

Appendix 3. Genera assigned to families and their stratigraphic ranges. Data from Smith (2009).

Clade	Family	First	Last	Included genera	First occur.	Last occur.
stem group	Acrolusiidae	Neocomien	Neocomien	<i>Acrolusia</i> Lambert, 1920b, p. 155	Neocomian	Neocomian
Atelostomata	Collyritidae	Bathonian	Valanginian	<i>Collyrites</i> des Moulins, 1835, p. 212	Bathonian	Oxfordian
				<i>Cyclolampas</i> Pomel, 1883, p. 51	Oxfordian	Tithonian
				<i>Cardiopelta</i> Pomel, 1883, p. 50	Oxfordian	Valanginian
				<i>Proholaster</i> Gauthier, 1896, p. 17	Berriasian	Berriasian
				<i>Cardiolampas</i> Pomel, 1883, p. 50	Oxfordian	Oxfordian
				<i>Disaster</i> L. Agassiz, 1835, p. 183	Callovian	Hauterivian
	Pygorhytidae	Toarcian	Callovian	<i>Pygorhytis</i> Pomel, 1883, p. 50	Toarcian	Callovian
				<i>Spatocyphus</i> Pomel, 1883, p. 51	Bajocian	Bajocian
	Tithoniidae	Bathonian	Barremian	<i>Pygomalus</i> Pomel, 1883, p. 51	Toarcian	Callovian
				<i>Metaporinus</i> L. Agassiz, 1844, p. 730	Bathonian	Valanginian
				<i>Tithonia</i> Pomel, 1883, p. 49	Bathonian	Berriasian
				<i>Corytha</i> Pomel, 1883, p. 51	Berriasian	Albian
				<i>Tetraromania</i> Solovjev, 1971, p. 64	Berriasian	Barremian
Camarodonta	Echinidae	U Miocene	Recent	<i>Echinus</i> Linné, 1758, p. 663	U Miocene	Recent
				<i>Polyechinus</i> Mortensen, 1942, p. 231	Recent	Recent
				<i>Stirechinus</i> Desor, 1856, p. 131	U Miocene	Recent
				<i>Demechinus</i> Mortensen, 1942, p. 231	Recent	Recent
				<i>Gracilechinus</i> Fell & Pawson, in Moore, 1966, p. U431	U Miocene	Recent
				<i>Sterechinus</i> Koehler, 1901, p. 8	Recent	Recent
				<i>Echinometra</i> Gray, 1825, p. 426	L Miocene	Recent
				<i>Caenocentrotus</i> H.L. Clark, 1912, p. 348	Recent	Recent
	Echinometridae	L Miocene	Recent	<i>Pachechinus</i> A. Agassiz, 1872, p. 55	Recent	Recent
				<i>Heliocidaris</i> L. Agassiz & Desor, 1846, p. 371	L Miocene	Recent
				<i>Heterocentrotus</i> Brandt, 1835, p. 265	Miocene	Recent
				<i>Zenocentrotus</i> A.H. Clark, 1932, p. 5	Miocene	Recent

			<i>Colobocentrotus</i> Brandt, 1835, p. 266	Recent	Recent
			<i>Podophora</i> [Podophorae]		
			L. Agassiz, 1840a, p. 19	Recent	Recent
			<i>Selenechinus</i> de Meijere, 1904, p. 246	Recent	Recent
			<i>Evechinus</i> Verrill, 1871, p. 583	Pliocene	Recent
Parasaleniiidae	L Miocene	Recent	<i>Parasalenia</i> A. Agassiz, 1863, p. 22	L Miocene	Recent
Parechinidae	Miocene	Recent	<i>Parechinus</i> Mortensen, 1903b, p. 108	Pleistocene	Recent
			<i>Psammechinus</i> L. Agassiz & Desor, 1846, p. 368	Miocene	Recent
			<i>Isechinus</i> Lambert, 1903, p. 476	Miocene	Recent
			<i>Paracentrotus</i> Morensen, 1903b, p. 124	Pleistocene	Recent
Strongylocentrotidae	L Miocene	Recent	<i>Strongylocentrotus</i> Brandt, 1835, p. 263	L Miocene	Recent
			<i>Allocentrotus</i> Mortensen, 1942, p. 232	Recent	Recent
			<i>Loxechinus</i> Desor, 1856, p. 136	Recent	Recent
			<i>Hemicentrotus</i> Mortensen, 1942, p. 231	Recent	Recent
			<i>Pseudocentrotus</i> Mortensen, 1903b, p. 122	Recent	Recent
Toxopneustidae	U Oligocene	Recent	<i>Toxopneustes</i> L. Agassiz, 1841b, p. 7	Pliocene	Recent
			<i>Schizechinus</i> Pomel, 1869, p. 42	L Miocene	Pliocene
			<i>Nudechinus</i> H.L. Clark, 1912, p. 276	Recent	Recent
			<i>Oligophyma</i> Pomel, 1869, p. 43	M Miocene	U Miocene
			<i>Lytechinus</i> A. Agassiz, 1863, p. 24	U Oligocene	Recent
			<i>Scoliechinus</i> Arnold & H.L. Clark, 1927, p. 23	M Eocene	M Eocene
			<i>Tripneustes</i> L. Agassiz, 1841b, p. 7	L Miocene	Recent
			<i>Goniopneustes</i> Duncan, 1889, p. 113	Recent	Recent
			<i>Sphaerechinus</i> Desor, 1856, p. 134	Pliocene	Recent
			<i>Pseudoboletia</i> Troschel, 1869, p. 96	Recent	Recent
			<i>Gymnechinus</i> Mortensen, 1903b, p. 115	Recent	Recent
Temnopleuridae	L Eocene	Recent	<i>Temnopleurus</i> L. Agassiz, 1841b, p. 7	Pliocene	Recent
			<i>Coptechinus</i> Cotteau, 1883, p. 27	U Miocene	Pliocene
			<i>Paradoxechinus</i> Laube, 1869, p. 186	U Eocene	L Miocene
			<i>Temnechinus</i> Forbes, 1852, p. 5	Pliocene	Pliocene

Trigonocidaridae	U Eocene	Recent	<i>Temnotrema</i> A. Agassiz, 1864, p. 358	U Eocene	Recent
			<i>Erbechinus</i> Jeannet, 1935, p. 558	Pliocene	Recent
			<i>Opechinus</i> Desor, 1856, p. 107	L Eocene	Recent
			<i>Microcyphus</i> L. Agassiz,		
			in Agassiz & Desor, 1846, p. 358	Miocene	Recent
			<i>Mespilia</i> Desor, in Agassiz & Desor, 1846, p. 357	Recent	Recent
			<i>Salmaciella</i> Mortensen, 1942, p. 226	Recent	Recent
			<i>Amblypneustes</i> L. Agassiz, 1841b, p. 7	Recent	Recent
			<i>Salmacis</i> L. Agassiz, 1841c, p. 8	Recent	Recent
			<i>Holopneustes</i> L. Agassiz, 1841c, p. 9	Recent	Recent
			<i>Trigonocidaris</i> A. Agassiz, 1869, p. 263	Recent	Recent
			<i>Genocidaris</i> A. Agassiz, 1869, p. 262	L Miocene	Recent
			<i>Scolecchinus</i> Lambert,		
			in Lambert & Thiéry, 1925, p. 570	U Oligocene	U Oligocene
			<i>Goniosigma</i> Fell, 1964, p. 201	Oligocene	Oligocene
			<i>Javanechinus</i> Jeannet,		
			in Lambert & Jeannet, 1935, p. 49	L Miocene	U Miocene
			<i>Leptopleurus</i> Lambert & Thiéry, 1914, p. 275	Miocene	Miocene
			<i>Ortholophus</i> Duncan, 1887, p. 414	U Oligocene	L Miocene
			<i>Cryptechinus</i> Philip, 1969, p. 236	L Miocene	L Miocene
Zeuglopleuridae	Albian	Maastrichtian	<i>Asterechinus</i> Mortensen, 1942, p. 228	U Eocene	Recent
			<i>Prionechinus</i> A. Agassiz, 1879, p. 202	Recent	Recent
			<i>Zeuglopleurus</i> Gregory, 1889, p. 494	Cenomanian	Turonian
			<i>Echinocyphus</i> Cotteau,		
Glyphocyphidae	Aptian	M Eocene	in Cotteau & Triger, 1860, p. 226	U Albian	Turonian
			<i>Boletechinus</i> Cooke, 1955, p. 93	Santonian	Maastrichtian
			<i>Glyphocyphus</i> d'Archiac & Haime, 1853, p. 202	L Aptian	Turonian
			<i>Arachnopleurus</i> Duncan & Sladen, 1882b, p. 42	U Paleocene	M Eocene
			<i>Hemidiadema</i> L. Agassiz,		
			in Agassiz & Desor, 1846, p. 351	U Albian	Cenomanian
			<i>Echinopsis</i> L. Agassiz, 1840a, p. 9 18	U Paleocene	M Eocene

<i>Ambipleurus</i> Lambert, 1932, p. 198	U Eocene	U Eocene
<i>Dictyopleurus</i> Duncan & Sladen, 1882b, p. 38	U Paleocene	L Eocene
<i>Rachiosoma</i> Pomel, 1883, p. 91	Santonian	Santonian
<i>Rhabdopleurus</i> Cotteau, 1893, p. 594	M Eocene	M Eocene
<i>Eurysalenia</i> Kier, 1966, p. A63	Campanian	Maastrichtian

stem group Irregularia	Anorthopygidae	Oxfordian	Maastrichtian	<i>Anorthopygus</i> Cotteau, in Cotteau & Triger, 1859, p. 177	Albian	Maastrichtian
				<i>Pileus</i> Desor, 1857, p. 167	Oxfordian	Oxfordian
	Coenholectypidae	Hauterivian	Maastrichtian	<i>Coenholectypus</i> Pomel, 1883, p. 75	Hauterivian	Maastrichtian
				<i>Coptodiscus</i> Cotteau & Gauthier, 1895, p. 76	Cenomanian	Campanian
				<i>Lanieria</i> Duncan, 1889, p. 158	Campanian	Maastrichtian
				<i>Temnholectypus</i> Lambert, 1918b, p. 7	U Albian	Maastrichtian
	Discooididae	Aptian	Maastrichtian	<i>Discooides</i> Parkinson, 1811, p. 20	Aptian	Cenomanian
				<i>Discholectypus</i> Pomel, 1883, p. 75	U Albian	U Albian
				<i>Camerogalerus</i> Quenstedt, 1873, p. 411	Aptian	Maastrichtian
	Holectypoidae	Pliensbachian	Kimmeridgian	<i>Holectypus</i> Desor, 1842, p. 65	Pliensbachian	Kimmeridgian
				<i>Philoectypus</i> Vadet, 1997, p. 22	Toarcian	Callovian
	Pygasteridae	Bajocian	Cenomanian	<i>Pygaster</i> L. Agassiz, 1835, p. 185	Bajocian	Cenomanian
	Galeropygidae	Toarcian	Bajocian	<i>Galeropygus</i> Cotteau, 1856, p. 648	Toarcian	Bathonian
	[Hyboclypids]	Bajocian	Oxfordian	<i>Hyboclypus</i> L. Agassiz, 1839, p. 74	Bajocian	Oxfordian
				<i>Aulacopygus</i> Pomel, 1883, p. 53	Bajocian	Bathonian
	Desorellidae	Oxfordian	Kimmeridgian	<i>Desorella</i> Cotteau, 1855, p. 713	Oxfordian	Kimmeridgian
	Pygorhytidae	Toarcian	Callovian	<i>Pygorhytis</i> Pomel, 1883, p. 50	Toarcian	Callovian
				<i>Spatocyphus</i> Pomel, 1883, p. 51	Bajocian	Bajocian
				<i>Pygomalus</i> Pomel, 1883, p. 51	Toarcian	Callovian

Cassiduloids	Apatopygidae	Paleocene	Recent	<i>Apatopygus</i> Hawkins, 1920, p. 393	U Paleocene	Recent
				<i>Nucleopygus</i> L. Agassiz, 1840a, p. 7 16	U Albian	Maastrichtian
				<i>Porterpygus</i> Baker, 1983, p. 164	L Miocene	Recent
	Archiaciidae	Cenomanian	Turonian	<i>Archiacia</i> L. Agassiz,		

[Claviasteridae]	Cassidulidae	Maastrichtian	Recent	in Agassiz & Desor, 1847, p. 159	Cenomanian	Cenomanian
				<i>Claviaster</i> d'Orbigny, 1855, p. 281	Cenomanian	Turonian
				<i>Cassidulus</i> Lamarck, 1801, p. 349	U Eocene	Recent
Catopygidae	Kimmeridgian	Maastrichtian		<i>Eurhodia</i> Haime,		
				in d'Archiac & Haime, 1853, p. 213	L Eocene	M Eocene
				<i>Glossaster</i> Lambert, 1918a, p. 39	L Eocene	M Eocene
				<i>Paralampas</i> Duncan & Sladen, 1882b, p. 72	U Paleocene	U Paleocene
				<i>Rhyncholampas</i> A. Agassiz, 1869, p. 270	Maastrichtian	Recent
				<i>Catopygus</i> L. Agassiz, 1835, p. 185	Kimmeridgian	Maastrichtian
Clypeidae	Bajocian	Kimmeridgian		<i>Penesticta</i> Pomel, 1883, p. 64	Cenomanian	Cenomanian
				<i>Hemicara</i> Schlüter, 1902, p. 332	Cenomanian	Cenomanian
				<i>Clypeus</i> Leske, 1778, p. 157	Bajocian	Oxfordian
Clypeolampadidae	Coniacian	Maastrichtian		<i>Cluniculus</i> Pomel, 1883, p. 57	Oxfordian	Kimmeridgian
				<i>Pseudosorella</i> Etallon, 1859, p. 415	Bathonian	Oxfordian
				<i>Clypeolampas</i> Pomel, 1869, p. 25	Campanian	Maastrichtian
Echinolampadidae	Maastrichtian	Recent		<i>Hungaresia</i> Szörényi, 1955, p. 76	Coniacian	Maastrichtian
				<i>Echinolampas</i> Gray, 1825, p. 429	M Eocene	Recent
				<i>Hypsoclypus</i> Pomel, 1869, p. 25	M Eocene	Recent
Neolampadidae	L Eocene	Recent		<i>Kephrenia</i> Fourtau, 1909, p. 138	L Eocene	L Eocene
				<i>Vologesia</i> Cotteau & Gauthier, 1895, p. 65	Maastrichtian	Maastrichtian
				<i>Neolampas</i> A. Agassiz, 1869, p. 271	Recent	Recent
				<i>Pisolampas</i> Philip, 1963b, p. 718	L Eocene	U Eocene
				<i>Nannolampas</i> Mortensen, 1948a, p. 339	Recent	Recent
				<i>Aphanophora</i> de Meijere, 1902, p. 8	U Eocene	Recent
[Pliolampadidae]	Maastrichtian	Recent		<i>Studeria</i> Duncan, 1889, p. 185	Oligocene	Recent
				<i>Pliolampas</i> Pomel, 1888a, p. 446	Eocene	Recent
				<i>Oolopygus</i> d'Orbigny, 1857, p. 454	Maastrichtian	U Paleocene
Nucleolitidae	Bajocian	Cenomanian		<i>Nucleolites</i> Lamarck, 1801, p. 347	Bathonian	Cenomanian
				<i>Phyllobrissus</i> Cotteau, 1859, p. 81	Kimmeridgian	Aptian
				<i>Clypeopygus</i> d'Orbigny, 1856, p. 418	Valanginian	Hauterivian
				<i>Crotoclypeus</i> Pomel, 1883, p. 60	Bajocian	Oxfordian

				<i>Bothryopneustes</i> Fourtau, 1924, p. 27	Bathonian	Oxfordian
				<i>Ochetus</i> Pomel, 1883, p. 57	U Albian	Cenomanian
	Pygaulidae	Valanginian	Paleocene	<i>Pygaulus</i> L. Agassiz, in Agassiz & Desor, 1847, p. 158	Barremian	Barremian
				<i>Pygopistes</i> Pomel, 1883, p. 56	Cenomanian	Cenomanian
				<i>Pygorhynchus</i> L. Agassiz, 1839, p. 53	Valanginian	Albian
				<i>Echinogalerus</i> Koenig, 1825, p. 171	Cenomanian	Maastrichtian
				<i>Plagiochasma</i> Pomel, 1883, p. 59	Valanginian	U Paleocene
	Pyguridae	Bathonian	Cenomanian	<i>Pygurus</i> L. Agassiz, 1839, p. 68	Oxfordian	Cenomanian
				<i>Pyguropsis</i> de Loriol, 1902, p. 32	Cenomanian	Cenomanian
				<i>Echinopygus</i> d'Orbigny, 1855, p. 303	Valanginian	Cenomanian
				<i>Astrolampas</i> Pomel, 1883, p. 63	Bathonian	Cenomanian
	Gitolampadidae	Cenomanian	Recent	<i>Arnaudaster</i> Lambert, 1920b, p. 152	Cenomanian	Maastrichtian
				<i>Ilarionia</i> Dames, 1878, p. 34	Eocene	Eocene
				<i>Parapygus</i> Pomel, 1883, p. 61	Turonian	Santonian
				<i>Neocatopygus</i> Duncan & Sladen, 1882b, p. 76	L Eocene	L Eocene
				<i>Gitolampas</i> Gauthier, 1889, p. 98	Campanian	M Miocene
				<i>Oligopodia</i> Duncan, 1889, p. 176	Eocene	Recent
	Cassiduloida incertae sedis			<i>Anochanus</i> Grube, 1868, p. 178	Recent	Recent
				<i>Heteronucleus</i> Lambert, 1911b, p. 184	Senonian	Senonian
				<i>Pseudonucleus</i> Lambert, 1920b, p. 153	Campanian	Campanian
				<i>Rostropygus</i> Szörényi, 1955, p. 67	Santonian	Santonian
				<i>Gentilia</i> Lambert, 1918a, p. 35	Cenomanian	Cenomanian
				<i>Tropholampas</i> H.L. Clark, 1923, p. 395	Recent	Recent
stem group	Faujasiidae	Campanian	M Eocene	<i>Faujasia</i> d'Orbigny, 1855, p. 314	Campanian	Maastrichtian
clypeasteroids				<i>Zuffardia</i> Checchia-Rispoli, 1917, p. 492	Maastrichtian	Maastrichtian
				<i>Pygurostoma</i> Cotteau & Gauthier, 1895, p. 51	Campanian	Maastrichtian
				<i>Domechinus</i> Kier, 1962, p. 141	Campanian	Maastrichtian
				<i>Lefortia</i> Cossman, 1901, p. 58	Maastrichtian	Maastrichtian
				<i>Daradaster</i> Tessier, 1952, p. 295	M Eocene	M Eocene

[Stigmatopyginae]	Turonian	L Miocene		<i>Eurypetalum</i> Kier, 1962, p. 140	Maastrichtian	Maastrichtian
				<i>Cardiopygus</i> Aziz & Badve, 2001, p. 49	Maastrichtian	Maastrichtian
				<i>Gongrochanus</i> Kier, 1962, p. 131	Maastrichtian	Maastrichtian
				<i>Tamililampus</i> Aziz & Badve, 2001, p. 52	Maastrichtian	Maastrichtian
				<i>Actapericulum</i> Holmes, 1995, p. 120	L Miocene	L Miocene
				<i>Australanthus</i> Bittner, 1892, p. 350	U Eocene	U Eocene
				<i>Hardouinia</i> Haime,		
				in d'Archiac & Haime, 1853, p. 214	Turonian	Maastrichtian
				<i>Petalobrissus</i> Lambert,		
				in Lambert & Thiéry, 1921, p. 349	Turonian	Maastrichtian
				<i>Procassidulus</i> Lambert, 1918a, p. 39	Maastrichtian	L Paleocene
				<i>Rhynchopygus</i> d'Orbigny, 1855, p. 323	Maastrichtian	U Eocene
				<i>Stigmatopygus</i> d'Orbigny, 1855, p. 331	Campanian	L Oligocene
				<i>Oriolampas</i> Munier-Chalmas, 1882, p. 369	U Paleocene	U Paleocene
Plesiolampadidae	Maastrichtian	U Eocene		<i>Eolampas</i> Duncan & Sladen, 1882b, p. 61	L Eocene	U Eocene
				<i>Termieria</i> Lambert, 1931b, p. 30	Maastrichtian	L Paleocene
Oligopygidae	M Eocene	U Eocene		<i>Plesiolampas</i> Duncan & Sladen, 1882a, p. 9	U Paleocene	L Eocene
				<i>Oligopygus</i> de Loriol, 1887, p. 395	M Eocene	U Eocene
Togocyamids				<i>Haimea</i> Michelin, 1851, p. 92	M Eocene	U Eocene
				<i>Togocyamus</i> Oppenheim, 1915, p. 20	U Paleocene	U Paleocene
Conoclypidae	Paleocene	M Eocene		<i>Conoclypus</i> L. Agassiz, 1839, p. 61	U Paleocene	M Eocene
				<i>Oviclypeus</i> Dames, 1878, p. 44	Eocene	Eocene
Clypeasteroida	Ammotrophinae	L Miocene	Recent	<i>Ammotrophus</i> H.L. Clark, 1928, p. 471	Pliocene	Recent
				<i>Monostychia</i> Laube, 1869, p. 118	L Miocene	L Miocene
	Arachnoididae	Pliocene	Recent	<i>Arachnoides</i> Leske, 1778, p. 471	Pliocene	Recent
				<i>Fellaster</i> Durham, 1955, p. 125	Pliocene	Recent
	Clypeasteridae	U Eocene	Recent	<i>Clypeaster</i> Lamarck, 1801, p. 341	U Eocene	Recent
	Fossulasteridae	L Miocene	L Miocene	<i>Fossulaster</i> Lambert & Thiéry, 1925, p. 577	L Miocene	L Miocene
	Echinocyamidae	M Eocene	Recent	<i>Echinocyamus</i> van Phelsum, 1774, p. 131	M Eocene	Recent
				<i>Mortonia</i> Gray, 1851a, p. 38	Recent	Recent

Fibulariidae	M Eocene	Recent	<i>Leniechinus</i> Kier, 1968a, p. 4	M Eocene	M Eocene
			<i>Fibularia</i> Lamarck, 1816, p. 16	M Eocene	Recent
			<i>Tridium</i> Tandon & Srivastava, 1980, p. 1	M Eocene	M Eocene
			<i>Lenicyamidia</i> Brunnenschweiler, 1962, p. 165	L Eocene	L Eocene
			<i>Thagastea</i> Pomel, 1888b, p. 373	Eocene	Eocene
Laganidae	Miocene	Recent	<i>Fibulariella</i> Mortensen, 1948b, p. 219	M Eocene	Recent
			<i>Laganum</i> Link, 1807, p. 161	Pliocene	Recent
			<i>Sismondia</i> Desor, 1857, p. 225	M Eocene	L Miocene
			<i>Hupea</i> Pomel, 1883, p. 69	Pliocene	Recent
			<i>Jacksonaster</i> Lambert, in Lambert & Thiéry, 1914, p. 313	Miocene	Recent
Neolaganidae	M Eocene	U Oligocene	<i>Peronella</i> Gray, 1855, p. 13	Miocene	Recent
			<i>Rumphia</i> Desor, 1857, p. 229	U Miocene	Recent
			<i>Neolaganum</i> Durham, 1954, p. 680	U Eocene	U Eocene
			<i>Weisbordella</i> Durham, 1954, p. 682	U Eocene	U Eocene
			<i>Pentedium</i> Kier, 1967b, p. 989	M Eocene	M Eocene
			<i>Tetradiella</i> Liao & Lin, 1981, p. 484	Pliocene	Pliocene
			<i>Durhamella</i> Kier, 1968a, p. 23	M Eocene	U Eocene
			<i>Wythella</i> Durham, 1954, p. 682	M Eocene	U Oligocene
			<i>Sanchezella</i> Durham, 1954, p. 682	U Eocene	U Eocene
			<i>Cubanaster</i> Sanchez Roig, 1952a, p. 3	M Eocene	U Eocene
Scutellinoididae	U Oligocene	M Miocene	<i>Scutellinoides</i> Durham, 1955, p. 128	L Miocene	M Miocene
			<i>Philipaster</i> Wang, 1994, p. 227	U Oligocene	L Miocene
			<i>Willungaster</i> Philip & Foster, 1971, p. 687	L Miocene	L Miocene
			<i>Prowillunaster</i> Wang, 1994, p. 229	U Oligocene	L Miocene
Astriclypeidae	U Oligocene	Recent	<i>Astriclypeus</i> Verrill, 1867, p. 311	U Oligocene	Recent
			<i>Echinodiscus</i> Leske, 1778, p. 195	L Miocene	Recent
			<i>Amphiope</i> L. Agassiz, 1840a, p. 6 17	U Oligocene	Recent
Dendrasteridae	U Miocene	Recent	<i>Dendraster</i> L. Agassiz, in Agassiz & Desor, 1847, p. 135	U Miocene	Recent
Echinarachniidae	M Eocene	Recent	<i>Echinarachnius</i> Gray, 1825, p. 428	M Miocene	Recent

			<i>Scutellaster</i> Cragin, 1895, p. 90	U Miocene	Pleistocene
			<i>Astrodapsis</i> Conrad, 1856, p. 315	Miocene	Pliocene
			<i>Pseudastrodapsis</i> Durham, 1953b, p. 121	U Miocene	Pliocene
			<i>Vaquerosella</i> Durham, 1955, p. 166	L Miocene	M Miocene
			<i>Faassia</i> Shmidt, in Shmidt & Sinyelnikova, 1971, p. 911	U Miocene	U Miocene
			<i>Proescutella</i> Pomel, 1883, p. 70	M Eocene	M Eocene
Eoscutellidae	M Eocene	U Eocene	<i>Eoscutella</i> Grant & Hertlein, 1938, p. 54	M Eocene	U Eocene
Mellitidae	L Miocene	Recent	<i>Mellita</i> L. Agassiz, 1841a, p. 34	U Miocene	Recent
			<i>Leodia</i> Gray, 1851a, p. 36	Pliocene	Recent
			<i>Mellitella</i> Duncan, 1889, p. 169	Miocene	Recent
			<i>Encope</i> L. Agassiz, 1840a, p. 5 17	L Miocene	Recent
Monophorasteridae	U Oligocene	U Miocene	<i>Monophoraster</i> Lambert & Thiéry, 1921, p. 324	M Miocene	U Miocene
			<i>Amplaster</i> Martínez, 1984, p. 506	U Oligocene	U Miocene
Protoscutellidae	M Eocene	U Eocene	<i>Protoscutella</i> Stefanini, 1924, p. 843	M Eocene	U Eocene
			<i>Periarchus</i> Conrad, 1866, p. 21	U Eocene	U Eocene
			<i>Mortonella</i> Pomel, 1883, p. 70	U Eocene	U Eocene
Rotulidae	Pliocene	Recent	<i>Rotula</i> Schumacher, 1817, p. 33	Recent	Recent
			<i>Rotuloidea</i> Etheridge, 1872, p. 98	Pliocene	Pliocene
			<i>Heliophora</i> L. Agassiz, 1840a, p. 17	Pliocene	Recent
Scutasteridae	M Eocene	M Eocene	<i>Scutaster</i> Pack, 1909, p. 278	M Eocene	M Eocene
Scutellines stem group	M Eocene	U Eocene	<i>Scutellina</i> L. Agassiz, 1841a, p. 98	M Eocene	U Eocene
			<i>Eoscutum</i> Lambert, in Lambert & Thiéry, 1914, p. 293	L Eocene	M Eocene
			<i>Porpitella</i> Pomel, 1883, p. 72	M Eocene	M Eocene
			<i>Lenita</i> Desor, in Agassiz & Desor, 1847, p. 142	M Eocene	M Eocene
Abertellidae	L Miocene	M Miocene	<i>Abertella</i> Durham, 1953a, p. 350	L Miocene	M Miocene
			<i>Karlaster</i> Marchesini Santos, 1958, p. 16	L Miocene	L Miocene
Scutellidae	U Eocene	Recent	<i>Scutella</i> Lamarck, 1816, p. 7	U Oligocene	L Miocene
			<i>Parascutella</i> Durham, 1953a, p. 349	L Miocene	M Miocene
			<i>Scutulum</i> Tournouër, 1869, p. 981	U Eocene	L Oligocene

				<i>Scaphechinus</i> A. Agassiz, 1864, p. 359	U Miocene	Recent
				<i>Samlandaster</i> Lambert, in Lambert & Thiéry, 1914, p. 293	U Eocene	U Eocene
				<i>Reymondella</i> Durham, 1955, p. 168	U Miocene	Pliocene
	Scutellina incertae sedis			<i>Iheringiella</i> Berg, 1898, p. 16	L Miocene	L Miocene
	Taiwanasteridae	Oligocene	Recent	<i>Taiwanaster</i> Wang, 1984, p. 134	Oligocene	Recent
				<i>Marginoproctus</i> Budin, 1980, p. 306	Recent	Recent
Echinoneoida	Conulidae	Oxfordian	Maastrichtian	<i>Conulus</i> Leske, 1778, p. 161	Valanginian	Maastrichtian
				<i>Globator</i> L. Agassiz, 1840a, p. 7 16	Hauterivian	Maastrichtian
				<i>Conulopyrina</i> Hawkins, 1921, p. 420	Aptian	L Albian
				<i>Pygopyrina</i> Pomel, 1883, p. 54	Oxfordian	Kimmeridgian
	Echinoneidae [Échinonéides]	Paleocene	Recent	<i>Echinoneus</i> Leske, 1778, p. 173	L Miocene	Recent
				<i>Amblypygus</i> L. Agassiz, 1840a, p. 5 17	Eocene	Miocene
				<i>Paramblypygus</i> Tessier & Roman, 1973, p. 140	U Paleocene	U Paleocene
				<i>Micropetalon</i> A. Agassiz & Clark, 1907b, p. 251	Recent	Recent
				<i>Duperieria</i> Roman, 1968, p. 120	M Eocene	M Eocene
				<i>Koehleraster</i> Lambert & Thiéry, 1921, p. 331	U Eocene	Recent
	Galeritidae	Albian	Maastrichtian	<i>Galerites</i> Lamarck, 1801, p. 19	Santonian	Maastrichtian
				<i>Rostrogalerus</i> Lambert, 1911a, p. 30	U Albian	Cenomanian
	Neoglobatoridae	Maastrichtian	L Eocene	<i>Adelopneustes</i> Gauthier, 1889, p. 52 = [<i>Neoglobator</i> Endelman, 1980, p. 96]	Maastrichtian	L Eocene
Holasteroida	Calymnidae	Campanian	Recent	<i>Calymne</i> Thomson, 1877, p. 397	Recent	Recent
				<i>Sternopatagus</i> de Meijere, 1902, p. 10	U Cretaceous	Recent
				<i>Chelonechinus</i> Bather, 1934, p. 860	U Miocene	Pliocene
				<i>Pseudoffaster</i> Lambert, in Lambert & Thiéry, 1924, p. 413	Campanian	Maastrichtian
	Cardiasteridae	Cenomanian	Maastrichtian	<i>Cardiaster</i> Forbes, 1850, p. 422	Turonian	Maastrichtian
				<i>Protocardiaster</i> Smith & Wright, 2003, p. 476	Cenomanian	Turonian
				<i>Hagenowia</i> Duncan, 1889, p. 210	Coniacian	Maastrichtian

[Cardiotaxinae]	Turonian	Maastrichtian	<i>Infulaster</i> Desor, 1858, p. 347	Turonian	Coniacian
			<i>Sternotaxis</i> Lambert, 1893, p. 95 = [<i>Cardiotaxis</i> Lambert, 1917, p. 212 (22)]	Turonian	Maastrichtian
Corystidae	Paleocene	Recent	<i>Plesiocorys</i> Pomel, 1883, p. 45	Turonian	Santonian
			<i>Corystus</i> Pomel, 1883, p. 61	M Eocene	Recent
Echinocorythidae	Aptian	Paleocene	<i>Cardabia</i> Foster & Philip, 1978, p. 798	Paleocene	Paleocene
			<i>Huttonechinus</i> Foster & Philip, 1978, p. 799	L Oligocene	L Oligocene
Hemipneustidae	Albian	M Miocene	<i>Echinocorys</i> Leske, 1778, p. 175	Turonian	U Paleocene
			<i>Pseudananchys</i> Pomel, 1883, p. 45	Aptian	Cenomanian
			<i>Hemipneustes</i> L. Agassiz, 1835, p. 183	Campanian	Maastrichtian
			<i>Medjesia</i> Jeffery, 1997, p. 244	Campanian	Campanian
			<i>Plesiohemipneustes</i> Smith & Wright, 2003, p. 483	U Albian	Cenomanian
			<i>Opisopneustes</i> Gauthier, 1889, p. 2	Campanian	Maastrichtian
Holasteridae	Hauterivian	Maastrichtian	<i>Toxopatus</i> Pomel, 1883, p. 30	M Miocene	M Miocene
			<i>Holaster</i> L. Agassiz, 1835, p. 183	Hauterivian	Cenomanian
			<i>Offaster</i> Desor, 1858, p. 333	Campanian	Maastrichtian
			<i>Cibaster</i> Pomel, 1883, p. 48	Santonian	Maastrichtian
			<i>Messaoudia</i> Lambert, 1917, p. 194	Cenomanian	Cenomanian
			<i>Scagliaster</i> Munier-Chalmas, 1891, p. 11	Turonian	U Cretaceous
			<i>Galeola</i> Quenstedt, 1874, p. 595	Santonian	Campanian
			<i>Crassiholaster</i> Smith & Wright, 2003, p. 556	Albian	Cenomanian
Incertae sedis			<i>Lampadocorys</i> Pomel, 1883, p. 46	Cenomanian	L Paleocene
			<i>Pilematechinus</i> A. Agassiz, 1904, p. 163	Recent	Recent
Plexechinidae	Recent	Recent	<i>Ganbirretia</i> Gauthier, 1903, p. 19	L Paleocene	L Paleocene
			<i>Plexechinus</i> A. Agassiz, 1898, p. 78	Recent	Recent
Pourtalesiidae	M Miocene	Recent	<i>Pourtalesia</i> A. Agassiz, 1869, p. 272	M Miocene	Recent
			<i>Galeaster</i> Seunes, 1889, p. 821	Maastrichtian	U Paleocene
			<i>Echinocrepis</i> A. Agassiz, 1879, p. 206	Recent	Recent
			<i>Spatagocystis</i> A. Agassiz, 1879, p. 206	Recent	Recent
			<i>Cystocrepis</i> Mortensen, 1907, p. 84	Recent	Recent

				<i>Echinosigra</i> Mortensen, 1907, p. 82	Recent	Recent
				<i>Ceratophysa</i> Pomel, 1883, p. 40	Recent	Recent
				<i>Helgocystis</i> Mortensen, 1907, p. 82	Recent	Recent
				<i>Solenocystis</i> Mironov, 2008, p. 13	Recent	Recent
	Pseudholasterinae	Berriasian	U Oligocene	<i>Pseudholaster</i> Pomel, 1883, p. 45	Valanginian	Paleocene
				<i>Eoholaster</i> Solovjev, 1989, p. 150	Berriasian	Berriasian
				<i>Taphraster</i> Pomel, 1883, p. 46	Hauterivian	Hauterivian
				<i>Giraliaster</i> Foster & Philip, 1978, p. 804	Maastrichtian	U Oligocene
	Stegasteridae	Campanian	Paleocene	<i>Stegaster</i> Pomel, 1883, p. 48	U Cretaceous	U Cretaceous
				<i>Jeronia</i> Seunes, 1888, p. 809	L Paleocene	L Paleocene
				<i>Guettaria</i> Gauthier, 1888, p. 532	Campanian	Maastrichtian
				<i>Lampadaster</i> Cotteau, 1889b, p. 88	Campanian	Maastrichtian
				<i>Tholaster</i> Seunes, 1891, p. 23	Maastrichtian	Maastrichtian
				<i>Entomaster</i> Gauthier, 1888, p. 532	Campanian	Campanian
				<i>Seunaster</i> Lambert, 1912, p. 385	Maastrichtian	Maastrichtian
	Stenonasteridae	U Cretaceous	U Cretaceous	<i>Stenonaster</i> Lambert, 1922, p. 114	U Cretaceous	U Cretaceous
	Urechinidae	Recent	Recent	<i>Urechinus</i> A. Agassiz, 1879, p. 207	Recent	Recent
				<i>Cystechinus</i> A. Agassiz, 1879, p. 207	Recent	Recent
				<i>Antrechinus</i> Mooi & David, 1996, p. 946	Recent	Recent
	(Carnarechininae)	Recent	Recent	<i>Carnarechinus</i> Mironov, 1978, p. 209	Recent	Recent
	Urechinina incertae sedis			<i>Basseaster</i> Lambert, 1936a, p. 25	Maastrichtian	L Paleocene
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Spatangoida	Aeropsidae [Aeropidae]	Paleocene	Recent	<i>Aeropsis</i> Mortensen, 1907, p. 90	Recent	Recent
				<i>Sphenaster</i> Jeffery, in Smith et al., 1999, p. 131	L Paleocene	L Paleocene
	Antillasterinae	M Eocene	M Miocene	<i>Antillaster</i> Lambert, 1909a, p. 168	M Eocene	M Miocene
				<i>Moronaster</i> Sanchez Roig, 1952b, p. 13	Eocene	Eocene
	Asterostomatidae	Eocene	Eocene	<i>Asterostoma</i> L. Agassiz, in Agassiz & Desor, 1847, p. 168	Eocene	Eocene
				<i>Stomaporus</i> Cotteau, 1888, p. 977	Eocene	Eocene
	Brissidae [Brissina]	M Eocene	Recent	<i>Brissus</i> Gray, 1825, p. 431	M Eocene	Recent
				<i>Anabrissus</i> Mortensen, 1950b, p. 161	Recent	Recent

			<i>Taimanawa</i> Henderson & Fell, 1969, p. 3	Oligocene	Recent
			<i>Schizobrissus</i> Pomel, 1869, p. 13	Eocene	U Miocene
			<i>Idiobryssus</i> H.L. Clark, 1939, p. 173	Recent	Recent
			<i>Metalia</i> Gray, 1855, p. 51	Miocene	Recent
			<i>Rhynobrissus</i> A. Agassiz, 1872, p. 58	Recent	Recent
			<i>Rhabdobrissus</i> Cotteau, 1889a, p. 281	U Miocene	Recent
			<i>Meoma</i> Gray, 1851b, p. 131	M Eocene	Recent
			<i>Plagiobrissus</i> Pomel, 1883, p. 29	U Eocene	Recent
			<i>Anametalia</i> Mortensen, 1950b, p. 161	Recent	Recent
			<i>Neopneustes</i> Duncan, 1889, p. 258	Recent	Recent
			<i>Peraspatangus</i> Philip & Foster, 1971, p. 689	L Miocene	M Miocene
Brissopsidae	U Eocene	Recent	<i>Brissopsis</i> L. Agassiz, in Agassiz & Desor, 1847, p. 14	U Eocene	Recent
			<i>Kleinia</i> Gray, 1851b, p. 133	L Oligocene	Recent
Corasterinae	Coniacian	Paleocene	<i>Coraster</i> Cotteau, 1886, p. 69	Campanian	U Paleocene
			<i>Lambertiaster</i> Gauthier, 1892, p. 28	Camp./Maast.	Maastrichtian
			<i>Cordastrum</i> Nisiyama, 1968, p. 175	U Cretaceous	U Cretaceous
			<i>Cottreaucorys</i> Lambert, 1920b, p. 168	Coniacian	L Paleocene
			<i>Physaster</i> Pomel, 1883, p. 47	Cenomanian	Cenomanian
			<i>Homoeaster</i> Pomel, 1883, p. 44	Coniacian	L Paleocene
			<i>Orthaster</i> Moskvina, 1982, p. 103	Campanian	U Paleocene
Cyclasterinae	Maastrichtian	Recent	<i>Cyclaster</i> Cotteau, in Leymerie & Cotteau, 1856, p. 345	Maastrichtian	Recent
			<i>Isaster</i> Desor, 1858, p. 359	Maastrichtian	Paleocene
			<i>Isopatagus</i> Mortensen, 1948c, p. 113	Recent	Recent
Echinocardiidae	L Miocene	Recent	<i>Echinocardium</i> Gray, 1825, p. 430	L Miocene	Recent
Enichasterinae	Oligocene	Oligocene	<i>Enichaster</i> de Loriol, 1882, p. 30	Oligocene	Oligocene
Eupatangidae	L Eocene	Recent	<i>Eupatagus</i> L. Agassiz, in Agassiz & Desor, 1847, p. 9	L Eocene	Recent
[Brissoidesinae]					
Eurypataginae	Miocene	Recent	<i>Eurypatagus</i> Mortensen, 1948c, p. 133	Recent	Recent
			<i>Platybrissus</i> Grube, 1866, p. 61	Miocene	Recent

Hemiasteridae	Aptian	Recent	<i>Elipneustes</i> Koehler, 1914, p. 213	Recent	Recent
			<i>Linopneustes</i> A. Agassiz, 1881, p. 167	Recent	Recent
			<i>Paramaretia</i> Mortensen, 1950b, p. 160	Recent	Recent
			<i>Hemiaster</i> Desor,		
			in Agassiz & Desor, 1847, p. 16	Albian	Paleocene
			<i>Leymeriaster</i> Lambert & Thiéry, 1924, p. 500	Cenomanian	Maastrichtian
			<i>Palhemiaster</i> Lambert, 1915, p. 155	Aptian	U Albian
			<i>Jordaniaster</i> Neumann, 1999, p. 176	Cenomanian	Cenomanian
			<i>Heterolampas</i> Cotteau, 1862, p. 72	Campanian	Campanian
			<i>Mecaster</i> Pomel, 1883, p. 42	Cenomanian	Maastrichtian
			<i>Kupeia</i> McKnight, 1974, p. 37	Recent	Recent
			<i>Bolbaster</i> Pomel, 1869, p. 15	Turonian	U Miocene
			<i>Proraster</i> Lambert, 1895, p. 256	Campanian	Maastrichtian
			<i>Holanthus</i> Lambert & Thiéry, 1924, p. 505	Maastrichtian	Recent
			<i>Leiostomaster</i> Lambert, 1920b, p. 162	Campanian	Recent
Lovéniidae	M Eocene	Recent	<i>Lovénia</i> Desor, in Agassiz & Desor, 1847, p. 10	U Oligocene	Recent
			<i>Laevipatagus</i> Noetling, 1885, p. 211	U Eocene	U Eocene
			<i>Gualtieria</i> Desor,		
			in Agassiz & Desor, 1847, p. 10	M Eocene	L Oligocene
			<i>PseudoLovénia</i> A. Agassiz &		
			Clark, 1907b, p. 255	Recent	Recent
			<i>Hemipatagus</i> Desor, 1858, p. 416	M Eocene	L Miocene
			<i>Semipetalon</i> Szörényi, 1963, p. 193	U Eocene	U Eocene
			<i>Atelospatangus</i> Koch, 1885, p. 115	M Eocene	U Eocene
			<i>Breynia</i> Desor, in Agassiz & Desor, 1847, p. 12	Oligocene	Recent
[Breyninae] Macropneustidae	L Eocene	Recent	<i>Macropneustes</i> L. Agassiz,		
			in Agassiz & Desor, 1847, p. 8	M Eocene	Miocene
			<i>Archaechinus</i> Kier, 1957, p. 891	L Eocene	L Eocene
			<i>Argopatagus</i> A. Agassiz, 1879, p. 209	Recent	Recent
			<i>Hypsopatagus</i> Pomel, 1883, p. 31	U Eocene	Oligocene
[Megapneustinae]	L Eocene	Pliocene	<i>Megapneustes</i> Gauthier,		

			in Fourtau, 1900, p. 678	L Eocene	Oligocene
			<i>Trachypatagus</i> Pomel, 1869, p. 11	U Eocene	Pliocene
			<i>Pharaonaster</i> Lambert, 1920b, p. 168	L Eocene	L Eocene
Maretiidae	M Eocene	Recent	<i>Maretia</i> Gray, 1855, p. 48	M Eocene	Recent
			<i>Mariania</i> Airaghi, 1901, p. 211	L Miocene	L Miocene
			<i>Pycnolampas</i> A. Agassiz & Clark, 1907b, p. 252	Recent	Recent
			<i>Gymnopatagus</i> Döderlein, 1901, p. 22	Recent	Recent
			<i>Mazettia</i> Lambert & Thiéry, in Lambert, 1915, p. 192	M Miocene	U Miocene
			<i>Spatagobrissus</i> H.L. Clark, 1923, p. 402	M Miocene	Recent
			<i>Granobrissoides</i> Lambert, 1920b, p. 168	U Oligocene	Recent
			<i>Homolampas</i> A. Agassiz, 1874, p. 137	Recent	Recent
			<i>Hemimaretia</i> Mortensen, 1950b, p. 160	Recent	Recent
			<i>Nacospatangus</i> A. Agassiz, 1873, p. 189	Recent	Recent
Micrasteridae	Barremian	U Eocene	<i>Micraster</i> L. Agassiz, 1835, p. 184	Turonian	L Paleocene
			<i>Diplodetus</i> Schlueter, 1900, p. 364	Campanian	L Paleocene
			<i>Plesiaster</i> Pomel, 1883, p. 42	Santonian	L Paleocene
			<i>Gibbaster</i> Gauthier, 1887, p. 381	Turonian	Campanian
			<i>Pseudogibbaster</i> Moskvina, 1983, p. 111	L Paleocene	U Paleocene
			<i>Habanaster</i> Lambert, in Sánchez Roig, 1924, p. 11	U Eocene	U Eocene
			<i>Turanglaster</i> Solovjev & Melikov, 1963, p. 44	Campanian	Campanian
			<i>Epiaster</i> d'Orbigny, 1853, p. 186	Barremian	Cenomanian
			<i>Sogdiaster</i> Egorov, 1972, p. 59	Senonian	Senonian
Ovulasteridae	Senonian	Paleocene	<i>Ovulaster</i> Cotteau, 1884, p. 37	Senonian	L Paleocene
Palaeostomatidae	L Eocene	Recent	<i>Palaeostoma</i> Lovén, in A. Agassiz, 1872, p. 147	Eocene	Recent
			<i>Sarsiaster</i> Mortensen, 1950b, p. 157	Recent	Recent
			<i>Ditremaster</i> Munier-Chalmas, 1885, p. 1076	L Eocene	Pliocene
			<i>Trachyaster</i> Pomel, 1869, p. 14	Pliocene	Pliocene
Palaeotropidae	M Miocene	Recent	<i>Palaeotropus</i> Lovén, 1874, p. 17	Recent	Recent

			<i>Paleotrema</i> Koehler, 1914, p. 45	Recent	Recent
			<i>Scrippsechinus</i> Allison, Durham & Mintz, 1967, p. 16	Recent	Recent
			<i>Palaeobrissus</i> A. Agassiz, 1883, p. 56	M Miocene	Recent
Paleopneustidae	Miocene	Recent	<i>Paleopneustes</i> A. Agassiz, 1873, p. 223	Miocene	Recent
			<i>Plesiozonus</i> de Meijere, 1902, p. 12	Recent	Recent
Periasteridae	Cenomanian	Cenomanian	<i>Periaster</i> d'Orbigny, 1854, p. 269	Cenomanian	Cenomanian
Pericosmidae	L Eocene	Recent	<i>Pericosmus</i> L. Agassiz, in Agassiz & Desor, 1847, p. 19	L Eocene	Recent
			<i>Faorina</i> Gray, 1851b, p. 132	Recent	Recent
Plesiasteridae	Santonian	Paleocene	<i>Plesiaster</i> Pomel, 1883, p. 42	Santonian	Paleocene
Prenasteridae	Maastrichtian	Recent	<i>Prenaster</i> Desor, 1853, p. 279	L Eocene	Recent
			<i>Tripylus</i> Philippi, 1845, p. 344	Paleocene	Recent
			<i>Holcopneustes</i> Cotteau, 1889c, p. 33	Maastrichtian	Oligocene
			<i>Anisaster</i> Pomel, 1886, p. 612	U Eocene	L Miocene
			<i>Agassizia</i> Valenciennes, 1846 pl. 1 fig. 2	M Eocene	Recent
			<i>Peribrissus</i> Pomel, 1869, p. 13	L Miocene	M Miocene
			<i>Antiquobrissus</i> Szörényi, 1955, p. 126	U Cretaceous	U Cretaceous
Schizasteridae	Maastrichtian	Recent	<i>Schizaster</i> L. Agassiz, 1835, p. 185	L Eocene	Recent
			<i>Hemifaorina</i> Jeannet & Martin, 1937, p. 289	U Miocene	U Miocene
			<i>Opissaster</i> Pomel, 1883, p. 37	L Eocene	Pliocene
			<i>Ova</i> Gray, 1825, p. 431	Eocene	Recent
			<i>Caribbaster</i> Kier, 1984b, p. 67	M Eocene	U Eocene
			<i>Protenaster</i> Pomel, 1883, p. 36	U Eocene	Recent
			<i>Diploporaster</i> Mortensen, 1950b, p. 160	U Eocene	Recent
			<i>Schizopneustes</i> Thiéry, 1907, p. 64	L Paleocene	L Paleocene
			<i>Gregoryaster</i> Lambert, 1907, p. 59	Maastrichtian	L Miocene
			<i>Abatus</i> Troschel, 1851, p. 72	L Eocene	Recent
			<i>Tripylaster</i> Mortensen, 1907, p. 122	Recent	Recent
			<i>Aceste</i> Thomson, 1877, p. 376	Recent	Recent
			<i>Moiropsis</i> A. Agassiz, 1881, p. 205	Miocene	Recent

			<i>Moiria</i> A. Agassiz, 1872, p. 146	Miocene	Recent
			<i>Aguayoaster</i> Sanchez Roig, 1952b, p. 10	M Eocene	U Eocene
			<i>Hypseleraster</i> H.L. Clark, 1917, p. 185	Eocene	Recent
[Brisasterinae]	Maastrichtian	Recent	<i>Brisaster</i> Gray, 1855, p. 61	Maastrichtian	Recent
			<i>Linthia</i> Desor, 1853, p. 278	Campanian	Pliocene
Somaliasteridae	Campanian	Paleocene	<i>Somaliaster</i> Hawkins, 1935, p. 53	Camp./Maast.	Camp./Maast.
			<i>Iranaster</i> Cotteau & Gauthier, 1895, p. 26	Camp./Maast.	Camp./Maast.
			<i>Brightonia</i> Kier, 1957, p. 871	U Paleocene	U Paleocene
			<i>Leviechinus</i> Kier, 1957, p. 873	U Paleocene	U Paleocene
Spatangidae	Eocene	Recent	<i>Spatangus</i> Gray, 1825, p. 430	L Oligocene	Recent
			<i>Plethotaenia</i> H.L. Clark, 1917, p. 233	Recent	Recent
			<i>Granopatus</i> Lambert, 1915, p. 193	Eocene	Recent
Toxasteridae	Valanginian	Turonian	<i>Toxaster</i> L. Agassiz, 1840a, p. 15	Valanginian	Aptian
			<i>Washitaster</i> Lambert, 1927, p. 271	Albian	Albian
			<i>Miotoxaster</i> Pomel, 1883, p. 44	Hauterivian	Albian
			<i>Pliotoxaster</i> Fourtau, 1908, p. 140	Aptian	Cenomanian
			<i>Macraster</i> Roemer, 1888, p. 191	Albian	Turonian
			<i>Niponaster</i> Lambert, 1920b, p. 168	Senonian	Maastrichtian
			<i>Aphelaster</i> Lambert, 1920b, p. 156	Berriasian	Hauterivian
			<i>Somalechinus</i> Checchia-Rispoli, 1945, p. 85	Cenomanian	Cenomanian
Paleopneustina	Eocene	Recent	<i>Heterobrissus</i> Manzoni &		
Incertae sedis B			Mazzetti, 1878, p. 354	Oligocene	Recent
			<i>Pygospatangus</i> Cotteau, 1888, p. 977	Eocene	Eocene
			<i>Genopatus</i> A. Agassiz, 1879, p. 210	Recent	Recent
			<i>Megapetalus</i> H.L. Clark, 1929, p. 257	U Miocene	Pliocene
			<i>Brachysternaster</i> Larrain, 1985, p. 121	Recent	Recent
			<i>Amphipneustes</i> Koehler, 1900, p. 817	Recent	Recent
Paleopneustina					
Incertae sedis A	Paleocene	Recent	<i>Hemigymnia</i> Arnaud, 1898, p. 118	L Paleocene	U Paleocene
			<i>Schizocosmus</i> Markov, 1990, p. 54	Recent	Recent
			<i>Eopericosmus</i> Markov & Solovjev, 2001, p. 16	Paleocene	Oligocene

	Incertae sedis			<i>Adetaster</i> Lambert, 1895, p. 162	Eocene	Eocene
				<i>Cheopsia</i> Fourtau, 1909, p. 149	Eocene	Eocene
				<i>Mauritanaster</i> Lambert, 1920b, p. 164	L Eocene	L Eocene
				<i>Polydesmaster</i> Lambert, 1920b, p. 164	Cenomanian	Turonian
	Unifasciidae	M Eocene	M Eocene	<i>Unifascia</i> Cooke, 1959, p. 79	M Eocene	M Eocene
Arbacioida	Acropeltinae	Callovian	Paleocene	<i>Acropeltis</i> L. Agassiz, 1838, p. 4	Callovian	Tithonian
				<i>Goniopygus</i> L. Agassiz, 1838, p. 19	Tithonian	L Paleocene
				<i>Mimiosalenia</i> Smith, 1995, p. 147	Maastrichtian	Maastrichtian
	[Glyphopneustidae] Arbaciidae	Cenomanian	Maastrichtian	<i>Glyphopneustes</i> Pomel, 1869, p. 40	Cenomanian	Maastrichtian
				<i>Arbacia</i> Gray, 1835, p. 58	Miocene	Recent
		Barremian	Recent	<i>Arbaciella</i> Mortensen, 1910a, p. 327	L Paleocene	Recent
				<i>Podocidaris</i> A. Agassiz, 1869, p. 258	U Eocene	Recent
				<i>Dialithocidaris</i> A. Agassiz, 1898, p. 75	Recent	Recent
				<i>Habrocidaris</i> A. Agassiz & Clark, 1907b, p. 234	Recent	Recent
				<i>Pygmaeocidaris</i> Döderlein, 1905, p. 621	Recent	Recent
				<i>Codiopsis</i> L. Agassiz, in Agassiz & Desor, 1846, p. 357	Barremian	L Paleocene
				<i>Coelopleurus</i> L. Agassiz, 1840a, p. 12 19	M Eocene	Recent
				<i>Tetrapygus</i> L. Agassiz, 1841b, p. 7	Recent	Recent
				<i>Arbia</i> Cooke, 1948, p. 606	U Oligocene	L Miocene
				<i>Baueria</i> Noetling, 1885, p. 184	L Paleocene	Eocene
	Glypticidae	Toarcian	Kimmeridgian	<i>Glypticus</i> L. Agassiz, 1840b, p. 95	Callovian	Kimmeridgian
				<i>Atopechinus</i> Thiéry, in Thiéry, Lambert & Collignon, 1928, p. 100	Toarcian	Bathonian
				<i>Pleiocyphus</i> Pomel, 1883, p. 82	Oxfordian	Oxfordian
				<i>Pleurodiadema</i> de Loriol, in Desor & de Loriol, 1870, p. 196	Bathonian	Kimmeridgian
				<i>Acrosaster</i> Lambert, 1910b, p. 6	Callovian	Callovian
				<i>Brochechinus</i> Lambert & Thiéry, 1908, p. 21	Oxfordian	Kimmeridgian

Phymosomatoida	Diplopodiidae	Aalenian	Cenomanian	<i>Diplopodia</i> McCoy, 1848, p. 412	Aalenian	Oxfordian
				<i>Strictotiara</i> Lambert & Thiéry, 1925, p. 564	Aptian	Cenomanian
				<i>Tetragramma</i> L. Agassiz, 1838, p. 4	Oxfordian	Turonian
				<i>Tiaromma</i> Pomel, 1883, p. 105	Albian	Cenomanian
	Emiratiidae [Emiratidae]	Toarcian	Cenomanian	<i>Emiratia</i> Ali, 1990, p. 103	Albian	Cenomanian
				<i>Colpotiara</i> Pomel, 1883, p. 105	Oxfordian	Oxfordian
				<i>Polydiadema</i> Lambert, 1888, p. 13	Toarcian	Cenomanian
				<i>Loriolia</i> Neumayr, 1881b, p. 570	Neocomian	Albian
	Phymosomatidae	Callovian	U Eocene	<i>Allomma</i> Pomel, 1883, p. 105	L Albian	Cenomanian
				<i>Phymosoma</i> Haime, in d'Archiac & Haime, 1853, p. 197	Callovian	L Paleocene
	Phymosomatids incertae sedis			<i>Kachchhia</i> Srivastava, Gupta & Jauhri, 2008, p. 107	M Eocene	M Eocene
				<i>Gauthieria</i> Lambert, 1888, p. 7	Cenomanian	Paleocene
				<i>Narindechinus</i> Lambert, 1933, p. 30	U Eocene	U Eocene
				<i>Actinophyma</i> Cotteau & Gauthier, 1895, p. 96	Campanian	Maastrichtian
				<i>Acanthechinus</i> Duncan & Sladen, 1882b, p. 34	U Paleocene	U Eocene
				<i>Cosmocyphus</i> Pomel, 1883, p. 91	Campanian	L Paleocene
				<i>Diplotagma</i> Schlüter, 1870, p. 132	U Cretaceous	U Cretaceous
				<i>Pliocyphosoma</i> Pomel, 1883, p. 90	Santonian	Campanian
				<i>Trochalosoma</i> Lambert, 1897, p. 515	Maastrichtian	U Paleocene
				<i>Winkleria</i> Engel, 1964, p. 207	Maastrichtian	Maastrichtian
	Stomopneustoida	Stomopneustidae	Bajocian	<i>Plistophyma</i> Péron & Gauthier, in Cotteau, Péron & Gauthier, 1881, p. 177	Campanian	Maastrichtian
				<i>Gomphechinus</i> Pomel, 1883, p. 90	Campanian	Maastrichtian
				<i>Stomopneustes</i> L. Agassiz, 1841b, p. 7	Recent	Recent
				<i>Phymotaxis</i> Lambert & Thiéry, 1914, p. 253	Bathonian	Maastrichtian
				<i>Phymechinus</i> Desor, 1856, p. 133	Bajocian	Maastrichtian
				<i>Triadechinus</i> H.L. Clark, in Arnold & H.L. Clark, 1927, p. 20	M Eocene	M Eocene

	Glyptocidaridae	Eocene	Recent	<i>Glyptocidaris</i> A. Agassiz, 1864, p. 356	Eocene	Recent
	Stomechinidae	Toarcian	Eocene	<i>Stomechinus</i> Desor, 1856, p. 124	Aalenian	Aptian
				<i>Tiarechinopsis</i> Lambert, 1936b, p. 119	Bajocian	Bajocian
				<i>Echinotiara</i> Pomel, 1883, p. 83	Toarcian	Maastrichtian
				<i>Thierychinus</i> Lambert, 1910b, p. 5	Bajocian	Bajocian
				<i>Polycyphus</i> L. Agassiz,		
				in Agassiz & Desor, 1846, p. 361	Bathonian	Callovian
				<i>Magnosia</i> Michelin, 1853, p. 34	Bajocian	Aptian
				<i>Eucosmechinus</i> Lambert & Thiéry, 1914, p. 270	Oxfordian	Valanginian
				<i>Diplechinus</i> Lambert, 1931a, p. 15	Pliensbachian	Pliensbachian
				<i>Baronechinus</i> Vadet, 2005, p. 29	Pliensbachian	Pliensbachian
				<i>Codechinus</i> Desor, 1856, p. 111	Aptian	Eocene
stem (Calycina + Echinacea)	Hemicidaridae	Toarcian	Valanginian	<i>Hemicidaris</i> L. Agassiz, 1838, p. 3	Toarcian	Valanginian
	Pseudocidaridae	Pliensbachian	Aptian	<i>Pseudocidaris</i> Pomel, 1883, p. 95	Pliensbachian	Aptian
	Pseudodiadematidae	Rhaetian	Albian	<i>Pseudodiadema</i> McCoy, 1848, p. 412	Oxfordian	Aptian
				<i>Acrocidaris</i> L. Agassiz, 1840b, p. 101	Bathonian	Valanginian
				<i>Hessotiara</i> Pomel, 1883, p. 97	Bathonian	Oxfordian
				<i>Stereopyga</i> Pomel, 1883, p. 102	Rhaetian	Toarcian
Echinacea incertae sedis	Circopeltinae	Turonian	Coniacian	<i>Circopeltis</i> Pomel, 1883, p. 81	Turonian	Coniacian
Stem group						
Echinacea	Orthopsidae	Bathonian	Maastrichtian	<i>Orthopsis</i> Cotteau, 1864, p. 550	Bathonian	Maastrichtian
				<i>Pseudorthopsis</i> Sanchez Roig, 1949, p. 37	Maastrichtian	Maastrichtian
Cidaroida	Cidaridae	Bajocian	recent	<i>Cidaris</i> Leske, 1778, p. 74	Recent	Recent
				<i>Plegiocidaris</i> Pomel, 1883, p. 109	Bajocian	Aptian
				<i>Acanthocidaris</i> Mortensen, 1903b, p. 21	Recent	Recent
				<i>Almucidaris</i> Blake & Zinsmeister, 1991, p. 632	Maastrichtian	Maastrichtian
				<i>Calocidaris</i> H.L. Clark, 1907, p. 211	Recent	Recent

			<i>Centrocidaris</i> A. Agassiz, 1904, p. 32	Recent	Recent
			<i>Chondrocidaris</i> A. Agassiz, 1863, p. 18	U Miocene	Recent
			<i>Eucidaris</i> Pomel, 1883, p. 109	Oligocene	Recent
			<i>Hesperocidaris</i> Mortensen, 1928b, p. 73	Recent	Recent
			<i>Phyllacanthus</i> Brandt, 1835, p. 267	U Oligocene	Recent
			<i>Plococidaris</i> Mortensen, 1909, p. 51	Miocene	Recent
			<i>Prionocidaris</i> A. Agassiz, 1863, p. 18	Albian	Recent
			<i>Stylocidaris</i> Mortensen, 1909, p. 52	Miocene	Recent
			<i>Tretocidaris</i> Mortensen, 1903b, p. 28	Recent	Recent
			<i>Triassicidaris</i> Smith, 1994, p. 184	Norian	Norian
			<i>Cyathocidaris</i> Lambert, 1910a, p. 12	Santonian	Paleocene
Ctenocidarinae	Paleocene	Recent	<i>Ctenocidaris</i> Mortensen, 1910b, p. 3	Danian	Recent
			<i>Eurocidaris</i> Mortensen, 1909, p. 3	Recent	Recent
			<i>Aporocidaris</i> A. Agassiz & Clark, 1907a, p. 36	Recent	Recent
			<i>Notocidaris</i> Mortensen, 1909, p. 17	Recent	Recent
			<i>Rhynchocidaris</i> Mortensen, 1909, p. 5	Recent	Recent
			<i>Homalocidaris</i> Mortensen, 1928b, p. 67	Recent	Recent
Diplocidaridae	Pliensbachian	Valanginian	<i>Diplocidaris</i> Desor, 1855, p. 44	Pliensbachian	Valanginian
			<i>Tetracidaris</i> Cotteau, 1872, p. 163	Valanginian	Valanginian
Goniocidarinae	Maastrichtian	Recent	<i>Goniocidaris</i> Desor, in Agassiz & Desor, 1846, p. 337	Maastrichtian	Recent
			<i>Austrocidaris</i> H.L. Clark, 1907, p. 212	M Eocene	Recent
			<i>Ogmocidaris</i> Mortensen, 1921, p. 151	Recent	Recent
			<i>Psilocidaris</i> Mortensen, 1927, p. 282	Recent	Recent
			<i>Rhopalocidaris</i> Mortensen, 1927, p. 272	Recent	Recent
			<i>Schizocidaris</i> Mortensen, 1903b, p. 25	Recent	Recent
Histocidaridae	Cenomanian	Recent	<i>Histocidaris</i> Mortensen, 1903b, p. 22	Cenomanian	Recent
Miocidaridae	L Permian	Bajocian	<i>Miocidaris</i> Döderlein, 1887, p. 40	Scythian	Carnian
			<i>Lenticidaris</i> Kier, 1968b, p. 1000	Spathian	Spathian
			<i>Eotiaris</i> Lambert, 1900, p. 41	L Permian	Kazanian
			<i>Couvelardicidaris</i> Vadet, 1991, p. 97	Pliensbachian	Bajocian

				<i>Procidaris</i> Pomel, 1883, p. 109	Carnian	Pliensbachian
				<i>Leurocidaris</i> Kier, 1977b, p. 20	Carnian	Carnian
	Polycidaridae	Carnian	Albian	<i>Polycidaris</i> Quenstedt, 1858, p. 644	Carnian	Albian
				<i>Zbindenicidaris</i> Vadet, 1991, p. 133	Rhaetian	Bajocian
				<i>Nudicidaris</i> Vadet, 1991, p. 113	Bathonian	Albian
				<i>Paracidaris</i> Pomel, 1883, p. 109	Oxfordian	Kimmeridgian
				<i>Anisocidaris</i> Thiéry, 1928, p. 180	Bajocian	Kimmeridgian
				<i>Alpicidaris</i> Lambert, 1910b, p. 4	Hauterivian	Hauterivian
	Psychocidaridae	Toarcian	Recent	<i>Psychocidaris</i> Ikeda, 1935, p. 386	Recent	Recent
				<i>Sardocidaris</i> Lambert, 1907, p. 22	Maastrichtian	Miocene
				<i>Roseicidaris</i> Vadet, 1991, p. 86	Toarcian	Toarcian
				<i>Balanocidaris</i> Lambert, 1910a, p. 4	Oxfordian	Tithonian
				<i>Caenocidaris</i> Thiéry, 1928, p. 180	Aalenian	Bajocian
				<i>Oedematocidaris</i> Smith & Wright, 1989, p. 33	Cenomanian	Maastrichtian
				<i>Tylocidaris</i> Pomel, 1883, p. 109	U Albian	U Paleocene
	Rhabdocidaridae	Aalenian	Miocene	<i>Rhabdocidaris</i> Desor, 1855, p. 39	Aalenian	Kimmeridgian
				<i>Porocidaris</i> Desor, 1855, p. 46	L Eocene	M Eocene
				<i>Laurenticidaris</i> Vadet, 1991, p. 143	Aalenian	Bajocian
				<i>Fellius</i> Cutress, 1980, p. 116	Eocene	Miocene
	Stereocidaridae	Aptian	Recent	<i>Stereocidaris</i> Pomel, 1883, p. 110	Aptian	Recent
				<i>Hirudocidaris</i> Smