPOV 1980

ORDOVICIAN

CYRTONOTRETA HOLMER 1989

ORDOVICIAN

DISCOTRETA ULRICH & COOPER 1936

ORDOVICIAN

DITRETA BIERNAT 1973

ORDOVICIAN

EPHIPPELASMA COOPER 1956

ORDOVICIAN

EURYTRETA ROWELL 1966

ORDOVICIAN

FASCICOMA POPOV 1980

ORDOVICIAN

HANSOTRETA KRAUSE & ROWELL 1975

ORDOVICIAN

HISINGERELLA HENNINGSMOEN 1948

ORDOVICIAN

ISSEDONIA POPOV 1980

ORDOVICIAN

KEYSERLINGIA PANDER 1861

ORDOVICIAN

LURGITICOMA POPOV 1980

ORDOVICIAN

MAMATIA POPOV & HOLMER 1994

ORDOVICIAN

MYLLOCONOTRETA WILLIAMS & CURRY 1985

ORDOVICIAN

MYOTRETA GORJANSKY 1969

ORDOVICIAN

NUMERICOMA POPOV 1980

ORDOVICIAN

ORBITHELE SDZUY 1955

ORDOVICIAN

OTTENBYELLA POPOV & HOLMER 1994

ORDOVICIAN

PARATRETA BIERNAT 1973

ORDOVICIAN

POLYLASMA POPOV 1980

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POMERANIOTRETA BEDNARCZYK 1986

ORDOVICIAN

RHINOTRETA HOLMER 1986

ORDOVICIAN

RHYSOTRETA COOPER 1956

ORDOVICIAN

SASYKSORIA POPOV & HOLMER 1994

ORDOVICIAN

SCAPHELASMA COOPER 1956

ORDOVICIAN

SCHIZOTRETOIDES TERMIER & MONOD 1978

ORDOVICIAN

SEMITRETA BIERNAT 1973

ORDOVICIAN

SPONDYLOTRETA COOPER 1956

ORDOVICIAN

TORYNELASMA COOPER 1956

ORDOVICIAN

UNDIFERINA COOPER 1956

ORDOVICIAN

VELISEPTUM POPOV 1976

ORDOVICIAN

ACROTRETELLA IRELAND 1961

SILURIAN

ARTIOTRETA IRELAND 1961

SILURIAN

ESCHATELASMA POPOV 1981

SILURIAN

CAENOTRETA COCKS 1979

SILURIAN-DEVONIAN

SUPERFAMILY: ATHYRIDACEA

NORDATHYRIS GRUNT 1977

CARBONIFEROUS

PSEUDOPENTAGONIA BESNOSSOVA 1963

CARBONIFEROUS

RAWDONIA PEOU 1979

CARBONIFEROUS

SEMINULA MCCOY 1844

CARBONIFEROUS

TULATHYRIS GRUNT 1976

CARBONIFEROUS

ALVAREZITES STRUVE 1992

DEVONIAN

ANATHYRELLA KHALFIN 1960

DEVONIAN

ANATHYRIS PEETZ 1901

DEVONIAN

ATHYRIS MCCOY 1844

DEVONIAN

ATRYTHYRIS STRUVE 1965

DEVONIAN

BRUNTONITES STRUVE 1992

DEVONIAN

BUCHANATHYRIS TALENT 1956

DEVONIAN

CHARIONELLA BILLINGS 1861

DEVONIAN

CHARIONOIDES BOUCOT, JOHNSON & STATON 1964

DEVONIAN

COLONGINA BREIVEL & BREIVEL 1970

DEVONIAN

CRINISARINA COOPER & DUTRO 1982

DEVONIAN

DICAMARA HALL & CLARKE 1893

DEVONIAN

DICHOZYGOPLEURA RENOUF 1972

DEVONIAN

DOGDATHYRIS BARANOV 1994

DEVONIAN

EIFYRIS STRUVE 1992

DEVONIAN

EOBIERNATELLA BALINSKI 1995

DEVONIAN

GONATHYRIS BARANOV 1994

DEVONIAN

GONIOCOELIA HALL 1861

DEVONIAN

GUAXA GARCIA-ALCALDE 1986

DEVONIAN

HELENATHYRIS ALEKSEEVA 1969

DEVONIAN

HEXARHYTIS ALVAREZ 1990

DEVONIAN

IMDENTISTELLA GRUNT 1991

DEVONIAN

JOHNSONATHYRIS SAVAGE, EBERLEIN & CHURKIN

1978

DEVONIAN

LEPTATHYRIS SIEHL 1962

DEVONIAN

MERISTELLA HALL 1860

DEVONIAN

MERISTELLOIDES ISAACSON 1977

DEVONIAN

MERISTOSPIRA GRABAU 1910

DEVONIAN

PACHYPLAX ALVAREZ & BRUNTON 1990

DEVONIAN

PARAMERISTA SU 1976

DEVONIAN

PENTAGONIA COZZENS 1846

DEVONIAN

PLANCELLA AMSDEN 1985

DEVONIAN

PLICATHYRIS KHALFIN 1946

DEVONIAN

PRADOIA COMTE 1938

DEVONIAN

SEDJULINA LJASCHENKO 1985

DEVONIAN

SEPTATHYRIS BOUCOT, JOHNSON & STATON 1964

DEVONIAN

SPHAERATHYRIS BARANOV 1994

DEVONIAN

SULCATHYRIS DURKOOP 1970

DEVONIAN

SVETLANIA BARANOV 1982

DEVONIAN

TRIATHYRIS COMTE 1938

DEVONIAN

TYRGANIELLA KULKOV 1970

DEVONIAN

ZONATHYRIS STRUVE 1992

DEVONIAN

PERIHUSTEDIA XU 1991

DEVONIAN

CAMAROPHORELLA HALL & CLARKE 1893

DEVONIAN-MISSISSIPP

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CAMAROSPIRA HALL & CLARKE 1893

DEVONIAN-MISSISSIPP

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COMPOSITA BROWN 1849

DEVONIAN-PERMIAN

ACTINOCONCHUS MCCOY 1844

MISSISSIPPIAN

CARDIOTHYRIS ROBERTS 1971

MISSISSIPPIAN

DENSALVUS CARTER 1991

MISSISSIPPIAN

FLEXATHYRIS GRUNT 1980

MISSISSIPPIAN

GALEATATHYRIS JIN 1983

MISSISSIPPIAN

IMACANTHYRIS GRUNT 1991

MISSISSIPPIAN

INIATHYRIS BESNOSSOVA 1963

MISSISSIPPIAN

LAMELLOSATHYRIS JIN & FANG 1983

MISSISSIPPIAN

LEIOTHYCRIDINA GRUNT 1980

MISSISSIPPIAN

LOCHENGIA GRABAU 1929

MISSISSIPPIAN

PLANALVUS CARTER 1971

MISSISSIPPIAN

ROWLEYELLA WELLER 1911

MISSISSIPPIAN

SIKASELLA NALIVKIN 1979

MISSISSIPPIAN

ULDZIATHYRIS GRUNT 1977

MISSISSIPPIAN

CLEIOTHYRIDINA BUCKMAN 1906

MISSISSIPPIAN-PERMI

AN

APHEATHYRIS FU 1982

ORDOVICIAN

CYCLORHYNCHIA BARANOV 1994

ORDOVICIAN

PLECTOTHYRELLA TEMPLE 1965

ORDOVICIAN

WEIBEIA FU 1980

ORDOVICIAN

CRYPTOTHYRELLA COOPER 1942

ORDOVICIAN-SILURIAN

HYATTIDINA SCHUCHERT 1913

ORDOVICIAN-SILURIAN

ORNOTHYRELLA HAVLICEK 1971

ORDOVICIAN-SILURIAN

DELTACHANIA WATERHOUSE 1971

PENNSYLVANIAN

ALATOTHYRIS WATERHOUSE & GUPTA 1986

PERMIAN

ARAXATHYRIS GRUNT 1965

PERMIAN

BAJTUGANIA GRUNT 1980

PERMIAN

CLEIOTHYRIDELLINA WATERHOUSE 1978

PERMIAN

CRYPTOSPIRIFER GRABAU 1931

PERMIAN

GRUNTALLINA WATERHOUSE & GUPTA 1986

PERMIAN

HIMATHYRIS WATERHOUSE 1986

PERMIAN

JANICEPS FRECH 1901

PERMIAN

JUXATHYRIS LIANG 1990

PERMIAN

KINTATHYRIS SHI & WATERHOUSE 1991

PERMIAN

LAMMELLOSATHYRIS CHING & FANG 1983

PERMIAN

PINEGATHYRIS GRUNT 1980

PERMIAN

POSICOMTA GRUNT 1986

PERMIAN

RECTAMBITUS XU AND GRANT 1994

PERMIAN

SEPTOSPIRIGERELLA GRUNT 1965

PERMIAN

SPIRIGERELLA WAAGEN 1883

PERMIAN

SPITISPIRIFER WATERHOUSE & GUPTA 1986

PERMIAN

TITANOTHYRIS CHING & HU 1982

PERMIAN

XENOSARIA COOPER & GRANT 1976

PERMIAN

ARCTOMERISTINA AMSDEN 1978

SILURIAN

ARGELLA MENAKOVA & NIKIFOROVA 1986

SILURIAN

DICAMAROPSIS AMSDEN 1968

SILURIAN

DIDYMOTHYRIS RUBEL & MODZALEVSKAJA 1967

SILURIAN

GLASSINA HALL & CLARKE 1893

SILURIAN

GREENFIELDIA GRABAU 1910

SILURIAN

HINDELLA DAVIDSON 1882

SILURIAN

JAROVATHYRIS HAVLICEK 1987

SILURIAN

KOIGIA MODZALEVSKAJA 1985

SILURIAN

KOZLENIA HAVLICEK 1987

SILURIAN

PSEUDOMERISTINA GRUNT 1991

SILURIAN

PSEUDOPROTATHYRIS MODZALEVSKAJA 1979

SILURIAN

TSCHATKALIA NIKIFOROVA 1964

SILURIAN

CAMARIUM HALL 1859

SILURIAN-DEVONIAN

COLLAROTHYRIS MODZALEVSKAJA 1970

SILURIAN-DEVONIAN

MERISTA SUESS 1851

SILURIAN-DEVONIAN

MERISTINA HALL 1867

SILURIAN-DEVONIAN

PROTATHYRIS KOZLOWSKI 1929

SILURIAN-DEVONIAN

WHITFIELDELLA HALL & CLARKE 1893

SILURIAN-DEVONIAN

WHITFIELDIA DAVIDSON 1882

SILURIAN-DEVONIAN

NUCLEOSPIRA HALL 1859

SILURIAN-PERMIAN

AMPHITOMELLA BITTNER 1890

TRIASSIC

ANISACTINELLA BITTNER 1890

TRIASSIC

ANOMACTINELLA BITTNER 1890

TRIASSIC

COMPOSITELLA XU & LIU 1983

TRIASSIC

DICTYONATHYRIS XU 1978

TRIASSIC

DIORISTELLA BITTNER 1890

TRIASSIC

DIPLOSPIRELLA BITTNER 1890

TRIASSIC

EURACTINELLA BITTNER 1890

TRIASSIC

MAJKOPELLA MOISSEIEV 1962

TRIASSIC

OCHOTATHYRIS DAGYS 1974

TRIASSIC

OXYCOLPELLA DAGYS 1962

TRIASSIC

PENTACTINELLA BITTNER 1890

TRIASSIC

PEXIDELLA BITTNER 1890

TRIASSIC

QINGTHYRIS XU & LIU 1983

TRIASSIC

SPIRIGERELLINA DAGYS 1974

TRIASSIC

STOLZENBURGIELLA BITTNER 1903

TRIASSIC

TETRACTINELLA BITTNER 1890

TRIASSIC

SUPERFAMILY: ATHYRISINACEA

ATHYRISINA HAYASAKA 1922

DEVONIAN

ATHYRISINOPSIS ZHANG 1983

DEVONIAN

DZIEDUSZYCKIA SIEMIRADZKI 1909

DEVONIAN

NEOATHYRISINA CHEN 1990

DEVONIAN

PARATHYRISINA WANG 1974

DEVONIAN

PSEUDOATHYRISINA CHEN 1979

DEVONIAN

PSEUDOKYMATOTHYRIS CHEN 1979

DEVONIAN

QINLINGIA RONG, ZHANG & CHEN 1987

DEVONIAN

UNCINELLA WAAGEN 1883

PERMIAN

ATHYRISINOIDES JIANG 1978

SILURIAN

DABASHANOSPIRA FU 1982

SILURIAN

GANNANIA FU 1982

SILURIAN

GISSARINA MENAKOVA & NIKIFOROVA 1986

SILURIAN

METATHYRISINA RONG & YANG 1981

SILURIAN

PROTATHYRISINA CHU 1974

SILURIAN

PSEUDOHOMEOSPIRA NIKIFOROVA 1970

SILURIAN

SQUAMATHYRIS MODZALEVSKAJA 1981

SILURIAN

STEGOSPIRA FU 1982

SILURIAN

MOLONGIA MITCHELL 1921

SILURIAN-DEVONIAN

MISOLIA SEIDLITZ 1913

TRIASSIC

SUPERFAMILY: ATRYPACEA

ADAPTATRYPA STRUVE 1980

DEVONIAN

ANATRYPA NALIVKIN 1941

DEVONIAN

ANULATRYPA HAVLICEK 1987

DEVONIAN

ARANEATRYPA HAVLICEK 1987

DEVONIAN

ATLANTICOCOELIA KOCH 1981

DEVONIAN

ATRYPARIA COPPER 1966

DEVONIAN

ATRYPUNCULUS HAVLICEK 1987

DEVONIAN

CARINATINA NALIVKIN 1930

DEVONIAN

CARINATINELLA GRATSIANOVA 1967

DEVONIAN

CARINATRYPA COPPER 1973

DEVONIAN

CERBERATRYPA HAVLICEK 1990

DEVONIAN

CHERKESOVAENA HAVLICEK 1987

DEVONIAN

COSTATRYPA COPPER 1973

DEVONIAN

CRASSIPUNCTATRYPA MIZENS & RZONSNITZKAJA 1979

DEVONIAN

DAVIDSONIATRYPA LENZ 1968

DEVONIAN

DESATRYPA COPPER 1964

DEVONIAN

DESQUAMATIA ALEKSEEVA 1960

DEVONIAN

EIFELATRYPA COPPER 1973

DEVONIAN

EOSPINATRYPA COPPER 1973

DEVONIAN

EXATRYPA COPPER 1967

DEVONIAN

FALSATRYPA HAVLICEK 1956

DEVONIAN

FILIATRYPA CHEN 1983

DEVONIAN

FOSSATRYPA MIZENS & RZONSNITZKAJA 1979

DEVONIAN

GRUENEWALDTIA TSCHERNYSCHEW 1885

DEVONIAN

HANUSITRYPA HAVLICEK 1967

DEVONIAN

HERGETATRYPA HAVLICEK 1987

DEVONIAN

HOLYNATRYPA HAVLICEK 1973

DEVONIAN

HYPONEATRYPA STRUVE 1966

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IMATRYPA HAVLICEK 1977

DEVONIAN

INDEPENDATRYPA COPPER 1973

DEVONIAN

INVERTINA COPPER & CHEN 1995

DEVONIAN

INVERTRYPA STRUVE 1961

DEVONIAN

IOWATRYPA COPPER 1973

DEVONIAN

ISOSPINATRYPA STRUVE 1966

DEVONIAN

KAPLICONA HAVLICEK 1987

DEVONIAN

KARBOUS HAVLICEK 1985

DEVONIAN

KARPINSKIA TSCHERNYSCHEW 1885

DEVONIAN

KERPINA STRUVE 1961

DEVONIAN

KLUKATRYPA HAVLICEK 1987

DEVONIAN

KWANGSIA GRABAU 1931

DEVONIAN

LEVISPIRA MIZENS 1975

DEVONIAN

LICHNATRYPA WANG & RONG 1986

DEVONIAN

LIXATRYPA HAVLICEK 1987

DEVONIAN

MEGAPLECTATRYPA ZHANG 1981

DEVONIAN

MIMATRYPA STRUVE 1964

DEVONIAN

MOGOLIELLA ISCHNAZAROV 1972

DEVONIAN

MUNIERATRYPA MIZENS & RZONSNITZKAJA 1979

DEVONIAN

NEATRYPA STRUVE 1964

DEVONIAN

NEOKARPINSKIA MIZENS 1977

DEVONIAN

NEOSPIRIGERINA RZONSNITZKAJA 1975

DEVONIAN

NOTOPARMELLA JOHNSON 1973

DEVONIAN

OGILVIELLA LENZ 1968

DEVONIAN

OGLU HAVLICEK 1987

DEVONIAN

PACIFICOCOELIA BOUCOT 1975

DEVONIAN

PALAFERELLA SPRIESTERSBACH 1942

DEVONIAN

PARAKARPINSKIA ZHANG 1983

DEVONIAN

PEETZATRYPA RZONSNITZKAJA 1975

DEVONIAN

PERATOS COPPER 1986

DEVONIAN

PESHIATRYPA XIAN 1978

DEVONIAN

PESTEREVATRYPA RZONSNITZKAJA 1975

DEVONIAN

PLANATRYPA COPPER 1967

DEVONIAN

PLANATRYPA STRUVE 1966

DEVONIAN

PLESICARINATINA MIZENS 1977

DEVONIAN

PSEUDOATRYPA COPPER 1973

DEVONIAN

PSEUDOGRUENEWALDTIA RZONSNITZKAJA 1960

DEVONIAN

PUANATRYPA XIAN 1978

DEVONIAN

PUNCTATRYPA HAVLICEK 1953

DEVONIAN

PUNCTSPINATRYPA RZONSNITZKAJA 1975

DEVONIAN

QUASIDAVIDSONIA HAVLICEK 1987

DEVONIAN

RADIATRYPA COPPER 1978

DEVONIAN

RADIMATRYPA HAVLICEK 1990

DEVONIAN

RHYNCHATRYPA SIEHL 1962

DEVONIAN

RUGOSATRYPA RZONSNITZKAJA 1975

DEVONIAN

SALAIRINA ALEKSEEVA 1970

DEVONIAN

SEPTATRYPA KOZLOWSKI 1929

DEVONIAN

SERATRYPA COPPER 1967

DEVONIAN

SERRULATRYPA HAVLICEK 1977

DEVONIAN

SIBIRATRYPA RZONSNITZKAJA 1975

DEVONIAN

SIBIRISPIRA ALEKSEEVA 1968

DEVONIAN

SINOPUNCTATRYPA WANG, COPPER & RONG 1983

DEVONIAN

SPINATRYPA STAINBROOK 1951

DEVONIAN

SPINATRYPINA RZONSNITZKAJA 1964

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SULCIPLICATATRYPA ZHANG 1983

DEVONIAN

SYNATRYPA COPPER 1966

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TENUIATRYPA RZONSNITZKAJA 1975

DEVONIAN

TIBETATRYPA COPPER & HOU 1986

DEVONIAN

TOGATRYPA HAVLICEK 1987

DEVONIAN

TOQUIMAELLA JOHNSON 1967

DEVONIAN

TOTIA RZONSNITZKAJA & MIZENS 1977

DEVONIAN

TRIGONATRYPA HAVLICEK 1990

DEVONIAN

TUBERCULATOSPIRA XIAN 1988

DEVONIAN

UNDATRYPA COPPER 1978

DEVONIAN

URALOSPIRA MIZENS 1977

DEVONIAN

VAGRANIA ALEKSEEVA 1959

DEVONIAN

VARIATRYPA COPPER 1966

DEVONIAN

WEIZHOUELLA CHEN 1983

DEVONIAN

ZEJSZNERIA SIEMIRADZKI 1922

DEVONIAN

SOLITUDINELLA GODEFROID 1991

DEVONIAN

ALTAETHYRELLA SEVERGINA 1978

ORDOVICIAN

ANAZYGA DAVIDSON 1882

ORDOVICIAN

ANTIZYGOSPIRA FU 1982

ORDOVICIAN

AUSTRALISPIRA PERCIVAL 1991

ORDOVICIAN

EONALIVKINIA VLADIMIRSKAYA 1985

ORDOVICIAN

EUROATRYPA ORADOVSKAYA 1982

ORDOVICIAN

HALLINA WINCHELL & SCHUCHERT 1892

ORDOVICIAN

KUZGUNIA KLENINA 1984

ORDOVICIAN

MANESPIRA COPPER 1986

ORDOVICIAN

NURIA MISIUS 1986

ORDOVICIAN

ORTHOCARINA FU 1980

ORDOVICIAN

ORTHONOMAEA HALL 1893

ORDOVICIAN

OVALOSPIRA FU 1980

ORDOVICIAN

PROTOZYGA HALL & CLARKE 1893

ORDOVICIAN

SALAIRELLA SEVERGINA 1984

ORDOVICIAN

SCHACHRIOMONIA NIKIFOROVA 1978

ORDOVICIAN

SULCATOSPIRA XU 1979

ORDOVICIAN

TAOQUPOSPIRA FU 1982

ORDOVICIAN

UNDITHYRELLA HAVLICEK 1971

ORDOVICIAN

WEBBYSPIRA PERCIVAL 1991

ORDOVICIAN

XYSILA COPPER 1995

ORDOVICIAN

ZYGOSPIRA HALL 1862

ORDOVICIAN

CATAZYGA HALL & CLARKE 1893

ORDOVICIAN-SILURIAN

EOSPIRIGERINA BOUCOT & JOHNSON 1967

ORDOVICIAN-SILURIAN

IDIOSPIRA COOPER 1956

ORDOVICIAN-SILURIAN

PLECTATRYPA SCHUCHERT & COOPER 1930

ORDOVICIAN-SILURIAN

ZYGOSPIRAELLA NIKIFOROVA 1961

ORDOVICIAN-SILURIAN

ALISPIRA NIKIFOROVA 1961

SILURIAN

ANABARIA LOPUSHINSKAJA 1965

SILURIAN

ATRYPELLINA MENAKOVA & NIKIFOROVA 1986

SILURIAN

ATRYPINOPSIS RONG & YANG 1981

SILURIAN

ATRYPOIDEA MITCHELL & DUN 1920

SILURIAN

ATRYPOPSIS POULSEN 1943

SILURIAN

AULACATRYPA HAVLICEK 1987

SILURIAN

AUSTRALINA CLARKE 1912

SILURIAN

BARKOLIA ZHANG 1981

SILURIAN

BECSCIA COPPER 1995

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BEITAIA RONG & YANG 1974

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BUCEQIA HAVLICEK 1984

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CERASINA COPPER 1995

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CLARATRYPA HAVLICEK 1987

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CLINTONELLA HALL & CLARKE 1893

SILURIAN

CRASSATRYPA MIZENS 1977

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CROMATRYPA HAVLICEK 1987

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CRYPTATRYPA SIEHL 1962

SILURIAN

CRYPTOSPIRA LAURIE 1991

SILURIAN

DIHELICTERA COPPER 1995

SILURIAN

DNESTRINA NIKIFOROVA & MODZALEVSKAJA

1968

SILURIAN

EOKARPINSKIA RZONSNITZKAJA 1964

SILURIAN

GLOBATRYPA MIZENS & SAPELNIKOV 1985

SILURIAN

GOTATRYPA STRUVE 1966

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GRACIANELLA JOHNSON & BOUCOT 1967

SILURIAN

IMBRICATOSPIRA FU 1980

SILURIAN

ISTOKINA BREIVEL & BREIVEL 1988

SILURIAN

JOHNSONIATRYPA ZHANG 1989

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JOVIATRYPA COPPER 1995

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LIMBATRYPA COPPER 1982

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LINGATRYPA MIZENS 1985

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LISSATRYPELLA SAPELNIKOV & MIZENS 1982

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LISSATRYPOIDEA BOUCOT & AMSDEN 1958

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LOILEMIA REED 1936

SILURIAN

MEGUMATRYPA HARPER 1973

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MEIFODIA WILLIAMS 1951

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MORINATRYPA HAVLICEK 1990

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NANATRYPA SAPELNIKOV & MIZENS 1982

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NANOSPIRA AMSDEN 1949

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OGLUPES HAVLICEK 1987

SILURIAN

OMNUTAKHELLA LOPUSHINSKAJA 1976

SILURIAN

PENTLANDELLA BOUCOT 1964

SILURIAN

PROCARINATINA MIZENS & SAPELNIKOV 1982

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PRONALIVKINIA RUKAVISCHNIKOVA 1977

SILURIAN

PROTATRYPA BOUCOT, JOHNSON & STATON 1964

SILURIAN

QUANGYUANIA SHENG 1975

SILURIAN

SHROCKIA BOUCOT & SMITH 1978

SILURIAN

SPIRIGERINA ORBIGNY 1847

SILURIAN

SUBLEPIDA MIZENS & SAPELNIKOV 1982

SILURIAN

SYMMATRYPA MIZENS & SAPELNIKOV 1975

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SYPHARATRYPA COPPER 1982

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TECTATRYPA MIZENS 1973

SILURIAN

TYROTHYRIS OPIK 1953

SILURIAN

UNCITISPIRA FU 1982

SILURIAN

ZYGATRYPA COPPER 1977

SILURIAN

ATRYPA DALMAN 1828

SILURIAN-DEVONIAN

ATRYPELLA KOZLOWSKI 1929

SILURIAN-DEVONIAN

ATRYPINA HALL & CLARKE 1893

SILURIAN-DEVONIAN

ATRYPINELLA KHODALEVICH 1939

SILURIAN-DEVONIAN

DUBARIA TERMIER 1936

SILURIAN-DEVONIAN

GLASSIA DAVIDSON 1881

SILURIAN-DEVONIAN

KYRTATRYPA STRUVE 1966

SILURIAN-DEVONIAN

LISSATRYPA TWENHOFEL 1914

SILURIAN-DEVONIAN

NALIVKINIA BUBLICHENKO 1928

SILURIAN-DEVONIAN

RETICULATRYPA SAVAGE 1970

SILURIAN-DEVONIAN

SUPERFAMILY: AULOSTEGACEA

ARCHAIOSTEGES CARTER 1991

MISSISSIPPIAN

LIMBIFERA BRUNTON & MUNDY 1988

MISSISSIPPIAN

RETROPLEXUS BRUNTON & MUNDY 1988

MISSISSIPPIAN

LIMBELLA STEHLI 1954

PENNSYLVANIAN-PERMI

AN

SCACCHINELLA GEMMELLARO 1891

PENNSYLVANIAN-PERMI

AN

SPYRIDIOPHORA COOPER & STEHLI 1955

PENNSYLVANIAN-PERMI

AN

AGELESIA COOPER & GRANT 1969

PERMIAN

ATELESTEGASTUS COOPER & GRANT 1975

PERMIAN

CACTOSTEGES COOPER & GRANT 1975

PERMIAN

COOPERINA TERMIER, TERMIER & PAJAUD 1966

PERMIAN

COSTISTEGES LIAO 1980

PERMIAN

CRASPEDONA COOPER & GRANT 1975

PERMIAN

ECHINOSTEGES MUIR-WOOD & COOPER 1960

PERMIAN

EDRIOSTEGES MUIR-WOOD & COOPER 1960

PERMIAN

GLYPTOSTEGES COOPER & GRANT 1975

PERMIAN

GUANGJIAYANELLA YANG 1984

PERMIAN

INSTITELLA COOPER 1942

PERMIAN

MEGASTEGES WATERHOUSE 1975

PERMIAN

NEOEDRIOSTEGES LIANG 1990

PERMIAN

RAMAVECTUS STEHLI 1954

PERMIAN

RHAMNARIA MUIR-WOOD & COOPER 1960

PERMIAN

SCAPHARINA COOPER & GRANT 1975

PERMIAN

SPURIOSA COOPER & GRANT 1975

PERMIAN

TRUNCATENIA LIAO 1980

PERMIAN

TSCHERNYSCHEWIA STOYANOW 1910

PERMIAN

XENOSTEGES MUIR-WOOD & COOPER 1960

PERMIAN

SUPERFAMILY: BASILIOLACEA

USSURIRHYNCHIA KOCZYRKEVICZ 1976

PERMIAN

LAEVIRHYNCHIA DAGYS 1974

TRIASSIC

VEGHIRHYNCHIA DAGYS 1974

TRIASSIC

SUPERFAMILY: BILLINGSELLACEA

ACAREORTHIS ROBERTS 1990

CAMBRIAN

CYMBITHYRIS COOPER 1952

CAMBRIAN

EOCONCHA COOPER 1951

CAMBRIAN

KOTUJELLA ANDREEVA 1962

CAMBRIAN

MATUTELLA COOPER 1951

CAMBRIAN

NARYNELLA ANDREEVA 1987

CAMBRIAN

NISUSIA WALCOTT 1905

CAMBRIAN

SACCOGONUM HAVLICEK 1971

CAMBRIAN

BILLINGSELLA HALL & CLARKE 1892

CAMBRIAN-ORDOVICIAN

XENORTHIS ULRICH & COOPER 1936

CAMBRIAN-ORDOVICIAN

EOSOTREMATORTHIS WANG 1955

ORDOVICIAN

NUGNECELLA LEVY & NULLO 1974

ORDOVICIAN

SUPERFAMILY: CADOMELLACEA

CADOMELLA MUNIER-CHALMAS 1887

JURASSIC

SUPERFAMILY: CAMERELLACEA

EOANASTROPHIA NIKIFOROVA & SAPELNIKOV 1973

ORDOVICIAN

MAYDENELLA LAURIE 1991

ORDOVICIAN

JOLKINIA BREIVEL & BREIVEL 1988

SILURIAN

SUPERFAMILY: CANCELLOTHYRIDACEA

CRICOSIA COOPER 1973

CRETACEOUS

GYROSORIA COOPER 1973

CRETACEOUS

ORTHOLINA CALZADA 1984

CRETACEOUS

TROCHIFERA CHING & YE 1979

CRETACEOUS

COOPERITHYRIS TCHORSZHEWSKY 1988

JURASSIC

EUDESITES RIOULT 1966

JURASSIC

NANACALATHIS ZEZINA 1981

RECENT

NOTOZYGA COOPER 1977

RECENT

SUPERFAMILY: CARINATINACEA

ARCTISPIRA SMITH 1980

DEVONIAN

SUPERFAMILY: CHONETACEA

JAKUTOCHONETES AFANASJEVA 1977

CARBONIFEROUS

LEIOCHONETES ROBERTS 1976

CARBONIFEROUS

PLICOCHONETES PAECKELMANN 1930

CARBONIFEROUS

PRORUGARIA WATERHOUSE 1982

CARBONIFEROUS

RUGOSOCHONETES SOKOLSKAJA 1950

CARBONIFEROUS

SOKOLSKYA AISENVERG 1980

CARBONIFEROUS

TORNQUISTIA PAECKELMANN 1930

CARBONIFEROUS

TRICHOCHONETES ROBERTS 1976

CARBONIFEROUS

ALLANETES BOUCOT & JOHNSON 1967

DEVONIAN

ANDALUCINETES RACHEBOEUF 1985

DEVONIAN

ANOPLIA HALL & CLARKE 1892

DEVONIAN

ASEPTONETES ISAACSON 1977

DEVONIAN

ASYMMETROCHONETES SMITH 1980

DEVONIAN

AUSTRONOPLIA ISAACSON 1977

DEVONIAN

BOICINETES HAVLICEK & RACHEBOEUF 1979

DEVONIAN

BOUCOTIA GILL 1969

DEVONIAN

CALLICALYPTELLA BOUCOT & JOHNSON 1972

DEVONIAN

CAPLINOPLIA HAVLICEK & RACHEBOEUF 1979

DEVONIAN

CEDULIA RACHEBOEUF 1979

DEVONIAN

CELTANOPLIA RACHEBOEUF 1981

DEVONIAN

CHALIMOCHONETES BARANOV 1980

DEVONIAN

CHLUPACINA HAVLICEK & RACHEBOEUF 1979

DEVONIAN

CHONETES FISCHER 1830

DEVONIAN

CHONOSTROPHIELLA BOUCOT & AMSDEN 1964

DEVONIAN

CORBICULARIA LJASCHENKO 1973

DEVONIAN

CTENOCHONETES RACHEBOEUF 1976

DEVONIAN

CYRTONISCUS BOUCOT & HARPER 1968

DEVONIAN

DAGNACHONETES AFANASJEVA 1978

DEVONIAN

DAVOUSTIA RACHEBOEUF 1976

DEVONIAN

DAWSONELLOIDES BOUCOT & HARPER 1968

DEVONIAN

DEVONARIA BIERNAT 1966

DEVONIAN

DEVONOCHONETES MUIR-WOOD 1962

DEVONIAN

EODEVONARIA BREGER 1906

DEVONIAN

FRANKIELLA RACHEBOEUF 1983

DEVONIAN

GAMONETES ISAACSON 1977

DEVONIAN

HALLINETES RACHEBOEUF & FELDMAN 1990

DEVONIAN

HOLYNETES HAVLICEK & RACHEBOEUF 1979

DEVONIAN

HUANANOCHONETES WANG, BOUCOT & RONG 1981

DEVONIAN

JOHNSONETES RACHEBOEUF 1987

DEVONIAN

KENTRONETES RACHEBOEUF & HERRERA 1994

DEVONIAN

LEPTOCHONETES HAVLICEK & RACHEBOEUF 1979

DEVONIAN

LONGISPINA COOPER 1942

DEVONIAN

LORELEIELLA RACHEBOEUF 1986

DEVONIAN

LUANQUELLA GARCIA-ALCALDE & RACHEBOEUF

1978

DEVONIAN

MAMUTINETES HAVLICEK 1990

DEVONIAN

MONTSENETES RACHEBOEUF 1992

DEVONIAN

NOTANOPLIA GILL 1950

DEVONIAN

NOTIOCHONETES MUIR-WOOD 1962

DEVONIAN

NOVELLINETES HAVLICEK & RACHEBOEUF 1979

DEVONIAN

NUROCHONETES USHATINSKAIA 1977

DEVONIAN

PARACHONETES JOHNSON 1966

DEVONIAN

PERICHONETES XU 1979

DEVONIAN

PHILIPPOTIA RACHEBOEUF 1982

DEVONIAN

PLEBEJOCHONETES BOUCOT & HARPER 1968

DEVONIAN

PLEUROCHONETES ISAACSON 1977

DEVONIAN

PLICANOPLIA BOUCOT & HARPER 1968

DEVONIAN

PLICANOPLITES HAVLICEK 1974

DEVONIAN

PLICODEVONARIA BOUCOT & HARPER 1968

DEVONIAN

PRADOCHONETES PARDO & GARCIA-ALCALDE 1984

DEVONIAN

PSEUDOCHONETES SU 1976

DEVONIAN

PSEUDOSTROPHOCHONETES RACHEBOEUF 1981

DEVONIAN

QUADRIKENTRON BOUCOT & GAURI 1966

DEVONIAN

RENAUDIA RACHEBOEUF 1976

DEVONIAN

RHYSSOCHONETES JOHNSON 1970

DEVONIAN

SAHARONETES HAVLICEK 1984

DEVONIAN

SANJUANETES RACHEBOEUF & HERRERA 1994

DEVONIAN

SEPTACHONETES CHATTERTON 1973

DEVONIAN

SEPTAPARMELLA SU 1976

DEVONIAN

SINOCHONETES WANG, BOUCOT & RONG 1981

DEVONIAN

SQUAMATINA HAVLICEK & RACHEBOEUF 1979

DEVONIAN

XINJIANGOCHONETES XU 1991

DEVONIAN

MALAYANOPLIA HAMADA 1969

DEVONIAN-CARBONIFER

OUS

MEGACHONETES SOKOLSKAJA 1950

DEVONIAN-MISSISSIPP

IAN

RETICHONETES MUIR-WOOD 1962

DEVONIAN-MISSISSIPP

IAN

STRIATOCHONETES MIKRJUKOV 1968

DEVONIAN-MISSISSIPP

IAN

AIRTONIA COPE 1934

MISSISSIPPIAN

ANOPLIOPSIS GIRTY 1938

MISSISSIPPIAN

CAENANOPLIA CARTER 1968

MISSISSIPPIAN

DAVIESIELLA WAAGEN 1884

MISSISSIPPIAN

DELEPINEA MUIR-WOOD 1962

MISSISSIPPIAN

GLOBOSOCHONETES BRUNTON 1968

MISSISSIPPIAN

NIX EASTON 1962

MISSISSIPPIAN

PETALOCHONETES AFANASJEVA 1988

MISSISSIPPIAN

RETICULATOCHONETES BUBLICHENKO 1956

MISSISSIPPIAN

SCHISTOCHONETES ROBERTS 1971

MISSISSIPPIAN

SEMENEWIA PAECKELMANN 1930

MISSISSIPPIAN

SUBGLOBOSOCHONETES AFANASJEVA 1976

MISSISSIPPIAN

TULCUMBELLA CAMPBELL 1963

MISSISSIPPIAN

ARCHEOCHONETES RACHEBOEUF & COPPER 1986

ORDOVICIAN

CAPILLOMESOLOBUS PECAR 1986

PENNSYLVANIAN

EOLISSOCHONETES HOARE 1960

PENNSYLVANIAN

GIBBOCHONETES AISENVERG 1971

PENNSYLVANIAN

ISOCHONETES AISENVERG 1985

PENNSYLVANIAN

PARAMESOLOBUS AFANASJEVA 1975

PENNSYLVANIAN

YAGONIA ROBERTS 1976

PENNSYLVANIAN

CHONETINELLA RAMSBOTTOM 1952

PENNSYLVANIAN-PERMI

AN

COSTACHONETES WATERHOUSE 1975

PENNSYLVANIAN-PERMI

AN

LISSOCHONETES DUNBAR & CONDRA 1932

PENNSYLVANIAN-PERMI

AN

MESOLOBUS DUNBAR & CONDRA 1932

PENNSYLVANIAN-PERMI

AN

NEOCHONETES MUIR-WOOD 1962

PENNSYLVANIAN-PERMI

AN

QUADROCHONETES STEHLI 1954

PENNSYLVANIAN-PERMI

AN

ALATOCHONETES LIANG 1990

PERMIAN

ARCTOCHONETES IFANOVA 1968

PERMIAN

CAPILLONIA WATERHOUSE 1973

PERMIAN

CHONETINA KROTOW 1888

PERMIAN

CHONETINETES COOPER & GRANT 1969

PERMIAN

COSTACHONETINA WATERHOUSE 1981

PERMIAN

DEMONEDYS GRANT 1976

PERMIAN

DYOROS STEHLI 1954

PERMIAN

GATIA ARCHBOLD 1993

PERMIAN

GLABRICHONETINA WATERHOUSE 1978

PERMIAN

HEMICHONETES LEE & SU 1980

PERMIAN

KOMUKIA WATERHOUSE 1982

PERMIAN

LAMELLOSIA COOPER & GRANT 1975

PERMIAN

LAMPANGELLA WATERHOUSE 1983

PERMIAN

LEUROSINA COOPER & GRANT 1975

PERMIAN

LISSOSIA COOPER & GRANT 1975

PERMIAN

MICRAPHELIA COOPER & GRANT 1969

PERMIAN

MONGOLOCHONETES AFANASJEVA 1991

PERMIAN

PARADEMONEDYS YANG 1984

PERMIAN

PERMOCHONETES AFANASJEVA 1977

PERMIAN

PYGMOCHONETES JING & HU 1978

PERMIAN

QUINQUENELLA WATERHOUSE 1975

PERMIAN

RATBURIA YANAGIDA 1971

PERMIAN

RUGARIA COOPER & GRANT 1969

PERMIAN

SANDRELLA WATERHOUSE 1986

PERMIAN

SOMMERIELLA ARCHBOLD 1982

PERMIAN

SONGZICHONETES YANG 1984

PERMIAN

STAUROMATA HOOVER 1981

PERMIAN

STRIOCHONETES WATERHOUSE & PIYASIN 1970

PERMIAN

SULCATARIA COOPER & GRANT 1969

PERMIAN

SULCIRUGARIA WATERHOUSE 1983

PERMIAN

SVALBARDIA AFANASJEVA 1977

PERMIAN

TENUICHONETES JING & HU 1978

PERMIAN

TETRAGONETES COOPER & GRANT 1975

PERMIAN

TIVERTONIA ARCHBOLD 1983

PERMIAN

TSCHERNOVIA KALASHNIKOV 1993

PERMIAN

UNDULELLA COOPER & GRANT 1969

PERMIAN

WAAGENITES PAECKELMANN 1930

PERMIAN

WATERHOUSEIELLA ARCHBOLD 1983

PERMIAN

ZHEXICHONETES LIANG 1982

PERMIAN

FANICHONETES XU AND GRANT 1994

PERMIAN-TRIASSIC

FUSICHONETES LIAO 1981

PERMIAN-TRIASSIC

PARYPHELLA LIAO 1981

PERMIAN-TRIASSIC

EOPLICANOPLIA BOUCOT & HARPER 1968

SILURIAN

HYPSELONETES RACHEBOEUF 1981

SILURIAN

MEGASPINOCHONETES YANG & RONG 1982

SILURIAN

NABARREDIA HAVLICEK & RACHEBOEUF 1979

SILURIAN

PROTOCHONETES MUIR-WOOD 1962

SILURIAN

SHAGAMELLA BOUCOT & HARPER 1968

SILURIAN

SPINOCHONETES RONG, XU & YANG 1974

SILURIAN

TUVAECHONETES KULKOV 1984

SILURIAN

AMOSINA BOUCOT 1975

SILURIAN-DEVONIAN

BABINIA RACHEBOEUF & BRANISA 1985

SILURIAN-DEVONIAN

CHONOSTROPHIA HALL & CLARKE 1892

SILURIAN-DEVONIAN

ECCENTRICOSTA BERDAN 1963

SILURIAN-DEVONIAN

STROPHOCHONETES MUIR-WOOD 1962

SILURIAN-DEVONIAN

SUPERFAMILY: CLATHRITHYRIDACEA

ALABUSHEVOTHYRIS SMIRNOVA 1994

CRETACEOUS

SUPERFAMILY: CLITAMBONITACEA

PROTAMBONITES HAVLICEK 1972

CAMBRIAN

ACANTHOTOECHIA WILLIAMS & CURRY 1985

ORDOVICIAN

ADMIXTELLA ROZMAN 1978

ORDOVICIAN

APOMATELLA SCHUCHERT & COOPER 1931

ORDOVICIAN

ASYMPHYLOTOECHIA ROSS 1970

ORDOVICIAN

ATELELASMA COOPER 1956

ORDOVICIAN

ATELELASMOIDEA ZENG 1987

ORDOVICIAN

CLINAMBON SCHUCHERT & COOPER 1932

ORDOVICIAN

CLITAMBONITES AGASSIZ 1847

ORDOVICIAN

DELTATRETA ULRICH 1926

ORDOVICIAN

DJINDELLA MENAKOVA 1991

ORDOVICIAN

EREMOTOECHIA COOPER 1956

ORDOVICIAN

FISTULOGONITES NEUMAN 1971

ORDOVICIAN

HEMIPRONITES PANDER 1830

ORDOVICIAN

ILMARINIA OPIK 1934

ORDOVICIAN

IRU OPIK 1934

ORDOVICIAN

LADOGIELLA OPIK 1934

ORDOVICIAN

MARTELLIA WIRTH 1936

ORDOVICIAN

NEUMANIA HARPER 1981

ORDOVICIAN

PAHLENELLA SCHUCHERT & COOPER 1931

ORDOVICIAN

PERITRITOECHIA XU, RONG & LIU 1974

ORDOVICIAN

PLATYTOECHIA NEUMAN 1964

ORDOVICIAN

POLYTOECHIA HALL & CLARKE 1892

ORDOVICIAN

POMATOTREMA ULRICH & COOPER 1932

ORDOVICIAN

TRITOECHIA ULRICH & COOPER 1936

ORDOVICIAN

VELLAMO OPIK 1930

ORDOVICIAN

SUPERFAMILY: CRANIACEA

DZHAGDICUS SOBOLEV 1992

CAMBRIAN

OTARIELLA POPOV & HOLMER 1994

CAMBRIAN-ORDOVICIAN

ISOCRANIA JAEKEL 1902

CRETACEOUS

ANCISTROCRANIA DALL 1877

CRETACEOUS & RECENT

ORBICULA CUVIER 1798

CRETACEOUS-RECENT

CRANISCUS DALL 1871

JURASSIC-RECENT

LISSOCRANIA WILLIAMS 1943

MISSISSIPPIAN

ANGARELLA ASATKIN 1932

ORDOVICIAN

CELIDOCRANIA LIU, ZHU & XUE 1985

ORDOVICIAN

EOCONULUS COOPER 1956

ORDOVICIAN

ORTHISOCRANIA ROWELL 1963

ORDOVICIAN

PSEUDOCRANIA MCCOY 1851

ORDOVICIAN

PHILHEDRA KOKEN 1889

ORDOVICIAN-CARBONIF

EROUS

ACANTHOCRANIA WILLIAMS 1943

ORDOVICIAN-PERMIAN

PETROCRANIA RAYMOND 1911

ORDOVICIAN-PERMIAN

ELEUTHEROCRANIA HUENE 1899

ORDOVICIAN-SILURIAN

PSEUDOMETOPTOMA HUENE 1899

ORDOVICIAN-SILURIAN

CHONIOPORA SCHAUROTH 1854

PERMIAN

LEPIDOCRANIA COOPER & GRANT 1974

PERMIAN

NEMATOCRANIA GRANT 1976

PERMIAN

NEOANCISTROCRANIA LAURIN 1992

RECENT

VALDIVIATHYRIS HELMCKE 1940

RECENT

PHILHEDRELLA KOZLOWSKI 1929

SILURIAN

PROPATELLA GRUBBS 1939

SILURIAN

PUNCTOPATELLA GRUBBS 1939

SILURIAN

DANOCRANIA ROSENKRANTZ 1964

TERTIARY

WESTRALICRANIA COCKBAIN 1967

TERTIARY

NEOCRANIA LEE & BRUNTON 1986

TERTIARY-RECENT

CRANIA RETZIUS 1781

TRIASSIC-RECENT

CRIOPUS POLI 1791

TRIASSIC-RECENT

SUPERFAMILY: CRYPTONELLACEA

PHYLLONIA SU 1980

DEVONIAN

REEFTONELLA BOUCOT 1959

DEVONIAN

XENOCRYPTONELLA ZHANG 1983

DEVONIAN

PELAIELLA MARTINEZ 1991

PENNSYLVANIAN

CRYPTACANTHIA WHITE & ST.JOHN 1867

PENNSYLVANIAN-PERMI

AN

ANAPTYCHIUS HOOVER 1981

PERMIAN

ANOMALESIA COOPER & GRANT 1976

PERMIAN

CHONDRONIA COOPER & GRANT 1976

PERMIAN

ENALLOSIA COOPER & GRANT 1976

PERMIAN

GLOSSOTHYROPSIS GIRTY 1934

PERMIAN

HETERELASMA GIRTY 1909

PERMIAN

NOTOTHYRIS WAAGEN 1882

PERMIAN

PONTIELASMA WATERHOUSE & PIYASIN 1970

PERMIAN

TEXARINA COOPER & GRANT 1970

PERMIAN

TIMORINA STEHLI 1961

PERMIAN

OBNIXIA HOOVER 1979

TRIASSIC

SUPERFAMILY: CYRTIACEA

AMBOGLOSSA WANG & ZHU 1979

DEVONIAN

AMBOTHYRIS GEORGE 1931

DEVONIAN

AVIFORMIA XIAN 1988

DEVONIAN

BADAINJARANIA ZHANG 1981

DEVONIAN

BIDENTATUS KHODALEVICH & BREIVEL 1972

DEVONIAN

BISINOCOELIA HAVLICEK 1953

DEVONIAN

CHANGTANGELLA XIAN 1983

DEVONIAN

CHOPERELLA LJASCHENKO 1969

DEVONIAN

CRURISPINA GOLDMAN & MITCHELL 1990

DEVONIAN

ECHINOCOELIA COOPER & WILLIAMS 1935

DEVONIAN

ECHINOCOELIOPSIS HAMADA 1968

DEVONIAN

EMANUELLA GRABAU 1923

DEVONIAN

GUICYRTIA WANG & ZHU 1979

DEVONIAN

ILMENIA NALIVKIN 1941

DEVONIAN

ILMENIOPSIS XIAN 1983

DEVONIAN

ILMENISPINA HAVLICEK 1959

DEVONIAN

KOSIRIUM FICNER & HAVLICEK 1975

DEVONIAN

LADJIA VEEVERS 1959

DEVONIAN

LJUDMILISPIRIFER TCHERKESOVA 1976

DEVONIAN

METAPLASIA HALL & CLARKE 1893

DEVONIAN

MORAVILLA HAVLICEK 1953

DEVONIAN

MUCROCLIPEUS GOLDMAN & MITCHELL 1990

DEVONIAN

MULTISPIRIFER KAPLUN 1961

DEVONIAN

MYRIOSPIRIFER HAVLICEK 1978

DEVONIAN

PARAEMANUELLA YANG 1977

DEVONIAN

PLICOPLASIA BOUCOT 1959

DEVONIAN

PROLAZUTKINIA HOU & XIAN 1983

DEVONIAN

PROSSERELLA GRABAU 1910

DEVONIAN

PUSTULATIA COOPER 1956

DEVONIAN

PYRAMINA LJASCHENKO 1969

DEVONIAN

QUASIMARTINIA HAVLICEK 1959

DEVONIAN

RHYNCHOSPIRIFER PAULUS 1957

DEVONIAN

ROCHTEX HAVLICEK 1990

DEVONIAN

SPINOPLASIA BOUCOT 1959

DEVONIAN

SPURISPIRIFER HAVLICEK 1971

DEVONIAN

USHKOLIA MARTYNOVA & SVERBILOVA 1969

DEVONIAN

ZHONGHUACOELIA CHEN 1978

DEVONIAN

AMBOCOELIA HALL 1860

DEVONIAN-MISSISSIPP

IAN

SWAICOELIA HAMADA 1968

DEVONIAN-MISSISSIPP

IAN

CRURITHYRIS GEORGE 1931

DEVONIAN-PERMIAN

PAULONIA NALIVKIN 1925

MISSISSIPPIAN

ILIELLA RUKAVISCHNIKOVA 1980

ORDOVICIAN

ATTENUATELLA STEHLI 1954

PERMIAN

BICONVEXIELLA WATERHOUSE 1983

PERMIAN

COSTICRURA HOOVER 1981

PERMIAN

CRURICELLA GRANT 1976

PERMIAN

ORBICOELIA WATERHOUSE & PIYASIN 1970

PERMIAN

SULCICOSTA WATERHOUSE 1983

PERMIAN

WILBERRYA YANCEY 1978

PERMIAN

PARACRURITHYRIS LIAO 1981

PERMIAN-TRIASSIC

ACUTILINEOLUS AMSDEN 1978

SILURIAN

ALASKOSPIRA KIRK & AMSDEN 1952

SILURIAN

BATEROSPIRIFER SU & LI 1984

SILURIAN

CHNAUROCOELIA JOHNSON, BOUCOT & MURPHY 1976

SILURIAN

DICOELOSPIRIFER ZHANG 1989

SILURIAN

EJNESPIRIFER FU 1982

SILURIAN

ESPELLA NILOVA 1965

SILURIAN

HEDEINOPSIS GOURVENNEC 1990

SILURIAN

LAEVISPIRIFER USHATINSKAIA 1977

SILURIAN

MICTOSPIRIFER JOHNSON 1995

SILURIAN

NIKIFOROVAENA BOUCOT 1963

SILURIAN

NURATAELLA LARIN 1973

SILURIAN

PLICOCYRTIA BOUCOT 1963

SILURIAN

TANNUSPIRIFER IVANOVA 1960

SILURIAN

XINANOSPIRIFER RONG, XU & YANG 1974

SILURIAN

CYRTIA DALMAN 1828

SILURIAN-DEVONIAN

EOPLICOPLASIA JOHNSON & LENZ 1992

SILURIAN-DEVONIAN

EOSPIRIFER SCHUCHERT 1913

SILURIAN-DEVONIAN

HAVLICEKIA BOUCOT 1963

SILURIAN-DEVONIAN

JANIUS HAVLICEK 1957

SILURIAN-DEVONIAN

MACROPLEURA BOUCOT 1963

SILURIAN-DEVONIAN

STRIISPIRIFER COOPER & MUIR-WOOD 1951

SILURIAN-DEVONIAN

NEOCYRTINA YANG & XU 1966

TRIASSIC

SUPERFAMILY: CYRTINACEA

CARBOCYRTINA IVANOVA 1975

CARBONIFEROUS

TECNOCYRTINA JOHNSON & NORRIS 1972

DEVONIAN

THECOCYRTELLOIDEA YANG & XU 1966

TRIASSIC

SUPERFAMILY: DALLINACEA

CLATHRITHYRIS SMIRNOVA 1974

CRETACEOUS

KEDROVOTHYRIS SMIRNOVA 1990

CRETACEOUS

COLUMELLITHYRIS TCHORSZHEWSKY & RADULOVIC 1984

JURASSIC

RUSSIELLA MAKRIDIN 1964

JURASSIC

HERCOTHYRIS COOPER 1979

TERTIARY

BABUKELLA DAGYS 1974

TRIASSIC

EOANTIPTYCHIA XU & LIU 1983

TRIASSIC

ORNATOTHYRELLA DAGYS 1974

TRIASSIC

PARANTIPTYCHIA XU & LIU 1983

TRIASSIC

PARASULCATINELLA XU & LIU 1983

TRIASSIC

PERIALLUS HOOVER 1979

TRIASSIC

SUPERFAMILY: DALMANELLACEA

MOLONGELLA SAVAGE 1974

DEVONIAN

PLANICARDINIA SAVAGE 1968

DEVONIAN

DIDYMOPARCIUM LENZ 1977

SILURIAN

PROTOCORTEZORTHIS JOHNSON & TALENT 1967

SILURIAN

CORTEZORTHIS JOHNSON & TALENT 1967

SILURIAN-DEVONIAN

TYERSELLA PHILIP 1962

SILURIAN-DEVONIAN

SUPERFAMILY: DAVIDSONIACEA

APSOCALYMMA MCINTOSH 1974

CARBONIFEROUS

BROCHOCARINA BRUNTON 1968

CARBONIFEROUS

DORSOSCYPHUS ROBERTS 1971

CARBONIFEROUS

DRAHANORHYNCHUS HAVLICEK 1967

CARBONIFEROUS

ORTHOTETOIDES LAZAREV 1984

CARBONIFEROUS

PSEUDOORTHOTETES SOKOLSKAJA 1963

CARBONIFEROUS

PULSIA IVANOV 1925

CARBONIFEROUS

SERRATOCRISTA BRUNTON 1968

CARBONIFEROUS

TETHOROTES MANANKOV 1979

CARBONIFEROUS

WEININGIA CHING & LIAO 1974

CARBONIFEROUS

ASIOMEEKELLA LIANG 1990

CARBONIFEROUS-PERMI

AN

GRABAUELLINA LICHAREW 1934

CARBONIFEROUS-PERMI

AN

STREPTORHYNCHUS KING 1850

CARBONIFEROUS-PERMI

AN

APICILIRELLA SU 1976

DEVONIAN

AUCHMERELLA STRUVE 1964

DEVONIAN

BICONOSTROPHIA HAVLICEK 1956

DEVONIAN

CARINASTROPHIA GRATSIANOVA 1975

DEVONIAN

COLLETOSTRACIA FARRELL 1992

DEVONIAN

DAVIDSONIA BOUCHARD-CHANTEREAUX 1849

DEVONIAN

DRAHANOSTROPHIA HAVLICEK 1967

DEVONIAN

EOSCHUCHERTELLA GRATSIANOVA 1974

DEVONIAN

GUISTROPHIA WANG & RONG 1986

DEVONIAN

HINGANELLA SU 1980

DEVONIAN

HIPPARIONIX VANUXEM 1842

DEVONIAN

IRBOSKITES BEKKER 1924

DEVONIAN

KREJCIGRAFELLA STRUVE 1978

DEVONIAN

ORTHOPLEURA IMBRIE 1959

DEVONIAN

PRODAVIDSONIA HAVLICEK 1956

DEVONIAN

SCHUCHERTELLOPSIS MAILLIEUX 1939

DEVONIAN

XENIZOSTROPHIA SU 1976

DEVONIAN

SCHELLWIENELLA THOMAS 1910

DEVONIAN-CARBONIFER

OUS

ADECTORHYNCHUS HENRY & GORDON 1985

MISSISSIPPIAN

CARLOPSINA REED 1954

MISSISSIPPIAN

STREPTOPOMUM HAVLICEK 1967

MISSISSIPPIAN

BAJANHONGORELLA ROZMAN 1977

ORDOVICIAN

GACELLA WILLIAMS 1962

ORDOVICIAN

MAGICOSTROPHIA ZHU 1985

ORDOVICIAN

COOLINIA BANCROFT 1949

ORDOVICIAN-SILURIAN

FARDENIA LAMONT 1935

ORDOVICIAN-SILURIAN

KIANGSIELLA GRABAU & CHAO 1927

PENNSYLVANIAN-PERMI

AN

ORTHOTETES FISCHER 1829

PENNSYLVANIAN-PERMI

AN

ORTHOTHETINA SCHELLWIEN 1900

PENNSYLVANIAN-PERMI

AN

TAPAJOTIA DRESSER 1954

PENNSYLVANIAN-PERMI

AN

WARDAKIA TERMIER & AL 1974

PENNSYLVANIAN-PERMI

AN

DERBYAECONCHA LICHAREW 1934

PERMIAN

DIPLANUS STEHLI 1954

PERMIAN

ERISMATINA WATERHOUSE 1983

PERMIAN

GEGENELLA LEE & GU 1976

PERMIAN

GRUMANTIA USTRITSKY 1963

PERMIAN

HAMLETELLA HAYASAKA 1953

PERMIAN

LIOSOMENA LIANG 1990

PERMIAN

LOPINGIA CHAN 1979

PERMIAN

MAGNIDERBYIA TING 1965

PERMIAN

MAMMOSUM GREGORIO 1930

PERMIAN

MINIPLANUS WATERHOUSE & PIYASIN 1970

PERMIAN

NOTOSTROPHIA WATERHOUSE 1973

PERMIAN

PARADERBYIA SUN 1983

PERMIAN

PERIGEYERELLA WANG 1955

PERMIAN

PERMORTHOTETES THOMAS 1958

PERMIAN

PLICATODERBYA THOMAS 1937

PERMIAN

PSEUDODERBYIA LICHAREW 1934

PERMIAN

SICELIA GORTANI & MERLA 1934

PERMIAN

TAIMYROPSIS USTRITSKY 1963

PERMIAN

WERRIEA CAMPBELL 1957

PERMIAN

CHILIDIOPSIS BOUCOT 1959

SILURIAN

PARMULA MENAKOVA & BREIVEL 1987

SILURIAN

SAUGHINA BANCROFT 1949

SILURIAN

SHIQIANELLA XIAN 1978

SILURIAN

TERAZKIA HAVLICEK 1990

SILURIAN

VALDARIA BASSETT & COCKS 1974

SILURIAN

ZERAVSHANIA MENAKOVA 1983

SILURIAN

HUNGARITHECA DAGYS 1972

TRIASSIC

THECOSPIRA ZUGMAYER 1880

TRIASSIC

SUPERFAMILY: DAYIACEA

ANOPLOTHECA SANDBERGER 1855

DEVONIAN

ANTELOCOELIA ISAACSON 1977

DEVONIAN

AUSTRALOCOELIA BOUCOT & GILL 1956

DEVONIAN

BIERNATELLA BALINSKI 1977

DEVONIAN

BIFIDA DAVIDSON 1882

DEVONIAN

BUTKOVIA BARANOV 1987

DEVONIAN

COELOSPIRELLA SU 1976

DEVONIAN

COELOSPIRINA HAVLICEK 1956

DEVONIAN

KAYSERIA DAVIDSON 1882

DEVONIAN

LEPTOCOELIA HALL 1857

DEVONIAN

LEPTOCOELINA JOHNSON 1970

DEVONIAN

NAVISPIRA AMSDEN 1983

DEVONIAN

NEOCOELIA MCKELLAR 1966

DEVONIAN

UNCITES DEFRANCE 1825

DEVONIAN

WINTERFELDIA SPRIESTERSBACH 1942

DEVONIAN

AULIDOSPIRA WILLIAMS 1962

ORDOVICIAN

PUSILLAGUTTA MISIUS 1986

ORDOVICIAN

TRIPLECELLA WILSON 1932

ORDOVICIAN

CYCLOSPIRA HALL & CLARKE 1893

ORDOVICIAN-SILURIAN

ANABAIA CLARKE 1893

SILURIAN

EOCOELIA NIKIFOROVA 1961

SILURIAN

HARRINGTONINA BOUCOT 1972

SILURIAN

PROTOZEUGA TWENHOFEL 1913

SILURIAN

COELOSPIRA HALL 1863

SILURIAN-DEVONIAN

DAYIA DAVIDSON 1881

SILURIAN-DEVONIAN

SUPERFAMILY: DELTHYRIDACEA

COSTELLISPIRIFER BOUCOT 1973

DEVONIAN

DIAZOMA DURKOOP 1970

DEVONIAN

DYTICOSPIRIFER JOHNSON 1966

DEVONIAN

EUREKASPIRIFER JOHNSON 1966

DEVONIAN

PATRIASPIRIFER JOHNSON 1995

DEVONIAN

ADMINICULORIA WATERHOUSE & GUPTA 1979

MISSISSIPPIAN

MONGOLIOPSIS GRUNT 1977

MISSISSIPPIAN

BRACHYTHYRINELLA WATERHOUSE & GUPTA 1978

PERMIAN

PTEROPLECTA WATERHOUSE 1978

PERMIAN

STEPANOVIINA ZAVODOWSKY 1968

PERMIAN

SUPERFAMILY: DERBYIACEA

DERBYIA WAAGEN 1884

CARBONIFEROUS-PERMI

AN

MEEKELLA WHITE & ST.JOHN 1867

MISSISSIPPIAN-PERMI

AN

GEYERELLA SCHELLWIEN 1900

PENNSYLVANIAN-PERMI

AN

BOTHROSTEGIUM COOPER & GRANT 1974

PERMIAN

CHELONONIA COOPER & GRANT 1974

PERMIAN

NIVICONIA COOPER & GRANT 1974

PERMIAN

NOTHOPINDAX COOPER & GRANT 1974

PERMIAN

OMBONIA CANEVA 1906

PERMIAN

ORTHOTETELLA KING 1931

PERMIAN

TROPIDELASMA COOPER & GRANT 1969

PERMIAN

SUPERFAMILY: DIELASMATACEA

LIGATELLA MARTINEZ 1978

CARBONIFEROUS

MAYAOTHYRIS SUN 1987

CRETACEOUS

NUCLEATINA KATZ 1962

CRETACEOUS

AFILASMA STEHLI 1961

DEVONIAN

ASIACRANAENA KAPLUN 1991

DEVONIAN

COSTACRANAENA JOHNSON & PERRY 1976

DEVONIAN

EUNELLA HALL & CLARKE 1893

DEVONIAN

MACLARENELLA STEHLI 1955

DEVONIAN

PAULINELLA BOUCOT & RACHEBOEUF 1987

DEVONIAN

STUARTELLA BELANSKI 1928

DEVONIAN

CRYPTONELLA HALL 1861

DEVONIAN & PERMIAN

CRANAENA HALL & CLARKE 1893

DEVONIAN-MISSISSIPP

IAN

CRANAENELLA FENTON & FENTON 1924

DEVONIAN-MISSISSIPP

IAN

HAMBURGIA WELLER 1911

DEVONIAN-MISSISSIPP

IAN

PSEUDOKINGENA BOSE & SCHLOSSER 1900

JURASSIC

SLAVINITHYRIS TCHORSZHEWSKY 1986

JURASSIC

ALWYNIA STEHLI 1961

MISSISSIPPIAN

BALANOCONCHA CAMPBELL 1957

MISSISSIPPIAN

CENTRONELLOIDEA WELLER 1914

MISSISSIPPIAN

DIELASMELLA WELLER 1911

MISSISSIPPIAN

DIELASMOIDES WELLER 1911

MISSISSIPPIAN

DONGBAELLA CHING & YE 1979

MISSISSIPPIAN

GIRTYELLA WELLER 1911

MISSISSIPPIAN

HARTTELLA BELL 1929

MISSISSIPPIAN

BEECHERIA HALL & CLARKE 1893

MISSISSIPPIAN-PERMI

AN

DIELASMA KING 1859

MISSISSIPPIAN-PERMI

AN

PETRIA MENDES 1961

PENNSYLVANIAN

OLIGOTHYRINA COOPER 1956

PENNSYLVANIAN-PERMI

AN

AMUROTHYRIS KOCZYRKEVICZ 1976

PERMIAN

AMYGDALOCOSTA WATERHOUSE 1967

PERMIAN

ANEUTHELASMA COOPER & GRANT 1976

PERMIAN

CAMARELASMA COOPER & GRANT 1976

PERMIAN

DIELASMINA WAAGEN 1882

PERMIAN

ECTOPOSIA COOPER & GRANT 1976

PERMIAN

ELASMATA WATERHOUSE 1982

PERMIAN

EREMITHYRIS BRUGGE 1973

PERMIAN

FLETCHERITHYRIS CAMPBELL 1965

PERMIAN

GEFONIA LICHAREW 1936

PERMIAN

GILLEDIA STEHLI 1961

PERMIAN

HEMIPTYCHINA WAAGEN 1882

PERMIAN

HETERELASMINA LICHAREW 1939

PERMIAN

HOSKINGIA CAMPBELL 1965

PERMIAN

JISUINA GRABAU 1931

PERMIAN

LABAIA LICHAREW 1956

PERMIAN

LATIFLEXA KOCZYRKEVICZ 1984

PERMIAN

LENGWUELLA LIANG 1990

PERMIAN

LOWENSTAMIA STEHLI 1961

PERMIAN

MAORIELASMA WATERHOUSE 1964

PERMIAN

MARINURNULA WATERHOUSE 1964

PERMIAN

MIMARIA COOPER & GRANT 1976

PERMIAN

MONGOLINA GRABAU 1931

PERMIAN

MORRISINA GRABAU 1931

PERMIAN

NOTOTHYRINA LICHAREW 1936

PERMIAN

PERMICOLA KOCZYRKEVICZ 1976

PERMIAN

PHYLLOLASMA LIANG 1990

PERMIAN

PLECTELASMA COOPER & GRANT 1969

PERMIAN

PLEURELASMA COOPER & GRANT 1976

PERMIAN

PRAEANGUSTOTHYRIS KOCZYRKEVICZ 1984

PERMIAN

PSEUDODIELASMA BRILL 1940

PERMIAN

PSEUDOHARTTINA LICHAREW 1934

PERMIAN

PSEUDOJISUINA LIANG 1990

PERMIAN

PSEUDOLABAIA CHING & YE 1979

PERMIAN

PSEUDOROSTRANTERIS GLUSHENKO 1975

PERMIAN

ROSTRANTERIS GEMMELLARO 1899

PERMIAN

SICHUANOTHYRIS SHEN, HE & ZHU 1992

PERMIAN

TACINIA GLUSHENKO 1975

PERMIAN

WHITSPAKIA STEHLI 1964

PERMIAN

YOCHELSONIA STEHLI 1961

PERMIAN

ZHONGLIANGSHANIA SHEN, HE & ZHU 1992

PERMIAN

ADYGELLA DAGYS 1959

TRIASSIC

ADYGELLOIDES DAGYS 1959

TRIASSIC

ADYGELLOPSIS SUN & SHI 1985

TRIASSIC

ANADYRELLA DAGYS 1974

TRIASSIC

ANTEZEILLERIA XU & LIU 1983

TRIASSIC

ARCOSARINA CHING, SUN & YE 1979

TRIASSIC

ARCTOTHYRIS DAGYS 1965

TRIASSIC

ASPIDOTHYRIS DIENER 1908

TRIASSIC

CAUCASOTHYRIS DAGYS 1974

TRIASSIC

COENOTHYRIS DOUVILLE 1879

TRIASSIC

COSTOCONCHA CHING, SUN & YE 1979

TRIASSIC

CRURATULA BITTNER 1890

TRIASSIC

CUBANOTHYRIS DAGYS 1959

TRIASSIC

CYSTOTHYRIS SUN 1981

TRIASSIC

DAREITHYRIS SIBLIK 1991

TRIASSIC

DINARELLA BITTNER 1892

TRIASSIC

EMEITHYRIS XU 1978

TRIASSIC

EPITHYROIDES XU 1978

TRIASSIC

FLETCHERITHYROIDES DAGYS 1977

TRIASSIC

JUVAVELLA BITTNER 1888

TRIASSIC

JUVAVELLINA BITTNER 1896

TRIASSIC

NINGLANGOTHYRIS JIN & FANG 1977

TRIASSIC

NUCLEATULA BITTNER 1888

TRIASSIC

PARADOXOTHYRIS XU 1978

TRIASSIC

PARADYGELLA LIAO & SUN 1974

TRIASSIC

PARAHEMIPTYCHINA CHEN, RAO 1986

TRIASSIC

PIRITHYRIS SUN & YE 1982

TRIASSIC

PORTNEUFIA HOOVER 1979

TRIASSIC

PRAECUBANOTHYRIS DAGYS 1974

TRIASSIC

PRAERHAETINA RADULOVIC & UROSEVIC 1988

TRIASSIC

PROANADYRELLA XU & LIU 1983

TRIASSIC

PROPYGOPE BITTNER 1890

TRIASSIC

PSEUDOPYGOIDES XU 1978

TRIASSIC

RHAETINA WAAGEN 1882

TRIASSIC

RHAETINOPSIS YANG & XU 1966

TRIASSIC

SANQIAOTHYRIS YANG & XU 1966

TRIASSIC

SULCATINELLA DAGYS 1974

TRIASSIC

SULCATOTHYRIS DAGYS 1974

TRIASSIC

TIBETOTHYRIS CHING & SUN 1976

TRIASSIC

TOSUHUTHYRIS SUN & YE 1982

TRIASSIC

TUNETHYRIS CALZADA 1994

TRIASSIC

WITTENBURGELLA DAGYS 1959

TRIASSIC

ZUGMAYERIA WAAGEN 1882

TRIASSIC

SUPERFAMILY: DISCINACEA

ARQUINISCA RADWANSKA & RADWANSKI 1994

CRETACEOUS

LINGULODISCINA WHITFIELD 1890

DEVONIAN

LJASCHENKOVIA BATRUKOVA 1969

DEVONIAN

LOCHKOTHELE HAVLICEK & MERGL 1988

DEVONIAN

ORBICULOPORA BATRUKOVA 1969

DEVONIAN

SCHIZOBOLUS ULRICH 1886

DEVONIAN

ROEMERELLA HALL & CLARKE 1890

DEVONIAN & PERMIAN

LINDSTROEMELLA HALL & CLARKE 1890

DEVONIAN-PENNSYLVAN

IAN

OEHLERTELLA HALL & CLARKE 1890

MISSISSIPPIAN-PENNS

YLVANIAN

CHRUSTENOTRETA HAVLICEK 1994

ORDOVICIAN

DRABODISCINA HAVLICEK 1972

ORDOVICIAN

ORBICULOTHYRIS WOLFART 1968

ORDOVICIAN

OXLOSIA ULRICH & COOPER 1936

ORDOVICIAN

SCHIZOTRETINIA HAVLICEK 1994

ORDOVICIAN

TETHYRETE HAVLICEK 1994

ORDOVICIAN

TREMATIS SHARPE 1848

ORDOVICIAN

SCHIZOCRANIA HALL & WHITFIELD 1875

ORDOVICIAN-DEVONIAN

ORBICULOIDEA ORBIGNY 1847

ORDOVICIAN-PERMIAN

ACROSACCUS WILLARD 1928

ORDOVICIAN-SILURIAN

SCHIZOTRETA KUTORGA 1848

ORDOVICIAN-SILURIAN

DISCINA LAMARCK 1819

RECENT

DISCRADISCA STENZEL 1964

RECENT

PELAGODISCUS DALL 1908

RECENT

KOSOIDEA HAVLICEK & MERGL 1988

SILURIAN

DISCINISCA DALL 1871

TRIASSIC-RECENT

SUPERFAMILY: DOLICHOMOCELYPHACEA

DOLICHOMOCELYPHA LIU 1987

CAMBRIAN

SUPERFAMILY: EICHWALDIACEA

AULACORHYNA STRAND 1928

CARBONIFEROUS-PERMI

AN

ISOGRAMMA MEEK & WORTHEN 1870

CARBONIFEROUS-PERMI

AN

EICHWALDIA BILLINGS 1858

ORDOVICIAN

MEGAPLEURONIA COOPER 1952

PERMIAN

SCHIZOPLEURONIA LIAO 1983

PERMIAN

EODICTYONELLA WRIGHT 1994

SILURIAN

SUPERFAMILY: ENTELETACEA

NEOSCHIZOPHORIA YANAGIDA 1983

CARBONIFEROUS

AULACELLA SCHUCHERT & COOPER 1931

DEVONIAN

BIERNATIUM HAVLICEK 1975

DEVONIAN

CARINIFERELLA SCHUCHERT & COOPER 1931

DEVONIAN

CLAVODALEJINA HAVLICEK 1977

DEVONIAN

CORDATOMYONIA BOUCOT, GAURI & JOHNSON 1966

DEVONIAN

CYCLADIGERA HAVLICEK 1971

DEVONIAN

DALEJINA HAVLICEK 1953

DEVONIAN

DALMANELLOPSIS KHALFIN 1948

DEVONIAN

DISCOMYORTHIS JOHNSON 1970

DEVONIAN

EOSOPHRAGMOPHORA WANG 1974

DEVONIAN

FASCIZETINA HAVLICEK 1975

DEVONIAN

FULCRIPHORIA CARLS 1974

DEVONIAN

HYPSOMYONIA COOPER 1955

DEVONIAN

KAYSERELLA HALL & CLARKE 1892

DEVONIAN

LOGANELLA BOUCOT & AMSDEN 1958

DEVONIAN

MEGASALOPINA BOUCOT, GAURI & JOHNSON 1966

DEVONIAN

MINIPROKOPIA HAVLICEK 1971

DEVONIAN

MONELASMINA COOPER 1955

DEVONIAN

MURIFERELLA JOHNSON & TALENT 1967

DEVONIAN

MYSTROPHORA KAYSER 1871

DEVONIAN

PARMORTHINA HAVLICEK 1975

DEVONIAN

PELEICOSTELLA HAVLICEK 1971

DEVONIAN

PERIDALEJINA HAVLICEK 1973

DEVONIAN

PHRAGMOPHORA COOPER 1955

DEVONIAN

PROKOPIA HAVLICEK 1953

DEVONIAN

PROSCHIZOPHORIA MAILLIEUX 1912

DEVONIAN

PROTOPHRAGMAPORA ALEKSEEVA 1967

DEVONIAN

REEFTONIA ALLAN 1947

DEVONIAN

RHIPIDOMELLOIDES BOUCOT & AMSDEN 1958

DEVONIAN

SPHENOPHRAGMUS IMBRIE 1959

DEVONIAN

TEICHERTINA VEEVERS 1959

DEVONIAN

TROPIDOLEPTUS HALL 1857

DEVONIAN

VALLOMYONIA JOHNSON 1966

DEVONIAN

ZLICHOPYRAMIS HAVLICEK 1975

DEVONIAN

THIEMELLA WILLIAMS 1908

DEVONIAN-MISSISSIPP

IAN

AULACOPHORIA SCHUCHERT & COOPER 1931

MISSISSIPPIAN

PARASCHIZOPHORIA LAZAREV 1976

MISSISSIPPIAN

POCOCKIA LAZAREV 1976

MISSISSIPPIAN

PERDITOCARDINIA SCHUCHERT & COOPER 1931

MISSISSIPPIAN-PERMI

AN

ANGUSTICARDINIA SCHUCHERT & COOPER 1931

ORDOVICIAN

APATORTHIS OPIK 1933

ORDOVICIAN

ARENORTHIS HAVLICEK 1970

ORDOVICIAN

BAGNORTHIS LEVY & NULLO 1974

ORDOVICIAN

BANCROFTINA SINCLAIR 1946

ORDOVICIAN

BOTICIUM HAVLICEK & MERGL 1982

ORDOVICIAN

BOWANORTHIS PERCIVAL 1991

ORDOVICIAN

CACEMIA MITCHELL 1974

ORDOVICIAN

CHRUSTENOPORA HAVLICEK 1968

ORDOVICIAN

CILINELLA HAVLICEK 1970

ORDOVICIAN

COMATOPOMA HAVLICEK 1950

ORDOVICIAN

CRASSIORINA HAVLICEK 1950

ORDOVICIAN

CRISTIFERINA COOPER 1956

ORDOVICIAN

CROZONORTHIS MELOU 1976

ORDOVICIAN

CRYPTOTHYRIS BANCROFT 1945

ORDOVICIAN

CYCLOMYONIA COOPER 1956

ORDOVICIAN

DEDZETINA HAVLICEK 1950

ORDOVICIAN

DESTOMBESIUM HAVLICEK 1971

ORDOVICIAN

DICEROMYONIA WANG 1949

ORDOVICIAN

DIORTHELASMA COOPER 1956

ORDOVICIAN

DRABORTHIS MAREK & HAVLICEK 1967

ORDOVICIAN

DRABOVIA HAVLICEK 1950

ORDOVICIAN

DRABOVINELLA HAVLICEK 1950

ORDOVICIAN

DYSPROSORTHIS RONG 1984

ORDOVICIAN

ELASMOTHYRIS COOPER 1956

ORDOVICIAN

ELSAELLA ALICHOVA 1960

ORDOVICIAN

EODALMANELLA HAVLICEK 1950

ORDOVICIAN

EODIORTHELASMA XU & LIU 1984

ORDOVICIAN

EORHIPIDOMELLA HINTS 1971

ORDOVICIAN

EPITOMYONIA WRIGHT 1968

ORDOVICIAN

EREMOTREMA COOPER 1956

ORDOVICIAN

FASCIFERA ULRICH & COOPER 1942

ORDOVICIAN

FEHAMYA MERGL 1983

ORDOVICIAN

HARKNESSELLA REED 1917

ORDOVICIAN

HETERORTHINA BANCROFT 1928

ORDOVICIAN

HETERORTHIS HALL & CLARKE 1892

ORDOVICIAN

HORDERLEYELLA BANCROFT 1928

ORDOVICIAN

HOWELLITES BANCROFT 1945

ORDOVICIAN

KARLICIUM HAVLICEK 1974

ORDOVICIAN

KINNELLA BERGSTROM 1968

ORDOVICIAN

LATICRURA COOPER 1956

ORDOVICIAN

MESODALMANELLA HAVLICEK 1950

ORDOVICIAN

MIRORTHIS ZENG 1983

ORDOVICIAN

NEREIDELLA WANG 1955

ORDOVICIAN

NOCTURNELLIA HAVLICEK 1950

ORDOVICIAN

OANDUPORELLA HINTS 1975

ORDOVICIAN

ONNIELLA BANCROFT 1928

ORDOVICIAN

ONNIZETINA HAVLICEK 1974

ORDOVICIAN

PAUCICRURA COOPER 1956

ORDOVICIAN

PAURORTHINA RUBEL 1961

ORDOVICIAN

PAURORTHIS SCHUCHERT & COOPER 1931

ORDOVICIAN

PIONODEMA FOERSTE 1912

ORDOVICIAN

PLANOHARKNESSELLA HAVLICEK 1950

ORDOVICIAN

PROTOMENDACELLA HAVLICEK 1970

ORDOVICIAN

RAVOZETINA HAVLICEK 1974

ORDOVICIAN

REUSCHELLA BANCROFT 1928

ORDOVICIAN

RHYNCHORTHIS BATES 1968

ORDOVICIAN

SALOPIA WILLIAMS 1955

ORDOVICIAN

SIGMELASMA POTTER 1990

ORDOVICIAN

SIGOPALLUS LIU & LIU 1985

ORDOVICIAN

SMEATHENELLA BANCROFT 1928

ORDOVICIAN

SOUDLEYELLA BANCROFT 1945

ORDOVICIAN

SVOBODAINA HAVLICEK 1950

ORDOVICIAN

TAFILALTIA HAVLICEK 1970

ORDOVICIAN

TISSINTIA HAVLICEK 1970

ORDOVICIAN

TRUCIZETINA HAVLICEK 1974

ORDOVICIAN

TYRONELLA MITCHELL 1977

ORDOVICIAN

VILLICUNDELLA LEVY & NULLO 1974

ORDOVICIAN

VIRGORIA NEUMAN 1977

ORDOVICIAN

WYSOGORSKIELLA HINTS 1975

ORDOVICIAN

DICOELOSIA KING 1850

ORDOVICIAN-DEVONIAN

MENDACELLA COOPER 1930

ORDOVICIAN-DEVONIAN

DALMANELLA HALL & CLARKE 1892

ORDOVICIAN-SILURIAN

HIRNANTIA LAMONT 1935

ORDOVICIAN-SILURIAN

WATTSELLA BANCROFT 1928

ORDOVICIAN-SILURIAN

ENTELETOIDES STUCKENBERG 1905

PENNSYLVANIAN

ENTELETES FISCHER 1825

PENNSYLVANIAN-PERMI

AN

ENTELETINA SCHUCHERT & COOPER 1931

PENNSYLVANIAN-PERMI

AN

ORTHOTICHIA HALL & CLARKE 1892

PENNSYLVANIAN-PERMI

AN

PARENTELETES KING 1931

PENNSYLVANIAN-PERMI

AN

SYNTRILASMA MEEK & WORTHEN 1865

PENNSYLVANIAN-PERMI

AN

ACOSARINA COOPER & GRANT 1969

PERMIAN

ENTELETELLA LICHAREW 1926

PERMIAN

KOTLAIA GRANT 1993

PERMIAN

MAPINGTICHIA LEE 1986

PERMIAN

PELTICHIA JING & LIAO 1981

PERMIAN

SUNACOSARINA LIANG 1990

PERMIAN

TONGZITHYRIS CHING, LIAO & FANG 1974

PERMIAN

AMBONORTHELLA BASSETT 1972

SILURIAN

BOUSKIA HAVLICEK 1975

SILURIAN

ELEGESTA VLADIMIRSKAYA 1985

SILURIAN

EOSCHIZOPHORIA RONG & YANG 1980

SILURIAN

HETERORTHELLA HARPER, BOUCOT & WALMSLEY 1969

SILURIAN

IDIORTHIS MCLEARN 1924

SILURIAN

KAMPELLA BAARLI 1988

SILURIAN

LEPTOSKELIDION AMSDEN 1974

SILURIAN

LINOPORELLA SCHUCHERT & COOPER 1931

SILURIAN

MARKLANDELLA HARPER, BOUCOT & WALMSLEY 1969

SILURIAN

ORTHOTROPIA HALL & CLARKE 1893

SILURIAN

OVALELLA WALMSLEY & BOUCOT 1975

SILURIAN

PALAEOSCHIZOPHORIA FU 1982

SILURIAN

PARMORTHIS SCHUCHERT & COOPER 1931

SILURIAN

PSEUDODICOELOSIA BOUCOT & AMSDEN 1958

SILURIAN

PSEUDOMENDACELLA ZHANG 1989

SILURIAN

RESSERELLA BANCROFT 1928

SILURIAN

SALOPINELLA YANG & RONG 1982

SILURIAN

STRIXELLA BOUCOT & AMSDEN 1958

SILURIAN

TEMPLEELLA ROZMAN & RONG 1993

SILURIAN

VISBYELLA WALMSLEY & AL 1968

SILURIAN

ARCUALLA WALMSLEY & BOUCOT 1975

SILURIAN-DEVONIAN

BATURRIA CARLS 1974

SILURIAN-DEVONIAN

FASCICOSTELLA SCHUCHERT & COOPER 1931

SILURIAN-DEVONIAN

ISORTHIS KOZLOWSKI 1929

SILURIAN-DEVONIAN

LEVENEA SCHUCHERT & COOPER 1931

SILURIAN-DEVONIAN

PLATYORTHIS SCHUCHERT & COOPER 1931

SILURIAN-DEVONIAN

SALOPINA BOUCOT 1960

SILURIAN-DEVONIAN

TALENTELLA JOHNSON 1990

SILURIAN-DEVONIAN

SCHIZOPHORIA KING 1850

SILURIAN-PERMIAN

SUPERFAMILY: GONAMBONITACEA

ANCHIGONITES OPIK 1939

ORDOVICIAN

ANOMALORTHIS ULRICH & COOPER 1936

ORDOVICIAN

ANTIGONAMBONITES OPIK 1934

ORDOVICIAN

ESTLANDIA SCHUCHERT & COOPER 1931

ORDOVICIAN

GONAMBONITES PANDER 1830

ORDOVICIAN

JAANUSSONITES NEUMAN 1977

ORDOVICIAN

KULLERVO OPIK 1932

ORDOVICIAN

LACUNARITES OPIK 1934

ORDOVICIAN

OSLOGONITES OPIK 1939

ORDOVICIAN

PROGONAMBONITES OPIK 1934

ORDOVICIAN

RAUNITES OPIK 1939

ORDOVICIAN

SUPERFAMILY: GYPIDULACEA

GYPIDULOIDES SAVAGE & BAXTER 1995

DEVONIAN

IVDELINIELLA KIM 1981

DEVONIAN

LYSIGYPA HAVLICEK 1990

DEVONIAN

ASCANIGYPA HAVLICEK 1990

SILURIAN

GALEATAGYPA SAPELNIKOV 1981

SILURIAN-DEVONIAN

SUPERFAMILY: HEOSOMOCELYPHACEA

HEOSOMOCELYPHA LIU 1987

CAMBRIAN

SUPERFAMILY: KONINCKINACEA

AMPHICLINA LAUBE 1865

TRIASSIC

CARINOKONINCKINA JIN & FANG 1977

TRIASSIC

CTENOKONINCKINA XU 1978

TRIASSIC

KONINCKINA SUESS 1853

TRIASSIC

KONINCKODONTA BITTNER 1893

TRIASSIC

LAMELLOKONINCKINA JIN & FANG 1977

TRIASSIC

SEPTAMPHICLINA JIN & FANG 1977

TRIASSIC

AMPHICLINODONTA BITTNER 1888

TRIASSIC-JURASSIC

KONINCKELLA MUNIER-CHALMAS 1880

TRIASSIC-JURASSIC

SUPERFAMILY: KUTORGINACEA

AGYREKIA KONEVA 1979

CAMBRIAN

HAUPIRIA MACKINNON 1983

CAMBRIAN

KHASAGTINA USHATINSKAIA 1987

CAMBRIAN

KUTORGINA BILLINGS 1861

CAMBRIAN

QUEBECIA WALCOTT 1905

CAMBRIAN

RUSTELLA WALCOTT 1905

CAMBRIAN

SCHUCHERTINA WALCOTT 1905

CAMBRIAN

TREMATOSIA COOPER 1976

CAMBRIAN

YORKIA WALCOTT 1897

CAMBRIAN

SUPERFAMILY: LINGULACEA

ABORIGINELLA KONEVA 1983

CAMBRIAN

AKSARINAIA KONEVA 1992

CAMBRIAN

ARAKTINA KONEVA 1992

CAMBRIAN

BOMINA KOROVNIKOV & USHATINSKAIA 1994

CAMBRIAN

CANALILATUS PELMAN 1983

CAMBRIAN

CHAKASSILINGULA USHATINSKAIA 1992

CAMBRIAN

CLIVOSILINGULA USHATINSKAIA 1993

CAMBRIAN

DICELLOMUS HALL 1871

CAMBRIAN

EXPERILINGULA KONEVA & POPOV 1983

CAMBRIAN

FORDINIA WALCOTT 1908

CAMBRIAN

FOSSULIELLA POPOV & USHATINSKAIA 1992

CAMBRIAN

HELIOMEDUSA SUN & HOU 1987

CAMBRIAN

KYRSHABAKTELLA KONEVA 1986

CAMBRIAN

LINDINELLA MERGL & SLEHOFEROVA 1990

CAMBRIAN

LINGULELLOTRETA KONEVA 1983

CAMBRIAN

NOTIOBOLUS POPOV 1981

CAMBRIAN

OBOLOPSIS SAITO 1936

CAMBRIAN

OEPIKITES KHAZANOVITCH & POPOV 1984

CAMBRIAN

PALAEOBOLUS MATTHEW 1899

CAMBRIAN

PALAEOSCHMIDTITES KONEVA 1979

CAMBRIAN

PELMANIA KONEVA 1992

CAMBRIAN

PLICATOLINGULA LIU 1979

CAMBRIAN

PSEUDODICELLOMUS BELL 1962

CAMBRIAN

RALFIA POPOV & KHAZANOVITCH 1989

CAMBRIAN

REBROVIA POPOV & KHAZANOVITCH 1989

CAMBRIAN

SINOGLOSSA MEI 1993

CAMBRIAN

TROPIDOGLOSSA ROWELL 1966

CAMBRIAN

VACULINA KONEVA 1992

CAMBRIAN

VASSILKOVIA POPOV & KHAZANOVITCH 1989

CAMBRIAN

ZHANATELLA KONEVA 1986

CAMBRIAN

BROEGGERIA WALCOTT 1902

CAMBRIAN-ORDOVICIAN

ELKANIA FORD 1886

CAMBRIAN-ORDOVICIAN

EOOBOLUS MATTHEW 1902

CAMBRIAN-ORDOVICIAN

LEPTEMBOLON MICKWITZ 1896

CAMBRIAN-ORDOVICIAN

LINGULELLA SALTER 1866

CAMBRIAN-ORDOVICIAN

LINGULEPIS HALL 1863

CAMBRIAN-ORDOVICIAN

OBOLUS EICHWALD 1829

CAMBRIAN-ORDOVICIAN

UNGULA PANDER 1830

CAMBRIAN-ORDOVICIAN

WESTONIA WALCOTT 1901

CAMBRIAN-ORDOVICIAN

LACHRYMULA GRAHAM 1970

CARBONIFEROUS

LIRALINGUA GRAHAM 1970

CARBONIFEROUS

TRIGONOGLOSSA DUNBAR & CONDRA 1932

CARBONIFEROUS

LINGULARIA BIERNAT & EMIG 1993

CARBONIFEROUS-CRETA

CEOUS

APSILINGULA WILLIAMS 1977

DEVONIAN

BICARINATINA BATRUKOVA 1969

DEVONIAN

DIGNOMIA HALL 1872

DEVONIAN

LAIMA GRAVITIS 1981

DEVONIAN

TARUTIGLOSSA HAVLICEK 1984

DEVONIAN

TIMALINA BATRUKOVA 1969

DEVONIAN

WADIGLOSSA HAVLICEK 1984

DEVONIAN

LINGULIPORA GIRTY 1898

DEVONIAN-PENNSYLVAN

IAN

ACANTHAMBONIA COOPER 1956

ORDOVICIAN

AGALATASSIA POPOV & HOLMER 1994

ORDOVICIAN

ANDOBOLUS KOZLOWSKI 1930

ORDOVICIAN

ANOMALOGLOSSA PERCIVAL 1978

ORDOVICIAN

ANX HAVLICEK 1980

ORDOVICIAN

APATOBOLUS POPOV 1980

ORDOVICIAN

AULONOTRETA KUTORGA 1848

ORDOVICIAN

BARBATULELLA WILLIAMS & LOCKLEY 1983

ORDOVICIAN

BISTRAMIA HOEK 1912

ORDOVICIAN

CASQUELLA PERCIVAL 1978

ORDOVICIAN

DICTYOBOLUS WILLIAMS & CURRY 1985

ORDOVICIAN

ECTENOGLOSSA SINCLAIR 1945

ORDOVICIAN

ELKANISCA HAVLICEK 1982

ORDOVICIAN

ELLIPTOGLOSSA COOPER 1956

ORDOVICIAN

EXPELLOBOLUS HAVLICEK 1982

ORDOVICIAN

FEZZANOGLOSSA HAVLICEK 1973

ORDOVICIAN

FOVEOLA GORJANSKY 1969

ORDOVICIAN

GLOSSELLA COOPER 1956

ORDOVICIAN

GLYPTOGLOSSELLA COOPER 1960

ORDOVICIAN

HYPEROBOLUS HAVLICEK 1982

ORDOVICIAN

KESKENTASSIA POPOV & HOLMER 1994

ORDOVICIAN

LEONTIELLA YADRENKINA 1982

ORDOVICIAN

LEPTOBOLUS HALL 1871

ORDOVICIAN

LIBYAEGLOSSA HAVLICEK 1973

ORDOVICIAN

LINGULASMA ULRICH 1889

ORDOVICIAN

LINGULOBOLUS MATTHEW 1895

ORDOVICIAN

MIRILINGULA POPOV 1983

ORDOVICIAN

MONOBOLINA SALTER 1866

ORDOVICIAN

PACHYGLOSSELLA COOPER 1960

ORDOVICIAN

PALAEOGLOSSA COCKERELL 1911

ORDOVICIAN

PALDISKIA GORJANSKY 1969

ORDOVICIAN

PALDISKITES HAVLICEK 1982

ORDOVICIAN

PARACRANIOPS WILLIAMS 1963

ORDOVICIAN

PATERULA BARRANDE 1879

ORDOVICIAN

PIDIOBOLUS MERGL 1995

ORDOVICIAN

PIZARROA HOEK 1912

ORDOVICIAN

PLECTOGLOSSA COOPER 1956

ORDOVICIAN

PSEUDOBOLUS COOPER 1956

ORDOVICIAN

PSEUDOLINGULA MICKWITZ 1909

ORDOVICIAN

PSEUDOPHOLIDOPS BEKKER 1921

ORDOVICIAN

QUASITHAMBONIA BEDNARCZYK & BIERNAT 1978

ORDOVICIAN

RAFANOGLOSSA HAVLICEK 1980

ORDOVICIAN

ROSOBOLUS HAVLICEK 1982

ORDOVICIAN

ROWELLELLA WRIGHT 1963

ORDOVICIAN

SCHMIDTITES SCHUCHERT & LEVENE 1929

ORDOVICIAN

SPHAEROBOLUS MATTHEW 1895

ORDOVICIAN

SPINILINGULA COOPER 1956

ORDOVICIAN

SPONDYGLOSSELLA HAVLICEK 1980

ORDOVICIAN

SQUAMILINGULELLA XU 1978

ORDOVICIAN

TENEOBOLUS MERGL 1995

ORDOVICIAN

THYSANOBOLUS HAVLICEK 1982

ORDOVICIAN

THYSANOTOS MICKWITZ 1896

ORDOVICIAN

TILASIA HOLMER 1991

ORDOVICIAN

TOMASINA HALL & CLARKE 1892

ORDOVICIAN

TUNARITES COOPER & MUIR-WOOD 1951

ORDOVICIAN

TUNISIGLOSSA MASSA, HAVLICEK & BONNEFOUS

1977

ORDOVICIAN

WESTONISCA HAVLICEK 1982

ORDOVICIAN

LINGULAPHOLIS SCHUCHERT 1913

ORDOVICIAN-DEVONIAN

CRANIOPS HALL 1859

ORDOVICIAN-MISSISSI

PPIAN

LINGULA BRUGUIERE 1797

ORDOVICIAN-RECENT

PHARETRA BOLTEN 1798

ORDOVICIAN-RECENT

LINGULOPS HALL 1872

ORDOVICIAN-SILURIAN

SANXIAELLA RONG & CHANG 1981

ORDOVICIAN-SILURIAN

LANGELLA MENDES 1961

PENNSYLVANIAN-PERMI

AN

LUNOGLOSSA XU & XIE 1985

PERMIAN

SEMILINGULA POPOV 1990

PERMIAN

SHOUXIANELLA LIU 1983

SILURIAN

BARROISELLA HALL & CLARKE 1892

SILURIAN-MISSISSIPP

IAN

GLOTTIDIA DALL 1870

TERTIARY-RECENT

SUPERFAMILY: LOBOIDOTHYRIDACEA

CONVEXOTHYRIS SMIRNOVA 1994

CRETACEOUS

HARPOTOTHYRIS SMIRNOVA 1990

CRETACEOUS

LISSOTHYRIS SMIRNOVA 1987

CRETACEOUS

MAMETOTHYRIS SMIRNOVA 1969

CRETACEOUS

OKATHYRIS SMIRNOVA 1975

CRETACEOUS

PECULNEITHYRIS SMIRNOVA 1972

CRETACEOUS

PENZHINOTHYRIS SMIRNOVA 1969

CRETACEOUS

PSEUDOAULACOTHYRIS SMIRNOVA 1990

CRETACEOUS

SIBERIOTHYRIS DAGYS 1968

CRETACEOUS

SPASSKOTHYRIS SMIRNOVA 1975

CRETACEOUS

VOLGATHYRIS SMIRNOVA 1987

CRETACEOUS

BOREIOTHYRIS DAGYS 1968

JURASSIC

BULLOTHYRIS SUCIC-PROTIC 1971

JURASSIC

EURYPTHYRIS OVTSHARENKO 1983

JURASSIC

EXCEPTOTHYRIS SUCIC-PROTIC 1971

JURASSIC

GONIOTHYROPSIS OVTSHARENKO 1983

JURASSIC

INAEQUALIS SUCIC-PROTIC 1971

JURASSIC

KARADAGITHYRIS TCHORSZHEWSKY 1974

JURASSIC

KENDZHILGITHYRIS OVTSHARENKO 1983

JURASSIC

LENOTHYRIS DAGYS 1968

JURASSIC

LOBOIDOTHYROPSIS SUCIC-PROTIC 1971

JURASSIC

MIRISQUAMEA SUCIC-PROTIC 1971

JURASSIC

MUIRWOODELLA TCHORSZHEWSKY 1974

JURASSIC

NEGRAMITHYRIS PROSOROVSKAJA 1985

JURASSIC

ODAROVITHYRIS TCHORSZHEWSKY 1971

JURASSIC

OMOLONOTHYRIS DAGYS 1968

JURASSIC

PAMIROTHYROPSIS OVTSHARENKO 1979

JURASSIC

PIROTOTHYRIS SUCIC-PROTIC 1971

JURASSIC

PRAEGONIOTHYRIS OVTSHARENKO 1983

JURASSIC

PYRAENEICA SUCIC-PROTIC 1971

JURASSIC

SENOKOSICA SUCIC-PROTIC 1971

JURASSIC

SERBIOTHYRIS SUCIC-PROTIC 1971

JURASSIC

SQUAMIPLANA SUCIC-PROTIC 1971

JURASSIC

SVALJAVITHYRIS TCHORSZHEWSKY 1974

JURASSIC

TAIMYROTHYRIS DAGYS 1968

JURASSIC

TSHEMSARYTHYRIS OVTSHARENKO 1983

JURASSIC

VILIGOTHYRIS DAGYS 1968

JURASSIC

VLADIMIRELLA POPOV 1994

JURASSIC

LAEVITHYRIS DAGYS 1974

TRIASSIC

SUPERFAMILY: LYTTONIACEA

DICYSTOCONCHA TERMIER & AL 1974

PENNSYLVANIAN-PERMI

AN

EOLYTTONIA FREDERICKS 1924

PENNSYLVANIAN-PERMI

AN

KEYSERLINGINA TSCHERNYSCHEW 1902

PENNSYLVANIAN-PERMI

AN

POIKILOSAKOS WATSON 1917

PENNSYLVANIAN-PERMI

AN

URALINA SCHUCHERT & LEVENE 1929

PENNSYLVANIAN-PERMI

AN

ADRIANA GREGORIO 1930

PERMIAN

CARDINOCRANIA WAAGEN 1885

PERMIAN

CHAOELLA LICHAREW 1931

PERMIAN

CHOANODUS COOPER & GRANT 1974

PERMIAN

COLLEMATARIA COOPER & GRANT 1974

PERMIAN

COSCINOPHORA COOPER & STEHLI 1955

PERMIAN

DIGITIA GREGORIO 1930

PERMIAN

DIPUNCTELLA LIANG 1982

PERMIAN

GUBLERIA TERMIER & TERMIER 1960

PERMIAN

JUXOLDHAMINA LIANG 1990

PERMIAN

LEPTODUS KAYSER 1883

PERMIAN

LITOCOTHIA GRANT 1976

PERMIAN

LOXOPHRAGMUS COOPER & GRANT 1974

PERMIAN

LYTTONIA WAAGEN 1883

PERMIAN

MATANOLEPTODUS LIAO 1983

PERMIAN

OLDHAMINA WAAGEN 1883

PERMIAN

OLDHAMINELLA WANNER & SIEVERTS 1935

PERMIAN

PALAEOLDHAMINA LIANG 1982

PERMIAN

PARAKEYSERLINGINA FREDERICKS 1916

PERMIAN

PARALEPTODUS LEE & GU 1980

PERMIAN

PARALYTTONIA WANNER & SIEVERTS 1935

PERMIAN

PETASMAIA COOPER & GRANT 1969

PERMIAN

PIRGULIA COOPER & MUIR-WOOD 1951

PERMIAN

PSEUDOLEPTODUS STEHLI 1956

PERMIAN

RIGBYELLA STEHLI 1956

PERMIAN

SCELETONIA COOPER & GRANT 1974

PERMIAN

SEMIGUBLERINA LIANG 1990

PERMIAN

SPINOLYTTONIA SARYTCHEVA 1964

PERMIAN

STITA GREGORIO 1930

PERMIAN

VINCIA GREGORIO 1930

PERMIAN

LATERISPINA WANG & JIN 1991

PERMIAN

BACTRYNIUM EMMRICH 1855

TRIASSIC

SUPERFAMILY: MARTINIACEA

GLENDONIA MCCLUNG & ARMSTRONG 1978

PERMIAN

SUPERFAMILY: MEGATHYRIDACEA

EVARGYROTHECA MACKINNON & SMIRNOVA 1995

CRETACEOUS

KRIMARGYROTHECA MACKINNON & SMIRNOVA 1995

CRETACEOUS

SUPERFAMILY: MENTZELACEA

MADOIA SUN & YE 1982

TRIASSIC

SUPERFAMILY: MONGOLELLACEA

MONGOLELLA ALEKSEEVA 1976

DEVONIAN

SUPERFAMILY: OBOLELLACEA

ALISINA ROWELL 1962

CAMBRIAN

BICIA WALCOTT 1901

CAMBRIAN

BREVIPELTA GEYER 1994

CAMBRIAN

IVSHINELLA KONEVA 1979

CAMBRIAN

MAGNICANALIS ROWELL 1962

CAMBRIAN

MONOCONVEXA PELMAN 1977

CAMBRIAN

NOCHOROIELLA PELMAN 1983

CAMBRIAN

OBOLELLA BILLINGS 1861

CAMBRIAN

PROTOBOLUS LIU 1979

CAMBRIAN

PROTOSIPHON MATTHEW 1897

CAMBRIAN

SIBIRIA GORJANSKY 1977

CAMBRIAN

TREMATOBOLUS MATTHEW 1893

CAMBRIAN

SUPERFAMILY: ORTHACEA

AMBARDELLA ANDREEVA 1987

CAMBRIAN

ARCTOHEDRA COOPER 1936

CAMBRIAN

AUSTROHEDRA ROBERTS 1990

CAMBRIAN

BAJANORTHIS ANDREEVA 1968

CAMBRIAN

BOHEMIELLA SCHUCHERT & COOPER 1931

CAMBRIAN

BRAHIMORTHIS HAVLICEK 1971

CAMBRIAN

CHILIDORTHIS HAVLICEK 1972

CAMBRIAN

CYMBRICIA ROBERTS 1990

CAMBRIAN

DIRAPHORA BELL 1941

CAMBRIAN

ENGENELLA ANDREEVA 1987

CAMBRIAN

EOORTHIS WALCOTT 1908

CAMBRIAN

FASCICULINA COOPER 1952

CAMBRIAN

GLAPHYRORTHIS ROBERTS 1990

CAMBRIAN

JAMESELLA WALCOTT 1905

CAMBRIAN

LEIORIA COOPER 1976

CAMBRIAN

LOPERIA WALCOTT 1905

CAMBRIAN

MARCHARELLA ANDREEVA 1968

CAMBRIAN

MURRINYINELLA KRUSE 1990

CAMBRIAN

OLIGOMYS SCHUCHERT & COOPER 1931

CAMBRIAN

ORUSIA WALCOTT 1905

CAMBRIAN

OTUSIA WALCOTT 1905

CAMBRIAN

POMPECKIUM HAVLICEK 1970

CAMBRIAN

PROTORTHIS HALL & CLARKE 1892

CAMBRIAN

SHIRAGIA KOBAYASHI 1935

CAMBRIAN

TURARELLA ANDREEVA 1987

CAMBRIAN

WIMANELLA WALCOTT 1908

CAMBRIAN

APHEOORTHIS ULRICH & COOPER 1936

CAMBRIAN-ORDOVICIAN

FINKELNBURGIA WALCOTT 1905

CAMBRIAN-ORDOVICIAN

OCNERORTHIS BELL 1941

CAMBRIAN-ORDOVICIAN

COSTISORTHIS HAVLICEK 1974

DEVONIAN

HOLLARDIELLA DROT 1967

DEVONIAN

ORTHIELLA LJASCHENKO 1985

DEVONIAN

SKENIDIUM HALL 1860

DEVONIAN

ABERIA MELOU 1990

ORDOVICIAN

ACANTHORTHIS NEUMAN 1977

ORDOVICIAN

ALTAEORTHIS SEVERGINA 1967

ORDOVICIAN

ALTORTHIS ANDREEVA 1960

ORDOVICIAN

APATOSKENIDIOIDES LIU, ZHU & XUE 1985

ORDOVICIAN

APHEOORTHINA HAVLICEK 1949

ORDOVICIAN

APOLLONORTHIS MITCHELL 1974

ORDOVICIAN

ARCHAEORTHIS SCHUCHERT & COOPER 1931

ORDOVICIAN

ASTRABORTHIS WILLIAMS 1974

ORDOVICIAN

ATLANTIDA HAVLICEK 1971

ORDOVICIAN

AUSTINELLA FOERSTE 1909

ORDOVICIAN

BARBARORTHIS OPIK 1934

ORDOVICIAN

BOONDERELLA PERCIVAL 1991

ORDOVICIAN

BOREADORTHIS OPIK 1934

ORDOVICIAN

BRANDYSIA HAVLICEK 1975

ORDOVICIAN

CAMPYLORTHIS ULRICH & COOPER 1942

ORDOVICIAN

CHAULISTOMELLA COOPER 1956

ORDOVICIAN

CORINEORTHIS STUBBLEFIELD 1939

ORDOVICIAN

CREMNORTHIS WILLIAMS 1963

ORDOVICIAN

CROSSISKENIDIUM WILLIAMS & CURRY 1985

ORDOVICIAN

CYCLOCOELIA FOERSTE 1909

ORDOVICIAN

CYRTONOTELLA SCHUCHERT & COOPER 1931

ORDOVICIAN

DESMORTHIS ULRICH & COOPER 1936

ORDOVICIAN

DINORTHIS HALL & CLARKE 1892

ORDOVICIAN

DIOCHTHOFERA POTTER 1990

ORDOVICIAN

DIPARELASMA ULRICH & COOPER 1936

ORDOVICIAN

DIPLONORTHIS MITCHELL 1977

ORDOVICIAN

DOLEROIDES COOPER 1930

ORDOVICIAN

EOSTROPHOMENA WALCOTT 1905

ORDOVICIAN

ERIPNIFERA POTTER 1990

ORDOVICIAN

EVENKINA ANDREEVA 1961

ORDOVICIAN

EVENKINORTHIS YADRENKINA 1977

ORDOVICIAN

FAMATINORTHIS LEVY & NULLO 1973

ORDOVICIAN

FERRAX HAVLICEK 1975

ORDOVICIAN

FFYNNONIA NEUMAN & BATES 1978

ORDOVICIAN

GELIDORTHIS HAVLICEK 1968

ORDOVICIAN

GLOSSORTHIS OPIK 1930

ORDOVICIAN

GLYPTERINA BOUCOT 1970

ORDOVICIAN

HEBERTELLA HALL & CLARKE 1892

ORDOVICIAN

HESPERONOMIA ULRICH & COOPER 1936

ORDOVICIAN

HESPERONOMIELLA ULRICH & COOPER 1936

ORDOVICIAN

HULTERSTADIA WRIGHT 1993

ORDOVICIAN

HUMAELLA ZHU 1982

ORDOVICIAN

INCORTHIS HAVLICEK & BRANISA 1980

ORDOVICIAN

IRHIREA HAVLICEK 1971

ORDOVICIAN

JEVINELLINA LIU 1983

ORDOVICIAN

JEZERCIA HAVLICEK & MERGL 1982

ORDOVICIAN

JIVINELLA HAVLICEK 1949

ORDOVICIAN

KRATTORTHIS JAANUSSON & BASSETT 1993

ORDOVICIAN

KVANIA HAVLICEK 1994

ORDOVICIAN

LEBEDIORTHIS SEVERGINA 1984

ORDOVICIAN

LEPIDORTHIS WANG 1955

ORDOVICIAN

LOMATORTHIS WILLIAMS & CURRY 1985

ORDOVICIAN

LORDORTHIS ROSS 1959

ORDOVICIAN

MALINELLA ANDREEVA 1982

ORDOVICIAN

MARGINORTHIS LIU, ZHU & XUE 1985

ORDOVICIAN

MARIONITES COOPER & MUIR-WOOD 1951

ORDOVICIAN

MCEWANELLA FOERSTE 1920

ORDOVICIAN

METORTHIS WANG 1955

ORDOVICIAN

MIMELLA COOPER 1930

ORDOVICIAN

MONORTHIS BATES 1968

ORDOVICIAN

MULTICOSTELLA SCHUCHERT & COOPER 1931

ORDOVICIAN

MUNHELLA NEUMAN 1971

ORDOVICIAN

NANORTHIS ULRICH & COOPER 1936

ORDOVICIAN

NICOLELLA REED 1917

ORDOVICIAN

NICOLOIDEA ZENG 1987

ORDOVICIAN

NICOLORTHIS HAVLICEK 1981

ORDOVICIAN

NOTHORTHIS ULRICH & COOPER 1938

ORDOVICIAN

NOTORTHISINA HAVLICEK & BRANISA 1980

ORDOVICIAN

NOTOSCAPHIDIA WILLIAMS & CURRY 1985

ORDOVICIAN

OCORTHIS MELOU 1982

ORDOVICIAN

OLEORTHIS HAVLICEK 1968

ORDOVICIAN

OLIGORTHIS ULRICH & COOPER 1936

ORDOVICIAN

ONEGIA ANDREEV 1993

ORDOVICIAN

ORTHAMBONITES PANDER 1830

ORDOVICIAN

ORTHIDIELLA ULRICH & COOPER 1936

ORDOVICIAN

ORTHIDIUM HALL & CLARKE 1892

ORDOVICIAN

ORTHIS DALMAN 1828

ORDOVICIAN

PANDERINA SCHUCHERT & COOPER 1931

ORDOVICIAN

PARADOLERORTHIS ZENG 1987

ORDOVICIAN

PARALENORTHIS HAVLICEK & BRANISA 1980

ORDOVICIAN

PATERORTHIS HAVLICEK 1971

ORDOVICIAN

PHACELOORTHIS PERCIVAL 1991

ORDOVICIAN

PHRAGMORTHIS COOPER 1956

ORDOVICIAN

PIONORTHIS SCHUCHERT & COOPER 1931

ORDOVICIAN

PLAESIOMYS HALL & CLARKE 1892

ORDOVICIAN

PLANIDORSA SCHUCHERT & COOPER 1931

ORDOVICIAN

PLECTORTHIS HALL & CLARKE 1892

ORDOVICIAN

PLEURORTHIS COOPER 1956

ORDOVICIAN

PORAMBORTHIS HAVLICEK 1949

ORDOVICIAN

PORTRANELLA WRIGHT 1964

ORDOVICIAN

PRANTLINA HAVLICEK 1949

ORDOVICIAN

PRODUCTORTHIS KOZLOWSKI 1927

ORDOVICIAN

PROTOHESPERONOMIA WILLIAMS & CURRY 1985

ORDOVICIAN

PROTOSKENIDIOIDES WILLIAMS 1974

ORDOVICIAN

PSEUDOMIMELLA XU & LIU 1984

ORDOVICIAN

RANORTHIS OPIK 1939

ORDOVICIAN

REPLICOSKENIDIOIDES POTTER 1990

ORDOVICIAN

RETRORSIROSTRA SCHUCHERT & COOPER 1931

ORDOVICIAN

RHACTORTHIS WILLIAMS 1963

ORDOVICIAN

RIOGRANDELLA KOBAYASHI 1937

ORDOVICIAN

ROBERTORTHIS HAVLICEK 1977

ORDOVICIAN

SALACORTHIS WILLIAMS 1974

ORDOVICIAN

SAUCRORTHIS XU, RONG & LIU 1974

ORDOVICIAN

SAUKRODICTYA WRIGHT 1964

ORDOVICIAN

SCAPHORTHIS COOPER 1956

ORDOVICIAN

SCHALIDOMORTHIS BASSETT 1981

ORDOVICIAN

SCHIZOPHORELLA REED 1917

ORDOVICIAN

SEPTORTHIS HINTS 1973

ORDOVICIAN

SEVERGINELLA ROZMAN 1981

ORDOVICIAN

SHOSHONORTHIS JAANUSSON & BASSETT 1993

ORDOVICIAN

SINORTHIS WANG 1955

ORDOVICIAN

SIVORTHIS JAANUSSON & BASSETT 1993

ORDOVICIAN

SONCULINA MISIUS 1986

ORDOVICIAN

SPINORTHIS WRIGHT 1964

ORDOVICIAN

STYXORTHIS MERGL 1991

ORDOVICIAN

SULCATORTHIS ZENG 1987

ORDOVICIAN

SULEVORTHIS JAANUSSON & BASSETT 1993

ORDOVICIAN

TAPHRORTHIS COOPER 1956

ORDOVICIAN

TARFAYA HAVLICEK 1971

ORDOVICIAN

TASMANORTHIS LAURIE 1991

ORDOVICIAN

TAZZARINIA HAVLICEK 1971

ORDOVICIAN

TREIORIA NEUMAN & BATES 1978

ORDOVICIAN

TREMATORTHIS ULRICH & COOPER 1938

ORDOVICIAN

TRONDORTHIS NEUMAN 1974

ORDOVICIAN

TROPIDOTHYRIS COOPER 1956

ORDOVICIAN

TUVINIA ANDREEVA 1982

ORDOVICIAN

VALCOUREA RAYMOND 1911

ORDOVICIAN

WHITTARDIA WILLIAMS 1974

ORDOVICIAN

WULONGELLA ZHU 1985

ORDOVICIAN

XINANORTHIS XU, RONG & LIU 1974

ORDOVICIAN

YICHANGORTHIS ZENG 1987

ORDOVICIAN

ZHEJIANGORTHIS LIANG 1983

ORDOVICIAN

DOLERORTHIS SCHUCHERT & COOPER 1931

ORDOVICIAN-SILURIAN

ERIDORTHIS FOERSTE 1909

ORDOVICIAN-SILURIAN

GIRALDIBELLA HAVLICEK 1977

ORDOVICIAN-SILURIAN

GLYPTORTHIS FOERSTE 1914

ORDOVICIAN-SILURIAN

HESPERORTHIS SCHUCHERT & COOPER 1931

ORDOVICIAN-SILURIAN

PLATYSTROPHIA KING 1850

ORDOVICIAN-SILURIAN

PTYCHOPLEURELLA SCHUCHERT & COOPER 1931

ORDOVICIAN-SILURIAN

SKENIDIOIDES SCHUCHERT & COOPER 1931

ORDOVICIAN-SILURIAN

CINERORTHIS HAVLICEK 1974

SILURIAN

CRASSITESTELLA BAARLI 1995

SILURIAN

EOCYMOSTROPHIA BAARLI 1995

SILURIAN

FLABELLITESIA ZHANG 1989

SILURIAN

GELIDORTHINA HAVLICEK 1974

SILURIAN

GIRALDIELLA BANCROFT 1949

SILURIAN

ORTHOKOPIS BAARLI 1995

SILURIAN

ORTHOSTROPHELLA AMSDEN 1968

SILURIAN

PROTEORTHIS HAVLICEK 1974

SILURIAN

SCHIZORAMMA FOERSTE 1912

SILURIAN

SPONDYLOSTROPHIA KULKOV 1967

SILURIAN

TOXORTHIS TEMPLE 1968

SILURIAN

TUVAELLA TSCHERNYSCHEW 1937

SILURIAN

WANGYUIA ZHANG 1989

SILURIAN

ORTHOSTROPHIA HALL 1883

SILURIAN-DEVONIAN

SUPERFAMILY: ORTHOTETACEA

AESOPOMUM HAVLICEK 1965

DEVONIAN

XYSTOSTROPHIA HAVLICEK 1965

DEVONIAN

SCHUCHERTELLA GIRTY 1904

DEVONIAN-PERMIAN

DERBYOIDES DUNBAR & CONDRA 1932

PENNSYLVANIAN-PERMI

AN

ALATORTHOTETINA HE & ZHU 1985

PERMIAN

CYNDALIA GRANT 1993

PERMIAN

GONIARINA COOPER & GRANT 1969

PERMIAN

HYPOPSIA COOPER & GRANT 1974

PERMIAN

LESPIUS GREGORIO 1930

PERMIAN

LIBERELLA LIANG 1990

PERMIAN

PARAGEYERELLA HE & ZHU 1985

PERMIAN

PARAMEEKELLA HE & ZHU 1985

PERMIAN

PARAORTHOTETINA HE & ZHU 1985

PERMIAN

KRIZISTROPHIA HAVLICEK 1992

SILURIAN

MORINORHYNCHUS HAVLICEK 1965

SILURIAN

PSEUDOSTROPHOMENA ROOMUSOKS 1963

SILURIAN

AREOSTROPHIA HAVLICEK 1965

SILURIAN-DEVONIAN

IRIDISTROPHIA HAVLICEK 1965

SILURIAN-DEVONIAN

SUPERFAMILY: PATERINACEA

ALDANOTRETA PELMAN 1977

CAMBRIAN

ASKEPASMA LAURIE 1986

CAMBRIAN

CAUSEA WIMAN 1905

CAMBRIAN

CRYPTOTRETA PELMAN 1977

CAMBRIAN

DICTYONINA COOPER 1942

CAMBRIAN

DZUNARZINA USHATINSKAIA 1993

CAMBRIAN

ICODONTA BELL 1941

CAMBRIAN

IPHIDELLA WALCOTT 1905

CAMBRIAN

MICKWITZIA SCHMIDT 1888

CAMBRIAN

MICROMITRA MEEK 1873

CAMBRIAN

PATERINA BEECHER 1891

CAMBRIAN

SALANYGOLINA USHATINSKAIA 1987

CAMBRIAN

WALCOTTINA COBBOLD 1921

CAMBRIAN

DICTYONITES COOPER 1956

ORDOVICIAN

KOLIHIUM HAVLICEK 1982

ORDOVICIAN

LACUNITES GORJANSKY 1969

ORDOVICIAN

PTYCHOPELTIS PERNER 1903

ORDOVICIAN

VOLBORTHIA MOLLER 1870

ORDOVICIAN

SUPERFAMILY: PENTAMERACEA

ASEPTAGYPA BRICE 1982

DEVONIAN

BISEPTUM KHODALEVICH & BREIVEL 1959

DEVONIAN

CARINAGYPA JOHNSON & LUDVIGSEN 1972

DEVONIAN

CLORINDINA KHODALEVICH 1939

DEVONIAN

CLORINDINELLA RZONSNITZKAJA 1975

DEVONIAN

DEVONOGYPA HAVLICEK 1951

DEVONIAN

GLABRIGALITES STRUVE 1992

DEVONIAN

GLYPTOGYPA STRUVE 1992

DEVONIAN

GYPIDULELLA KHODALEVICH & BREIVEL 1959

DEVONIAN

GYPIDULINA RZONSNITZKAJA 1956

DEVONIAN

IVDELINELLA BRICE 1982

DEVONIAN

IVDELINIA ANDRONOV 1961

DEVONIAN

KUMBELLA KHODALEVICH 1975

DEVONIAN

LEVIBISEPTUM XIAN 1975

DEVONIAN

LEVICONCHIDIELLA RZONSNITZKAJA 1960

DEVONIAN

LEVIGYPA SAPELNIKOV & MIZENS 1985

DEVONIAN

LYSIDIUM HAVLICEK 1985

DEVONIAN

METABOLIPA GODEFROID 1974

DEVONIAN

MULTICOSTA KHODALEVICH & BREIVEL 1977

DEVONIAN

NEOMETABOLIPA GODEFROID 1974

DEVONIAN

NOVOZEMELIA TCHERKESOVA 1973

DEVONIAN

PENTAMERELLA HALL 1867

DEVONIAN

PHYSEMELLA GODEFROID 1974

DEVONIAN

PLICOGYPA RZONSNITZKAJA 1975

DEVONIAN

PROCERULINA ANDRONOV 1961

DEVONIAN

PSEUDOSIEBERELLA GODEFROID 1972

DEVONIAN

RECTIGYPIDULA ZHANG 1987

DEVONIAN

SHOVDOLELLA ROZMAN 1992

DEVONIAN

SIEBERELLOIDES RZONSNITZKAJA 1975

DEVONIAN

ZDIMIR BARRANDE 1881

DEVONIAN

ZDIMIRELLA TCHERKESOVA 1973

DEVONIAN

ANTIGALEATELLA SAPELNIKOV & AL 1975

ORDOVICIAN

DIDYMELASMA COOPER 1956

ORDOVICIAN

EOCONCHIDIUM ROZMAN 1967

ORDOVICIAN

GALEATELLINA SAPELNIKOV & AL 1976

ORDOVICIAN

HOLORHYNCHUS KIAER 1902

ORDOVICIAN

LIMSTROPHIA FU 1980

ORDOVICIAN

METACAMARELLA REED 1917

ORDOVICIAN

PARALLELELASMA COOPER 1956

ORDOVICIAN

PROCONCHIDIUM SAPELNIKOV 1969

ORDOVICIAN

PROSTRICKLANDIA RUKAVISCHNIKOVA & AL 1973

ORDOVICIAN

SALONIA COOPER & WHITCOMB 1933

ORDOVICIAN

SCHIZOSTROPHIA FU 1980

ORDOVICIAN

STRICKLANDIELLA SAPELNIKOV & AL 1973

ORDOVICIAN

TCHERSKIDIUM NIKOLAYEV & SAPELNIKOV 1969

ORDOVICIAN

VAGA SAPELNIKOV & AL 1973

ORDOVICIAN

CONCHIDIUM OEHLERT 1887

ORDOVICIAN-DEVONIAN

AENIGMASTRICKLANDIA ZIEGLER 1966

SILURIAN

ALICONCHIDIUM ST.JOSEPH 1942

SILURIAN

AMSDENINA BOUCOT 1975

SILURIAN

ANTIRHYNCHONELLA OEHLERT 1887

SILURIAN

APOPENTAMERUS BOUCOT & JOHNSON 1979

SILURIAN

BARRANDINA BOOKER 1926

SILURIAN

BATERIDIUM SU, RONG & LI 1985

SILURIAN

BISULCATA BOUCOT & JOHNSON 1979

SILURIAN

BOREALIS BOUCOT, JOHNSON & RUBEL 1971

SILURIAN

BOUCOTIDES AMSDEN 1968

SILURIAN

BREVILAMNULELLA AMSDEN 1974

SILURIAN

BREVISEPTUM SAPELNIKOV 1960

SILURIAN

BROOKSINA KIRK 1922

SILURIAN

CADUDIUM HAVLICEK 1985

SILURIAN

CALLIPENTAMERUS BOUCOT 1964

SILURIAN

CAPELLINIELLA STRAND 1928

SILURIAN

CARYOGYPS JOHNSON, BOUCOT & MURPHY 1976

SILURIAN

CLORINDELLA AMSDEN 1964

SILURIAN

CONCHIDIELLA KHODALEVICH 1939

SILURIAN

COSTISTRICKLANDIA AMSDEN 1953

SILURIAN

CYMBIDIUM KIRK 1926

SILURIAN

DISULCATELLA FU 1980

SILURIAN

ECTORHIPIDIUM BOUCOT & JOHNSON 1979

SILURIAN

EHLERSELLA BOUCOT & JOHNSON 1966

SILURIAN

EOKIRKIDIUM KHODALEVICH & SAPELNIKOV 1970

SILURIAN

GASHAOMIAOIA RONG, SU & LI 1985

SILURIAN

HARPIDIUM KIRK 1925

SILURIAN

INDACLOR HAVLICEK 1990

SILURIAN

ISOVELLA BREIVEL & BREIVEL 1970

SILURIAN

JOLVIA SAPELNIKOV 1960

SILURIAN

KHODALEVICHIA BOUCOT & JOHNSON 1979

SILURIAN

KIRKIDIUM AMSDEN, BOUCOT & JOHNSON 1967

SILURIAN

KULUMBELLA NIKIFOROVA 1960

SILURIAN

LAMELLICONCHIDIUM KULKOV 1968

SILURIAN

LISSIDIUM LENZ 1989

SILURIAN

LISSOCOELINA SCHUCHERT & COOPER 1931

SILURIAN

MICROCARDINALIA BOUCOT & EHLERS 1963

SILURIAN

NANUKIDIUM JONES 1979

SILURIAN

NONDIA BOUCOT & CHIANG 1974

SILURIAN

PARACONCHIDIUM RONG & YANG 1974

SILURIAN

PARARHIPIDIUM BOUCOT & JOHNSON 1979

SILURIAN

PENTAMERIFERA KHODALEVICH 1939

SILURIAN

PENTAMEROIDES SCHUCHERT & COOPER 1931

SILURIAN

PENTAMERUS SOWERBY 1812

SILURIAN

PINGUAELLA BOUCOT & JOHNSON 1979

SILURIAN

PLATYMERELLA FOERSTE 1909

SILURIAN

PLEURODIUM WANG 1955

SILURIAN

PLICIDIUM RONG & YANG 1981

SILURIAN

PLICOCOELINA BOUCOT & JOHNSON 1966

SILURIAN

PLICOSTRICKLANDIA BOUCOT & EHLERS 1963

SILURIAN

PRAEKIRKIDIUM BREIVEL & BREIVEL 1988

SILURIAN

PSEUDOCONCHIDIUM NIKIFOROVA & SAPELNIKOV 1971

SILURIAN

REVEROIDES SAPELNIKOV 1976

SILURIAN

RHIPIDIUM SCHUCHERT & COOPER 1931

SILURIAN

RUGOLEPYROS LENZ 1989

SILURIAN

SEVERELLA SAPELNIKOV 1963

SILURIAN

SPONDYLOPYXIS JOHNSON, BOUCOT & MURPHY 1976

SILURIAN

STENOPENTAMERUS BOUCOT & JOHNSON 1979

SILURIAN

STRICKLANDIA BILLINGS 1859

SILURIAN

STRICKLANDISTROPHIA SAPELNIKOV & AL 1975

SILURIAN

SUBRIANA SAPELNIKOV 1960

SILURIAN

SULCUPENTAMERUS ZENG 1987

SILURIAN

SUPERTRILOBUS BOUCOT & JOHNSON 1979

SILURIAN

TWENHOFELIA BOUCOT & SMITH 1978

SILURIAN

VADIMIA BOUCOT & RONG 1994

SILURIAN

VAGRANELLA SAPELNIKOV 1960

SILURIAN

VIRGIANA TWENHOFEL 1914

SILURIAN

VIRGIANELLA NIKIFOROVA & SAPELNIKOV 1971

SILURIAN

VOSMIVERSTUM BREIVEL & BREIVEL 1970

SILURIAN

WYELLA KHODALEVICH 1939

SILURIAN

CLORINDA BARRANDE 1879

SILURIAN-DEVONIAN

GYPIDULA HALL 1867

SILURIAN-DEVONIAN

LEVIGATELLA ANDRONOV 1961

SILURIAN-DEVONIAN

SIEBERELLA OEHLERT 1887

SILURIAN-DEVONIAN

SUPERFAMILY: PERMIANELLACEA

GUANGDONGINA MOU & LIU 1989

PERMIAN

PERMIANELLA HE & ZHU 1979

PERMIAN

SUPERFAMILY: PLECTAMBONITACEA

ADIAPHRAGMA XIAN 1978

DEVONIAN

DALEJODISCUS HAVLICEK 1961

DEVONIAN

NABIAOIA XU 1979

DEVONIAN

PLECTODONTELLA HAVLICEK 1953

DEVONIAN

ACCULINA MISIUS 1977

ORDOVICIAN

AEGIROMENA HAVLICEK 1961

ORDOVICIAN

AEGIRONETES HAVLICEK 1967

ORDOVICIAN

AHTIELLA OPIK 1932

ORDOVICIAN

AKELINA SEVERGINA 1967

ORDOVICIAN

ALWYNELLA SPJELDNAES 1957

ORDOVICIAN

ANECHOPHRAGMA NEUMAN 1977

ORDOVICIAN

ANISOPLEURELLA COOPER 1956

ORDOVICIAN

ANOPTAMBONITES WILLIAMS 1962

ORDOVICIAN

APATOMORPHA COOPER 1956

ORDOVICIAN

APORTHOPHYLA ULRICH & COOPER 1936

ORDOVICIAN

APORTHOPHYLINA LIU 1976

ORDOVICIAN

AULIE NIKITIN & POPOV 1984

ORDOVICIAN

BENIGNITES HAVLICEK 1952

ORDOVICIAN

BILOBIA COOPER 1956

ORDOVICIAN

BIMURIA ULRICH & COOPER 1942

ORDOVICIAN

BOCKELIA NEUMAN 1989

ORDOVICIAN

BORUA WILLIAMS & CURRY 1985

ORDOVICIAN

CALYPTOLEPTA NEUMAN 1977

ORDOVICIAN

CHAGANELLA NIKITIN 1974

ORDOVICIAN

CHALOUPSKIA NEUMAN 1989

ORDOVICIAN

COOPEREA COCKS & RONG 1989

ORDOVICIAN

CRASPEDELIA COOPER 1956

ORDOVICIAN

DIAMBONIA COOPER & KINDLE 1936

ORDOVICIAN

DIAMBONIOIDEA ZENG 1987

ORDOVICIAN

DULANKARELLA RUKAVISCHNIKOVA 1956

ORDOVICIAN

DURRANELLA PERCIVAL 1979

ORDOVICIAN

EOCHONETES REED 1917

ORDOVICIAN

EOCRAMATIA WILLIAMS 1974

ORDOVICIAN

EOSERICOIDEA ZENG 1987

ORDOVICIAN

GLYPTAMBONITES COOPER 1956

ORDOVICIAN

GONIOTREMA ULRICH & COOPER 1936

ORDOVICIAN

GRORUDIA SPJELDNAES 1957

ORDOVICIAN

GUNNINGBLANDELLA PERCIVAL 1979

ORDOVICIAN

GUTTASELLA NEUMAN 1977

ORDOVICIAN

HESPEROMENA COOPER 1956

ORDOVICIAN

HUACOELLA BENEDETTO & HERRERA 1993

ORDOVICIAN

INGRIA OPIK 1930

ORDOVICIAN

INVERSELLA OPIK 1933

ORDOVICIAN

ISHIMIA NIKITIN 1974

ORDOVICIAN

ISOPHRAGMA COOPER 1956

ORDOVICIAN

JIELINGIA ZENG 1987

ORDOVICIAN

KAJNARIA NIKITIN & POPOV 1984

ORDOVICIAN

KASSINELLA BORISSIAK 1956

ORDOVICIAN

KOZHUCHINELLA SEVERGINA 1967

ORDOVICIAN

KOZLOWSKITES HAVLICEK 1952

ORDOVICIAN

LEPIDOMENA LAURIE 1991

ORDOVICIAN

LEPTELLA HALL & CLARKE 1892

ORDOVICIAN

LEPTELLINA ULRICH & COOPER 1936

ORDOVICIAN

LEPTELLOIDEA JONES 1928

ORDOVICIAN

LEPTESTIA BEKKER 1922

ORDOVICIAN

LEPTESTIINA HAVLICEK 1952

ORDOVICIAN

LEPTOPTILUM OPIK 1930

ORDOVICIAN

MABELLA KLENINA 1984

ORDOVICIAN

MULTIRIDGIA ZENG 1987

ORDOVICIAN

MURJUKIANA SEVERGINA 1967

ORDOVICIAN

NANAMBONITES LIU 1976

ORDOVICIAN

NEOCRAMATIA HARPER 1989

ORDOVICIAN

NIQUIVILIA BENEDETTO & HERRERA 1993

ORDOVICIAN

OTTADALENITES HARPER 1981

ORDOVICIAN

PALAEOSTROPHOMENA HOLTEDAHL 1916

ORDOVICIAN

PALINORTHIS ULRICH & COOPER 1936

ORDOVICIAN

PAUCICOSTELLA COOPER 1956

ORDOVICIAN

PELONOMIA COOPER 1956

ORDOVICIAN

PETRORIA WILSON 1926

ORDOVICIAN

PLECTAMBONITES PANDER 1830

ORDOVICIAN

PLECTELLA LAMANSKY 1905

ORDOVICIAN

PSEUDOANISOPLEURELLA XU 1978

ORDOVICIAN

PSEUDOLEPTELLINA ANDREEV 1992

ORDOVICIAN

PTYCHOGLYPTUS WILLARD 1928

ORDOVICIAN

QIANJIANGELLA LIANG 1983

ORDOVICIAN

RAILTONELLA LAURIE 1991

ORDOVICIAN

REINVERSELLA BATES 1968

ORDOVICIAN

REVERSELLA LIANG 1983

ORDOVICIAN

RUGOSOWERBYELLA MITCHELL 1977

ORDOVICIAN

RURAMBONITES COCKS & RONG 1989

ORDOVICIAN

RUTRUMELLA HARPER 1981

ORDOVICIAN

SAMPO OPIK 1933

ORDOVICIAN

SANJUANELLA BENEDETTO & HERRERA 1987

ORDOVICIAN

SCHEDOPHYLA NEUMAN 1971

ORDOVICIAN

SENTOLUNIA HAVLICEK 1967

ORDOVICIAN

SERICOIDEA LINDSTROM 1953

ORDOVICIAN

SHLYGINIA NIKITIN & POPOV 1983

ORDOVICIAN

SOWERBYITES TEICHERT 1937

ORDOVICIAN

SPANODONTA PRENDERGAST 1935

ORDOVICIAN

SYNDIELASMA COOPER 1956

ORDOVICIAN

TAFFIA ULRICH 1926

ORDOVICIAN

TAPHRODONTA COOPER 1956

ORDOVICIAN

TETRAODONTELLA JAANUSSON 1962

ORDOVICIAN

THAERODONTA WANG 1949

ORDOVICIAN

TITANAMBONITES COOPER 1956

ORDOVICIAN

TOQUIMIA ULRICH & COOPER 1936

ORDOVICIAN

TOURMAKEADIA WILLIAMS & CURRY 1985

ORDOVICIAN

TRIMURELLINA MITCHELL 1977

ORDOVICIAN

TYLAMBONITES PERCIVAL 1991

ORDOVICIAN

UJUKELLA ANDREEV 1993

ORDOVICIAN

UJUKITES ANDREEVA 1985

ORDOVICIAN

UKOA OPIK 1932

ORDOVICIAN

URBIMENA HAVLICEK 1976

ORDOVICIAN

VEHNIA NEUMAN 1989

ORDOVICIAN

VIRUELLA ROOMUSOKS 1959

ORDOVICIAN

WIRADJURIELLA PERCIVAL 1991

ORDOVICIAN

XENAMBONITES COOPER 1956

ORDOVICIAN

YGERODISCUS HAVLICEK 1967

ORDOVICIAN

YUANBAELLA FU 1982

ORDOVICIAN

CHONETOIDEA JONES 1928

ORDOVICIAN-SILURIAN

EOPLECTODONTA KOZLOWSKI 1929

ORDOVICIAN-SILURIAN

JONESEA COCKS & RONG 1989

ORDOVICIAN-SILURIAN

LEANGELLA OPIK 1933

ORDOVICIAN-SILURIAN

MERCIELLA LAMONT & GILBERT 1945

ORDOVICIAN-SILURIAN

SOWERBYELLA JONES 1928

ORDOVICIAN-SILURIAN

AEGIRIA OPIK 1933

SILURIAN

DUBIOLEPTINA HAVLICEK 1967

SILURIAN

EPELIDOAEGIRIA STRUSZ 1982

SILURIAN

MEZOUNIA HAVLICEK 1967

SILURIAN

OPIKELLA AMSDEN 1968

SILURIAN

PARANISOPLEURELLA ZHANG 1989

SILURIAN

TUFOLEPTINA HAVLICEK 1961

SILURIAN

TURGENOSTROPHIA ALEKSEEVA 1983

SILURIAN

YGERA HAVLICEK 1961

SILURIAN

PLECTODONTA KOZLOWSKI 1929

SILURIAN-DEVONIAN

SUPERFAMILY: PLICANOPLITACEA

COSTANOPLIA XU 1977

DEVONIAN

LUOFUIA XU 1977

DEVONIAN

PARACOSTANOPLIA XU 1977

DEVONIAN

PARAPLICANOPLIA XU 1977

DEVONIAN

TANGXIANGIA XU 1977

DEVONIAN

SUPERFAMILY: PORAMBONITACEA

BOBINELLA ANDREEVA 1968

CAMBRIAN

CAMBROTROPHIA ULRICH & COOPER 1937

CAMBRIAN

HUENELLA WALCOTT 1908

CAMBRIAN

HUENELLINA SCHUCHERT & COOPER 1931

CAMBRIAN

MOGOKTELLA ANDREEVA 1968

CAMBRIAN

PLECTOTROPHIA ULRICH & COOPER 1936

CAMBRIAN

TCHARELLA ANDREEVA 1987

CAMBRIAN

MESONOMIA ULRICH & COOPER 1936

CAMBRIAN-ORDOVICIAN

PALAEOSTROPHIA ULRICH & COOPER 1936

CAMBRIAN-ORDOVICIAN

LLANOELLA BOUCOT 1975

DEVONIAN

ACANTHOGLYPHA WILLIAMS & CURRY 1985

ORDOVICIAN

ALIMBELLA ANDREEVA 1960

ORDOVICIAN

ALTUNELLA LIU, ZHANG & DI 1984

ORDOVICIAN

BOREADOCAMARA CURRY & WILLIAMS 1984

ORDOVICIAN

BREVICAMERA COOPER 1956

ORDOVICIAN

CALLIGLYPHA CLOUD 1948

ORDOVICIAN

CLARKELLA WALCOTT 1908

ORDOVICIAN

CUPARIUS ROSS 1971

ORDOVICIAN

DIAPHELASMA ULRICH & COOPER 1936

ORDOVICIAN

DOLORESELLA SANDO 1957

ORDOVICIAN

EOSYNTROPHOPSIS YADRENKINA 1989

ORDOVICIAN

EQUIROSTRA COOPER & MUIR-WOOD 1951

ORDOVICIAN

GLYPTOTROPHIA ULRICH & COOPER 1936

ORDOVICIAN

HESPEROTROPHIA ULRICH & COOPER 1936

ORDOVICIAN

IDIOSTROPHIA ULRICH & COOPER 1936

ORDOVICIAN

IMBRICATIA COOPER 1952

ORDOVICIAN

KARAKULINA ANDREEVA 1972

ORDOVICIAN

KOKOMERENA MISIUS 1986

ORDOVICIAN

LIOSTROPHIA COOPER & KINDLE 1936

ORDOVICIAN

LIRICAMERA COOPER 1956

ORDOVICIAN

LYCOPHORIA LAHUSEN 1886

ORDOVICIAN

MEDESSIA ANDREEVA 1960

ORDOVICIAN

NEOSTROPHIA ULRICH & COOPER 1936

ORDOVICIAN

PARASTROPHINA SCHUCHERT & LEVENE 1929

ORDOVICIAN

PERIMECOCOELIA COOPER 1956

ORDOVICIAN

PLECTOCAMARA COOPER 1956

ORDOVICIAN

PLECTOSYNTROPHIA FU 1982

ORDOVICIAN

PORAMBONITOIDES XU 1978

ORDOVICIAN

PSEUDOPORAMBONITES ZENG 1977

ORDOVICIAN

PSILOCAMERELLA FU 1980

ORDOVICIAN

PUNCTOLIRA ULRICH & COOPER 1936

ORDOVICIAN

RECTOTROPHIA BATES 1968

ORDOVICIAN

RHABDOSTROPHIA NEUMAN 1989

ORDOVICIAN

RHYNCHOCAMARA SCHUCHERT & COOPER 1931

ORDOVICIAN

RHYSELASMA YADRENKINA 1972

ORDOVICIAN

RHYSOSTROPHIA ULRICH & COOPER 1936

ORDOVICIAN

ROSELLA ANDREEVA 1972

ORDOVICIAN

RUGOSTROPHIA NEUMAN 1971

ORDOVICIAN

STENOCAMARA COOPER 1956

ORDOVICIAN

STICHOTROPHIA COOPER 1948

ORDOVICIAN

SYNTROPHIA HALL & CLARKE 1893

ORDOVICIAN

SYNTROPHINA ULRICH 1928

ORDOVICIAN

SYNTROPHINELLA ULRICH & COOPER 1934

ORDOVICIAN

SYNTROPHOPSIS ULRICH & COOPER 1936

ORDOVICIAN

TALOVIA SEVERGINA 1975

ORDOVICIAN

TETRALOBULA ULRICH & COOPER 1936

ORDOVICIAN

THAUMATROPHIA WANG 1955

ORDOVICIAN

TRIGONOTROPHIA ANDREEVA 1972

ORDOVICIAN

TRISEPTATA BONDAREV 1965

ORDOVICIAN

TULOJA SEVERGINA 1983

ORDOVICIAN

XENELASMA ULRICH & COOPER 1936

ORDOVICIAN

XENELASMELLA ROZMAN 1964

ORDOVICIAN

XENELASMOPSIS ROZMAN 1968

ORDOVICIAN

XIZANGOSTROPHIA RONG 1976

ORDOVICIAN

YANGTZEELLA KOLAROVA 1925

ORDOVICIAN

CAMERELLA BILLINGS 1859

ORDOVICIAN-SILURIAN

PARASTROPHINELLA SCHUCHERT & COOPER 1931

ORDOVICIAN-SILURIAN

PORAMBONITES PANDER 1830

ORDOVICIAN-SILURIAN

BLESHIDIMERUS HAVLICEK 1990

SILURIAN

BLESHIDIUM HAVLICEK 1982

SILURIAN

GRAYINA BOUCOT 1975

SILURIAN

NOETLINGIA HALL & CLARKE 1893

SILURIAN

SAVAGEINA BOUCOT 1975

SILURIAN

ANASTROPHIA HALL 1867

SILURIAN-DEVONIAN

SUPERFAMILY: PRODUCTACEA

ACHUNOPRODUCTUS USTRITSKY 1971

CARBONIFEROUS

ASPINOSELLA WATERHOUSE 1982

CARBONIFEROUS

AVONIA THOMAS 1914

CARBONIFEROUS

BALAKHONIA SARYTCHEVA 1963

CARBONIFEROUS

BALKHASHECONCHA LAZAREV 1985

CARBONIFEROUS

BANDOPRODUCTUS JING & SUN 1981

CARBONIFEROUS

BELEUTELLA LITVINOVICH 1967

CARBONIFEROUS

BUNTOXIA LAZAREV 1986

CARBONIFEROUS

BUXTONIELLA ABRAMOV & GRIGORJEWA 1986

CARBONIFEROUS

COMPANTERIS LAZAREV 1981

CARBONIFEROUS

DENSEPUSTULA LAZAREV 1982

CARBONIFEROUS

ECHINOCONCHELLA LAZAREV 1985

CARBONIFEROUS

EOMARGINIFERA MUIR-WOOD 1930

CARBONIFEROUS

GONDOLINA CHING & LIAO 1966

CARBONIFEROUS

HUBEIPRODUCTUS YANG 1984

CARBONIFEROUS

KELAMELIA ZHANG 1983

CARBONIFEROUS

MARGINOPRODUCTUS TAN 1986

CARBONIFEROUS

MINISPINA WATERHOUSE 1982

CARBONIFEROUS

PARAMUIRWOODIA ZHANG 1983

CARBONIFEROUS

PHARCIDODISCUS ROBERTS 1976

CARBONIFEROUS

PROTANIDANTHUS LIAO 1979

CARBONIFEROUS

RUGOCONCHA JING & SUN 1981

CARBONIFEROUS

SAJAKELLA NASIKANOVA 1968

CARBONIFEROUS

SEMILUNATAPRODUCTUS HAN 1987

CARBONIFEROUS

SHANXIPRODUCTUS DUAN & LEE 1985

CARBONIFEROUS

SPINORUGIFERA ROBERTS 1976

CARBONIFEROUS

STRIGOSPINA LIAO 1979

CARBONIFEROUS

TOMILIA SARYTCHEVA 1963

CARBONIFEROUS

TUBERCULATELLA WATERHOUSE 1982

CARBONIFEROUS

VERCHOJANIA ABRAMOV 1970

CARBONIFEROUS

VITILIPRODUCTUS CHING & LIAO 1974

CARBONIFEROUS

XINJIANGIPRODUCTUS YAO & FU 1987

CARBONIFEROUS

XINSHAOPRODUCTUS TAN 1986

CARBONIFEROUS

AZYGIDIUM WATERHOUSE 1983

CARBONIFEROUS-PERMI

AN

LIRAPLECTA JING & SUN 1981

CARBONIFEROUS-PERMI

AN

NOTHOKUVELOUSIA WATERHOUSE 1986

CARBONIFEROUS-PERMI

AN

PARAJURESANIA LAZAREV 1982

CARBONIFEROUS-PERMI

AN

PROTOANIDANTHUS WATERHOUSE 1986

CARBONIFEROUS-PERMI

AN

SAETOSINA WATERHOUSE 1986

CARBONIFEROUS-PERMI

AN

ACANTHATIA MUIR-WOOD & COOPER 1960

DEVONIAN

ACANTHOPRODUCTUS MARTYNOVA 1970

DEVONIAN

AGRAMATIA SOKOLSKAJA 1948

DEVONIAN

ARDIVISCUS LAZAREV 1986

DEVONIAN

BISPINOPRODUCTUS STAINBROOK 1947

DEVONIAN

CAUCASIPRODUCTUS LAZAREV 1987

DEVONIAN

CHATTERTONIA JOHNSON 1976

DEVONIAN

CHONOPECTOIDES CRICKMAY 1963

DEVONIAN

DEVONOPRODUCTUS STAINBROOK 1943

DEVONIAN

DORSIRUGATIA LAZAREV 1992

DEVONIAN

DOTSWOODIA MCKELLAR 1970

DEVONIAN

EOPRODUCTELLA RZONSNITZKAJA 1980

DEVONIAN

GALEATELLA MUIR-WOOD & COOPER 1960

DEVONIAN

GRANDIPRODUCTELLA LAZAREV 1987

DEVONIAN

HANAEPRODUCTUS FICNER & HAVLICEK 1978

DEVONIAN

HELASPIS IMBRIE 1959

DEVONIAN

KAVESIA LAZAREV 1987

DEVONIAN

LAMINATIA MUIR-WOOD & COOPER 1960

DEVONIAN

LEIOPRODUCTUS STAINBROOK 1947

DEVONIAN

MALLOPRODUCTUS TACHIBANA 1981

DEVONIAN

MARGARITIPRODUCTUS LAZAREV 1986

DEVONIAN

MESOPLICA REED 1943

DEVONIAN

MORGANELLA MCKELLAR 1970

DEVONIAN

NIGERINOPLICA LAZAREV 1986

DEVONIAN

PLANOPRODUCTUS STAINBROOK 1947

DEVONIAN

PLICOPRODUCTUS LJASCHENKO 1969

DEVONIAN

POLONIPRODUCTUS BIERNAT & LAZAREV 1988

DEVONIAN

PRAEWAAGENOCONCHA SOKOLSKAJA 1948

DEVONIAN

PRODUCTELLINA REED 1943

DEVONIAN

PRODUCTELLOIDES KOTLYAR 1985

DEVONIAN

SENTOSIA MUIR-WOOD & COOPER 1960

DEVONIAN

SENTOSIOIDES LAZAREV 1992

DEVONIAN

SINOPRODUCTELLA WANG 1955

DEVONIAN

SPINULICOSTA NALIVKIN 1937

DEVONIAN

STEINHAGELLA GOLDRING 1957

DEVONIAN

STELCKIA CRICKMAY 1963

DEVONIAN

STRIATOPRODUCTELLA KRYLOVA 1962

DEVONIAN

STRIATOPRODUCTUS NALIVKIN 1947

DEVONIAN

STROPHOPRODUCTUS NALIVKIN 1937

DEVONIAN

WHIDBORNELLA REED 1943

DEVONIAN

BAGRASIA NALIVKIN 1960

DEVONIAN-CARBONIFER

OUS

BUXTONIA THOMAS 1914

DEVONIAN-CARBONIFER

OUS

CHONOPECTUS HALL & CLARKE 1892

DEVONIAN-MISSISSIPP

IAN

HAMLINGELLA REED 1943

DEVONIAN-MISSISSIPP

IAN

ORBINARIA MUIR-WOOD & COOPER 1960

DEVONIAN-MISSISSIPP

IAN

PRODUCTELLA HALL 1867

DEVONIAN-MISSISSIPP

IAN

SEMIPRODUCTUS BUBLICHENKO 1956

DEVONIAN-MISSISSIPP

IAN

ABSENTICOSTA LAZAREV 1991

MISSISSIPPIAN

ACANTHOCOSTA ROBERTS 1971

MISSISSIPPIAN

ACANTHOPLECTA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

ADAIRIA GORDON, HENRY & TREWORGY 1993

MISSISSIPPIAN

ADMODORUGOSUS BRUNTON, MUNDY & LAZAREV 1993

MISSISSIPPIAN

ALITARIA COOPER & MUIR-WOOD 1967

MISSISSIPPIAN

ARGENTIPRODUCTUS COOPER & MUIR-WOOD 1951

MISSISSIPPIAN

ASEPTELLA MARTINEZ & WINKLER 1977

MISSISSIPPIAN

AULOPROTONIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

CARLINIA GORDON 1971

MISSISSIPPIAN

CARRINGTONIA BRUNTON & MUNDY 1986

MISSISSIPPIAN

CHONETIPUSTULA PAECKELMANN 1931

MISSISSIPPIAN

CINCTIFERA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

CONNECTOPRODUCTUS DONAKOVA 1974

MISSISSIPPIAN

CROSSACANTHIA GORDON 1966

MISSISSIPPIAN

DATANGIA YANG 1977

MISSISSIPPIAN

DIAPHRAGMUS GIRTY 1910

MISSISSIPPIAN

DICTYOCLOSTUS MUIR-WOOD 1930

MISSISSIPPIAN

DOWHATANIA WATERHOUSE & GUPTA 1979

MISSISSIPPIAN

ECHINOCONCHUS WELLER 1914

MISSISSIPPIAN

EOMARGINIFERINA BRUNTON 1966

MISSISSIPPIAN

ERICIATIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

ETHERIDGINA OEHLERT 1887

MISSISSIPPIAN

FERGANOPRODUCTUS GALITZKAJA 1977

MISSISSIPPIAN

FLEXARIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

FLUCTUARIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

GENICULIFERA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

GIGANTOPRODUCTUS PRENTICE 1950

MISSISSIPPIAN

GLOBOSOPRODUCTUS LITVINOVICH & VORONTSOVA 1983

MISSISSIPPIAN

HUNANOPRODUCTUS HOU 1965

MISSISSIPPIAN

IMPIACUS LAZAREV & SUURSUREN 1988

MISSISSIPPIAN

INFLATIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

INIPRODUCTUS LAZAREV 1990

MISSISSIPPIAN

INSTITIFERA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

INSTITINA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

KADRALIPRODUCTUS GALITZKAJA 1977

MISSISSIPPIAN

KANSUELLA CHAO 1928

MISSISSIPPIAN

KEOKUKIA CARTER 1990

MISSISSIPPIAN

KUEICHOWELLA YANG 1978

MISSISSIPPIAN

LABRIPRODUCTUS COOPER & MUIR-WOOD 1951

MISSISSIPPIAN

LATIPRODUCTUS SARYTCHEVA & LEGRAND-BLAIN

1977

MISSISSIPPIAN

LEVITUSIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

LIBYS MASSA, TERMIER & TERMIER 1974

MISSISSIPPIAN

LINOPROTONIA FERGUSON 1971

MISSISSIPPIAN

LOMATIPHORA ROBERTS 1971

MISSISSIPPIAN

MAGNUMBONELLA CARTER 1968

MISSISSIPPIAN

MARGINATIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

MARGINICINCTUS SUTTON 1938

MISSISSIPPIAN

MARGINIRUGUS SUTTON 1938

MISSISSIPPIAN

MARGINOVATIA GORDON & HENRY 1990

MISSISSIPPIAN

MODERATOPRODUCTUS LITVINOVICH & VORONTSOVA 1983

MISSISSIPPIAN

NEOYANGUANIA SHI 1988

MISSISSIPPIAN

NIGEROPLICA NALIVKIN 1975

MISSISSIPPIAN

NUDYMIA LAZAREV 1990

MISSISSIPPIAN

OVATIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

OVERTONIA THOMAS 1914

MISSISSIPPIAN

OZORA CARTER 1990

MISSISSIPPIAN

PALMERHYTIS BRUNTON & MUNDY 1986

MISSISSIPPIAN

PAPILIOLINUS WATERHOUSE & GUPTA 1977

MISSISSIPPIAN

PARABUXTONIA YANG & ZHANG 1982

MISSISSIPPIAN

PARAKANSUELLA TAN 1987

MISSISSIPPIAN

PARAMARGINATIA YANG 1978

MISSISSIPPIAN

PILORICILLA CARTER 1987

MISSISSIPPIAN

PLATYSELMA GORDON 1966

MISSISSIPPIAN

PLICAEA AISENVERG 1992

MISSISSIPPIAN

PLICATIFERA CHAO 1927

MISSISSIPPIAN

PROBOSCIDELLA OEHLERT 1887

MISSISSIPPIAN

PRODUCTELLANA STAINBROOK 1950

MISSISSIPPIAN

PRODUCTINA SUTTON 1938

MISSISSIPPIAN

PRODUCTUS SOWERBY 1814

MISSISSIPPIAN

PROMARGINIFERA SHIELLS 1966

MISSISSIPPIAN

PROTONIELLA BELL 1929

MISSISSIPPIAN

PUSTULA THOMAS 1914

MISSISSIPPIAN

QUADRATIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

QUASIAVONIA BRUNTON 1966

MISSISSIPPIAN

RHYTIOPHORA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

RUGAURIS MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

RUGICOSTELLA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

RUTHIPHIALA CARTER 1988

MISSISSIPPIAN

SCISSICOSTA LAZAREV 1992

MISSISSIPPIAN

SCOLOCONCHA GORDON 1966

MISSISSIPPIAN

SCUTEPUSTULA SARYTCHEVA 1963

MISSISSIPPIAN

SEMICOSTELLA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

SEMINUCELLA CARTER 1987

MISSISSIPPIAN

SEMIPLANELLA SARYTCHEVA & LEGRAND-BLAIN

1977

MISSISSIPPIAN

SEPTARINIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

SERBARINIA MOROZOV 1985

MISSISSIPPIAN

SETIGERITES GIRTY 1939

MISSISSIPPIAN

SHISHAPANGMAELLA YANG 1983

MISSISSIPPIAN

SPINAURIS ROBERTS 1971

MISSISSIPPIAN

SPINOCARINIFERA ROBERTS 1971

MISSISSIPPIAN

STEGACANTHIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

STIPULINA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

TALASOPRODUCTUS LITVINOVICH & VORONTSOVA 1983

MISSISSIPPIAN

THOMASELLA FREDERICKS 1928

MISSISSIPPIAN

TITANARIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

TOLMATCHOFFIA FREDERICKS 1933

MISSISSIPPIAN

TOMIPRODUCTUS SARYTCHEVA 1963

MISSISSIPPIAN

UNDARIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

YANGUANIA YANG 1977

MISSISSIPPIAN

ANTIQUATONIA MILORADOVICH 1945

MISSISSIPPIAN & PER

MIAN

RUGOCLOSTUS EASTON 1962

MISSISSIPPIAN & PER

MIAN

SEMIPLANUS SARYTCHEVA 1952

MISSISSIPPIAN-PENNS

YLVANIAN

KROTOVIA FREDERICKS 1928

MISSISSIPPIAN-PERMI

AN

PUGILIS SARYTCHEVA 1949

MISSISSIPPIAN-PERMI

AN

STRIATIFERA CHAO 1927

MISSISSIPPIAN-PERMI

AN

ALEXENIA IVANOVA 1935

PENNSYLVANIAN

BRASILIOPRODUCTUS MENDES 1959

PENNSYLVANIAN

BULAHDELIA ROBERTS 1976

PENNSYLVANIAN

BUXTONIOIDES MENDES 1959

PENNSYLVANIAN

CUBACULA LAZAREV 1984

PENNSYLVANIAN

DESMOINESIA HOARE 1960

PENNSYLVANIAN

DUARTEA MENDES 1959

PENNSYLVANIAN

GEMMULICOSTA WATERHOUSE 1971

PENNSYLVANIAN

JAKUTELLA ABRAMOV 1970

PENNSYLVANIAN

JIGULICONCHA LAZAREV 1990

PENNSYLVANIAN

LANIPUSTULA KLETS 1983

PENNSYLVANIAN

LEVIPUSTULA MAXWELL 1951

PENNSYLVANIAN

LEVISAPICUS TONG & AL 1990

PENNSYLVANIAN

LISSOMARGINIFERA LANE 1962

PENNSYLVANIAN

LOPASNIA ILKHOVSKY 1990

PENNSYLVANIAN

MARKAMIA JIN & SHI 1985

PENNSYLVANIAN

ONOPORDUMARIA WATERHOUSE 1971

PENNSYLVANIAN

PLICATIFERINA KALASHNIKOV 1980

PENNSYLVANIAN

PRAEHORRIDONIA USTRITSKY 1962

PENNSYLVANIAN

PULCHRATIA MUIR-WOOD & COOPER 1960

PENNSYLVANIAN

SANDIA SUTHERLAND & HARLOW 1973

PENNSYLVANIAN

TESUQUEA SUTHERLAND & HARLOW 1973

PENNSYLVANIAN

UMBOANCTUS WATERHOUSE 1971

PENNSYLVANIAN

ZIA SUTHERLAND & HARLOW 1973

PENNSYLVANIAN

ANIDANTHUS HILL 1950

PENNSYLVANIAN-PERMI

AN

BAILLIENA NELSON & JOHNSON 1968

PENNSYLVANIAN-PERMI

AN

CALLIPROTONIA MUIR-WOOD & COOPER 1960

PENNSYLVANIAN-PERMI

AN

CANCRINELLA FREDERICKS 1928

PENNSYLVANIAN-PERMI

AN

CHAOIELLA FREDERICKS 1933

PENNSYLVANIAN-PERMI

AN

ECHINARIA MUIR-WOOD & COOPER 1960

PENNSYLVANIAN-PERMI

AN

FIMBRINIA COOPER 1972

PENNSYLVANIAN-PERMI

AN

HYSTRICULINA MUIR-WOOD & COOPER 1960

PENNSYLVANIAN-PERMI

AN

JURESANIA FREDERICKS 1928

PENNSYLVANIAN-PERMI

AN

KOZLOWSKIA FREDERICKS 1933

PENNSYLVANIAN-PERMI

AN

KUNLUNIA WANG 1983

PENNSYLVANIAN-PERMI

AN

KUTORGINELLA IVANOVA 1951

PENNSYLVANIAN-PERMI

AN

LERCARELLA MASCLE & TERMIER 1970

PENNSYLVANIAN-PERMI

AN

LINOPRODUCTUS CHAO 1927

PENNSYLVANIAN-PERMI

AN

MUIRWOODIA LICHAREW 1947

PENNSYLVANIAN-PERMI

AN

PARAMARGINIFERA FREDERICKS 1916

PENNSYLVANIAN-PERMI

AN

RETARIA MUIR-WOOD & COOPER 1960

PENNSYLVANIAN-PERMI

AN

RETICULATIA MUIR-WOOD & COOPER 1960

PENNSYLVANIAN-PERMI

AN

SELLOPRODUCTUS TERMIER & AL 1974

PENNSYLVANIAN-PERMI

AN

SEPTICONCHA TERMIER & AL 1974

PENNSYLVANIAN-PERMI

AN

SPINOMARGINIFERA HUANG 1932

PENNSYLVANIAN-PERMI

AN

WAAGENOCONCHA CHAO 1927

PENNSYLVANIAN-PERMI

AN

NEOPUGILIS LI 1991

PENNYSLVANIAN-PERMI

AN

AKATCHANIA KLETS 1988

PERMIAN

AMETORIA COOPER & GRANT 1975

PERMIAN

ANEMONARIA COOPER & GRANT 1969

PERMIAN

ARAXILEVIS SARYTCHEVA 1965

PERMIAN

ASPERLINUS WATERHOUSE & PIYASIN 1970

PERMIAN

AURICULISPINA WATERHOUSE 1975

PERMIAN

BATHYMYONIA MUIR-WOOD & COOPER 1960

PERMIAN

BELLACLATHRUS WINTERS 1963

PERMIAN

BIPLATYCONCHA WATERHOUSE 1983

PERMIAN

BOTHRIONIA COOPER & GRANT 1975

PERMIAN

BUROVIA USTRITSKY 1980

PERMIAN

CALLIOMARGINATIA CHING 1976

PERMIAN

CALLYTHARRELLA ARCHBOLD 1985

PERMIAN

CANCRINELLOIDES USTRITSKY 1963

PERMIAN

CARICULA GRANT 1976

PERMIAN

CAUCASOPRODUCTUS KOTLJAR 1989

PERMIAN

CHAOINA CHING 1974

PERMIAN

CHENXIANOPRODUCTUS LIAO & MENG 1986

PERMIAN

CHIANELLA WATERHOUSE 1975

PERMIAN

CHILIANSHANIA YANG & TING 1962

PERMIAN

CHONOPECTELLA SARYTCHEVA 1966

PERMIAN

COMPRESSOPRODUCTUS SARYTCHEVA 1960

PERMIAN

COMUQUIA GRANT 1976

PERMIAN

COOLKILELLA ARCHBOLD 1993

PERMIAN

COSTATUMULUS WATERHOUSE 1983

PERMIAN

COSTIFERINA MUIR-WOOD & COOPER 1960

PERMIAN

COSTISPINIFERA MUIR-WOOD & COOPER 1960

PERMIAN

CYMOPRODUCTUS XU 1987

PERMIAN

DALINURIA LEE & GU 1976

PERMIAN

DASYSARIA COOPER & GRANT 1969

PERMIAN

DICTYOCLOSTOIDEA WANG & CHING 1964

PERMIAN

DORASHAMIA SARYTCHEVA 1965

PERMIAN

DYSCHRESTIA GRANT 1976

PERMIAN

ECHINAURIS MUIR-WOOD & COOPER 1960

PERMIAN

ELLIOTTELLA STEHLI 1955

PERMIAN

ENTACANTHADUS GRANT 1993

PERMIAN

FABULASTEGES LIANG 1990

PERMIAN

FALLAXOPRODUCTUS LEE, GU & LI 1982

PERMIAN

FILICONCHA DEAR 1969

PERMIAN

FUSIPRODUCTUS WATERHOUSE 1975

PERMIAN

GLOBIELLA MUIR-WOOD & COOPER 1960

PERMIAN

GRANDAURISPINA MUIR-WOOD & COOPER 1960

PERMIAN

HAYDENELLA REED 1944

PERMIAN

HAYDENOIDES CHAN 1977

PERMIAN

HELENAEPRODUCTUS LAZAREV 1991

PERMIAN

HOLOTRICHARINA COOPER & GRANT 1975

PERMIAN

HORRIDONIA CHAO 1927

PERMIAN

HYPOLINOPRODUCTUS LIANG 1982

PERMIAN

INCISIUS GRANT 1976

PERMIAN

INDIGIA BARCHATOVA 1973

PERMIAN

JAKUTOPRODUCTUS KASCHIRZEV 1959

PERMIAN

JIPUPRODUCTUS SUN 1983

PERMIAN

KARAVANKINA RAMOVS 1969

PERMIAN

KASETIA WATERHOUSE 1981

PERMIAN

KOCHIPRODUCTUS DUNBAR 1955

PERMIAN

KURTOMARGINIFERA XU 1987

PERMIAN

KUVELOUSIA WATERHOUSE 1968

PERMIAN

LAMIPRODUCTUS LIANG 1990

PERMIAN

LAMNIMARGUS WATERHOUSE 1975

PERMIAN

LETHAMIA WATERHOUSE 1973

PERMIAN

LIOLIMBELLA LI 1991

PERMIAN

LIOSOTELLA COOPER 1953

PERMIAN

LIRARIA COOPER & GRANT 1975

PERMIAN

LONGYANIA ZHU 1990

PERMIAN

LYONIA ARCHBOLD 1983

PERMIAN

MAGADANIA GANELIN 1977

PERMIAN

MAGNIPLICATINA WATERHOUSE 1983

PERMIAN

MARGINIFERA WAAGEN 1884

PERMIAN

MEGOUSIA MUIR-WOOD & COOPER 1960

PERMIAN

MISTPRODUCTUS YANG 1991

PERMIAN

MONTICULIFERA MUIR-WOOD & COOPER 1960

PERMIAN

NEOPLICATIFERA CHING, LIAO & FANG 1974

PERMIAN

NIUTOUSHANIA LIAO 1984

PERMIAN

NUDAURIS STEHLI 1954

PERMIAN

OBLIQUNSTEGES LIANG 1990

PERMIAN

OGBINIA SARYTCHEVA 1965

PERMIAN

ONCOSARINA COOPER & GRANT 1969

PERMIAN

OTARIELLA WATERHOUSE 1978

PERMIAN

OVERTONIINA GRUNT 1973

PERMIAN

PARAMONTICULIFERA TONG 1978

PERMIAN

PARAPLICATIFERA ZHAO & TAN 1984

PERMIAN

PARAPULCHRATIA CHAN 1979

PERMIAN

PARITISTEGES LIANG 1990

PERMIAN

PAUCISPINAURIA WATERHOUSE 1983

PERMIAN

PAUCISPINIFERA MUIR-WOOD & COOPER 1960

PERMIAN

PENICULAURIS MUIR-WOOD & COOPER 1960

PERMIAN

PERMUNDARIA NAKAMURA, KATO & CHOI 1970

PERMIAN

PIATNITZKYA TABOADA 1993

PERMIAN

PLATYCANCRINELLA WATERHOUSE 1983

PERMIAN

PLEUROHORRIDONIA DUNBAR 1955

PERMIAN

PLOUGHSHARELLA LIANG 1982

PERMIAN

POLYMORPHARIA COOPER & GRANT 1975

PERMIAN

PROBOLIONIA COOPER 1957

PERMIAN

PSEUDOANTIQUATONIA ZHAN & WU 1982

PERMIAN

PSEUDOAVONIA WANG 1983

PERMIAN

PSEUDOHAYDENELLA LIANG 1990

PERMIAN

PSEUDOMARGINIFERA STEPANOV 1934

PERMIAN

PSEUDOMONTICULIFERA ZHAO & TAN 1984

PERMIAN

PUNCTOPRODUCTUS LIANG 1990

PERMIAN

REEDOCONCHA KOTLJAR 1964

PERMIAN

RETIMARGINIFERA WATERHOUSE 1970

PERMIAN

RHYTIBULBUS LI 1991

PERMIAN

RHYTISIA COOPER & GRANT 1975

PERMIAN

RUGATIA MUIR-WOOD & COOPER 1960

PERMIAN

RUGIVESTIS MUIR-WOOD & COOPER 1960

PERMIAN

RUGOSOMARGINIFERA XU 1987

PERMIAN

SARYTCHEVINELLA WATERHOUSE 1983

PERMIAN

SCHRENKIELLA BARCHATOVA 1973

PERMIAN

SEPTASTEGES WATERHOUSE & PIYASIN 1970

PERMIAN

SICYUSELLA LIANG 1990

PERMIAN

SIMPLICARINA COOPER & GRANT 1975

PERMIAN

SIPHONOSIA COOPER & GRANT 1975

PERMIAN

SOWERBINA FREDERICKS 1928

PERMIAN

SPINARELLA COOPER & GRANT 1975

PERMIAN

SPINIFRONS STEHLI 1954

PERMIAN

SPITZBERGENIA KOTLJAR 1977

PERMIAN

SQUAMARIA MUIR-WOOD & COOPER 1960

PERMIAN

STEPANOCONCHUS LAZAREV 1985

PERMIAN

STEPANOVIELLA ZAVODOWSKY 1960

PERMIAN

STEREOCHIA GRANT 1976

PERMIAN

STICTOZOSTER GRANT 1976

PERMIAN

STRIATOSPICA WATERHOUSE 1975

PERMIAN

SUBSTRIATIFERA KOTLJAR 1964

PERMIAN

SVALBARDOPRODUCTUS USTRITSKY 1962

PERMIAN

TELEOPRODUCTUS LEE 1986

PERMIAN

TENERELLA LIANG 1990

PERMIAN

TERRAKEA BOOKER 1930

PERMIAN

THAMNOSIA COOPER & GRANT 1969

PERMIAN

THULEPRODUCTUS SARYTCHEVA & WATERHOUSE 1972

PERMIAN

TITYROPHORIA WATERHOUSE 1971

PERMIAN

TONGLUELLA LIANG 1990

PERMIAN

TRANSENNATIA WATERHOUSE 1975

PERMIAN

TUBARIA MUIR-WOOD & COOPER 1960

PERMIAN

TUBERELLA LEE 1986

PERMIAN

TUBERSULCULUS WATERHOUSE 1971

PERMIAN

TYLOPLECTA MUIR-WOOD & COOPER 1960

PERMIAN

UNDELLARIA COOPER & GRANT 1975

PERMIAN

URALOCONCHUS LAZAREV 1990

PERMIAN

URALOPRODUCTUS USTRITSKY 1971

PERMIAN

VEDIPRODUCTUS SARYTCHEVA 1965

PERMIAN

WIMANOCONCHA WATERHOUSE 1983

PERMIAN

XESTOSIA COOPER & GRANT 1975

PERMIAN

YAKOVLEVIA FREDERICKS 1925

PERMIAN

ZHEJIANGOPRODUCTUS LIANG 1990

PERMIAN

ZHENANIA DING 1983

PERMIAN

ZHUACONCHA LIANG 1990

PERMIAN

SUPERFAMILY: PROTORTHACEA

GLYPTORIA COOPER 1976

CAMBRIAN

ISRAELARIA COOPER 1976

CAMBRIAN

PSILORIA COOPER 1976

CAMBRIAN

SUPERFAMILY: RETICULARIACEA

ARKTIKINA GRUNT 1977

CARBONIFEROUS

BESCHEVELLA POLETAEV 1975

CARBONIFEROUS

ELENCHUS ALEKSANDROV 1973

CARBONIFEROUS

EOMARTINIOPSIS SOKOLSKAJA 1941

CARBONIFEROUS

MARTINIELLA GRABAU & TIEN 1931

CARBONIFEROUS

ORENBURGELLA PAVLOVA 1969

CARBONIFEROUS

PARAMARTINIA REED 1949

CARBONIFEROUS

TOMIOPSIS BENEDIKTOVA 1956

CARBONIFEROUS

SQUAMULARIA GEMMELLARO 1899

CARBONIFEROUS-PERMI

AN

BRANIKIA HAVLICEK 1957

DEVONIAN

CINGULODERMIS HAVLICEK 1971

DEVONIAN

CORYLISPIRIFER GOURVENNEC 1989

DEVONIAN

DELTOSPIRIFER WANG & RONG 1986

DEVONIAN

ELITA FREDERICKS 1918

DEVONIAN

ELYTHYNA RZONSNITZKAJA 1952

DEVONIAN

EORETICULARIA NALIVKIN 1924

DEVONIAN

FALLAXISPIRIFER SU 1976

DEVONIAN

GEROLSTEINITES STRUVE 1990

DEVONIAN

GEROTHYRIS STRUVE 1970

DEVONIAN

KYMATOTHYRIS STRUVE 1970

DEVONIAN

MINATOTHYRIS VANDERCAMMEN 1957

DEVONIAN

NAJADOSPIRIFER HAVLICEK 1957

DEVONIAN

NAKAZATOTHYRIS MINATO & KATO 1977

DEVONIAN

NORDELLA LJASCHENKO 1973

DEVONIAN

NUGUSCHELLA TJAZHEVA 1960

DEVONIAN

OBESARIA HAVLICEK 1957

DEVONIAN

OIOSIA COOPER & DUTRO 1982

DEVONIAN

PARAQUADRITHYRIS YANG 1983

DEVONIAN

PSEUDOUNDISPIRIFER ZHANG 1987

DEVONIAN

PUANOSPIRIFER JIANG 1978

DEVONIAN

QUADRITHYRINA HAVLICEK 1959

DEVONIAN

QUADRITHYRIS HAVLICEK 1957

DEVONIAN

RETICULARIOPSIS FREDERICKS 1916

DEVONIAN

RHENOTHYRIS STRUVE 1970

DEVONIAN

SPONDYLOTHYRIS SU 1980

DEVONIAN

TENELLODERMIS HAVLICEK 1971

DEVONIAN

TINGELLA GRABAU 1931

DEVONIAN

TORYNIFERELLA WEYER 1967

DEVONIAN

UEXOTHYRIS STRUVE 1992

DEVONIAN

UNDISPIRIFER HAVLICEK 1957

DEVONIAN

UNDISPIRIFEROIDES XIAN 1978

DEVONIAN

VERNEUILIA HALL & CLARKE 1893

DEVONIAN

WARRENELLA CRICKMAY 1953

DEVONIAN

WARRENELLINA BRICE 1982

DEVONIAN

XENOMARTINIA HAVLICEK 1953

DEVONIAN

YEOTHYRIS STRUVE 1992

DEVONIAN

SINOTHYRIS MINATO 1953

DEVONIAN-MISSISSIPP

IAN

TORYNIFER HALL & CLARKE 1893

DEVONIAN-MISSISSIPP

IAN

CRASSUMBO CARTER 1967

MISSISSIPPIAN

GEORGETHYRIS MINATO 1953

MISSISSIPPIAN

GERKISPIRA CARTER 1983

MISSISSIPPIAN

KITAKAMITHYRIS MINATO 1951

MISSISSIPPIAN

MARTINOTHYRIS MINATO 1953

MISSISSIPPIAN

MEROSPIRIFER REED 1949

MISSISSIPPIAN

MINYTHYRA BRUNTON 1984

MISSISSIPPIAN

NEBENOTHYRIS MINATO 1953

MISSISSIPPIAN

RETICULARIA MCCOY 1844

MISSISSIPPIAN

MARTINIA MCCOY 1844

MISSISSIPPIAN-PERMI

AN

PHRICODOTHYRIS GEORGE 1932

MISSISSIPPIAN-PERMI

AN

IMPLEXINA POLETAEV 1971

PENNSYLVANIAN

JILINMARTINIA LEE & GU 1980

PENNSYLVANIAN

PLICOTORYNIFER ABRAMOV & SOLOMINA 1970

PENNSYLVANIAN

TABELLINA WATERHOUSE 1986

PENNSYLVANIAN

TIRAMNIA GRUNT 1977

PENNSYLVANIAN

CONDRATHYRIS MINATO 1953

PENNSYLVANIAN-PERMI

AN

KELSOVIA CLARKE 1990

PENNSYLVANIAN-PERMI

AN

MARTINIOPSIS WAAGEN 1883

PENNSYLVANIAN-PERMI

AN

AMBIKELLA SAHNI & SRIVASTAVA 1956

PERMIAN

ANOMALORIA COOPER & GRANT 1969

PERMIAN

ASTEGOSIA COOPER & GRANT 1969

PERMIAN

BAJKURIA USTRITSKY 1963

PERMIAN

BIRCHSELLA CLARKE 1987

PERMIAN

BULLARINA JING & SUN 1981

PERMIAN

DALAIA PLODOWSKI 1968

PERMIAN

ELIVELLA FREDERICKS 1924

PERMIAN

FARMERELLA CLARKE 1992

PERMIAN

FREDERICKSIA PAECKELMANN 1931

PERMIAN

HETERARIA COOPER & GRANT 1976

PERMIAN

HOMEVALARIA WATERHOUSE 1986

PERMIAN

INGELARELLA CAMPBELL 1959

PERMIAN

LATIPLECUS LEE & GU 1976

PERMIAN

MOUMINA FREDERICKS 1924

PERMIAN

NEOPHRICADOTHYRIS LICHAREW 1934

PERMIAN

NOTOSPIRIFER HARRINGTON 1955

PERMIAN

PARARETICULARIA LEE & GU 1976

PERMIAN

PERMOPHRICODOTHYRIS PAVLOVA 1965

PERMIAN

POSTAMARTINIA WANG & YANG 1993

PERMIAN

RALLACOSTA COOPER & GRANT 1976

PERMIAN

RORESPIRIFER WATERHOUSE & PIYASIN 1970

PERMIAN

SPINOMARTINIA WATERHOUSE 1968

PERMIAN

SPIRELYTHA FREDERICKS 1924

PERMIAN

TAIMYRELLA USTRITSKY 1963

PERMIAN

ZHINANIA LIANG 1990

PERMIAN

ECTATOGLOSSA CHU 1974

SILURIAN

EOHOWELLELLA LOPUSHINSKAJA 1976

SILURIAN

GREBENELLA MODZALEVSKAJA & BEZNOSOVA 1992

SILURIAN

PAVDENIA BREIVEL & BREIVEL 1988

SILURIAN

PRORETICULARIA HAVLICEK 1957

SILURIAN

PROTORETICULARIA SU 1980

SILURIAN

SPIRINELLA JOHNSTON 1941

SILURIAN

VADUM STRUSZ 1982

SILURIAN

CLAVIGERA HECTOR 1879

TRIASSIC

JIANGDASPIRIFER CHEN, RAO 1986

TRIASSIC

MENTZELIA QUENSTEDT 1871

TRIASSIC

PARAMENTZELIA XU 1978

TRIASSIC

TRIADISPIRA DAGYS 1961

TRIASSIC

SUPERFAMILY: RETZIACEA

LEPTOSPIRA BOUCOT, JOHNSON & STATON 1964

DEVONIAN

MONGOLOSPIRA ALEKSEEVA 1977

DEVONIAN

PARARHYNCHOSPIRINA ZHANG 1981

DEVONIAN

PARAZYGA HALL & CLARKE 1893

DEVONIAN

PLECTOSPIRA COOPER 1942

DEVONIAN

PSEUDOPARAZYGA JOHNSON 1970

DEVONIAN

RARIELLA ZHANG 1981

DEVONIAN

RETZIA KING 1850

DEVONIAN

TREMATOSPIRA HALL 1859

DEVONIAN

TRIGERIA BAYLE 1878

DEVONIAN

ACAMBONA WHITE 1865

MISSISSIPPIAN

EUMETRIA HALL 1863

MISSISSIPPIAN

PARUNCINELLA WATERHOUSE & GUPTA 1979

MISSISSIPPIAN

HUSTEDIA HALL & CLARKE 1893

MISSISSIPPIAN-PERMI

AN

THEDUSIA COOPER & GRANT 1976

PERMIAN

HOMOEOSPIRA HALL & CLARKE 1893

SILURIAN

HOMOEOSPIRELLA AMSDEN 1968

SILURIAN

RETZIELLA NIKIFOROVA 1937

SILURIAN

RHYNCHOSPIRINA SCHUCHERT & LEVENE 1929

SILURIAN-DEVONIAN

CASSIANOSPIRA DAGYS 1972

TRIASSIC

HUNGARISPIRA DAGYS 1972

TRIASSIC

HUSTEDTIELLA DAGYS 1972

TRIASSIC

NEORETZIA DAGYS 1963

TRIASSIC

SCHWAGERISPIRA DAGYS 1972

TRIASSIC

SUPERFAMILY: RHIPIDOMELLACEA

STAINBROOKIA COOPER & DUTRO 1982

DEVONIAN

NURATAMELLA KALASHNIKOV 1992

PENNSYLVANIAN

RHIPIDOMELLA OEHLERT 1890

SILURIAN-PERMIAN

SUPERFAMILY: RHYNCHONELLACEA

CHANGYANGRHYNCHUS YANG 1984

CARBONIFEROUS

OVLATCHANIA ABRAMOV & GRIGORJEWA 1986

CARBONIFEROUS

PLEUROPUGNOIDES FERGUSON 1966

CARBONIFEROUS

TRASGU MARTINEZ 1979

CARBONIFEROUS

YANBIANELLA TONG 1978

CARBONIFEROUS

YARIRHYNCHIA JING & SUN 1981

CARBONIFEROUS

PLEKONINA WATERHOUSE 1986

CARBONIFEROUS-PERMI

AN

AKOPOVORHYNCHIA SMIRNOVA 1990

CRETACEOUS

ALMERARHYNCHIA CALZADA 1974

CRETACEOUS

APODOSIA SMIRNOVA & MACKINNON 1995

CRETACEOUS

BEGIARSLANIA TITOVA 1992

CRETACEOUS

BELBEKELLA MOISSEIEV 1939

CRETACEOUS

BOHEMIRHYNCHIA NEKVASILOVA 1973

CRETACEOUS

BURRIRHYNCHIA OWEN 1962

CRETACEOUS

CRETIRHYNCHIA PETTITT 1950

CRETACEOUS

CRYPTOPORELLA BITNER & PISERA 1979

CRETACEOUS

CYCLOTHYRIS MCCOY 1844

CRETACEOUS

DAGYSORHYNCHIA SMIRNOVA 1994

CRETACEOUS

FORTUNELLA CALZADA 1985

CRETACEOUS

GAGRIELLA MOISSEIEV 1939

CRETACEOUS

GRASIRHYNCHIA OWEN 1968

CRETACEOUS

HEMITHYROPSIS KATZ 1974

CRETACEOUS

HESPERORHYNCHIA WARREN 1937

CRETACEOUS

KABANOVIELLA SMIRNOVA 1973

CRETACEOUS

KOLHIDAELLA MOISSEIEV 1939

CRETACEOUS

KORJAKIRHYNCHIA SMIRNOVA 1990

CRETACEOUS

KVESANIRHYNCHIA KVAKHADZE 1976

CRETACEOUS

LAMELLAERHYNCHIA BURRI 1953

CRETACEOUS

LEPIDORHYNCHIA BURRI 1956

CRETACEOUS

MALWIRHYNCHIA CHIPLONKER 1938

CRETACEOUS

ORBIRHYNCHIA PETTITT 1954

CRETACEOUS

ORIENSELLINA SMIRNOVA 1986

CRETACEOUS

OWENIRHYNCHIA CALZADA 1980

CRETACEOUS

PARTHIRHYNCHIA TITOVA 1980

CRETACEOUS

PEREGRINELLA OEHLERT 1887

CRETACEOUS

PEREGRINELLINA HOU & WANG 1984

CRETACEOUS

PLICAROSTRUM BURRI 1953

CRETACEOUS

PROTEGULORHYNCHIA OWEN 1980

CRETACEOUS

PROTEORHYNCHIA OWEN 1981

CRETACEOUS

RIONIRHYNCHIA KAMYSCHAN & KVAKHADZE 1980

CRETACEOUS

ROCHATORHYNCHIA KATZ 1962

CRETACEOUS

SEPTATOECHIA LOBATSCHEVA & TITOVA 1977

CRETACEOUS

SNEZHNORHYNCHIA SMIRNOVA 1990

CRETACEOUS

SUIAELLA MOISSEIEV 1956

CRETACEOUS

SULCIRHYNCHIA BURRI 1953

CRETACEOUS

TALOVKORHYNCHIA SMIRNOVA 1994

CRETACEOUS

TONASIRHYNCHIA LOBATSCHEVA & SMIRNOVA 1994

CRETACEOUS

URBANIRHYNCHIA KATZ 1974

CRETACEOUS

VIARHYNCHIA CALZADA 1974

CRETACEOUS

AIKARHYNCHA HAVLICEK 1990

DEVONIAN

ALEKSEEVAELLA BARANOV 1980

DEVONIAN

ALLORHYNCHOIDES SAVAGE, EBERLEIN & CHURKIN

1978

DEVONIAN

ALOROSTRUM SAVITSKII 1992

DEVONIAN

AMISSOPECTEN HAVLICEK 1960

DEVONIAN

AMSDENELLA TILLMAN 1967

DEVONIAN

ARARATELLA ABRAMIAN & AL 1975

DEVONIAN

AREELLA ERLANGER 1992

DEVONIAN

ARGORHYNX HAVLICEK 1992

DEVONIAN

ASEPTALIUM HOU & XIAN 1975

DEVONIAN

ASEPTIRHYNCHIA SOJA 1988

DEVONIAN

ASIARHYNCHIA SU 1980

DEVONIAN

ASTUA HAVLICEK 1992

DEVONIAN

ATHABASCHIA CRICKMAY 1963

DEVONIAN

ATHYRHYNCHUS JOHNSON 1973

DEVONIAN

AUSTRALIRHYNCHIA SAVAGE 1968

DEVONIAN

BASILICORHYNCHUS CRICKMAY 1952

DEVONIAN

BATHYRHYNCHA FUCHS 1923

DEVONIAN

BECKMANNIA MOHANTI 1972

DEVONIAN

BEICHUANRHYNCHUS CHEN 1990

DEVONIAN

BERGALARIA SCHMIDT 1975

DEVONIAN

BETTERBERGIA SCHMIDT 1981

DEVONIAN

BOREALIRHYNCHIA SU 1976

DEVONIAN

BORTEGITOECHIA ERLANGER 1994

DEVONIAN

BROWNEELLA CHATTERTON 1973

DEVONIAN

BRUNNIRHYNCHA HAVLICEK 1979

DEVONIAN

BULGANIA ERLANGER 1994

DEVONIAN

CALLIPLEURA COOPER 1942

DEVONIAN

CALVINARIA STAINBROOK 1945

DEVONIAN

CAMAROTHYRIDINA LINNIK 1966

DEVONIAN

CAMAROTOECHIA HALL & CLARKE 1893

DEVONIAN

CAMAROTOECHIOIDES RZONSNITZKAJA 1978

DEVONIAN

CAMEROPHORINA SCHMIDT 1941

DEVONIAN

CANAVIRILA SARTENAER 1994

DEVONIAN

CAROLIRHYNCHIA HAVLICEK 1992

DEVONIAN

CARYORHYNCHUS CRICKMAY 1952

DEVONIAN

CASSIDIROSTRUM MCLAREN 1961

DEVONIAN

CAVATISINUROSTRUM SARTENAER 1972

DEVONIAN

CENTRORHYNCHUS SARTENAER 1970

DEVONIAN

CHALIMIA BARANOV 1978

DEVONIAN

CHAPINELLA SAVAGE, EBERLEIN & CHURKIN

1978

DEVONIAN

CHERUBICORNEA HAVLICEK 1992

DEVONIAN

CHLUPACITOECHIA HAVLICEK 1992

DEVONIAN

COELOTERORHYNCHUS SARTENAER 1966

DEVONIAN

COLOPHRAGMA COOPER & DUTRO 1982

DEVONIAN

COMIOTOECHIA LJASCHENKO 1973

DEVONIAN

CORVINOPUGNAX HAVLICEK 1961

DEVONIAN

COSTELLIROSTRA COOPER 1942

DEVONIAN

CRATORHYNCHONELLA TONG 1982

DEVONIAN

CUPULAROSTRUM SARTENAER 1961

DEVONIAN

CYPHOTERORHYNCHUS SARTENAER 1964

DEVONIAN

DALERHYNCHUS BAI 1978

DEVONIAN

DIMENSIONAEQUALIROSTRUM SARTENAER 1980

DEVONIAN

DINAPOPHYSIA MAILLIEUX 1935

DEVONIAN

DOGDOA BARANOV 1982

DEVONIAN

DROHARHYNCHIA SARTENAER 1985

DEVONIAN

DUSHANIRHYNCHIA WANG & ZHU 1979

DEVONIAN

EATONIA HALL 1857

DEVONIAN

ELIORHYNCHUS SARTENAER 1987

DEVONIAN

ELLESMERHYNCHIA BRICE 1990

DEVONIAN

EOPARAPHORHYNCHUS SARTENAER 1961

DEVONIAN

EOPEREGRINELLA AGER 1968

DEVONIAN

EOPUGNAX BARANOV 1991

DEVONIAN

ERRHYNX HAVLICEK 1982

DEVONIAN

EUCHARITINA SCHMIDT 1955

DEVONIAN

EUMETABOLOTOECHIA SARTENAER 1975

DEVONIAN

EURYCOLPORHYNCHUS SARTENAER 1968

DEVONIAN

EVANESCIROSTRUM SARTENAER 1965

DEVONIAN

EVANIDISINUROSTRUM SARTENAER 1987

DEVONIAN

FILIGREENIA SOJA 1988

DEVONIAN

FITZROYELLA VEEVERS 1959

DEVONIAN

FLABELLULIROSTRUM SARTENAER 1971

DEVONIAN

FRANKLINELLA LENZ 1973

DEVONIAN

GASTRODETOECHIA SARTENAER 1965

DEVONIAN

GERRHYNX BARANOV 1991

DEVONIAN

GIGANTORHYNCHUS SAPELNIKOV & MALYGINA 1977

DEVONIAN

GLOBIDORSUM JIN 1988

DEVONIAN

GLOBULIRHYNCHIA BRICE 1980

DEVONIAN

GLOSSHYPOTHYRIDINA RZONSNITZKAJA 1978

DEVONIAN

GLOSSINOTOECHIA HAVLICEK 1959

DEVONIAN

GLOSSINULINA JOHNSON 1975

DEVONIAN

GLOSSINULINIRHYNCHIA BARANOV 1991

DEVONIAN

GLOSSINULUS SCHMIDT 1942

DEVONIAN

GRACILOTOECHIA BARANOV 1977

DEVONIAN

HADRORHYNCHIA MCLAREN 1961

DEVONIAN

HADROTATORHYNCHUS SARTENAER 1986

DEVONIAN

HADYRHYNCHA HAVLICEK 1979

DEVONIAN

HAVLICEKELLA AMSDEN 1985

DEVONIAN

HOMEOCARDIORHYNCHUS SARTENAER 1985

DEVONIAN

HUNANOTOECHIA MA 1993

DEVONIAN

HYBORHYNCHELLA COOPER 1955

DEVONIAN

HYPOLEIORHYNCHUS LINNIK 1976

DEVONIAN

HYPOTHYRIDINA BUCKMAN 1906

DEVONIAN

HYPSELOTERORHYNCHUS SARTENAER 1971

DEVONIAN

IBERIRHYNCHIA DROT & WESTBROEK 1966

DEVONIAN

ILOERHYNCHUS BALINSKI 1995

DEVONIAN

ILOPSYRHYNCHUS SARTENAER 1988

DEVONIAN

INNAECHIA BARANOV 1980

DEVONIAN

INNUITELLA CRICKMAY 1968

DEVONIAN

INSIGNITISINUROSTRUM SARTENAER 1987

DEVONIAN

IPHERRON HAVLICEK 1982

DEVONIAN

IRGISLELLA TJAZHEVA 1972

DEVONIAN

ISOPOMA TORLEY 1934

DEVONIAN

KATUNIA KULKOV 1963

DEVONIAN

KHOLBOTCHONIA BARANOV 1988

DEVONIAN

KINDLEINA SAVAGE, EBERLEIN & CHURKIN

1978

DEVONIAN

KOTYSEX HAVLICEK 1990

DEVONIAN

KRANSIA WESTBROEK 1968

DEVONIAN

KWANGSIRHYNCHUS HOU & XIAN 1975

DEVONIAN

LADOGIA NALIVKIN 1941

DEVONIAN

LADOGIFORNIX SCHMIDT 1964

DEVONIAN

LADOGILINA LJASCHENKO 1973

DEVONIAN

LADOGILINELLA LJASCHENKO 1973

DEVONIAN

LADOGIOIDES MCLAREN 1961

DEVONIAN

LAPRADELLA BARANOV 1989

DEVONIAN

LATERALATIROSTRUM SARTENAER 1979

DEVONIAN

LATONOTOECHIA HAVLICEK 1960

DEVONIAN

LEIORHYNCHOIDES DOVGAL 1953

DEVONIAN

LEPTOCARYORHYNCHUS SARTENAER 1970

DEVONIAN

LEVIPUGNAX PUSHKIN 1986

DEVONIAN

LEZHOEVIELLA BARANOV 1978

DEVONIAN

LIBYAERHYNCHUS MERGL & MASSA 1992

DEVONIAN

LINXIANGXIELLA YANG 1984

DEVONIAN

LISSOPLEURA WHITFIELD 1896

DEVONIAN

LOBORINA BALINSKI 1982

DEVONIAN

LONGDONGSHUIA HOU & XIAN 1975

DEVONIAN

LORANGERELLA CRICKMAY 1963

DEVONIAN

LOSVIA BREIVEL & BREIVEL 1976

DEVONIAN

MACHAERARIA COOPER 1955

DEVONIAN

MACHAERATOECHIA HAVLICEK 1992

DEVONIAN

MARKITOECHIA HAVLICEK 1959

DEVONIAN

MEGALOPTERORHYNCHUS SARTENAER 1965

DEVONIAN

MIAOHUANGRHYNCHUS YANG 1977

DEVONIAN

MINIROSTRELLA BALINSKI 1995

DEVONIAN

MIRANTESIA MOHANTI 1972

DEVONIAN

MONADOTOECHIA HAVLICEK 1960

DEVONIAN

MONGOLORHYNX ERLANGER 1992

DEVONIAN

MORPHORHYNCHUS COOPER & DUTRO 1982

DEVONIAN

NALIVKINARIA RZONSNITZKAJA 1968

DEVONIAN

NASONIRHYNCHIA HAVLICEK 1992

DEVONIAN

NAVALICRIA SARTENAER 1989

DEVONIAN

NAYUNNELLA SARTENAER 1961

DEVONIAN

NEIMONGOLELLA ZHANG 1981

DEVONIAN

NEKHOROSHEVIA BUBLICHENKO 1956

DEVONIAN

NEMESA SCHMIDT 1941

DEVONIAN

NORDOTOECHIA TCHERKESOVA 1965

DEVONIAN

NOTOCONCHIDIUM GILL 1950

DEVONIAN

NYEGE VEEVERS 1959

DEVONIAN

NYMPHORHYNCHIA RZONSNITZKAJA 1956

DEVONIAN

OBSCURELLA BARANOV 1991

DEVONIAN

OBTURAMENTELLA AMSDEN 1958

DEVONIAN

OLIGOPTYCHERHYNCHUS SARTENAER 1970

DEVONIAN

ONUGORHYNCHIA HAVLICEK 1992

DEVONIAN

ORBICULATISINUROSTRUM SARTENAER 1984

DEVONIAN

PACHANCORHYNCHIA BRICE 1986

DEVONIAN

PAMMEGETHERHYNCHUS SARTENAER 1977

DEVONIAN

PAMPOECILORHYNCHUS SARTENAER 1968

DEVONIAN

PARAGLOSSINULUS MARTYNOVA 1988

DEVONIAN

PARAPUGNAX SCHMIDT 1964

DEVONIAN

PARATETRATOMIA YANG 1977

DEVONIAN

PAROMOEOPYGMA SARTENAER 1968

DEVONIAN

PARVULALTAROSTRUM SARTENAER 1979

DEVONIAN

PAUROGASTRODERHYNCHUS SARTENAER 1970

DEVONIAN

PAURORHYNCHA COOPER 1942

DEVONIAN

PEGMARHYNCHIA COOPER 1955

DEVONIAN

PERAKIA HAMADA 1969

DEVONIAN

PERRARISINUROSTRUM SARTENAER 1984

DEVONIAN

PETASMARIA COOPER & DUTRO 1982

DEVONIAN

PHLOGOIDERHYNCHUS SARTENAER 1970

DEVONIAN

PHOENICITOECHIA HAVLICEK 1960

DEVONIAN

PHYSETORHYNCHA SARTENAER & ROZMAN 1968

DEVONIAN

PLANOVATIROSTRUM SARTENAER 1970

DEVONIAN

PLATYGLOSSARIORHYNCHUS SARTENAER 1970

DEVONIAN

PLATYTERORHYNCHUS SARTENAER 1970

DEVONIAN

PLECTORHYNCHELLA COOPER & MUIR-WOOD 1951

DEVONIAN

PLEIOPLEURINA SCHMIDT 1964

DEVONIAN

PLETHORHYNCHA HALL & CLARKE 1893

DEVONIAN

PLIONOPTYCHERHYNCHUS SARTENAER 1979

DEVONIAN

POROSTICTIA COOPER 1955

DEVONIAN

PRAEGNANTENIA HAVLICEK 1961

DEVONIAN

PRIMIPILARIA STRUVE 1992

DEVONIAN

PROPEROTUNDIROSTRUM SARTENAER 1986

DEVONIAN

PSEUDOCAMAROPHORIA WEDEKIND 1926

DEVONIAN

PSEUDOGLOSSINOTOECHIA TCHERKESOVA 1967

DEVONIAN

PSEUDOLEIORHYNCHUS ROZMAN 1962

DEVONIAN

PSEUDOSINOTECTIROSTRUM YUDINA 1991

DEVONIAN

PSEUDOUNCINULUS RZONSNITZKAJA 1968

DEVONIAN

PSEUDOYUNNANELLA CHEN 1978

DEVONIAN

PTYCHOMALETOECHIA SARTENAER 1961

DEVONIAN

PUGNACINA ZUONG & RZONSNITZKAJA 1968

DEVONIAN

PUGNARIA BIERNAT & RACKI 1986

DEVONIAN

PYGMAELLA BARANOV 1977

DEVONIAN

QINLINGOTOECHIA FU 1983

DEVONIAN

RACKIRHYNCHIA HAVLICEK 1990

DEVONIAN

REMNEVITOECHIA GRATSIANOVA 1970

DEVONIAN

RHYNCHOTRETINA KHALFIN 1948

DEVONIAN

RIPIDIORHYNCHUS SARTENAER 1966

DEVONIAN

ROZMANARIA WEYER 1972

DEVONIAN

RUGALTAROSTRUM SARTENAER 1961

DEVONIAN

RYOCARHYNCHUS SARTENAER 1984

DEVONIAN

RZONSNICKIANA MAMEDOV 1976

DEVONIAN

SAGUERESIA MOHANTI 1972

DEVONIAN

SALAIROTOECHIA RZONSNITZKAJA 1968

DEVONIAN

SCHNURELLA SCHMIDT 1964

DEVONIAN

SELENNJACHIA BARANOV 1982

DEVONIAN

SEMIOTOECHIA LJASCHENKO 1973

DEVONIAN

SEPTALARIA LEIDHOLD 1928

DEVONIAN

SEPTALARIOPSIS CHEN 1978

DEVONIAN

SIBIRIRHYNCHIA RZONSNITZKAJA 1968

DEVONIAN

SIBIRITOECHIA ALEKSEEVA 1966

DEVONIAN

SICORHYNCHA HAVLICEK 1961

DEVONIAN

SINOTECTIROSTRUM SARTENAER 1961

DEVONIAN

SOLIDIPONTIROSTRUM SARTENAER 1970

DEVONIAN

STENAULACORHYNCHUS SARTENAER 1968

DEVONIAN

STENOGLOSSARIORHYNCHUS SARTENAER 1970

DEVONIAN

STENOMETOPORHYNCHUS SARTENAER 1987

DEVONIAN

STENORHYNCHIA BRICE 1981

DEVONIAN

STRAELENIA MAILLIEUX 1935

DEVONIAN

STRIATOPUGNAX CHEN 1978

DEVONIAN

STRIATORHYNCHUS PUSHKIN 1986

DEVONIAN

SULCICOSTULA BARANOV 1989

DEVONIAN

TABARHYNCHUS BARANOV 1989

DEVONIAN

TAIMYRRHYNX HAVLICEK 1983

DEVONIAN

TAINOTOECHIA TCHERKESOVA 1967

DEVONIAN

TANERHYNCHIA ALLAN 1947

DEVONIAN

TATJANIA BARANOV 1982

DEVONIAN

TENUISINUROSTRUM SARTENAER 1967

DEVONIAN

TETRATOMIA SCHMIDT 1941

DEVONIAN

THLIBORHYNCHIA LENZ 1967

DEVONIAN

TICHIRHYNCHUS BARANOV 1989

DEVONIAN

TOMESTENOPORHYNCHUS SARTENAER 1993

DEVONIAN

TRIDENSILIS SU 1976

DEVONIAN

TRIGONIRHYNCHIA COOPER 1942

DEVONIAN

TRILOBATOECHIA XIAN 1990

DEVONIAN

UCHTELLA LJASCHENKO 1973

DEVONIAN

UFONICOELIA HAVLICEK 1992

DEVONIAN

UJANDINELLA BARANOV 1977

DEVONIAN

UNCINA KAPLUN 1991

DEVONIAN

UNCINULUS BAYLE 1878

DEVONIAN

VINCALARIA SARTENAER 1989

DEVONIAN

VLADIMIRIRHYNCHUS BARANOV 1982

DEVONIAN

VOSKOPITOECHIA HAVLICEK 1992

DEVONIAN

WENXIANIRHYNCHUS ZHANG 1983

DEVONIAN

WERNECKEELLA LENZ 1971

DEVONIAN

WESTBROEKINA SAVAGE & BAXTER 1995

DEVONIAN

WILSONIELLA KHALFIN 1939

DEVONIAN

WUTUBULAKIA HOU & ZHANG 1983

DEVONIAN

XIAOBANGDAIA WANG 1985

DEVONIAN

XINSHAOELLA ZHAO 1977

DEVONIAN

YAKUTIJAELLA BARANOV 1977

DEVONIAN

YANETECHIA BARANOV 1980

DEVONIAN

YPSILORHYNCHUS SARTENAER 1970

DEVONIAN

YUKIANGIDES HAVLICEK 1992

DEVONIAN

YUNNANELLA GRABAU 1923

DEVONIAN

ZERAVSHANOTOECHIA RZONSNITZKAJA 1977

DEVONIAN

ZILIMIA NALIVKIN 1947

DEVONIAN

ZLICHORHYNCHUS HAVLICEK 1963

DEVONIAN

MANGKELUIA XU 1991

DEVONIAN

PARVALTISSIMAROSTRUM SARTENAER & XU 1991

DEVONIAN

LANGKAWIA HAMADA 1969

DEVONIAN-CARBONIFER

OUS

PARYPHORHYNCHOPORA SIMORIN 1956

DEVONIAN-CARBONIFER

OUS

PUGNAX HALL & CLARKE 1893

DEVONIAN-CARBONIFER

OUS

LEIORHYNCHUS HALL 1860

DEVONIAN-MISSISSIPP

IAN

TRIFIDOROSTELLUM SARTENAER 1961

DEVONIAN-MISSISSIPP

IAN

AALENIRHYNCHIA SHI & GRANT 1993

JURASSIC

ACANTHORHYNCHIA BUCKMAN 1918

JURASSIC

ACANTHOTHIRIS ORBIGNY 1850

JURASSIC

ACANTHOTHYROPSIS KAMYSCHAN 1973

JURASSIC

AETHIRHYNCHIA SHI 1990

JURASSIC

AIDYNKULIRHYNCHIA OVTSHARENKO 1983

JURASSIC

ALMORHYNCHIA OVTSHARENKO 1983

JURASSIC

AMYDROPTYCHUS COOPER 1989

JURASSIC

ANARHYNCHIA AGER 1968

JURASSIC

APRINGIA GREGORIO 1886

JURASSIC

AUCKLANDIRHYNCHIA MACFARLAN 1992

JURASSIC

BAEORHYNCHIA COOPER 1989

JURASSIC

BICEPSIRHYNCHIA SHI 1990

JURASSIC

BIHENDULIRHYNCHIA MUIR-WOOD 1935

JURASSIC

BILAMINELLA BABANOVA 1964

JURASSIC

BLOCHMANNELLA LEIDHOLD 1921

JURASSIC

BODRAKELLA MOISSEIEV 1936

JURASSIC

BRADFORDIRHYNCHIA SHI & GRANT 1993

JURASSIC

BURMIRHYNCHIA BUCKMAN 1918

JURASSIC

CALCIRHYNCHIA BUCKMAN 1918

JURASSIC

CALEDORHYNCHIA MACFARLAN 1992

JURASSIC

CAPILLIRHYNCHIA BUCKMAN 1918

JURASSIC

CAPILLIROSTRA COOPER & MUIR-WOOD 1951

JURASSIC

CARAPEZZIA TOMLIN 1930

JURASSIC

CARDINIRHYNCHIA BUCKMAN 1918

JURASSIC

CAUCASELLA MOISSEIEV 1934

JURASSIC

CIRPA GREGORIO 1930

JURASSIC

COLPOTORIA COOPER 1989

JURASSIC

CONAROSIA COOPER 1989

JURASSIC

COOPERRHYNCHIA SANDY & CAMPBELL 1994

JURASSIC

COSTIRHYNCHIA BUCKMAN 1918

JURASSIC

CRYPTORHYNCHIA BUCKMAN 1918

JURASSIC

CUBANIRHYNCHIA KAMYSCHAN 1968

JURASSIC

CURTIRHYNCHIA BUCKMAN 1918

JURASSIC

CYMATORHYNCHIA BUCKMAN 1918

JURASSIC

DAGHANIRHYNCHIA MUIR-WOOD 1935

JURASSIC

DAVANIRHYNCHIA OVTSHARENKO 1983

JURASSIC

DELTARHYNCHIA COOPER 1989

JURASSIC

DICHOTOMOSELLA TCHOUMATCHENCO 1987

JURASSIC

DRUGANIRHYNCHIA TCHOUMATCHENCO 1983

JURASSIC

DZHANGIRHYNCHIA OVTSHARENKO 1983

JURASSIC

ECHINIRHYNCHIA CHILDS 1969

JURASSIC

ECHYROSIA COOPER 1989

JURASSIC

EURYSITES COOPER 1989

JURASSIC

FLABELLIRHYNCHIA BUCKMAN 1918

JURASSIC

FORMOSARHYNCHIA SEIFERT 1963

JURASSIC

GIBBIRHYNCHIA BUCKMAN 1918

JURASSIC

GLOBIRHYNCHIA BUCKMAN 1918

JURASSIC

GNATHORHYNCHIA BUCKMAN 1918

JURASSIC

GONIORHYNCHIA BUCKMAN 1918

JURASSIC

GRANDIRHYNCHIA BUCKMAN 1918

JURASSIC

GRANULIRHYNCHIA BUCKMAN 1918

JURASSIC

HERANGIRHYNCHIA MACFARLAN 1992

JURASSIC

HETEROMYCHUS COOPER 1989

JURASSIC

HOMALIARHYNCHIA SHI 1990

JURASSIC

HOMOEORHYNCHIA BUCKMAN 1918

JURASSIC

HOPKINSIRHYNCHIA SHI & GRANT 1993

JURASSIC

INDORHYNCHIA OVTSHARENKO 1975

JURASSIC

ISJUMINELINA MAKRIDIN 1960

JURASSIC

IVANOVIELLA MAKRIDIN 1955

JURASSIC

KALLIRHYNCHIA BUCKMAN 1918

JURASSIC

KAWHIARHYNCHIA MACFARLAN 1992

JURASSIC

KERICSERELLA VOROS 1983

JURASSIC

KUTCHIRHYNCHIA BUCKMAN 1918

JURASSIC

LACUNAERHYNCHIA ALMERAS 1966

JURASSIC

LACUNOSELLA WISNIEWSKA 1932

JURASSIC

LAEVIGATERHYNCHIA WISNIEWSKA-ZELICHOWSKA 1978

JURASSIC

LESSINIELLA VOROS 1993

JURASSIC

LINEIRHYNCHIA BUCKMAN 1918

JURASSIC

LIRELLARINA COOPER 1989

JURASSIC

LOKUTELLA VOROS 1983

JURASSIC

LOTHARINGELLA LAURIN 1984

JURASSIC

MAKRIDINIRHYNCHIA SUCIC-PROTIC 1969

JURASSIC

MAXILLIRHYNCHIA BUCKMAN 1918

JURASSIC

MEDITERRANIRHYNCHIA SUCIC-PROTIC 1969

JURASSIC

MICRORHYNCHIA MUIR-WOOD 1952

JURASSIC

MINUTULIRHYNCHIA SMIRNOVA 1992

JURASSIC

MONTICLARELLA WISNIEWSKA 1932

JURASSIC

MOQUELLINA CHING, SUN & YE 1979

JURASSIC

MOSQUELLA MAKRIDIN 1955

JURASSIC

NANNIRHYNCHIA BUCKMAN 1918

JURASSIC

NASTOSIA COOPER 1989

JURASSIC

NEOCIRPA PROSOROVSKAJA 1985

JURASSIC

NYALAMURHYNCHIA CHING, RONG & SUN 1976

JURASSIC

OBSOLETIRHYNCHIA SHI 1992

JURASSIC

OCHOTORHYNCHIA DAGYS 1968

JURASSIC

ORLOVIRHYNCHIA DAGYS 1968

JURASSIC

PAMIRORHYNCHIA OVTSHARENKO 1983

JURASSIC

PARAACANTHOTHYRIS KAMYSCHAN 1973

JURASSIC

PARARHACTORHYNCHIA SHI 1990

JURASSIC

PARVIRHYNCHIA BUCKMAN 1918

JURASSIC

PEREGRINELLOIDEA DAGYS 1968

JURASSIC

PISIRHYNCHIA BUCKMAN 1918

JURASSIC

PLANIRHYNCHIA SUCIC-PROTIC 1969

JURASSIC

PRAECYCLOTHYRIS MAKRIDIN 1955

JURASSIC

PRAELACUNOSELLA WISNIEWSKA-ZELICHOWSKA 1978

JURASSIC

PRAEMONTICLARELLA GARCIA JORAL 1993

JURASSIC

PRIONORHYNCHIA BUCKMAN 1918

JURASSIC

PSEUDOGIBBIRHYNCHIA AGER 1962

JURASSIC

PSEUDOMONTICLARELLA SMIRNOVA 1987

JURASSIC

PTILORHYNCHIA CRICKMAY 1933

JURASSIC

PTYCTORHYNCHIA BUCKMAN 1918

JURASSIC

PYCNORIA COOPER 1989

JURASSIC

QUADRATIRHYNCHIA BUCKMAN 1918

JURASSIC

RAHOUIARHYNCHIA TCHOUMATCHENCO 1987

JURASSIC

RECTIRHYNCHIA BUCKMAN 1918

JURASSIC

RHACTORHYNCHIA BUCKMAN 1918

JURASSIC

RHYNCHONELLA FISCHER 1809

JURASSIC

RHYNCHONELLOIDEA BUCKMAN 1918

JURASSIC

RHYNCHONELLOIDELLA MUIR-WOOD 1936

JURASSIC

RIMIRHYNCHIA BUCKMAN 1918

JURASSIC

ROBUSTIRHYNCHIA SEIFERT 1963

JURASSIC

ROSTRIRHYNCHIA SUCIC-PROTIC 1969

JURASSIC

RUDIRHYNCHIA BUCKMAN 1918

JURASSIC

RUSSIRHYNCHIA BUCKMAN 1918

JURASSIC

RUTORHYNCHIA SUN 1981

JURASSIC

SALGIRELLA MOISSEIEV 1936

JURASSIC

SARDORHYNCHIA RUGGIERO & UNGARO 1983

JURASSIC

SCALPELLIRHYNCHIA MUIR-WOOD 1936

JURASSIC

SCHIZORIA COOPER 1989

JURASSIC

SEPTALIPHORIA LEIDHOLD 1921

JURASSIC

SEPTIRHYNCHIA MUIR-WOOD 1935

JURASSIC

SEPTOCRURELLA WISNIEWSKA 1932

JURASSIC

SEPTULIRHYNCHIA ALMERAS 1966

JURASSIC

SERBIORHYNCHIA RADULOVIC 1991

JURASSIC

SHARPIRHYNCHIA SHI & GRANT 1993

JURASSIC

SLOVENIRHYNCHIA SIBLIK 1967

JURASSIC

SOARESIRHYNCHIA ALMERAS 1994

JURASSIC

SOMALIRHYNCHIA WEIR 1925

JURASSIC

SPHENORHYNCHIA BUCKMAN 1918

JURASSIC

SQUAMIRHYNCHIA BUCKMAN 1918

JURASSIC

STOLMORHYNCHIA BUCKMAN 1918

JURASSIC

STRIIRHYNCHIA BUCKMAN 1918

JURASSIC

STRONGYLORIA COOPER 1989

JURASSIC

SULCIPHORIA SMIRNOVA 1992

JURASSIC

TAINUIRHYNCHIA MACFARLAN 1992

JURASSIC

TANGGULARELLA SHI 1990

JURASSIC

TETRARHYNCHIA BUCKMAN 1918

JURASSIC

THURMANNELLA LEIDHOLD 1921

JURASSIC

TORQUIRHYNCHIA CHILDS 1969

JURASSIC

TRICHORHYNCHIA BUCKMAN 1918

JURASSIC

TROPIORHYNCHIA BUCKMAN 1918

JURASSIC

URALORHYNCHIA DAGYS 1968

JURASSIC

WAIKATORHYNCHIA MACFARLAN 1992

JURASSIC

YUNSHANNELLA LEE & GU 1982

JURASSIC

AXIODEANEIA CLARK 1917

MISSISSIPPIAN

DONELLA ROTAI 1931

MISSISSIPPIAN

DORSISINUS SANDERS 1958

MISSISSIPPIAN

GRAMMORHYNCHUS ROBERTS 1971

MISSISSIPPIAN

GREENOCKIA BROWN 1952

MISSISSIPPIAN

HAMPSIA MORRIS 1994

MISSISSIPPIAN

HEMIPLETHORHYNCHUS PEETZ 1898

MISSISSIPPIAN

IOWARHYNCHUS CARTER 1983

MISSISSIPPIAN

LAMBDARINA BRUNTON & CHAMPION 1974

MISSISSIPPIAN

MACROPOTAMORHYNCHUS SARTENAER 1970

MISSISSIPPIAN

MOOREFIELDELLA GIRTY 1911

MISSISSIPPIAN

NEPASITOECHIA HAVLICEK 1979

MISSISSIPPIAN

NINGBINGELLA ROBERTS 1971

MISSISSIPPIAN

PARAPHORHYNCHUS WELLER 1905

MISSISSIPPIAN

PROPRIOPUGNUS BRUNTON 1984

MISSISSIPPIAN

PUGNOIDES WELLER 1910

MISSISSIPPIAN

RHYNCHOTETRA WELLER 1910

MISSISSIPPIAN

ROSSIRHYNCHUS GAETANI 1964

MISSISSIPPIAN

ROTAIA RZONSNITZKAJA 1959

MISSISSIPPIAN

SANJUANIA AMOS 1958

MISSISSIPPIAN

SEPTEMIROSTELLUM ROBERTS 1971

MISSISSIPPIAN

SHUMARDELLA WELLER 1910

MISSISSIPPIAN

TETRACAMERA WELLER 1910

MISSISSIPPIAN

YANISHEWSKIELLA LICHAREW 1957

MISSISSIPPIAN

ALLORHYNCHUS WELLER 1910

MISSISSIPPIAN-PERMI

AN

GONIOPHORIA JANISCHEWSKY 1910

MISSISSIPPIAN-PERMI

AN

LEIORHYNCHOIDEA CLOUD 1944

MISSISSIPPIAN-PERMI

AN

ANCISTRORHYNCHA ULRICH & COOPER 1942

ORDOVICIAN

AZAMELLA LAURIE 1991

ORDOVICIAN

DORYTRETA COOPER 1956

ORDOVICIAN

DREPANORHYNCHA COOPER 1956

ORDOVICIAN

EORHYNCHULA LIANG 1983

ORDOVICIAN

EVENKORHYNCHIA ROZMAN 1969

ORDOVICIAN

HISCOBECCUS AMSDEN 1983

ORDOVICIAN

HYPSIPTYCHA WANG 1949

ORDOVICIAN

LATIRHYNCHIA FU 1980

ORDOVICIAN

LEPIDOCYCLOIDES NIKIFOROVA 1961

ORDOVICIAN

LEPIDOCYCLUS WANG 1949

ORDOVICIAN

LONGXIANIRHYNCHIA FU 1982

ORDOVICIAN

NEORHYNCHULA LIANG 1983

ORDOVICIAN

OLIGORHYNCHIA COOPER 1935

ORDOVICIAN

ORTHORHYNCHULA HALL & CLARKE 1893

ORDOVICIAN

ORTHORHYNCHULOIDES WILLIAMS 1962

ORDOVICIAN

ORTHORHYNCHYLLION JIN 1989

ORDOVICIAN

OTARORHYNCHA NIKIFOROVA & POPOV 1981

ORDOVICIAN

PARAOLIGORHYNCHA POPOV 1981

ORDOVICIAN

PROTORHYNCHA HALL & CLARKE 1893

ORDOVICIAN

QILIANOTRYMA XU 1979

ORDOVICIAN

RHYNCHOTREMA HALL 1860

ORDOVICIAN

RHYNCHOTRETAOIDES SEVERGINA 1967

ORDOVICIAN

ROSTRICELLULA ULRICH & COOPER 1942

ORDOVICIAN

SPHENOTRETA COOPER 1956

ORDOVICIAN

TASMANELLA LAURIE 1991

ORDOVICIAN

TOGAELLA SEVERGINA 1960

ORDOVICIAN

TONSELLA AMSDEN 1988

ORDOVICIAN

WULUNGGUIA ZHANG 1981

ORDOVICIAN

ZANCLORHYNCHA XU 1979

ORDOVICIAN

GNAMPTORHYNCHOS JIN 1989

ORDOVICIAN-SILURIAN

OXYPLEURORHYNCHIA PLODOWSKI 1973

ORDOVICIAN-SILURIAN

THEBESIA AMSDEN 1974

ORDOVICIAN-SILURIAN

CARDIARINA COOPER 1956

PENNSYLVANIAN

CORRUGATIMEDIOROSTRUM SARTENAER 1970

PENNSYLVANIAN

LISSELLA CAMPBELL 1961

PENNSYLVANIAN

MINYSPHENIA GRANT 1988

PENNSYLVANIAN

RHYNOLEICHUS ABRAMOV & GRIGORJEWA 1983

PENNSYLVANIAN

SICHUANRHYNCHUS TONG 1978

PENNSYLVANIAN

PLEKONELLA CAMPBELL 1953

PENNSYLVANIAN-PERMI

AN

TEREBRATULOIDEA WAAGEN 1883

PENNSYLVANIAN-PERMI

AN

WELLERELLA DUNBAR & CONDRA 1932

PENNSYLVANIAN-PERMI

AN

ACOLOSIA COOPER & GRANT 1976

PERMIAN

AMPHIPELLA COOPER & GRANT 1969

PERMIAN

ANCORHYNCHIA CHING & YE 1979

PERMIAN

ANTERIDOCUS COOPER & GRANT 1976

PERMIAN

ANTRONARIA COOPER & GRANT 1976

PERMIAN

APHAUROSIA COOPER & GRANT 1976

PERMIAN

BOLORIA GRUNT 1973

PERMIAN

BRYORHYNCHUS COOPER & GRANT 1969

PERMIAN

CENORHYNCHIA COOPER & GRANT 1976

PERMIAN

CHAENIORHYNCHUS COOPER & GRANT 1976

PERMIAN

CHIVATSCHELLA ZAVODOWSKY 1968

PERMIAN

DELTARINA COOPER & GRANT 1976

PERMIAN

DENTICULIPHORIA LICHAREW 1956

PERMIAN

DIVARICOSTA COOPER & GRANT 1969

PERMIAN

ELASSONIA COOPER & GRANT 1976

PERMIAN

FASCICOSTA STEHLI 1955

PERMIAN

GERASSIMOVIA LICHAREW 1956

PERMIAN

GLYPTORHYNCHIA SHEN & HE 1994

PERMIAN

HEMILEURUS COOPER & GRANT 1976

PERMIAN

HOLOSIA COOPER & GRANT 1976

PERMIAN

IOTINA COOPER & GRANT 1976

PERMIAN

LAEVORHYNCHIA SHEN & HE 1994

PERMIAN

LAOSIA MANSUY 1913

PERMIAN

LIRELLARIA COOPER & GRANT 1976

PERMIAN

MADAROSIA COOPER & GRANT 1976

PERMIAN

MYOPUGNAX GLUSHENKO 1975

PERMIAN

NANTANELLA GRABAU 1936

PERMIAN

NIPPONIRHYNCHIA YANAGIDA & NISHIKAWA 1984

PERMIAN

PARANORELLA CLOUD 1944

PERMIAN

PAYUELLA GRABAU 1934

PERMIAN

PETASMATHERUS COOPER & GRANT 1969

PERMIAN

PHRENOPHORIA COOPER & GRANT 1969

PERMIAN

PONTISIA COOPER & GRANT 1969

PERMIAN

PRELISSORHYNCHIA XU AND GRANT 1994

PERMIAN

PSEUDOPUGNAX LICHAREW 1956

PERMIAN

PSEUDOWELLERELLA LICHAREW 1956

PERMIAN

PTILOTORHYNCHUS COOPER & GRANT 1976

PERMIAN

PTYGMACTRUM COOPER & GRANT 1976

PERMIAN

STRIGIRHYNCHIA COOPER & GRANT 1969

PERMIAN

TAUTOSIA COOPER & GRANT 1969

PERMIAN

TRICORIA COOPER & GRANT 1976

PERMIAN

TROPHISINA COOPER & GRANT 1976

PERMIAN

UNCINUNELLINA GRABAU 1932

PERMIAN

WAIRAKIELLA WATERHOUSE 1967

PERMIAN

WELLERELLINA SHEN, HE & ZHU 1992

PERMIAN

ABYSSORHYNCHIA ZEZINA 1980

RECENT

ACANTHOBASILIOLA ZEZINA 1981

RECENT

BASILIOLELLA HONDT 1987

RECENT

COMPSOTHYRIS JACKSON 1918

RECENT

FRIELEIA DALL 1895

RECENT

GRAMMETARIA COOPER 1959

RECENT

MANITHYRIS FOSTER 1974

RECENT

NEOHEMITHYRIS YABE & HATAI 1934

RECENT

NEORHYNCHIA THOMSON 1915

RECENT

PEMPHIXINA COOPER 1981

RECENT

STRIARINA COOPER 1973

RECENT

TETHYRHYNCHIA LOGAN 1994

RECENT

AGARHYNCHA HAVLICEK 1982

SILURIAN

ANCILLOTOECHIA HAVLICEK 1959

SILURIAN

ARATANEA SCHMIDT 1967

SILURIAN

ARATOECHIA HAVLICEK 1982

SILURIAN

BAILONGJIANGELLA FU 1982

SILURIAN

BOUCOTELLA BOWEN 1966

SILURIAN

CLARKEIA KOZLOWSKI 1923

SILURIAN

DECOROPUGNAX HAVLICEK 1960

SILURIAN

DIABOLIRHYNCHIA DROT 1964

SILURIAN

EATONIOIDES MCLEARN 1918

SILURIAN

ESTONIRHYNCHIA SCHMIDT 1954

SILURIAN

FENESTRIROSTRA COOPER 1955

SILURIAN

HIRCINISCA HAVLICEK 1960

SILURIAN

HOSTIMEX HAVLICEK 1982

SILURIAN

KRITORHYNCHIA RONG & YANG 1981

SILURIAN

LANCEOMYONIA HAVLICEK 1960

SILURIAN

LEPTOLEPYRON JIN 1989

SILURIAN

LINTERELLA AMSDEN 1988

SILURIAN

LUTERELLA AMSDEN 1988

SILURIAN

MONGOLIRHYNCHIA HOU & ZHAO 1976

SILURIAN

MYRMIRHYNX HAVLICEK 1982

SILURIAN

NIKOLAEVIRHYNCHUS BARANOV 1988

SILURIAN

NIORHYNX HAVLICEK 1982

SILURIAN

PECTORHYNCHA MCLEARN 1918

SILURIAN

PLAGIORHYNCHA MCLEARN 1918

SILURIAN

PLATYTROCHALOS JIN 1989

SILURIAN

PLEUROCORNU HAVLICEK 1961

SILURIAN

PSEUDOCAMAROTOECHIA KULKOV 1974

SILURIAN

RHYNCHOTRETA HALL 1879

SILURIAN

RHYTIDORHACHIS JIN & CALDWELL 1990

SILURIAN

SPHAERIRHYNCHIA COOPER & MUIR-WOOD 1951

SILURIAN

STEGERHYNCHOPS AMSDEN 1978

SILURIAN

STEGERHYNCHUS FOERSTE 1909

SILURIAN

STEGOCORNU DURKOOP 1970

SILURIAN

STEGORHYNCHELLA RZONSNITZKAJA 1959

SILURIAN

STENORHYNCHITES HAVLICEK 1990

SILURIAN

SUFETIRHYNCHA HAVLICEK 1982

SILURIAN

SULCATINA SCHMIDT 1964

SILURIAN

TADSCHIKIA NIKIFOROVA 1937

SILURIAN

TRIGONIRHYNCHIOIDES FU 1982

SILURIAN

TUNGUSSOTOECHIA LOPUSHINSKAJA 1976

SILURIAN

TUVAERHYNCHUS KULKOV 1985

SILURIAN

TYRYRHYNCHUS BARANOV 1988

SILURIAN

UNDULORHYNCHA AMSDEN 1988

SILURIAN

URALOTOECHIA SAPELNIKOV 1963

SILURIAN

VIRGINIATA AMSDEN 1968

SILURIAN

XENIOPUGNAX HAVLICEK 1982

SILURIAN

ASTUTORHYNCHA HAVLICEK 1961

SILURIAN-DEVONIAN

EOGLOSSINOTOECHIA HAVLICEK 1959

SILURIAN-DEVONIAN

FELINOTOECHIA HAVLICEK 1961

SILURIAN-DEVONIAN

FERGANELLA NIKIFOROVA 1937

SILURIAN-DEVONIAN

HEBETOECHIA HAVLICEK 1959

SILURIAN-DEVONIAN

HEMITOECHIA NIKIFOROVA 1970

SILURIAN-DEVONIAN

HERCOTREMA JIN 1989

SILURIAN-DEVONIAN

LENATOECHIA NIKIFOROVA 1970

SILURIAN-DEVONIAN

LINGUOPUGNOIDES HAVLICEK 1960

SILURIAN-DEVONIAN

MICROSPHAERIDIORHYNCHUS SARTENAER 1970

SILURIAN-DEVONIAN

APHELESIA COOPER 1959

TERTIARY

ERYMNARIA COOPER 1959

TERTIARY

MANNIA DAVIDSON 1874

TERTIARY

PATAGORHYNCHIA ALLAN 1938

TERTIARY

PHAPSIRHYNCHIA PAJAUD 1976

TERTIARY

PLICIRHYNCHIA ALLAN 1947

TERTIARY

PROBOLARINA COOPER 1959

TERTIARY

RIORHYNCHIA JASSJUKEVITCH 1974

TERTIARY

SPHENARINA COOPER 1959

TERTIARY

STREPTARIA COOPER 1959

TERTIARY

AETHEIA THOMSON 1915

TERTIARY-RECENT

AULITES RICHARDSON 1987

TERTIARY-RECENT

BASILIOLA DALL 1908

TERTIARY-RECENT

CRYPTOPORA JEFFREYS 1869

TERTIARY-RECENT

EOHEMITHIRIS HERTLEIN & GRANT 1944

TERTIARY-RECENT

HEMITHIRIS ORBIGNY 1847

TERTIARY-RECENT

HISPANIRHYNCHIA THOMSON 1927

TERTIARY-RECENT

NOTOSARIA COOPER 1959

TERTIARY-RECENT

RHYTIRHYNCHIA COOPER 1957

TERTIARY-RECENT

TEGULORHYNCHIA CHAPMAN & CRESPIN 1923

TERTIARY-RECENT

ABREKIA DAGYS 1974

TRIASSIC

AMOENIRHYNCHIA SIBLIK 1986

TRIASSIC

AORHYNCHIA MACFARLAN 1992

TRIASSIC

APARIMARHYNCHIA MACFARLAN 1992

TRIASSIC

APERTIRHYNCHELLA SIBLIK 1986

TRIASSIC

AUSTRIELLULA STRAND 1928

TRIASSIC

AUSTRIRHYNCHIA AGER 1959

TRIASSIC

BARZELLINIA GREGORIO 1930

TRIASSIC

CAUCASORHYNCHIA DAGYS 1963

TRIASSIC

COSTINORELLA DAGYS 1974

TRIASSIC

COSTIRHYNCHOPSIS DAGYS 1977

TRIASSIC

CRURIRHYNCHIA DAGYS 1961

TRIASSIC

DECURTELLA GAETANI 1966

TRIASSIC

DIERISMA CHING, SUN & YE 1979

TRIASSIC

DIHOLKORHYNCHIA YANG & XU 1966

TRIASSIC

DIMERELLA ZITTEL 1870

TRIASSIC

EOSEPTALIPHORIA CHING & SUN 1976

TRIASSIC

EUXINELLA MOISSEIEV 1936

TRIASSIC

EXCAVATORHYNCHIA JIN & FANG 1977

TRIASSIC

FUSIRHYNCHIA DAGYS 1968

TRIASSIC

HAGABIRHYNCHIA JEFFERIES 1961

TRIASSIC

HALORELLA BITTNER 1884

TRIASSIC

HALORELLINA XU 1978

TRIASSIC

HALORELLOIDEA AGER 1960

TRIASSIC

HIMALAIRHYNCHIA CHING & SUN 1976

TRIASSIC

HOLCORHYNCHELLA DAGYS 1974

TRIASSIC

LISSORHYNCHIA YANG & XU 1966

TRIASSIC

LUNARIA CHING, SUN & YE 1979

TRIASSIC

MAORIRHYNCHIA MACFARLAN 1992

TRIASSIC

MOISSEIEVIA DAGYS 1963

TRIASSIC

MULTICORHYNCHIA CHEN 1983

TRIASSIC

NEOFASCICOSTA XU 1978

TRIASSIC

NEOWELLERELLA DAGYS 1974

TRIASSIC

NORELLA BITTNER 1890

TRIASSIC

NUCLEUSORHYNCHIA SUN & YE 1982

TRIASSIC

NUDIROSTRALINA YANG & XU 1966

TRIASSIC

OMOLONELLA MOISSEIEV 1936

TRIASSIC

PARANORELLINA DAGYS 1974

TRIASSIC

PARANUDIROSTRALINA SUN & YE 1982

TRIASSIC

PIARORHYNCHELLA DAGYS 1974

TRIASSIC

PSEUDOHALORELLA DAGYS 1965

TRIASSIC

QILIANOCONCHA CHING, SUN & YE 1979

TRIASSIC

RIMIRHYNCHOPSIS DAGYS 1963

TRIASSIC

ROBINSONELLA MOISSEIEV 1936

TRIASSIC

SACCORHYNCHIA CHING, SUN & YE 1979

TRIASSIC

SAKAWAIRHYNCHIA TOKUYAMA 1957

TRIASSIC

SEPTALIPHORIOIDEA YANG & XU 1966

TRIASSIC

SEPTOCYCLOTHYRIS XU 1978

TRIASSIC

SINORHYNCHIA YANG & XU 1966

TRIASSIC

SINUPLICORHYNCHIA DAGYS 1965

TRIASSIC

SULCORHYNCHIA DAGYS 1974

TRIASSIC

TIMORHYNCHIA AGER 1968

TRIASSIC

TRIASORHYNCHIA XU & LIU 1983

TRIASSIC

TRIGONIRHYNCHELLA DAGYS 1963

TRIASSIC

UNIPLICATORHYNCHIA SUN & YE 1982

TRIASSIC

VOLIRHYNCHIA DAGYS 1974

TRIASSIC

WAIRAKIRHYNCHIA MACFARLAN 1992

TRIASSIC

YIDUNELLA CHING, SUN & YE 1979

TRIASSIC

YULONGELLA SUN 1981

TRIASSIC

CUNEIRHYNCHIA BUCKMAN 1918

TRIASSIC-JURASSIC

FISSIRHYNCHIA PEARSON 1977

TRIASSIC-JURASSIC

FURCIRHYNCHIA BUCKMAN 1918

TRIASSIC-JURASSIC

HOLCORHYNCHIA BUCKMAN 1918

TRIASSIC-JURASSIC

MURIHIKURHYNCHIA MACFARLAN 1992

TRIASSIC-JURASSIC

OSMARELLA PEARSON 1977

TRIASSIC-JURASSIC

PIARORHYNCHIA BUCKMAN 1918

TRIASSIC-JURASSIC

RHYNCHONELLINA GEMMELLARO 1871

TRIASSIC-JURASSIC

SULCIROSTRA COOPER & MUIR-WOOD 1951

TRIASSIC-JURASSIC

TEREBRATULOPSIS GREGORIO 1930

TRIASSIC-JURASSIC

VINCENTIRHYNCHIA MACFARLAN 1992

TRIASSIC-JURASSIC

SUPERFAMILY: RHYNCHOPORACEA

GREIRA ERLANGER 1993

DEVONIAN

TRETORHYNCHIA BRUNTON 1971

MISSISSIPPIAN

RHYNCHOPORA KING 1865

MISSISSIPPIAN-PERMI

AN

SUPERFAMILY: RICHTHOFENIACEA

STROPHORICHTHOFENIA TERMIER & AL 1974

PENNSYLVANIAN-PERMI

AN

CANINELLA LIANG 1990

PERMIAN

COLLUMATUS COOPER & GRANT 1969

PERMIAN

COSCINARINA MUIR-WOOD & COOPER 1960

PERMIAN

CYCLACANTHARIA COOPER & GRANT 1969

PERMIAN

GEMMELLAROIA COSSMANN 1898

PERMIAN

GEMMELLAROIELLA MABUTI 1937

PERMIAN

GLOBOSOBUCINA WATERHOUSE & PIYASIN 1970

PERMIAN

HERCOSESTRIA COOPER & GRANT 1969

PERMIAN

HERCOSIA COOPER & GRANT 1969

PERMIAN

LOCZYELLA FRECH 1901

PERMIAN

NEORICHTHOFENIA SHEN, HE & ZHU 1992

PERMIAN

PRORICHTHOFENIA KING 1931

PERMIAN

RICHTHOFENIA KAYSER 1881

PERMIAN

SESELOIDIA GRANT 1993

PERMIAN

SESTROPOMA COOPER & GRANT 1969

PERMIAN

SICULARIA GRANT 1993

PERMIAN

STRIIRICHTHOFENIA LU 1982

PERMIAN

TAPHROSESTRIA COOPER & GRANT 1975

PERMIAN

TECTAREA LICHAREW 1928

PERMIAN

SUPERFAMILY: SIPHONOTRETACEA

CRANIOTRETA TERMIER & MONOD 1978

CAMBRIAN

DYSORISTUS BELL 1944

CAMBRIAN

GORCHAKOVIA POPOV & KHAZANOVITCH 1989

CAMBRIAN

SCHIZAMBON WALCOTT 1884

CAMBRIAN-ORDOVICIAN

ALICHOVIA GORJANSKY 1969

ORDOVICIAN

CELDOBOLUS HAVLICEK 1982

ORDOVICIAN

CYRBASIOTRETA WILLIAMS & CURRY 1985

ORDOVICIAN

EOSIPHONOTRETA HAVLICEK 1982

ORDOVICIAN

FERROBOLUS HAVLICEK 1982

ORDOVICIAN

HELMERSENIA PANDER 1861

ORDOVICIAN

KARNOTRETA WILLIAMS & CURRY 1985

ORDOVICIAN

MULTISPINULA ROWELL 1962

ORDOVICIAN

NUSHBIELLA POPOV 1986

ORDOVICIAN

SIPHONOBOLUS HAVLICEK 1982

ORDOVICIAN

SIPHONOTRETA VERNEUIL 1845

ORDOVICIAN

SIPHONOTRETELLA POPOV & HOLMER 1994

ORDOVICIAN

SUPERFAMILY: SPIRIFERACEA

ANDREASPIRA ABRAMOV & GRIGORJEWA 1986

CARBONIFEROUS

AVISYRINX MARTINEZ 1975

CARBONIFEROUS

BRACHYTHYRINA FREDERICKS 1929

CARBONIFEROUS

CAPILLISPIRIFER ZHANG 1983

CARBONIFEROUS

DOESCHERELLA ABRAMOV & GRIGORJEWA 1987

CARBONIFEROUS

DOMOKHOTIA ABRAMOV & GRIGORJEWA 1983

CARBONIFEROUS

EOBRACHYTHYRINA LAZAREV & POLETAEV 1982

CARBONIFEROUS

KALITVELLA LAZAREV & POLETAEV 1982

CARBONIFEROUS

KASAKHSTANIA BESNOSSOVA 1968

CARBONIFEROUS

KINGHIRIA LITVINOVICH 1966

CARBONIFEROUS

PARACHORISTITES BARCHATOVA 1968

CARBONIFEROUS

PROCHORISTITELLA LEGRAND-BLAIN 1969

CARBONIFEROUS

SPIRIFER SOWERBY 1818

CARBONIFEROUS

TRAUTSCHOLDIA USTRITSKY 1967

CARBONIFEROUS

VERKHOTOMIA SOKOLSKAJA 1963

CARBONIFEROUS

YATSENGINA SEMICHATOVA 1936

CARBONIFEROUS

PUNCTOCYRTELLA PLODOWSKI 1968

CARBONIFEROUS-PERMI

AN

ACROSPIRIFER HELMBRECHT & WEDEKIND 1923

DEVONIAN

ACUTATHECA STAINBROOK 1945

DEVONIAN

ACUTELLA LJASCHENKO 1973

DEVONIAN

ACUTORIA COOPER & DUTRO 1982

DEVONIAN

ADOLFIA GURICH 1909

DEVONIAN

ADOLFISPIRIFER KRYLOVA 1962

DEVONIAN

ALATIFORMIA STRUVE 1963

DEVONIAN

ALDANISPIRIFER ALEKSEEVA 1967

DEVONIAN

ALLANELLA CRICKMAY 1953

DEVONIAN

ALPHACYRTIOPSIS GATINAUD 1949

DEVONIAN

ALTAJELLA KULKOV 1962

DEVONIAN

AMOENOSPIRIFER HAVLICEK 1957

DEVONIAN

ANTISPIRIFER WILLIAMS 1916

DEVONIAN

APOUSIELLA CARTER 1972

DEVONIAN

ARDUSPIRIFER MITTMEYER 1972

DEVONIAN

AUSTRALOSPIRIFER CASTER 1939

DEVONIAN

AUSTROSPIRIFER GLENISTER 1956

DEVONIAN

BETACYRTIOPSIS GATINAUD 1949

DEVONIAN

BIARELLA MARKOWSKII 1988

DEVONIAN

BOJOTHYRIS HAVLICEK 1959

DEVONIAN

BOREALISPIRIFER HOU & SU 1993

DEVONIAN

BRACHYSPIRIFER WEDEKIND 1926

DEVONIAN

BREVISPIRIFER COOPER 1942

DEVONIAN

CALLISPIRIFER PERRY 1984

DEVONIAN

CARPINARIA STRUVE 1982

DEVONIAN

CENTROSPIRIFER TIEN 1938

DEVONIAN

CHANGSHAISPIRIFER ZHAO 1977

DEVONIAN

CHIMAEROTHYRIS PAULUS, STRUVE & WOLFART 1963

DEVONIAN

CLIVOSPIRIFER LJASCHENKO 1973

DEVONIAN

CONCINNISPIRIFER BOUCOT 1975

DEVONIAN

COSTISPIRIFER COOPER 1942

DEVONIAN

CUMBERLANDINA BOUCOT 1975

DEVONIAN

CYRTINOIDES YUDINA & RZONSNITSKAJA 1985

DEVONIAN

CYRTINOPSIS SCUPIN 1896

DEVONIAN

CYRTIOPSIS GRABAU 1923

DEVONIAN

CYRTIORINA COOPER & DUTRO 1982

DEVONIAN

DEOTHOSSIA GATINAUD 1949

DEVONIAN

DICHOSPIRIFER BRICE 1971

DEVONIAN

DIXONELLA GOURVENNEC 1989

DEVONIAN

DMITRIA SIDIACHENKO 1961

DEVONIAN

DMITRISPIRIFER LJASCHENKO 1973

DEVONIAN

DURYEELLA BOUCOT 1975

DEVONIAN

ECHINOSPIRIFER LJASCHENKO 1973

DEVONIAN

ELEUTHEROKOMMA CRICKMAY 1950

DEVONIAN

ELYMOSPIRIFER WANG 1974

DEVONIAN

ENCHONDROSPIRIFER BRICE 1971

DEVONIAN

EOBRACHYTHYRIS BRICE 1971

DEVONIAN

EODMITRIA BRICE 1982

DEVONIAN

EOSPIRIFERINA GRABAU 1931

DEVONIAN

EOSYRINGOTHYRIS STAINBROOK 1943

DEVONIAN

EURYSPIRIFER WEDEKIND 1926

DEVONIAN

EURYTATOSPIRIFER GATINAUD 1949

DEVONIAN

FIDESPIRIFER LJASCHENKO 1973

DEVONIAN

FIMBRISPIRIFER COOPER 1942

DEVONIAN

GEMINISULCISPIRIFER SARTENAER 1982

DEVONIAN

GLYPTOSPIRIFER HOU & XIAN 1975

DEVONIAN

GOUNGJUNSPIRIFER ZHANG 1983

DEVONIAN

GRABAUICYRTIOPSIS GATINAUD 1949

DEVONIAN

GUANGSHUNIA XIAN 1978

DEVONIAN

GUANGXIISPIRIFER XIAN 1978

DEVONIAN

HISPIDARIA COOPER & DUTRO 1982

DEVONIAN

HOWELLOIDEA SU 1980

DEVONIAN

HOWITTIA TALENT 1956

DEVONIAN

HUNANOSPIRIFER TIEN 1938

DEVONIAN

HYSTEROHOWELLELLA CARLS 1985

DEVONIAN

HYSTEROLITES SCHLOTHEIM 1820

DEVONIAN

IBEROHOWELLELLA CARLS, MEYN & VESPERMANN 1993

DEVONIAN

INDOSPIRIFER GRABAU 1931

DEVONIAN

IUBAGRASPIRIFER GATINAUD 1949

DEVONIAN

IUGRABASPIRIFER GATINAUD 1949

DEVONIAN

IVANOTHYRIS HAVLICEK 1957

DEVONIAN

IWAISPIRIFER TACHIBANA 1964

DEVONIAN

JILINOSPIRIFER SU 1980

DEVONIAN

KHINGANOSPIRIFER SU 1976

DEVONIAN

KOMISPIRIFER LJASCHENKO 1973

DEVONIAN

LAMARCKISPIRIFER GATINAUD 1949

DEVONIAN

LAZUTKINIA RZONSNITZKAJA 1952

DEVONIAN

LENZIA PERRY, BOUCOT & GABRIELSE 1981

DEVONIAN

LITOTHYRIS ROBERTS 1971

DEVONIAN

LOBVIA BREIVEL & BREIVEL 1977

DEVONIAN

MARIASPIRIFER TCHERKESOVA 1991

DEVONIAN

MARTELLISPIRIFER GATINAUD 1949

DEVONIAN

MAUISPIRIFER ALLAN 1947

DEVONIAN

MEDIOSPIRIFER BUBLICHENKO 1956

DEVONIAN

MENNESPIRIFER LJASCHENKO 1973

DEVONIAN

MINUTILLA CRICKMAY 1967

DEVONIAN

MIRTELLASPIRIFER GATINAUD 1949

DEVONIAN

MUCROSPIRIFER GRABAU 1931

DEVONIAN

NEODELTHYRIS HOU 1963

DEVONIAN

NORDISPIRIFER LJASCHENKO 1973

DEVONIAN

ORIENTOSPIRIFER HOU & XIAN 1975

DEVONIAN

ORTHOSPIRIFER PITRAT 1975

DEVONIAN

OTOSPIRIFER HOU & XIAN 1975

DEVONIAN

PALAEOSPIRIFER MARTYNOVA & SVERBILOVA 1968

DEVONIAN

PARACYRTIOPSIS GATINAUD 1949

DEVONIAN

PARALAZUTKINIA JIANG 1978

DEVONIAN

PARALLELORA CARTER 1974

DEVONIAN

PARASPIRIFER WEDEKIND 1926

DEVONIAN

PERRYSPIRIFER JONES & BOUCOT 1983

DEVONIAN

PETSHOROSPIRIFER FOTIEVA 1985

DEVONIAN

PINGHUANGELLA JIANG 1978

DEVONIAN

PINGUISPIRIFER HAVLICEK 1957

DEVONIAN

PLATYRACHELLA FENTON & FENTON 1924

DEVONIAN

PLATYSPIRIFER GRABAU 1931

DEVONIAN

PLECTOSPIRIFER GRABAU 1931

DEVONIAN

QIANSISPIRIFER YANG 1977

DEVONIAN

QUADRIFARIUS FUCHS 1923

DEVONIAN

QUIRINGITES STRUVE 1992

DEVONIAN

REGELIA CRICKMAY 1952

DEVONIAN

RETZISPIRIFER KULKOV 1960

DEVONIAN

RHENOSPIRIFER MITTMEYER 1972

DEVONIAN

RIGAUXIA BRICE 1988

DEVONIAN

ROSTROSPIRIFER GRABAU 1931

DEVONIAN

SCHIZOSPIRIFER GRABAU 1931

DEVONIAN

SCULPTOSPIRIFER SU 1980

DEVONIAN

SERGUNKOVIA NALIVKIN 1979

DEVONIAN

SINOCYRTIOPSIS GATINAUD 1949

DEVONIAN

SINOSPIRIFER GRABAU 1931

DEVONIAN

SPHENOSPIRA COOPER 1954

DEVONIAN

SPINELLA TALENT 1956

DEVONIAN

SPINOCYRTIA FREDERICKS 1916

DEVONIAN

SPINOSPIRIFER MARTYNOVA 1961

DEVONIAN

STROPHOPLEURA STAINBROOK 1947

DEVONIAN

STRUVEINA BOUCOT 1975

DEVONIAN

SUBCUSPIDELLA MITTMEYER 1965

DEVONIAN

SUBQUADRIANGULISPIRIFER SARTENAER 1982

DEVONIAN

SULCATOSPIRIFER MAXWELL 1954

DEVONIAN

SYRINGOSPIRA KINDLE 1909

DEVONIAN

TARANDROSPIRIFER SIMAKOV 1970

DEVONIAN

TATJANASPIRIFER TCHERKESOVA 1991

DEVONIAN

TENISIA MARTYNOVA 1970

DEVONIAN

TENTICOSPIRIFER TIEN 1938

DEVONIAN

TENUICOSTELLA MITTMEYER & GEIB 1967

DEVONIAN

THEODOSSIA NALIVKIN 1925

DEVONIAN

THOMASARIA STAINBROOK 1945

DEVONIAN

TIMANOSPIRIFER LJASCHENKO 1973

DEVONIAN

TIOCYRSPIS SARTENAER 1994

DEVONIAN

TOROSOSPIRIFER GOURVENNEC 1989

DEVONIAN

TRIGONOSPIRIFER WANG, RONG & CHEN 1987

DEVONIAN

UCHTOSPIRIFER LJASCHENKO 1957

DEVONIAN

URALOSPIRIFER HAVLICEK 1959

DEVONIAN

URELLA RZONSNITZKAJA 1960

DEVONIAN

VANDERCAMMENINA BOUCOT 1975

DEVONIAN

VANDERGRACHTELLA CRICKMAY 1953

DEVONIAN

XENOSPIRIFER HOU & XIAN 1975

DEVONIAN

XEROSPIRIFER HAVLICEK 1978

DEVONIAN

XINJIANGOSPIRIFER HOU & ZHANG 1983

DEVONIAN

YRCTOSPIRIFER GATINAUD 1949

DEVONIAN

ARCTOSPIRIFER STAINBROOK 1950

DEVONIAN-MISSISSIPP

IAN

CYRTOSPIRIFER NALIVKIN 1924

DEVONIAN-MISSISSIPP

IAN

GRABAUISPIRIFER GATINAUD 1949

DEVONIAN-MISSISSIPP

IAN

SYRINGOPLEURA SCHUCHERT 1910

DEVONIAN-MISSISSIPP

IAN

SYRINGOTHYRIS WINCHELL 1863

DEVONIAN-MISSISSIPP

IAN

TYLOTHYRIS NORTH 1920

DEVONIAN-MISSISSIPP

IAN

ACUMINOTHYRIS ROBERTS 1963

MISSISSIPPIAN

ALA NALIVKIN 1979

MISSISSIPPIAN

AMESOPLEURA CARTER 1967

MISSISSIPPIAN

ANGIOSPIRIFER LEGRAND-BLAIN 1985

MISSISSIPPIAN

ASYRINXIA CAMPBELL 1957

MISSISSIPPIAN

AUSTROCHORISTITES ROBERTS 1971

MISSISSIPPIAN

BASHKIRIA NALIVKIN 1979

MISSISSIPPIAN

BRACHYTHYRIS MCCOY 1844

MISSISSIPPIAN

CALVUSTRIGIS CARTER 1987

MISSISSIPPIAN

CELSIFORNIX CARTER 1974

MISSISSIPPIAN

CRATOSPIRIFER TONG 1986

MISSISSIPPIAN

DANZANIA PAVLOVA 1988

MISSISSIPPIAN

ECTOCHORISTITES CAMPBELL 1957

MISSISSIPPIAN

EOCHORISTITELLA QI 1983

MISSISSIPPIAN

EOCHORISTITES CHU 1933

MISSISSIPPIAN

EUDOXINA FREDERICKS 1929

MISSISSIPPIAN

FERNGLENIA CARTER 1992

MISSISSIPPIAN

FINOSPIRIFER YIN 1981

MISSISSIPPIAN

FRECHELLA LEGRAND-BLAIN 1986

MISSISSIPPIAN

FUSELLA MCCOY 1844

MISSISSIPPIAN

GLOBISPIRIFER TACHIBANA 1964

MISSISSIPPIAN

GRANDISPIRIFER YAN 1959

MISSISSIPPIAN

GUILINOSPIRIFER XU & YAO 1988

MISSISSIPPIAN

IMBREXIA NALIVKIN 1937

MISSISSIPPIAN

KISILIA NALIVKIN 1979

MISSISSIPPIAN

LIRASPIRIFER STAINBROOK 1950

MISSISSIPPIAN

LYTHA FREDERICKS 1924

MISSISSIPPIAN

MESOCHORISPIRA CARTER 1992

MISSISSIPPIAN

MIRIFUSELLA CARTER 1971

MISSISSIPPIAN

NODAEA TACHIBANA 1981

MISSISSIPPIAN

PALAEOCHORISTITES SOKOLSKAJA 1941

MISSISSIPPIAN

PARACOMPOSITA DING & YAO 1985

MISSISSIPPIAN

PERISSOTHYRIS CARTER 1967

MISSISSIPPIAN

PLICATOSYRINX MINATO 1952

MISSISSIPPIAN

PODTSHEREMIA KALASHNIKOV 1966

MISSISSIPPIAN

PROSPIRA MAXWELL 1954

MISSISSIPPIAN

PROSYRINGOTHYRIS FREDERICKS 1916

MISSISSIPPIAN

PSEUDOSYRINX WELLER 1914

MISSISSIPPIAN

QUIZHOUSPIRIFER XIAN 1979

MISSISSIPPIAN

SEPTOSYRINGOTHYRIS VANDERCAMMEN 1955

MISSISSIPPIAN

SUBSPIRIFER SHAN & ZHAO 1981

MISSISSIPPIAN

TEGULOCREA CARTER 1992

MISSISSIPPIAN

TEXATHYRIS CARTER 1972

MISSISSIPPIAN

ULBOSPIRIFER GRETCHISCHNIKOVA 1965

MISSISSIPPIAN

UNISPIRIFER CAMPBELL 1957

MISSISSIPPIAN

VOISEYELLA ROBERTS 1964

MISSISSIPPIAN

WARSAWIA CARTER 1974

MISSISSIPPIAN

ZEUGOPLEURA CARTER 1988

MISSISSIPPIAN

ALPHACHORISTITES GATINAUD 1949

MISSISSIPPIAN-PERMI

AN

BETACHORISTITES GATINAUD 1949

MISSISSIPPIAN-PERMI

AN

CHORISTITES FISCHER 1825

MISSISSIPPIAN-PERMI

AN

ALISPIRIFER CAMPBELL 1961

PENNSYLVANIAN

ANTHRACOSPIRIFER LANE 1963

PENNSYLVANIAN

ANTHRACOTHYRINA LEGRAND-BLAIN 1984

PENNSYLVANIAN

CHORISTITELLA IVANOV & IVANOVA 1937

PENNSYLVANIAN

GIBBOSPIRIFER WATERHOUSE 1971

PENNSYLVANIAN

LARISPIRIFER ENOKJAN & POLETAEV 1986

PENNSYLVANIAN

MERISTORYGMA CARTER 1974

PENNSYLVANIAN

NEOMUNELLA OZAKI 1931

PENNSYLVANIAN

ORULGANIA SOLOMINA & TSCHERNJAK 1961

PENNSYLVANIAN

PLICATOCYRTIA GAURI 1965

PENNSYLVANIAN

PLICATOSPIRIFERELLA WATERHOUSE & WADDINGTON 1982

PENNSYLVANIAN

SERGOSPIRIFER IVANOVA 1952

PENNSYLVANIAN

SETTEDABANIA ABRAMOV 1970

PENNSYLVANIAN

SKELIDORYGMA CARTER 1974

PENNSYLVANIAN

TANGSHANELLA CHAO 1929

PENNSYLVANIAN

ALPHANEOSPIRIFER GATINAUD 1949

PENNSYLVANIAN-PERMI

AN

ERIDMATUS BRANSON 1966

PENNSYLVANIAN-PERMI

AN

NEOSPIRIFER FREDERICKS 1924

PENNSYLVANIAN-PERMI

AN

SPIRIFERELLA TSCHERNYSCHEW 1902

PENNSYLVANIAN-PERMI

AN

TIBETOSPIRIFER LIU & WANG 1990

PENNSYLVANIAN-PERMI

AN

AFGHANOSPIRIFER PLODOWSKI 1968

PERMIAN

ALISPIRIFERELLA WATERHOUSE & WADDINGTON 1982

PERMIAN

APERISPIRIFER WATERHOUSE 1968

PERMIAN

ARCULLINA WATERHOUSE 1986

PERMIAN

ASYRINX HUDSON & SUDBURY 1959

PERMIAN

BETANEOSPIRIFER GATINAUD 1949

PERMIAN

BLASISPIRIFER KULIKOV 1950

PERMIAN

CANCELLOSPIRIFER CAMPBELL 1953

PERMIAN

CARTORHIUM COOPER & GRANT 1976

PERMIAN

CATHAYSPIRINA LIANG 1990

PERMIAN

COSTATISPIRIFER ARCHBOLD & THOMAS 1985

PERMIAN

CRASSISPIRIFER ARCHBOLD & THOMAS 1985

PERMIAN

CRATISPIRIFER ARCHBOLD & THOMAS 1985

PERMIAN

CYRTELLA FREDERICKS 1924

PERMIAN

DARVASIA LICHAREW 1934

PERMIAN

ELINORIA COOPER & MUIR-WOOD 1951

PERMIAN

ELIVA FREDERICKS 1924

PERMIAN

ELIVINA FREDERICKS 1924

PERMIAN

ELLA FREDERICKS 1918

PERMIAN

FUSISPIRIFER WATERHOUSE 1966

PERMIAN

GRANTONIA BROWN 1953

PERMIAN

GYPOSPIRIFER COOPER & GRANT 1976

PERMIAN

HAPLOSPIRIFER LEE & GU 1976

PERMIAN

IMPERIOSPIRA ARCHBOLD & THOMAS 1993

PERMIAN

KANINOSPIRIFER KULIKOV & STEPANOV 1975

PERMIAN

KUNGAELLA SOLOMINA 1988

PERMIAN

LAMNIPLICA WATERHOUSE & RAO 1989

PERMIAN

LATISPIRIFER ARCHBOLD & THOMAS 1985

PERMIAN

LEPIDOSPIRIFER COOPER & GRANT 1969

PERMIAN

LICHAREWIA EINOR 1939

PERMIAN

OLGERDIA GRIGORJEWA 1977

PERMIAN

PAECKELMANELLA LICHAREW 1934

PERMIAN

PENZHINELLA SOLOMINA 1985

PERMIAN

PERMASYRINX WATERHOUSE 1983

PERMIAN

PERMOSPIRIFER KULIKOV 1950

PERMIAN

PLANIHAYDENELLA CHANG 1987

PERMIAN

PONDOSPIRIFER WATERHOUSE 1978

PERMIAN

PRIMOREWIA LICHAREW & KOTLJAR 1978

PERMIAN

PSEUDOSYRINGOTHYRIS FREDERICKS 1916

PERMIAN

PTEROSPIRIFER DUNBAR 1955

PERMIAN

PURDONELLA REED 1944

PERMIAN

PUSTULOPLICA WATERHOUSE 1968

PERMIAN

PYRAMIDATHYRIS HU 1983

PERMIAN

RHOMBOSPIRIFER DUAN & LI 1985

PERMIAN

RUGULATIA SOKOLSKAJA 1952

PERMIAN

SEMIBRACHYTHYRINA YANG & TING 1962

PERMIAN

SEPTOSPIRIFER WATERHOUSE 1971

PERMIAN

SPIRIFERELLAOIDES LEE, GU & LI 1980

PERMIAN

SPIRIFERELLOIDES LEE, GU & LI 1985

PERMIAN

SPIRIFERINAELLA FREDERICKS 1926

PERMIAN

SUBANSIRIA SAHNI & SRIVASTAVA 1956

PERMIAN

SULCIPLICA WATERHOUSE 1968

PERMIAN

TIMANIELLA BARCHATOVA 1968

PERMIAN

TIPISPIRIFER GRANT 1976

PERMIAN

TRANSVERSARIA WATERHOUSE & GUPTA 1983

PERMIAN

TRIGONOTRETA KOENIG 1825

PERMIAN

TUMARINIA SOLOMINA & GRIGORJEWA 1973

PERMIAN

TUOTALANIA HU 1983

PERMIAN

XIZISPIRIFER LIANG 1990

PERMIAN

ZHEJIANGOSPIRIFER LIANG 1982

PERMIAN

ACANTHOSPIRIFER MENAKOVA 1964

SILURIAN

ARASPIRIFER HAVLICEK 1987

SILURIAN

BOUCOTINSKIA BRUNTON & COCKS 1967

SILURIAN

ENDOSPIRIFER TACHIBANA 1981

SILURIAN

HEDEINA BOUCOT 1957

SILURIAN

HOLCOSPIRIFER BASSETT, COCKS & HOLLAND 1976

SILURIAN

RUFISPIRIFER HAVLICEK 1987

SILURIAN

XERXESPIRIFER COCKS 1979

SILURIAN

DELTHYRIS DALMAN 1828

SILURIAN-DEVONIAN

HOWELLELLA KOZLOWSKI 1946

SILURIAN-DEVONIAN

KOZLOWSKIELLINA BOUCOT 1958

SILURIAN-DEVONIAN

MEGAKOZLOWSKIELLA BOUCOT 1957

SILURIAN-DEVONIAN

SUPERFAMILY: SPIRIFERINACEA

MUCROSPIRIFERINELLA WATERHOUSE 1982

CARBONIFEROUS

POLYSTYLUS KLETS 1993

CARBONIFEROUS

ZAISSANIA SOKOLSKAJA 1968

CARBONIFEROUS

PUNCTOSPIRELLA DAGYS 1974

CARBONIFEROUS-TRIAS

SIC

CANDISPIRIFER HAVLICEK 1971

DEVONIAN

CALLOSPIRIFERINA ROUSSELLE 1977

JURASSIC

CALYPTORIA COOPER 1989

JURASSIC

CINGOLOSPIRIFERINA POZZA 1992

JURASSIC

DISPIRIFERINA SIBLIK 1965

JURASSIC

LIOSPIRIFERINA ROUSSELLE 1977

JURASSIC

ACANTHOSPIRINA SCHUCHERT & LEVENE 1929

MISSISSIPPIAN

DIMEGELASMA COOPER 1942

MISSISSIPPIAN

PUNCTOSPIRIFER NORTH 1920

MISSISSIPPIAN

PUNCTOTHYRIS HYDE 1953

MISSISSIPPIAN

ZIGANELLA NALIVKIN 1960

MISSISSIPPIAN

RETICULARIINA FREDERICKS 1916

MISSISSIPPIAN & PER

MIAN

GJELISPINIFERA IVANOVA 1975

PENNSYLVANIAN

LAIOPORELLA IVANOVA 1975

PENNSYLVANIAN

LIRIPLICA CAMPBELL 1961

PENNSYLVANIAN

SPINULIPLICA CAMPBELL 1961

PENNSYLVANIAN

SPIROPUNCTIFERA IVANOVA 1971

PENNSYLVANIAN

CRENISPIRIFER STEHLI 1954

PENNSYLVANIAN-PERMI

AN

ALTIPLECUS STEHLI 1954

PERMIAN

ARIONTHIA COOPER & GRANT 1976

PERMIAN

CALLISPIRINA COOPER & MUIR-WOOD 1951

PERMIAN

GENUSPIRIFER LIANG 1990

PERMIAN

LAMNAESPINA WATERHOUSE 1976

PERMIAN

METRIOLEPIS COOPER & GRANT 1976

PERMIAN

ODONTOSPIRIFER DUNBAR 1955

PERMIAN

PARASPIRIFERINA REED 1944

PERMIAN

PUSTULOSPIRIFERINA WATERHOUSE 1983

PERMIAN

SARGANOSTEGA COOPER & GRANT 1969

PERMIAN

SCENESIA COOPER & GRANT 1976

PERMIAN

SPIRIFERELLINA FREDERICKS 1924

PERMIAN

SULCISPIRIFERINA WATERHOUSE & GUPTA 1981

PERMIAN

XESTOTREMA COOPER & GRANT 1969

PERMIAN

YAONOIELLA WATERHOUSE 1983

PERMIAN

AEQUSPIRIFERINA YANG & YIN 1962

TRIASSIC

ALIPUNCTIFERA WATERHOUSE 1975

TRIASSIC

ALTOPLICATELLA XU & LIU 1983

TRIASSIC

BALATONOSPIRA DAGYS 1974

TRIASSIC

BOLILASPIRIFER SUN 1981

TRIASSIC

BOREIOSPIRA DAGYS 1974

TRIASSIC

CANADOSPIRA DAGYS 1972

TRIASSIC

COSTISPIRIFERINA DAGYS 1974

TRIASSIC

DAGYSPIRIFER HOOVER 1991

TRIASSIC

DENTOSPIRIFERINA DAGYS 1965

TRIASSIC

DINARISPIRA DAGYS 1974

TRIASSIC

GUSERIPLIA DAGYS 1963

TRIASSIC

KOEVESKALLINA DAGYS 1965

TRIASSIC

LABALLA MOISSEIEV 1962

TRIASSIC

LANCANGJIANGIA JIN & FANG 1977

TRIASSIC

LEIOLEPISMATINA YANG & XU 1966

TRIASSIC

MENTZELIOIDES DAGYS 1974

TRIASSIC

MENTZELIOPSIS TRECHMANN 1918

TRIASSIC

NUDISPIRIFERINA YANG & XU 1966

TRIASSIC

ORIENTOSPIRA DAGYS 1965

TRIASSIC

PARALABALLA SUN 1981

TRIASSIC

PENNOSPIRIFERINA DAGYS 1965

TRIASSIC

PHENACOZUGMAYERELLA HOOVER 1991

TRIASSIC

PSEUDOCYRTINA DAGYS 1962

TRIASSIC

PSEUDOLABALLA DAGYS 1974

TRIASSIC

PSEUDOSPIRIFERINA YANG & XU 1966

TRIASSIC

PSEUDOSPONDYLOSPIRA HOOVER 1991

TRIASSIC

PSIOIDIELLA CAMPBELL 1968

TRIASSIC

QINGHAISPIRIFERINA SUN & YE 1982

TRIASSIC

QINGYENIA YANG & XU 1966

TRIASSIC

QISPIRIFERINA XU & LIU 1983

TRIASSIC

RASTELLIGERA HECTOR 1879

TRIASSIC

SINUCOSTA DAGYS 1963

TRIASSIC

SINUCOSTELLA XU & LIU 1983

TRIASSIC

SPIRIFERINOIDES TOKUYAMA 1957

TRIASSIC

SPONDYLOSPIRIFERINA DAGYS 1972

TRIASSIC

TETHYSPIRA SIBLIK 1991

TRIASSIC

TULUNGOSPIRIFER CHING & SUN 1976

TRIASSIC

VILIGELLA DAGYS 1965

TRIASSIC

VITIMETULA HOOVER 1991

TRIASSIC

YALONGIA XU & LIU 1983

TRIASSIC

YANGKONGIA XU & LIU 1983

TRIASSIC

YANOSPIRA DAGYS 1977

TRIASSIC

SPIRIFERINA ORBIGNY 1847

TRIASSIC-JURASSIC

SUPERFAMILY: STENOSCISMATACEA

BEICHUANELLA CHEN 1978

DEVONIAN

PARATRIBONIUM SAPELNIKOV & MIZENS 1991

DEVONIAN

PROATRIBONIUM GRATSIANOVA 1967

DEVONIAN

ATRIBONIUM GRANT 1965

DEVONIAN-MISSISSIPP

IAN

COLEDIUM GRANT 1965

DEVONIAN-PERMIAN

SEDENTICELLULA COOPER 1942

MISSISSIPPIAN

CAMAROPHORINA LICHAREW 1934

MISSISSIPPIAN-PERMI

AN

CAMERISMA GRANT 1965

MISSISSIPPIAN-PERMI

AN

STENOSCISMA CONRAD 1839

MISSISSIPPIAN-PERMI

AN

PSILOCAMARA COOPER 1956

PENNSYLVANIAN-PERMI

AN

SEPTACAMERA STEPANOV 1937

PENNSYLVANIAN-PERMI

AN

CALLAIAPSIDA GRANT 1971

PERMIAN

CAMAROPHORINELLA LICHAREW 1936

PERMIAN

CYROLEXIS GRANT 1965

PERMIAN

GOLEOMIXA GRANT 1976

PERMIAN

HYBOSTENOSCISMA LIAO & MENG 1986

PERMIAN

SEPTACAMARELLA GLUSHENKO 1975

PERMIAN

TORYNECHUS COOPER & GRANT 1962

PERMIAN

USSURICAMARA KOCZYRKEVICZ 1969

PERMIAN

ZHEJIANGELLA LIANG 1982

PERMIAN

ZHEJIANGELLINA LIANG 1990

PERMIAN

SUPERFAMILY: STRICKLANDIACEA

MARIANNAELLA SAPELNIKOV & AL 1975

SILURIAN

RARIDIUM SAPELNIKOV & MIZENS 1987

SILURIAN

SUPERFAMILY: STRINGOCEPHALACEA

ACROTHYRIS HOU 1963

DEVONIAN

ADRENIA CHATTERTON 1973

DEVONIAN

AMPHIGENIA HALL 1867

DEVONIAN

ANTISTRIX JOHNSON 1972

DEVONIAN

BARBAROTHYRIS WANG & RONG 1986

DEVONIAN

BEACHIA HALL & CLARKE 1893

DEVONIAN

BORNHARDTINA SCHULZ 1914

DEVONIAN

BRACHYZYGA KOZLOWSKI 1929

DEVONIAN

BRASILINA CLARKE 1921

DEVONIAN

CATACEPHALUS YANG 1983

DEVONIAN

CENTRONELLA BILLINGS 1859

DEVONIAN

CHAPADELLA GREGER 1920

DEVONIAN

CHAPADELLA QUADROS 1981

DEVONIAN

CHASCOTHYRIS HOLZAPFEL 1895

DEVONIAN

CIMICINELLA SCHMIDT 1946

DEVONIAN

CIMICINOIDES ANDERSON, BOUCOT & JOHNSON

1969

DEVONIAN

CLOUDELLA BOUCOT & JOHNSON 1963

DEVONIAN

CONOMIMUS JOHNSON, BOUCOT & GRONBERG

1968

DEVONIAN

CUSPIDATELLA MODZALEVSKAJA 1991

DEVONIAN

CYDIMIA CHATTERTON 1973

DEVONIAN

DERBYINA CLARKE 1913

DEVONIAN

ECTORENSSELANDIA JOHNSON 1973

DEVONIAN

ELMARIA NALIVKIN 1947

DEVONIAN

ENANTIOSPHEN WHIDBORNE 1893

DEVONIAN

ENANTIOSPHENELLA JOHNSON 1974

DEVONIAN

ENSE STRUVE 1992

DEVONIAN

ERECTOCEPHALUS XIAN 1978

DEVONIAN

ETYMOTHYRIS CLOUD 1942

DEVONIAN

EURYTHYRIS CLOUD 1942

DEVONIAN

GERANOCEPHALUS CRICKMAY 1954

DEVONIAN

GLOBITHYRIS CLOUD 1942

DEVONIAN

HEMISTRINGOCEPHALUS SMIRNOV 1985

DEVONIAN

HESSENHAUSIA STRUVE 1982

DEVONIAN

KAPLEX FICNER & HAVLICEK 1975

DEVONIAN

LEIOSEPTATHYRIS WU 1974

DEVONIAN

LIEVINELLA BOUCOT 1975

DEVONIAN

MACROPLECTANE COSSMANN 1909

DEVONIAN

MEGANTERELLA BOUCOT 1959

DEVONIAN

MEGANTERIS SUESS 1855

DEVONIAN

MENDATHYRIS CLOUD 1942

DEVONIAN

MICIDUS CHATTERTON 1973

DEVONIAN

MUTATIONELLA KOZLOWSKI 1929

DEVONIAN

NANOTHYRIS CLOUD 1942

DEVONIAN

NEOGLOBITHYRIS HAVLICEK 1984

DEVONIAN

OLIVEIRELLA OLIVEIRA 1934

DEVONIAN

OMOLONIA ALEKSEEVA 1967

DEVONIAN

ORISKANIA HALL & CLARKE 1893

DEVONIAN

PARABORNHARDTINA SUN & HOU 1964

DEVONIAN

PARACROTHYRIS WU 1974

DEVONIAN

PARANAIA CLARKE 1913

DEVONIAN

PARASTRINGOCEPHALUS STRUVE 1965

DEVONIAN

PLEUROTHYRELLA BOUCOT, CASTER 1963

DEVONIAN

PODOLELLA KOZLOWSKI 1929

DEVONIAN

PRIONOTHYRIS CLOUD 1942

DEVONIAN

PROBOSCIDINA ISAACSON 1977

DEVONIAN

PRORENSSELAERIA RAYMOND 1923

DEVONIAN

PSEUDOBORNHARDTINA YANG 1977

DEVONIAN

RENSSELAERIA HALL 1859

DEVONIAN

RENSSELAERINA DUNBAR 1917

DEVONIAN

RENSSELANDIA HALL 1867

DEVONIAN

RENSSELANDIOIDEA YANG 1983

DEVONIAN

RHENORENSSELAERIA KEGEL 1913

DEVONIAN

RHIPIDOTHYRIS COOPER & WILLIAMS 1935

DEVONIAN

SCAPHIOCOELIA WHITFIELD 1891

DEVONIAN

SEPTOTHYRIS COOPER & WILLIAMS 1935

DEVONIAN

STRINGOCEPHALUS DEFRANCE 1825

DEVONIAN

STRINGODISCUS STRUVE 1982

DEVONIAN

STRINGOMIMUS STRUVE 1965

DEVONIAN

STURTELLA SAVAGE 1971

DEVONIAN

SUBRENSSELANDIA CLOUD 1942

DEVONIAN

SUBSINUCEPHALUS STRUVE 1992

DEVONIAN

VLTAVOTHYRIS HAVLICEK 1956

DEVONIAN

XANA GARCIA-ALCALDE 1972

DEVONIAN

XIANGZHOUNIA NI & YANG 1977

DEVONIAN

YEKERPENE STRUVE 1992

DEVONIAN

YINGTANGELLA BAI & YING 1978

DEVONIAN

ZHONGPINGIA YANG 1983

DEVONIAN

GACINA STEHLI 1961

MISSISSIPPIAN

HARTTINA HALL & CLARKE 1893

MISSISSIPPIAN

ROMINGERINA HALL & CLARKE 1893

MISSISSIPPIAN

PLANOTHYRIS GLUSHENKO 1975

PERMIAN

SUPERFAMILY: STROPHALOSIACEA

BRANXTONIA BOOKER 1930

CARBONIFEROUS

CHONOSTEGOIDELLA LEE & YANG 1986

CARBONIFEROUS

HONTORIALOSIA MARTINEZ 1979

CARBONIFEROUS

SINUATELLA MUIR-WOOD 1928

CARBONIFEROUS

ACANTHALOSIA WATERHOUSE 1986

CARBONIFEROUS-PERMI

AN

LIPANTERIS BRIGGS 1986

CARBONIFEROUS-PERMI

AN

ARAKSALOSIA LAZAREV 1989

DEVONIAN

AUSTRALOSIA MCKELLAR 1970

DEVONIAN

DEVONALOSIA MUIR-WOOD & COOPER 1960

DEVONIAN

DICHACAENIA COOPER & DUTRO 1982

DEVONIAN

DONALOSIA LAZAREV 1989

DEVONIAN

EOSTROPHALOSIA STAINBROOK 1943

DEVONIAN

KAHLELLA LEGRAND-BLAIN 1995

DEVONIAN

OLIGORHACHIS IMBRIE 1959

DEVONIAN

RALIA LAZAREV 1987

DEVONIAN

RHYTIALOSIA LAZAREV 1989

DEVONIAN

TRUNCALOSIA IMBRIE 1959

DEVONIAN

VEEVERSALOSIA LAZAREV 1989

DEVONIAN

LEPTALOSIA DUNBAR & CONDRA 1932

DEVONIAN-PENNSYLVAN

IAN

CROSSALOSIA MUIR-WOOD & COOPER 1960

MISSISSIPPIAN

CYPHOTALOSIA CARTER 1967

MISSISSIPPIAN

DENGALOSIA MANANKOV & PAVLOVA 1981

MISSISSIPPIAN

PARMEPHRIX BRUNTON, RACHEBOEUF & MUNDY

1994

MISSISSIPPIAN

HETERALOSIA KING 1938

MISSISSIPPIAN-PERMI

AN

ENIGMALOSIA CZARNIECKI 1969

PENNSYLVANIAN

PROTEGULIFERINA LICHAREW 1960

PENNSYLVANIAN

TAENIOTHAERUS WHITEHOUSE 1928

PENNSYLVANIAN-PERMI

AN

TEGULIFERINA SCHUCHERT & LEVENE 1929

PENNSYLVANIAN-PERMI

AN

ACRITOSIA COOPER & GRANT 1969

PERMIAN

ALATOPRODUCTUS CHING & ZHU 1978

PERMIAN

ANSEHIA TERMIER & TERMIER 1970

PERMIAN

ARCTICALOSIA WATERHOUSE 1986

PERMIAN

AULOSTEGES HELMERSEN 1847

PERMIAN

BAISSALOSTEGES KOTLJAR 1989

PERMIAN

BIBATIOLA GRANT 1976

PERMIAN

BILOTINA REED 1944

PERMIAN

CATHAYSIA CHING 1966

PERMIAN

CELEBETES GRANT 1976

PERMIAN

CEOCYPEA GRANT 1972

PERMIAN

CHONETELLA WAAGEN 1884

PERMIAN

CHONOSTEGES MUIR-WOOD & COOPER 1960

PERMIAN

CHONOSTEGOIDES SARYTCHEVA 1965

PERMIAN

CORONALOSIA WATERHOUSE & GUPTA 1978

PERMIAN

COSTALOSIELLA WATERHOUSE 1983

PERMIAN

COSTELLARINA MUIR-WOOD & COOPER 1967

PERMIAN

CRASPEDALOSIA MUIR-WOOD & COOPER 1960

PERMIAN

CTENALOSIA COOPER & STEHLI 1955

PERMIAN

CYRTALOSIA TERMIER & TERMIER 1970

PERMIAN

DASYALOSIA MUIR-WOOD & COOPER 1960

PERMIAN

DERBYELLA GRABAU 1931

PERMIAN

ECHINALOSIA WATERHOUSE 1967

PERMIAN

EPICELIA GRANT 1972

PERMIAN

ETHERILOSIA ARCHBOLD 1993

PERMIAN

FALAFER GRANT 1972

PERMIAN

GIRLASIA GREGORIO 1930

PERMIAN

HOWSEIA LOGAN 1963

PERMIAN

HUATANGIA LIAO & MENG 1986

PERMIAN

LIALOSIA MUIR-WOOD & COOPER 1960

PERMIAN

LICHAREWIELLA USTRITSKY 1960

PERMIAN

LIVERINGIA ARCHBOLD 1987

PERMIAN

MARGINALOSIA WATERHOUSE 1978

PERMIAN

MEGALOSIA WATERHOUSE 1988

PERMIAN

MEGATSCHERNYSCHEWIA SREMAC 1986

PERMIAN

MINGENEWIA ARCHBOLD 1980

PERMIAN

MONGOLOSIA MANANKOV & PAVLOVA 1976

PERMIAN

NOTOLOSIA ARCHBOLD 1986

PERMIAN

ORTHOTHRIX GEINITZ 1847

PERMIAN

PARACHONETELLA LIAO 1980

PERMIAN

PLANISPINA STEHLI 1954

PERMIAN

PSEUDOSTROPHALOSIA CLARKE 1970

PERMIAN

RAMOVSINA SREMAC 1986

PERMIAN

SEPTOPRODUCTUS FRECH 1911

PERMIAN

SPHENALOSIA MUIR-WOOD & COOPER 1960

PERMIAN

SPHENOSTEGES MUIR-WOOD & COOPER 1960

PERMIAN

SPINOSTEGES LIANG 1990

PERMIAN

SPIRISOSIUM GREGORIO 1930

PERMIAN

STROPHALOSIA KING 1844

PERMIAN

STROPHALOSIELLA LICHAREW 1935

PERMIAN

STROPHALOSIINA LICHAREW 1935

PERMIAN

SUBTAENIOTHAERUS SOLOMINA 1988

PERMIAN

UNCISTEGES JING & HU 1978

PERMIAN

URUSHTENIA LICHAREW 1935

PERMIAN

URUSHTENOIDEA JING & HU 1978

PERMIAN

WYATKINA FREDERICKS 1931

PERMIAN

WYNDHAMIA BOOKER 1930

PERMIAN

SUPERFAMILY: STROPHODONTACEA

ARBIZUSTROPHIA GARCIA-ALCALDE 1972

DEVONIAN

CHUANOSTROPHIA XIAN 1988

DEVONIAN

CHYNISTROPHIA HAVLICEK 1977

DEVONIAN

COSTISTROPHONELLA HARPER & BOUCOT 1978

DEVONIAN

CYMBISTROPHEODONTA HARPER & BOUCOT 1978

DEVONIAN

DEVONAMPHISTROPHIA HARPER & BOUCOT 1978

DEVONIAN

DOUVILLINOIDES HARPER & BOUCOT 1978

DEVONIAN

FASCISTROPHEODONTA HARPER & BOUCOT 1978

DEVONIAN

FIBULISTROPHIA GARCIA-ALCALDE 1972

DEVONIAN

FLOWERIA COOPER & DUTRO 1982

DEVONIAN

GALATEASTROPHIA HARPER & BOUCOT 1978

DEVONIAN

GENICULOMCLEARNITES HARPER & BOUCOT 1978

DEVONIAN

GIBBEROSTROPHIA HARPER & BOUCOT 1978

DEVONIAN

JAKUTOSTROPHIA MANANKOV 1991

DEVONIAN

KHANGAESTROPHIA MENDBAYAR 1994

DEVONIAN

MAGNIVENTRA HARPER & BOUCOT 1978

DEVONIAN

MEGASTROPHIELLA HARPER & BOUCOT 1978

DEVONIAN

MESODOUVIELLA HARPER & BOUCOT 1978

DEVONIAN

MINUTOSTROPHEODONTA HARPER & BOUCOT 1978

DEVONIAN

PAPILLOSTROPHIA HAVLICEK 1967

DEVONIAN

PARALEPTOSTROPHIA HARPER & BOUCOT 1978

DEVONIAN

PARAPHOLIDOSTROPHIA JOHNSON 1971

DEVONIAN

PAUCISTROPHIA WANG & ZHU 1979

DEVONIAN

PLANODOUVILLINA HARPER & BOUCOT 1978

DEVONIAN

PROTODOUVILLINA HARPER & BOUCOT 1978

DEVONIAN

QUASISTROPHONELLA HARPER & BOUCOT 1978

DEVONIAN

TSAGANELLA OLENEVA 1993

DEVONIAN

MESOLEPTOSTROPHIA HARPER & BOUCOT 1978

ORDOVICIAN-DEVONIAN

AMPHISTROPHIELLA HARPER & BOUCOT 1978

SILURIAN

AMSDENOSTROPHIELLA HARPER & BOUCOT 1978

SILURIAN

EOAMPHISTROPHIA HARPER & BOUCOT 1978

SILURIAN

EOMAORISTROPHIA USHATINSKAIA 1983

SILURIAN

NEUMANELLA HARPER & BOUCOT 1978

SILURIAN

SHALERIELLA HARPER & BOUCOT 1978

SILURIAN

LEPTOSTROPHIELLA HARPER & BOUCOT 1978

SILURIAN-DEVONIAN

MCLEARNITESELLA HARPER & BOUCOT 1978

SILURIAN-DEVONIAN

PROTOCYMOSTROPHIA HARPER & BOUCOT 1978

SILURIAN-DEVONIAN

PROTOSHALERIA HARPER & BOUCOT 1978

SILURIAN-DEVONIAN

SUPERFAMILY: STROPHOMENACEA

ALTAESTROPHIA BUBLICHENKO 1956

DEVONIAN

ANCYLOSTROPHIA HARPER, JOHNSON & BOUCOT 1967

DEVONIAN

ASTURISTROPHIA GARCIA-ALCALDE 1992

DEVONIAN

BOJODOUVILLINA HAVLICEK 1967

DEVONIAN

BOUCOTSTROPHIA JAHNKE 1980

DEVONIAN

CHEMUNGIA CASTER 1939

DEVONIAN

CONTRADOUVILLINA GRATSIANOVA 1975

DEVONIAN

CRINISTROPHIA HAVLICEK 1967

DEVONIAN

DICOELOSTROPHIA WANG 1955

DEVONIAN

DICTYOSTROPHIA CASTER 1939

DEVONIAN

DOUVILLINARIA STAINBROOK 1945

DEVONIAN

DOUVILLINELLA SPRIESTERSBACH 1925

DEVONIAN

DOUVINELLA LJASCHENKO 1985

DEVONIAN

ELLIPTOSTROPHIA HAVLICEK 1963

DEVONIAN

GAMPHALOSIA STAINBROOK 1945

DEVONIAN

GLADIOSTROPHIA HAVLICEK 1967

DEVONIAN

GORGOSTROPHIA HAVLICEK 1967

DEVONIAN

HERCOSTROPHIA WILLIAMS 1950

DEVONIAN

HOLLARDINA RACHEBOEUF & AL 1982

DEVONIAN

KINELINA LJASCHENKO 1969

DEVONIAN

LEPIDOLEPTAENA HAVLICEK 1963

DEVONIAN

LEPTAENOMENDAX GARCIA-ALCALDE 1978

DEVONIAN

LEPTAENOPYXIS HAVLICEK 1963

DEVONIAN

LEPTODONTA KHALFIN 1955

DEVONIAN

LEPTODONTELLA KHALFIN 1948

DEVONIAN

LISSOLEPTAENA HAVLICEK 1992

DEVONIAN

MALUROSTROPHIA CAMPBELL & TALENT 1967

DEVONIAN

MAORISTROPHIA ALLAN 1947

DEVONIAN

MORAVOSTROPHIA HAVLICEK 1962

DEVONIAN

NADIASTROPHIA TALENT 1963

DEVONIAN

NERVOSTROPHIA CASTER 1939

DEVONIAN

NOTOLEPTAENA GILL 1951

DEVONIAN

PARASTROPHONELLA BUBLICHENKO 1956

DEVONIAN

PHRAGMOSTROPHIA HARPER, JOHNSON & BOUCOT 1967

DEVONIAN

PLICOSTROPHEODONTA SOKOLSKAJA 1960

DEVONIAN

PROTOLEPTOSTROPHIA CASTER 1939

DEVONIAN

PSEUDODOUVILLINA STAINBROOK 1945

DEVONIAN

PTEROSTROPHIA GARRATT 1985

DEVONIAN

RADIOMENA HAVLICEK 1962

DEVONIAN

RHENOSTROPHIA BOUCOT 1960

DEVONIAN

RHYTISTROPHIA CASTER 1939

DEVONIAN

ROTUNDOSTROPHIA GRATSIANOVA 1960

DEVONIAN

SEMILEPTAGONIA KARAPETOV 1971

DEVONIAN

SIBERISTROPHIA ASTASHKINA 1970

DEVONIAN

SINOSHALERIA XIAN 1978

DEVONIAN

SINOSTROPHIA HAMADA 1971

DEVONIAN

SPINOSTROPHIA JIANG 1978

DEVONIAN

STROPHONELLOIDES CASTER 1939

DEVONIAN

SULCATOSTROPHIA CASTER 1939

DEVONIAN

SYNTROPHODONTA STRUVE 1982

DEVONIAN

TAEMOSTROPHIA CHATTERTON 1973

DEVONIAN

TALEOLEPTAENA HAVLICEK 1967

DEVONIAN

TEICHOSTROPHIA HARPER, JOHNSON & BOUCOT 1967

DEVONIAN

TELAEOSHALERIA WILLIAMS 1950

DEVONIAN

TRILOBOSTROPHIA SCHISCHKINA 1983

DEVONIAN

TUBULOSTROPHIA HAVLICEK 1967

DEVONIAN

VELOSTROPHIA HAVLICEK 1965

DEVONIAN

XENOSTROPHIA WANG 1974

DEVONIAN

YUNNANOLEPTAENA JAHNKE & SHI 1989

DEVONIAN

ZOPHOSTROPHIA VEEVERS 1959

DEVONIAN

HEFENGIA XU 1991

DEVONIAN

LEPTAGONIA MCCOY 1844

MISSISSIPPIAN

PSEUDOLEPTAENA MILORADOVICH 1947

MISSISSIPPIAN

ACTINOMENA OPIK 1930

ORDOVICIAN

APHANOMENA BERGSTROM 1968

ORDOVICIAN

ASTAMENA ROOMUSOKS 1989

ORDOVICIAN

BEKKERELLA REED 1936

ORDOVICIAN

BEKKERINA ROOMUSOKS 1993

ORDOVICIAN

BEKKEROMENA ROOMUSOKS 1963

ORDOVICIAN

BELLIMURINA COOPER 1956

ORDOVICIAN

BLYSKAVOMENA HAVLICEK 1976

ORDOVICIAN

BYSTROMENA WILLIAMS 1974

ORDOVICIAN

CHRISTIANELLA LIANG 1983

ORDOVICIAN

CHRISTIANIA HALL & CLARKE 1892

ORDOVICIAN

COLAPTOMENA COOPER 1956

ORDOVICIAN

COSTISTROPHOMENA SHEEHAN 1987

ORDOVICIAN

CYPHOMENA COOPER 1956

ORDOVICIAN

DACTYLOGONIA ULRICH & COOPER 1942

ORDOVICIAN

DRUMMUCKINA BANCROFT 1949

ORDOVICIAN

DZHEBAGLINA MISIUS 1986

ORDOVICIAN

ESILIA NIKITIN & POPOV 1985

ORDOVICIAN

ESTONOMENA ROOMUSOKS 1989

ORDOVICIAN

FENXIANGELLA WANG 1978

ORDOVICIAN

FOLIOMENA HAVLICEK 1952

ORDOVICIAN

GENICULINA ROOMUSOKS 1993

ORDOVICIAN

GLYPTOMENA COOPER 1956

ORDOVICIAN

GUNNARELLA SPJELDNAES 1957

ORDOVICIAN

HARJUMENA ROOMUSOKS 1993

ORDOVICIAN

HEDSTROEMINA BANCROFT 1929

ORDOVICIAN

HESPERINIA COOPER 1956

ORDOVICIAN

HIBERNODONTA HARPER & MITCHELL 1985

ORDOVICIAN

HINGGANOLEPTAENA ZHU 1985

ORDOVICIAN

HOLTEDAHLINA FOERSTE 1924

ORDOVICIAN

IBEROMENA VILLAS 1985

ORDOVICIAN

INFURCA PERCIVAL 1979

ORDOVICIAN

KEILAMENA ROOMUSOKS 1993

ORDOVICIAN

KIAEROMENA SPJELDNAES 1957

ORDOVICIAN

KIRKINA SALMON 1942

ORDOVICIAN

KJAERINA BANCROFT 1929

ORDOVICIAN

KJERULFINA BANCROFT 1929

ORDOVICIAN

KURNAMENA ROOMUSOKS 1989

ORDOVICIAN

LEPTAENOPOMA MAREK & HAVLICEK 1967

ORDOVICIAN

LIMBIMURINA COOPER 1956

ORDOVICIAN

LONGVILLIA BANCROFT 1933

ORDOVICIAN

LUHAIA ROOMUSOKS 1956

ORDOVICIAN

MAAKINA ANDREEVA 1961

ORDOVICIAN

MACROCOELIA COOPER 1956

ORDOVICIAN

MANSINA ANDREEVA 1977

ORDOVICIAN

MEGAMYONIA WANG 1949

ORDOVICIAN

MICROTRYPA WILSON 1945

ORDOVICIAN

MJOESINA SPJELDNAES 1957

ORDOVICIAN

MOLONGCOLA PERCIVAL 1991

ORDOVICIAN

MURINELLA COOPER 1956

ORDOVICIAN

NEOKJAERINA LEVY & NULLO 1974

ORDOVICIAN

NUBIALBA NEUMAN 1994

ORDOVICIAN

ODORATUS ZHU 1985

ORDOVICIAN

OEPIKINA SALMON 1942

ORDOVICIAN

OEPIKINELLA WILSON 1944

ORDOVICIAN

ORIGOSTROPHIA MITCHELL 1977

ORDOVICIAN

OSLOMENA SPJELDNAES 1957

ORDOVICIAN

PANDERITES ROOMUSOKS 1993

ORDOVICIAN

PIONOMENA COOPER 1956

ORDOVICIAN

PIRGUMENA ROOMUSOKS 1993

ORDOVICIAN

PLATYMENA COOPER 1956

ORDOVICIAN

PLAYFAIRIA REED 1917

ORDOVICIAN

POMEROMENA MITCHELL 1977

ORDOVICIAN

PROBOSCISAMBON HAVLICEK & MERGL 1982

ORDOVICIAN

QUONDONGIA PERCIVAL 1991

ORDOVICIAN

RAFINESQUINA HALL & CLARKE 1892

ORDOVICIAN

RAKVERINA ROOMUSOKS 1993

ORDOVICIAN

RHACTOMENA MITCHELL 1977

ORDOVICIAN

RHIPIDOMENA COOPER 1956

ORDOVICIAN

RUGOMENA ROOMUSOKS 1993

ORDOVICIAN

SCHMIDTOMENA ROOMUSOKS 1989

ORDOVICIAN

SEPTOMENA ROOMUSOKS 1989

ORDOVICIAN

SIMILOLEPTAENA ROOMUSOKS 1989

ORDOVICIAN

STROPHOMENA RAFINESQUE 1824

ORDOVICIAN

TALLINNITES ROOMUSOKS 1993

ORDOVICIAN

TASHANOMENA ZHAN & RONG 1994

ORDOVICIAN

TERATELASMA COOPER 1956

ORDOVICIAN

TERATELASMELLA LAURIE 1991

ORDOVICIAN

TETRAPHALERELLA WANG 1949

ORDOVICIAN

TITANOMENA BERGSTROM 1968

ORDOVICIAN

TRIGRAMMARIA WILSON 1945

ORDOVICIAN

TROTLANDELLA NEUMAN 1974

ORDOVICIAN

LEPTAENELLA FREDERICKS 1918

ORDOVICIAN-DEVONIAN

STROPHODONTA HALL 1850

ORDOVICIAN-DEVONIAN

LEPTAENA DALMAN 1828

ORDOVICIAN-MISSISSI

PPIAN

EOPHOLIDOSTROPHIA HARPER, JOHNSON & BOUCOT 1967

ORDOVICIAN-SILURIAN

EOSTROPHEODONTA BANCROFT 1949

ORDOVICIAN-SILURIAN

FURCITELLA COOPER 1956

ORDOVICIAN-SILURIAN

PAROMALOMENA RONG 1984

ORDOVICIAN-SILURIAN

AENIGMASTROPHIA BOUCOT 1971

SILURIAN

AMPHISTROPHIA HALL & CLARKE 1892

SILURIAN

BARBAESTROPHIA HAVLICEK 1965

SILURIAN

BIPARETIS AMSDEN 1974

SILURIAN

BRACTEOLEPTAENA HAVLICEK 1963

SILURIAN

CASTELLAROINA BOUCOT 1972

SILURIAN

CYPHOMENOIDEA COCKS 1968

SILURIAN

DESISTROPHIA TALENT 1988

SILURIAN

EOMEGASTROPHIA COCKS 1967

SILURIAN

EOSTROPHONELLA WILLIAMS 1950

SILURIAN

ERINOSTROPHIA COCKS & WORSLEY 1993

SILURIAN

GLOSSOLEPTAENA HAVLICEK 1967

SILURIAN

HOSTIMENA HAVLICEK 1990

SILURIAN

IDIOGLYPTUS NORTHROP 1939

SILURIAN

JANIOMYA HAVLICEK 1967

SILURIAN

KATASTROPHOMENA COCKS 1968

SILURIAN

KOSOMENA HAVLICEK 1990

SILURIAN

LAEVICYPHOMENA COCKS 1968

SILURIAN

LEPTAENOIDEA HEDSTROM 1917

SILURIAN

LILJEVALLIA HEDSTROM 1917

SILURIAN

LINOSTROPHOMENA RONG, XU & YANG 1974

SILURIAN

LIOLEPTAENA XIAN 1978

SILURIAN

LUDFORDINA KELLY 1967

SILURIAN

MACKERROVIA COCKS 1968

SILURIAN

MCLEARNITES CASTER 1945

SILURIAN

MESODOUVILLINA WILLIAMS 1950

SILURIAN

MESOLISSOSTROPHIA WILLIAMS 1950

SILURIAN

MESOPHOLIDOSTROPHIA WILLIAMS 1950

SILURIAN

MITCHELLELLA STRUSZ 1984

SILURIAN

MONGOLOSTROPHIA ROZMAN & RONG 1993

SILURIAN

ORHORIA HAVLICEK 1990

SILURIAN

PALAEOLEPTOSTROPHIA RONG & COCKS 1994

SILURIAN

PEMBROSTROPHIA BASSETT 1971

SILURIAN

PENTLANDINA BANCROFT 1949

SILURIAN

QIANOMENA RONG & YANG 1981

SILURIAN

SCAMNOMENA BASSETT 1977

SILURIAN

STROPHONELLITES HAVLICEK 1967

SILURIAN

STROPHOPRION TWENHOFEL 1914

SILURIAN

TASTARIA HAVLICEK 1965

SILURIAN

TCHADANIA KULKOV 1985

SILURIAN

TUDIAOPHOMENA XIAN 1978

SILURIAN

TUVAESTROPHIA KULKOV 1985

SILURIAN

BRACHYPRION SHALER 1865

SILURIAN-DEVONIAN

CYMOSTROPHIA CASTER 1939

SILURIAN-DEVONIAN

DOUVILLINA OEHLERT 1887

SILURIAN-DEVONIAN

LEPTAENISCA BEECHER 1890

SILURIAN-DEVONIAN

LEPTOSTROPHIA HALL & CLARKE 1892

SILURIAN-DEVONIAN

LISSOSTROPHIA AMSDEN 1949

SILURIAN-DEVONIAN

MEGASTROPHIA CASTER 1939

SILURIAN-DEVONIAN

PHOLIDOSTROPHIA HALL & CLARKE 1892

SILURIAN-DEVONIAN

PROTOMEGASTROPHIA CASTER 1939

SILURIAN-DEVONIAN

RUGOLEPTAENA HAVLICEK 1956

SILURIAN-DEVONIAN

SHALERIA CASTER 1939

SILURIAN-DEVONIAN

STROPHONELLA HALL 1879

SILURIAN-DEVONIAN

SUPERFAMILY: SUESSIACEA

CYRTINAELLA FREDERICKS 1916

DEVONIAN

KOMIELLA LJASCHENKO 1985

DEVONIAN

PLICOCYRTINA HAVLICEK 1956

DEVONIAN

PYRAMIDALIA NALIVKIN 1947

DEVONIAN

SPINOCYRTINA FREDERICKS 1916

DEVONIAN

SQUAMULARIINA FREDERICKS 1916

DEVONIAN

TROCHALOCYRTINA WRIGHT 1975

DEVONIAN

SUESSIA DESLONGCHAMPS 1855

JURASSIC

DAVIDSONINA SCHUCHERT & LEVENE 1929

MISSISSIPPIAN

EOLABALLA LIAO & MENG 1986

PERMIAN

CYRTINA DAVIDSON 1858

SILURIAN-MISSISSIPP

IAN

CYRTINAELLINA FREDERICKS 1926

SILURIAN-MISSISSIPP

IAN

BITTNERULA HALL & CLARKE 1894

TRIASSIC

FLABELLOCYRTIA CHOROWICZ & TERMIER 1975

TRIASSIC

HIRSUTELLA COOPER & MUIR-WOOD 1951

TRIASSIC

KLIPSTEINELLA DAGYS 1974

TRIASSIC

KLIPSTEINELLOIDEA SUN 1981

TRIASSIC

LEPISMATINA WANG 1955

TRIASSIC

PARALEPISMATINA YANG & XU 1966

TRIASSIC

PSEUDOLEPISMATINA CHING & SUN 1976

TRIASSIC

PSIOIDEA HECTOR 1879

TRIASSIC

SPINOLEPISMATINA DAGYS 1974

TRIASSIC

SPONDYLOSPIRA COOPER 1942

TRIASSIC

THECOCYRTELLA BITTNER 1892

TRIASSIC

TYLOSPIRIFERINA XU 1978

TRIASSIC

ZUGMAYERELLA DAGYS 1963

TRIASSIC

SUPERFAMILY: SYRINGOTHYRIDACEA

HISTOSYRINX MASSA, TERMIER & TERMIER 1974

CARBONIFEROUS

CANTABRIELLA MARTINEZ & RIO GARCIA 1987

PENNSYLVANIAN

MYODELTHYRIUM THOMAS 1985

PERMIAN

SUPERFAMILY: TEREBRATELLACEA

ADVENINA SANDY 1986

CRETACEOUS

AEMULA STEINICH 1968

CRETACEOUS

ARENACIARCULA ELLIOTT 1959

CRETACEOUS

AUSTRALIARCULA ELLIOTT 1960

CRETACEOUS

BELOTHYRIS SMIRNOVA 1960

CRETACEOUS

BOUCHARDIELLA DOELLO-JURASSICADO 1922

CRETACEOUS

CHORISTOTHYRIS COOPER 1942

CRETACEOUS

COLINELLA OWEN 1981

CRETACEOUS

DALLIGAS STEINICH 1968

CRETACEOUS

DERETA ELLIOTT 1959

CRETACEOUS

ENODITHYRIS SMIRNOVA 1986

CRETACEOUS

FISSURIROSTRA ORBIGNY 1847

CRETACEOUS

GEMMARCULA ELLIOTT 1947

CRETACEOUS

GLOSSEUDESIA LOBATSCHEVA 1974

CRETACEOUS

HELVETELLA OWEN 1977

CRETACEOUS

KACHATHYRIS SMIRNOVA 1975

CRETACEOUS

KAFIRNIGANIA KATZ 1962

CRETACEOUS

KINGENA DAVIDSON 1852

CRETACEOUS

KINGENELLA POPIEL-BARCZYK 1968

CRETACEOUS

LANGSHANTHYRIS SUN 1987

CRETACEOUS

LEPTOTHYRELLOPSIS BITNER & PISERA 1979

CRETACEOUS

LUPPOVITHYRIS LOBATSCHEVA 1990

CRETACEOUS

LYRA CUMBERLAND 1818

CRETACEOUS

MAGAS SOWERBY 1818

CRETACEOUS

OBLONGARCULA ELLIOTT 1959

CRETACEOUS

PARAKINGENA SUN 1981

CRETACEOUS

PRAEARGYROTHECA SMIRNOVA 1983

CRETACEOUS

PRAENEOTHYRIS KATZ 1962

CRETACEOUS

PSILOTHYRIS COOPER 1955

CRETACEOUS

RHYNCHORA DALMAN 1828

CRETACEOUS

RHYNCHORINA OEHLERT 1887

CRETACEOUS

ROSSITHYRIS OWEN 1980

CRETACEOUS

RUEGENELLA OWEN 1977

CRETACEOUS

SCUMULUS STEINICH 1968

CRETACEOUS

SMIRNOVAENA NEKVASILOVA 1985

CRETACEOUS

SMIRNOVINA CALZADA 1985

CRETACEOUS

TAMARELLA OWEN 1965

CRETACEOUS

TEREBRATALIOPSIS SMIRNOVA 1962

CRETACEOUS

TEREBRIROSTRA ORBIGNY 1847

CRETACEOUS

TETJUCHITHYRIS SMIRNOVA 1986

CRETACEOUS

TRIFIDARCULA ELLIOTT 1959

CRETACEOUS

TRIGONOSEMUS KOENIG 1825

CRETACEOUS

TULIPINA SMIRNOVA 1962

CRETACEOUS

VANIELLA KVAKHADZE 1974

CRETACEOUS

WACONELLA OWEN 1970

CRETACEOUS

XENOTHYRIS CHING, RONG & SUN 1976

CRETACEOUS

YUEZHUELLA CHING & YE 1979

CRETACEOUS

MAGADINA THOMSON 1915

CRETACEOUS-RECENT

MEGATHIRIS ORBIGNY 1847

CRETACEOUS-RECENT

AJUKUZELLA OVTSHARENKO 1983

JURASSIC

ANTIGONIARCULA ELLIOTT 1959

JURASSIC

BAZARDARELLA OVTSHARENKO 1983

JURASSIC

CARPATOTHYRIS SMIRNOVA 1975

JURASSIC

CORIOTHYRIS OVTSHARENKO 1983

JURASSIC

DICTYOTHYROPSIS BARCZYK 1969

JURASSIC

HAMPTONINA ROLLIER 1919

JURASSIC

HYNNIPHORIA SUESS 1859

JURASSIC

IRENOTHYRIS POJARISKAJA 1966

JURASSIC

ISMENIA KING 1850

JURASSIC

MAKRIDINITHYRIS TCHORSZHEWSKY 1989

JURASSIC

OPPELIELLA TCHORSZHEWSKY 1989

JURASSIC

TIARETITHYRIS TCHOUMATCHENCO 1986

JURASSIC

TRIGONELLINA BUCKMAN 1907

JURASSIC

VANDOBIELLA POJARISKAJA 1966

JURASSIC

ZELLANIA MOORE 1855

JURASSIC

ZEUSCHNERIA SMIRNOVA 1975

JURASSIC

ZITTELINA ROLLIER 1919

JURASSIC

AEROTHYRIS ALLAN 1939

RECENT

AMPHITHYRIS THOMSON 1918

RECENT

ANEBOCONCHA COOPER 1973

RECENT

ANNULOPLATIDIA ZEZINA 1981

RECENT

ARGYROTHECA DALL 1900

RECENT

CALLORIA COOPER & LEE 1993

RECENT

COMPSORIA COOPER 1973

RECENT

DYSCRITOSIA COOPER 1982

RECENT

ECNOMIOSA COOPER 1977

RECENT

FALLAX ATKINS 1960

RECENT

FOSTERIA ZEZINA 1980

RECENT

FRENULINA DALL 1895

RECENT

GLACIARCULA ELLIOTT 1956

RECENT

GWYNIA KING 1859

RECENT

JAFFAIA THOMSON 1927

RECENT

JOLONICA DALL 1920

RECENT

KRAUSSINA DAVIDSON 1859

RECENT

LEPTOTHYRELLA MUIR-WOOD 1965

RECENT

NOTORYGMIA COOPER 1972

RECENT

PACIFITHYRIS HATAI 1938

RECENT

PARAKINETICA RICHARDSON 1987

RECENT

PHANEROPORA ZEZINA 1981

RECENT

PIROTHYRIS THOMSON 1927

RECENT

PUMILUS ATKINS 1958

RECENT

SEPTICOLLARINA ZEZINA 1981

RECENT

SIMPLICITHYRIS ZEZINA 1976

RECENT

SYNTOMARIA COOPER 1982

RECENT

THAUMATOSIA COOPER 1973

RECENT

TISIMANIA HATAI 1938

RECENT

TYTHOTHYRIS ZEZINA 1979

RECENT

ADNATIDA RICHARDSON 1991

TERTIARY

ALIQUANTULA RICHARDSON 1991

TERTIARY

AUSTROTHYRIS ALLAN 1939

TERTIARY

CHATHAMITHYRIS ALLAN 1932

TERTIARY

CISTELLARCULA ELLIOTT 1954

TERTIARY

CUDMORELLA ALLAN 1939

TERTIARY

DICROSIA COOPER 1978

TERTIARY

DIEDROTHYRIS RICHARDSON 1980

TERTIARY

ELDERRA RICHARDSON 1991

TERTIARY

EOGRYPHUS HERTLEIN & GRANT 1944

TERTIARY

GMELINMAGAS MARINELARENA 1964

TERTIARY

GWYNIELLA JOHANSEN 1987

TERTIARY

IHERINGITHYRIS LEVY 1961

TERTIARY

ISUMITHYRIS HATAI 1948

TERTIARY

KAMOICA HATAI 1936

TERTIARY

KIKAITHYRIS YABE & HATAI 1941

TERTIARY

KURAKITHYRIS HATAI 1946

TERTIARY

LANDONELLA MACKINNON 1993

TERTIARY

LUTETIARCULA ELLIOTT 1954

TERTIARY

MAGADINELLA THOMSON 1915

TERTIARY

MALLEIA THOMSON 1927

TERTIARY

MIOGRYPHUS HERTLEIN & GRANT 1944

TERTIARY

MIYAKOTHYRIS HATAI 1938

TERTIARY

NEOBOUCHARDIA THOMSON 1927

TERTIARY

PACHYMAGAS IHERING 1903

TERTIARY

PARALDINGIA RICHARDSON 1973

TERTIARY

PEGMATHYRIS HATAI 1938

TERTIARY

PHRAGMOTHYRIS COOPER 1955

TERTIARY

PILKENA RICHARDSON 1991

TERTIARY

PRAEMAGADINA MACKINNON 1993

TERTIARY

RHIZOTHYRIS THOMSON 1915

TERTIARY

TANAKURA HATAI 1936

TERTIARY

VICTORITHYRIS ALLAN 1940

TERTIARY

WAIPARIA THOMSON 1920

TERTIARY

YABEITHYRIS HATAI 1948

TERTIARY

ALDINGIA THOMSON 1916

TERTIARY-RECENT

ANAKINETICA RICHARDSON 1987

TERTIARY-RECENT

BOUCHARDIA DAVIDSON 1850

TERTIARY-RECENT

CAMPAGES HEDLEY 1905

TERTIARY-RECENT

COPTOTHYRIS JACKSON 1918

TERTIARY-RECENT

DALLINA BEECHER 1893

TERTIARY-RECENT

DALLINELLA THOMSON 1915

TERTIARY-RECENT

DIESTOTHYRIS THOMSON 1916

TERTIARY-RECENT

FRENULA DALL 1871

TERTIARY-RECENT

GYROTHYRIS THOMSON 1918

TERTIARY-RECENT

JAPANITHYRIS THOMSON 1927

TERTIARY-RECENT

LAQUEUS DALL 1870

TERTIARY-RECENT

MACANDREVIA KING 1859

TERTIARY-RECENT

MAGASELLA DALL 1870

TERTIARY-RECENT

MAGELLA THOMSON 1915

TERTIARY-RECENT

MAGELLANIA BAYLE 1880

TERTIARY-RECENT

MEGERLIA KING 1850

TERTIARY-RECENT

MEGERLINA DESLONGCHAMPS 1884

TERTIARY-RECENT

MORRISIA DAVIDSON 1852

TERTIARY-RECENT

NEOTHYRIS DOUVILLE 1879

TERTIARY-RECENT

NIPPONITHYRIS YABE & HATAI 1934

TERTIARY-RECENT

PANTELLARIA DALL 1919

TERTIARY-RECENT

PICTOTHYRIS THOMSON 1927

TERTIARY-RECENT

PLATIDIA COSTA 1852

TERTIARY-RECENT

STETHOTHYRIS THOMSON 1918

TERTIARY-RECENT

TEREBRATALIA BEECHER 1893

TERTIARY-RECENT

TEREBRATELLA ORBIGNY 1847

TERTIARY-RECENT

WALTONIA DAVIDSON 1850

TERTIARY-RECENT

ANGUSTOTHYRIS DAGYS 1972

TRIASSIC

AULACOTHYROPSIS DAGYS 1959

TRIASSIC

EODALLINA ELLIOTT 1959

TRIASSIC

PSEUDORUGITELA DAGYS 1959

TRIASSIC

ZHIDOTHYRIS CHING, SUN & YE 1979

TRIASSIC

SUPERFAMILY: TEREBRATULACEA

BOORALIA CAMPBELL 1961

CARBONIFEROUS

ALITHYRIS SUN 1981

CRETACEOUS

ANIABROCHUS COOPER 1983

CRETACEOUS

APHRAGMUS COOPER 1983

CRETACEOUS

ARCUATOTHYRIS POPIEL-BARCZYK 1972

CRETACEOUS

ATACTOSIA COOPER 1983

CRETACEOUS

ATELITHYRIS SMIRNOVA 1975

CRETACEOUS

BIPLICATORIA COOPER 1983

CRETACEOUS

BISULCINA TITOVA 1977

CRETACEOUS

BOLGARITHYRIS TITOVA 1986

CRETACEOUS

BOUBEITHYRIS COX & MIDDLEMISS 1978

CRETACEOUS

CAPILLARINA COOPER 1983

CRETACEOUS

CAPILLITHYRIS KATZ 1974

CRETACEOUS

CARNEITHYRIS SAHNI 1925

CRETACEOUS

CHATWINOTHYRIS SAHNI 1925

CRETACEOUS

COLLINITHYRIS MIDDLEMISS 1981

CRETACEOUS

CONCINNITHYRIS SAHNI 1929

CRETACEOUS

CRURALINA SMIRNOVA 1966

CRETACEOUS

CYRANOIA COOPER 1983

CRETACEOUS

CYRTOTHYRIS MIDDLEMISS 1959

CRETACEOUS

DILOPHOSINA COOPER 1983

CRETACEOUS

DRACIUS STEINICH 1967

CRETACEOUS

DYSCRITOTHYRIS COOPER 1979

CRETACEOUS

DZIRULINA NUTSUBIDZE 1945

CRETACEOUS

ELLIPSOTHYRIS SAHNI 1925

CRETACEOUS

EURYSORIA COOPER 1983

CRETACEOUS

GIBBITHYRIS SAHNI 1925

CRETACEOUS

GISILINA STEINICH 1963

CRETACEOUS

HADROSIA COOPER 1983

CRETACEOUS

HARMATOSIA COOPER 1983

CRETACEOUS

HELIGOTHYRIS MIDDLEMISS 1991

CRETACEOUS

HESPEROSIA COOPER 1983

CRETACEOUS

IBERITHYRIS KVAKHADZE 1972

CRETACEOUS

INOPINATARCULA ELLIOTT 1952

CRETACEOUS

KESTONITHYRIS SAHNI 1925

CRETACEOUS

LIRAMIA COOPER 1983

CRETACEOUS

LONGITHYRIS KATZ & POPOV 1974

CRETACEOUS

LORIOLITHYRIS MIDDLEMISS 1968

CRETACEOUS

LUNPOLAIA CHING & YE 1979

CRETACEOUS

MAGNITHYRIS SAHNI 1925

CRETACEOUS

MARITIMITHYRIS SMIRNOVA 1986

CRETACEOUS

MEONIA STEINICH 1963

CRETACEOUS

MORAVIATURIA SAHNI 1960

CRETACEOUS

MOUTONITHYRIS MIDDLEMISS 1976

CRETACEOUS

MUSCULINA SCHUCHERT & LEVENE 1929

CRETACEOUS

NAJDINOTHYRIS MAKRIDIN & KATZ 1964

CRETACEOUS

NEOLIOTHYRINA SAHNI 1925

CRETACEOUS

NERTHEBROCHUS COOPER 1983

CRETACEOUS

ORIENTOTHYRIS KATZ & POPOV 1974

CRETACEOUS

ORNATOTHYRIS SAHNI 1929

CRETACEOUS

ORNITHOTHYRIS SAHNI 1925

CRETACEOUS

ORTHOTHYRIS COOPER 1955

CRETACEOUS

OVATATHYRIS OWEN 1988

CRETACEOUS

PARABOUBEITHYRIS MIDDLEMISS 1980

CRETACEOUS

PARACAPILLITHYRIS KATZ & POPOV 1974

CRETACEOUS

PARAPLATYTHYRIS SUN 1987

CRETACEOUS

PHASEOLINA GASPARD 1988

CRETACEOUS

PIAROTHYRIS SAHNI 1925

CRETACEOUS

PRAEGIBBITHYRIS SUN 1987

CRETACEOUS

PRAELONGITHYRIS MIDDLEMISS 1959

CRETACEOUS

PROCHLIDONOPHORA THOMSON & OWEN 1979

CRETACEOUS

PULCHRITHYRIS SAHNI 1925

CRETACEOUS

PYGITES BUCKMAN 1906

CRETACEOUS

RECTITHYRIS SAHNI 1929

CRETACEOUS

RHOMBARIA COOPER 1983

CRETACEOUS

RHOMBOTHYRIS MIDDLEMISS 1959

CRETACEOUS

RUGIA STEINICH 1963

CRETACEOUS

SARDOPE DIENI, MIDDLEMISS & OWEN 1975

CRETACEOUS

SELLITHYRIS MIDDLEMISS 1959

CRETACEOUS

SYMPHYTHYRIS SMIRNOVA 1966

CRETACEOUS

TROPEOTHYRIS SMIRNOVA 1972

CRETACEOUS

WALKERITHYRIS COX & MIDDLEMISS 1978

CRETACEOUS

WEBERITHYRIS SMIRNOVA 1969

CRETACEOUS

XINJIANGTHYRIS SUN 1984

CRETACEOUS

CHLIDONOPHORA DALL 1903

CRETACEOUS-RECENT

CLOUDOTHYRIS BOUCOT & JOHNSON 1968

DEVONIAN

LINGSHANELLA XU & YAO 1986

DEVONIAN

ANIMONITHYRIS COOPER 1983

JURASSIC

APATECOSIA COOPER 1983

JURASSIC

ARABATIA COOPER 1989

JURASSIC

ARABICELLA COOPER 1989

JURASSIC

ARAPSOPLEURUM COOPER 1989

JURASSIC

ARAPSOTHYRIS COOPER 1989

JURASSIC

ARCELINITHYRIS ALMERAS 1971

JURASSIC

ARCEYTHYRIS ROLLET 1964

JURASSIC

ARGOVITHYRIS ROLLET 1972

JURASSIC

AROMASITHYRIS ALMERAS 1971

JURASSIC

AVONOTHYRIS BUCKMAN 1918

JURASSIC

BEJRUTELLA TCHORSZHEWSKY 1972

JURASSIC

BIHENITHYRIS MUIR-WOOD 1935

JURASSIC

BOTHROTHYRIS COOPER 1983

JURASSIC

BUCKMANITHYRIS TCHORSZHEWSKY 1990

JURASSIC

CARINATOTHYRIS TCHORSZHEWSKY 1990

JURASSIC

CARYONA COOPER 1983

JURASSIC

CERERITHYRIS BUCKMAN 1918

JURASSIC

CHARLTONITHYRIS BUCKMAN 1918

JURASSIC

CHEIROTHYROPSIS MAKRIDIN 1964

JURASSIC

CHENIOTHYRIS BUCKMAN 1918

JURASSIC

COLOSIA COOPER 1983

JURASSIC

CONAROTHYRIS COOPER 1983

JURASSIC

CUERSITHYRIS ALMERAS & MOULAN 1982

JURASSIC

DICTYOTHYRIS DOUVILLE 1879

JURASSIC

DIENOPE COOPER 1983

JURASSIC

DISCULINA DESLONGCHAMPS 1884

JURASSIC

DISSORIA COOPER 1989

JURASSIC

DOLICHOBROCHUS COOPER 1983

JURASSIC

DORSOPLICATHYRIS ALMERAS 1971

JURASSIC

DUNDRYTHYRIS ALMERAS 1971

JURASSIC

DZHARITHYRIS OVTSHARENKO 1989

JURASSIC

ECTYPHORIA COOPER 1989

JURASSIC

EPITHYRIS PHILLIPS 1841

JURASSIC

ERISTENOSIA COOPER 1983

JURASSIC

EUIDOTHYRIS BUCKMAN 1918

JURASSIC

FALCIFERULA TCHOUMATCHENCO 1987

JURASSIC

FERRYTHYRIS ALMERAS 1971

JURASSIC

GALLIENNITHYRIS ROLLET 1966

JURASSIC

GIBBITHYRELLA OVTSHARENKO 1989

JURASSIC

GIGANTOTHYRIS SEIFERT 1963

JURASSIC

GLYPHISARIA COOPER 1983

JURASSIC

GOLIATHYRIS FELDMAN & OWEN 1988

JURASSIC

GONIOTHYRIS BUCKMAN 1918

JURASSIC

GYROSINA COOPER 1983

JURASSIC

HABROBROCHUS COOPER 1983

JURASSIC

HEIMIA HAAS 1890

JURASSIC

HESPERITHYRIS DUBAR 1942

JURASSIC

HETEROBROCHUS COOPER 1983

JURASSIC

HOLCOTHYRIS BUCKMAN 1918

JURASSIC

INVERSITHYRIS DAGYS 1968

JURASSIC

JAISALMERIA SAHNI 1955

JURASSIC

JURALINA KYANSEP 1961

JURASSIC

KARADAGELLA BABANOVA 1965

JURASSIC

KUBANITHYRIS TCHORSZHEWSKY 1989

JURASSIC

KUTCHITHYRIS BUCKMAN 1918

JURASSIC

LAZITHYRIS RADULOVIC 1986

JURASSIC

LINGUITHYRIS BUCKMAN 1918

JURASSIC

LISSAJOUSITHYRIS ALMERAS 1971

JURASSIC

LOBOIDOTHYRIS BUCKMAN 1918

JURASSIC

LOBOTHYRIS BUCKMAN 1918

JURASSIC

LOPHROTHYRIS BUCKMAN 1918

JURASSIC

LYCHNOTHYRIS VOROS 1983

JURASSIC

MAGHARITHYRIS FARAG & GATINAUD 1962

JURASSIC

MEROPHRICUS COOPER 1983

JURASSIC

MEXICARIA COOPER 1983

JURASSIC

MILLYTHYRIS ALMERAS 1971

JURASSIC

MOESCHIA BOULLIER 1976

JURASSIC

MOISSEEVIA MAKRIDIN 1964

JURASSIC

MONSARDITHYRIS ALMERAS 1971

JURASSIC

MORRISITHYRIS ALMERAS 1971

JURASSIC

NARADANITHYRIS TOKUYAMA 1958

JURASSIC

NEAGUITHYRIS GEORGESCU 1991

JURASSIC

NEUMAYRITHYRIS TOKUYAMA 1958

JURASSIC

NOTOSIA COOPER 1983

JURASSIC

NUCLEATA QUENSTEDT 1868

JURASSIC

OLIGORHYTISIA COOPER 1983

JURASSIC

ORTHOIDEA FRIREN 1876

JURASSIC

ORTHOTOMA QUENSTEDT 1869

JURASSIC

PACHYTHYRIS BOULLIER 1976

JURASSIC

PAPODINA VOROS 1983

JURASSIC

PARATHYRIDINA SCHUCHERT & LEVENE 1929

JURASSIC

PENTITHYRIS COOPER 1983

JURASSIC

PERISTEROTHYRIS MANCENIDO 1983

JURASSIC

PERRIERITHYRIS ALMERAS 1971

JURASSIC

PETALOTHYRIS COOPER 1983

JURASSIC

PHYMATOTHYRIS COOPER & MUIR-WOOD 1951

JURASSIC

PINAXIOTHYRIS DAGYS 1968

JURASSIC

PIONOPLEURUM COOPER 1989

JURASSIC

PIONOTHYRIS COOPER 1983

JURASSIC

PLACOTHYRIS WESTPHAL 1970

JURASSIC

PLECTOIDOTHYRIS BUCKMAN 1918

JURASSIC

PLECTOTHYRIS BUCKMAN 1918

JURASSIC

PLEURALOMA COOPER 1989

JURASSIC

POSTEPITHYRIS MAKRIDIN 1960

JURASSIC

PROTOTEGULITHYRIS ALMERAS, ELMI & BENSHILI 1988

JURASSIC

PSEBAJITHYRIS TCHORSZHEWSKY 1974

JURASSIC

PSEUDOGLOSSOTHYRIS BUCKMAN 1901

JURASSIC

PSEUDOTUBITHYRIS ALMERAS 1971

JURASSIC

PSEUDOWATTONITHYRIS ALMERAS 1971

JURASSIC

PTYCTOTHYRIS BUCKMAN 1918

JURASSIC

RARITHYRIS TCHORSZHEWSKY 1989

JURASSIC

RHAPIDOTHYRIS TULUWEIT 1965

JURASSIC

ROCHEITHYRIS ALMERAS 1971

JURASSIC

RUGITHYRIS BUCKMAN 1918

JURASSIC

SAUCROBROCHUS COOPER 1983

JURASSIC

SECURITHYRIS VOROS 1983

JURASSIC

SOGXIANTHYRIS SUN 1981

JURASSIC

SOMALITHYRIS MUIR-WOOD 1935

JURASSIC

SPHAEROIDOTHYRIS BUCKMAN 1918

JURASSIC

STENOGMUS COOPER 1983

JURASSIC

STENORINA COOPER 1989

JURASSIC

STIPHROTHYRIS BUCKMAN 1918

JURASSIC

STRIITHYRIS MUIR-WOOD 1935

JURASSIC

STRONGYLOBROCHUS COOPER 1983

JURASSIC

STROUDITHYRIS BUCKMAN 1918

JURASSIC

SYSTENOTHYRIS COOPER 1983

JURASSIC

TANYOTHYRIS COOPER 1989

JURASSIC

TAUROTHYRIS KYANSEP 1961

JURASSIC

TCHEGEMITHYRIS TCHORSZHEWSKY 1972

JURASSIC

TEGULITHYRIS BUCKMAN 1918

JURASSIC

TELOTHYRIS ALMERAS & MOULAN 1982

JURASSIC

TOXONELASMA COOPER 1989

JURASSIC

TRICHOTHYRIS BUCKMAN 1918

JURASSIC

TRIGONITHYRIS MUIR-WOOD 1935

JURASSIC

TUBITHYRIS BUCKMAN 1918

JURASSIC

TURKMENITHYRIS PROSOROVSKAJA 1962

JURASSIC

URALELLA MAKRIDIN 1960

JURASSIC

VIALLITHYRIS VOROS 1978

JURASSIC

VJALOVITHYRIS TCHORSZHEWSKY 1989

JURASSIC

WATTONITHYRIS MUIR-WOOD 1936

JURASSIC

WELDONITHYRIS MUIR-WOOD 1952

JURASSIC

XESTOSINA COOPER 1983

JURASSIC

THADIQITHYRIS NAZER 1987

JURASSIC

ANTINOMIA CATULLO 1851

JURASSIC-CRETACEOUS

PYGOPE LINK 1830

JURASSIC-CRETACEOUS

ROUILLIERIA MAKRIDIN 1960

JURASSIC-CRETACEOUS

TRIANGOPE DIENI & MIDDLEMISS 1981

JURASSIC-CRETACEOUS

TEREBRATULINA ORBIGNY 1847

JURASSIC-RECENT

QINGLONGIA LIAO 1980

PERMIAN

ACROBELESIA COOPER 1983

RECENT

AGULHASIA KING 1871

RECENT

ARCTOSIA COOPER 1983

RECENT

BATHYNANUS FOSTER 1974

RECENT

CNISMATOCENTRUM DALL 1920

RECENT

DYSEDROSIA COOPER 1983

RECENT

EPACROSINA COOPER 1983

RECENT

ERYMNIA COOPER 1977

RECENT

GONIOBROCHUS COOPER 1983

RECENT

STENOBROCHUS COOPER 1983

RECENT

STENOSARINA COOPER 1977

RECENT

SURUGATHYRIS YABE & HATAI 1934

RECENT

TICHOSINA COOPER 1977

RECENT

XENOBROCHUS COOPER 1981

RECENT

ZYGONARIA COOPER 1983

RECENT

AENIGMATHYRIS COOPER 1971

TERTIARY

ALMIRALTHYRIS CALZADA 1994

TERTIARY

APLETOSIA COOPER 1983

TERTIARY

CERAMISIA COOPER 1983

TERTIARY

DOLICHOSINA COOPER 1983

TERTIARY

EMBOLOSIA COOPER 1983

TERTIARY

FAKSETHYRIS ASGAARD 1971

TERTIARY

ILYINELLA JASSJUKEVITCH 1973

TERTIARY

LEYMERITHYRIS CALZADA 1988

TERTIARY

MALTAIA COOPER 1983

TERTIARY

MIMORINA COOPER 1983

TERTIARY

OGMUSIA COOPER 1983

TERTIARY

OLENEOTHYRIS COOPER 1942

TERTIARY

PLICATORIA COOPER 1983

TERTIARY

PLIOTHYRINA VAN ROY 1980

TERTIARY

PYCNOBROCHUS COOPER 1983

TERTIARY

RHYNCHONELLOPSIS VINCENT 1893

TERTIARY

RHYTISORIA COOPER 1983

TERTIARY

SENDAITHYRIS HATAI 1940

TERTIARY

TANYOSCAPHA COOPER 1983

TERTIARY

TEREBRATULA MULLER 1776

TERTIARY

WAISIUTHYRINA BEETS 1943

TERTIARY

ABYSSOTHYRIS THOMSON 1927

TERTIARY-RECENT

ACROBROCHUS COOPER 1983

TERTIARY-RECENT

CANCELLOTHYRIS THOMSON 1926

TERTIARY-RECENT

DALLITHYRIS MUIR-WOOD 1959

TERTIARY-RECENT

DOLICHOZYGUS COOPER 1983

TERTIARY-RECENT

DYSCOLIA FISCHER & OEHLERT 1890

TERTIARY-RECENT

EUCALATHIS FISCHER & OEHLERT 1890

TERTIARY-RECENT

EURYSINA COOPER 1983

TERTIARY-RECENT

GRYPHUS MEGERLE 1811

TERTIARY-RECENT

LIOTHYRELLA THOMSON 1916

TERTIARY-RECENT

MURRAVIA THOMSON 1916

TERTIARY-RECENT

ATHYRORHYNCHIA XU & LIU 1983

TRIASSIC

LOBOTHYROIDES XU 1978

TRIASSIC

PAMIROTHYRIS DAGYS 1974

TRIASSIC

PLECTOCONCHA COOPER 1942

TRIASSIC

PSEUDORHAETINA SANDY 1994

TRIASSIC

THYRATRYARIA XU & LIU 1983

TRIASSIC

TRIADITHYRIS DAGYS 1963

TRIASSIC

VEX HOOVER 1979

TRIASSIC

SUPERFAMILY: THECIDEACEA

BACKHAUSINA PAJAUD 1966

CRETACEOUS

BOSQUETELLA SMIRNOVA 1969

CRETACEOUS

DANELLA PAJAUD 1966

CRETACEOUS

EOLACAZELLA ELLIOTT 1953

CRETACEOUS

KONSTANTIA PAJAUD 1970

CRETACEOUS

MESOSEPTINA MUNOZ 1994

CRETACEOUS

PARATHECIDEA BACKHAUS 1959

CRETACEOUS

PRAELACAZELLA SMIRNOVA 1969

CRETACEOUS

THECIDEA DEFRANCE 1822

CRETACEOUS

THECIDIOPSIS MUNIER-CHALMAS 1887

CRETACEOUS

VERMICULOTHECIDEA ELLIOTT 1953

CRETACEOUS

EOTHECIDELLINA BAKER 1991

CRETACEOUS

BIFOLIUM ELLIOTT 1948

CRETACEOUS-TERTIARY

AGERINELLA PAJAUD & PATRULIUS 1965

JURASSIC

ANCORELLINA MANCENIDO & DAMBORENEA 1991

JURASSIC

DAVIDSONELLA MUNIER-CHALMAS 1880

JURASSIC

ELLIOTTINA PAJAUD 1963

JURASSIC

ENALLOTHECIDEA BAKER 1983

JURASSIC

EUDESELLA MUNIER-CHALMAS 1880

JURASSIC

MIMIKONSTANTIA BAKER & ELSTON 1984

JURASSIC

NEOTHECIDELLA PAJAUD 1970

JURASSIC

PACHYMOORELLINA BAKER 1989

JURASSIC

PARABIFOLIUM PAJAUD 1966

JURASSIC

RIOULTINA PAJAUD 1966

JURASSIC

PAJAUDINA LOGAN 1988

RECENT

THECIDELLELLA HAYASAKA 1938

RECENT

GLAZEWSKIA PAJAUD 1964

TERTIARY

LACAZELLA MUNIER-CHALMAS 1880

TERTIARY-RECENT

THECIDELLINA THOMSON 1915

TERTIARY-RECENT

MOORELLINA ELLIOTT 1953

TRIASSIC-JURASSIC

THECIDELLA MUNIER-CHALMAS 1887

TRIASSIC-JURASSIC

SUPERFAMILY: THECOSPIRACEA

BITTNERELLA DAGYS 1974

TRIASSIC

PAMIROTHECA DAGYS 1974

TRIASSIC

THECOSPIROPSIS DAGYS 1974

TRIASSIC

SUPERFAMILY: TRIMERELLACEA

ADENSU POPOV & RUKAVISCHNIKOVA 1986

ORDOVICIAN

COSTITRIMERELLA RONG & LI 1993

ORDOVICIAN

EODINOBOLUS ROWELL 1963

ORDOVICIAN

FENGZUELLA LI & HAN 1980

ORDOVICIAN

GORJANSKYA TENJAKOVA 1980

ORDOVICIAN

GYROSELENELLA LI 1985

ORDOVICIAN

MACHAEROCOLELLA LI & HAN 1980

ORDOVICIAN

OVIDIELLA NIKITIN & POPOV 1984

ORDOVICIAN

PALAEOTRIMERELLA LI & HAN 1980

ORDOVICIAN

PARADINOBOLUS LI & HAN 1980

ORDOVICIAN

PERITRIMERELLA LIANG 1983

ORDOVICIAN

PROSOPONELLA LI 1984

ORDOVICIAN

SINOTRIMERELLA LI & HAN 1980

ORDOVICIAN

USSUNIA NIKITIN & POPOV 1984

ORDOVICIAN

DINOBOLUS HALL 1871

SILURIAN

MONOMERELLA BILLINGS 1871

SILURIAN

OBOLELLINA BILLINGS 1871

SILURIAN

RHYNOBOLUS HALL 1871

SILURIAN

TRIMERELLA BILLINGS 1862

SILURIAN

YIDURELLA ZENG 1987

SILURIAN

SUPERFAMILY: TRIPLESIACEA

AMPHIPLECIA WRIGHT & JAANUSSON 1993

ORDOVICIAN

BICUSPINA HAVLICEK 1950

ORDOVICIAN

CAEROPLECIA WILLIAMS 1974

ORDOVICIAN

CRAIGELLA REED 1935

ORDOVICIAN

GRAMMOPLECIA WRIGHT & JAANUSSON 1993

ORDOVICIAN

NUCLEORHYNCHIA LIANG 1983

ORDOVICIAN

OGMOPLECIA WRIGHT & JAANUSSON 1993

ORDOVICIAN

ONYCHOPLECIA COOPER 1956

ORDOVICIAN

PARAONYCHOPLECIA PERCIVAL 1991

ORDOVICIAN

BRACHYMIMULUS COCKERELL 1929

ORDOVICIAN-SILURIAN

CLIFTONIA FOERSTE 1909

ORDOVICIAN-SILURIAN

OXOPLECIA WILSON 1913

ORDOVICIAN-SILURIAN

STREPTIS DAVIDSON 1881

ORDOVICIAN-SILURIAN

TRIPLESIA HALL 1859

ORDOVICIAN-SILURIAN

DICRANISCUS MEEK 1872

SILURIAN

EILOTRETA AMSDEN 1968

SILURIAN

LISSOTRETA AMSDEN 1968

SILURIAN

ONYCHOTRETA ULRICH & COOPER 1936

SILURIAN

PLACOCLIFTONIA HAVLICEK 1990

SILURIAN

PLACOTRIPLESIA AMSDEN 1968

SILURIAN

PLECTOTRETA ULRICH & COOPER 1936

SILURIAN

SUPERFAMILY: UNCERTAIN

ACIDOTOCARENA LIU 1979

CAMBRIAN

APISTOCONCHA CONWAY MORRIS 1990

CAMBRIAN

AROONIA BENGTSON 1990

CAMBRIAN

ARTIMYCTELLA LIU 1979

CAMBRIAN

BOJARINOVIA AKSARINA 1978

CAMBRIAN

BYNGUANOIA ROBERTS 1990

CAMBRIAN

CHILE POPOV & TIKHONOV 1990

CAMBRIAN

KIJANINA AKSARINA 1992

CAMBRIAN

KUNDATELLA AKSARINA 1978

CAMBRIAN

LATHAMELLA LIU 1979

CAMBRIAN

NAUKAT POPOV & TIKHONOV 1990

CAMBRIAN

OCRURANUS LIU 1979

CAMBRIAN

OINA POPOV & TIKHONOV 1990

CAMBRIAN

PSAMATHOPALASS LIU 1979

CAMBRIAN

PYRIUSINA AKSARINA 1992

CAMBRIAN

SCAMBOCRIS LIU 1979

CAMBRIAN

SWANTONIA WALCOTT 1905

CAMBRIAN

SYNTROPHIOIDES SCHUCHERT & COOPER 1931

CAMBRIAN

TIANZHUSHANELLA LIU 1979

CAMBRIAN

USINIA AKSARINA 1992

CAMBRIAN

WYNNIA WALCOTT 1912

CAMBRIAN

DIRINUS MCCOY 1844

CARBONIFEROUS

REFLEXIA ROTAI 1931

CARBONIFEROUS

NEKVASILOVELA CALZADA 1987

CRETACEOUS

AUSTRALOSTROPHIA CASTER 1939

DEVONIAN

BIAREA TORBAKOVA 1959

DEVONIAN

CONISPIRIFER LJASCHENKO 1985

DEVONIAN

GASPESIA CLARKE 1907

DEVONIAN

IKELLA TJAZHEVA 1972

DEVONIAN

ILMOSPIRIFER LJASCHENKO 1969

DEVONIAN

JACETANELLA RACHEBOEUF, BATET & MAGRANS

1993

DEVONIAN

OBOLORUGIA ZHANG 1983

DEVONIAN

RHYNCHOFERELLA SPRIESTERSBACH 1942

DEVONIAN

RUGOSOTHYRIS ZHANG 1987

DEVONIAN

SELENELLA HALL & CLARKE 1893

DEVONIAN

VENEZUELIA WEISBORD 1926

DEVONIAN

VOLGOSPIRIFER SCHEVTCHENKO 1970

DEVONIAN

AGERITHYRIS RADULOVIC 1991

JURASSIC

MINITHYRIS RADULOVIC 1991

JURASSIC

STRUVETHYRIS RADULOVIC 1991

JURASSIC

AGASTAPLEURA XU 1978

ORDOVICIAN

BRANCONIA GAGEL 1890

ORDOVICIAN

CORNWALLIA WILSON 1932

ORDOVICIAN

EUORTHISINA HAVLICEK 1950

ORDOVICIAN

LAMANSKYA MOBERG & SEGERBERG 1906

ORDOVICIAN

MANOSIA ZENG 1983

ORDOVICIAN

MESOTRETA KUTORGA 1848

ORDOVICIAN

MINORORTHIS IVANOV 1950

ORDOVICIAN

TEGULELLA HOLMER 1989

ORDOVICIAN

YEOSINELLA REED 1933

ORDOVICIAN

ARCTITRETA WHITFIELD 1908

PENNSYLVANIAN

COMELICANIA FRECH 1901

PERMIAN

GAMDAELLA MILORADOVICH 1947

PERMIAN

LARIUM GREGORIO 1930

PERMIAN

NEOGYPIDULA LICHAREW 1961

PERMIAN

RICTIA GREGORIO 1930

PERMIAN

SOCRATICUM GREGORIO 1930

PERMIAN

TURRICULUM GREGORIO 1930

PERMIAN

VIRBIUM GREGORIO 1930

PERMIAN

DONGBEIISPIRIFER LIU 1977

SILURIAN

GASCONSIA NORTHROP 1939

SILURIAN

JILINIA LIU 1977

SILURIAN

LIOCOELIA SCHUCHERT & COOPER 1931

SILURIAN

SPHENORTHIS GRUBBS 1939

SILURIAN

SPONDYLOBOLUS MCCOY 1851

SILURIAN

YINGWUSPIRIFER RONG, XU & YANG 1974

SILURIAN

YONGJIA LIU 1977

SILURIAN

POMATOSPIRELLA BITTNER 1892

TRIASSIC

THECOSPIRELLA BITTNER 1900

TRIASSIC

SUPERFAMILY: ZEILLERIACEA

BRONNOTHYRIS POPIEL-BARCZYK & SMIRNOVA 1978

CRETACEOUS

MODESTELLA OWEN 1961

CRETACEOUS

VECTELLA OWEN 1965

CRETACEOUS

ANTIPTYCHINA ZITTEL 1880

JURASSIC

APOTHYRIS COOPER 1989

JURASSIC

BAKONYITHYRIS VOROS 1983

JURASSIC

CHEIROTHYRIS ROLLIER 1919

JURASSIC

CINCTA QUENSTEDT 1868

JURASSIC

CINCTOPSIS SUCIC-PROTIC 1985

JURASSIC

DIGONELLA MUIR-WOOD 1934

JURASSIC

EOUSELLA OVTSHARENKO 1976

JURASSIC

EPICYRTA DESLONGCHAMPS 1884

JURASSIC

EUDESIA KING 1850

JURASSIC

FIMBRIOTHYRIS DESLONGCHAMPS 1884

JURASSIC

FLABELLOTHYRIS DESLONGCHAMPS 1884

JURASSIC

GUSARELLA PROSOROVSKAJA 1962

JURASSIC

KARPATIELLA SUCIC-PROTIC 1985

JURASSIC

KERATOTHYRIS TULUWEIT 1965

JURASSIC

KUNTELLA OVTSHARENKO 1991

JURASSIC

LAZELLA RADULOVIC 1991

JURASSIC

MICELLA OVTSHARENKO 1976

JURASSIC

MICROTHYRIDINA SCHUCHERT & LEVENE 1929

JURASSIC

MONTANELLA OVTSHARENKO 1976

JURASSIC

MYCEROSIA COOPER 1989

JURASSIC

OBOVOTHYRIS BUCKMAN 1927

JURASSIC

ORNITHELLA DESLONGCHAMPS 1884

JURASSIC

PARAGUSARELLA SHI 1990

JURASSIC

PIROTELLA SUCIC-PROTIC 1985

JURASSIC

PLESIOTHYRIS DOUVILLE 1879

JURASSIC

PRAEUDESIA HEGAB & TCHORSZHEWSKY 1991

JURASSIC

RHOMBOIDELLA SUCIC-PROTIC 1985

JURASSIC

RUGITELA MUIR-WOOD 1936

JURASSIC

SECURINA VOROS 1983

JURASSIC

SINUSELLA SUCIC-PROTIC 1985

JURASSIC

SOMALITELA MUIR-WOOD 1935

JURASSIC

SPHRIGANARIA COOPER 1989

JURASSIC

SPINULOTHYRIS ANTOSTSCHENKO 1973

JURASSIC

TAUROMENIA SEGUENZA 1885

JURASSIC

TUBEGATANELLA PROSOROVSKAJA 1968

JURASSIC

XENORINA COOPER 1989

JURASSIC

ZEILLERIA BAYLE 1878

JURASSIC

ZEILLERINA KYANSEP 1959

JURASSIC

DISPHENIA GRANT 1988

PERMIAN

AULACOTHYROIDES DAGYS 1965

TRIASSIC

CAMEROTHYRIS BITTNER 1890

TRIASSIC

GEMERITHYRIS SIBLIK 1977

TRIASSIC

KOLYMITHYRIS DAGYS 1965

TRIASSIC

PROTOGUSARELLA PERRY & CHATTERTON 1979

TRIASSIC

SACOTHYRIS CHING, SUN & YE 1979

TRIASSIC

SACOTHYROPSIS CHEN, RAO 1986

TRIASSIC

SILESIATHYRIS BRUGGE 1977

TRIASSIC

TRISEPTOTHYRIS XU 1978

TRIASSIC

WOROBIEVELLA DAGYS 1959

TRIASSIC

AULACOTHYRIS DOUVILLE 1879

TRIASSIC-JURASSIC

Select OPTION: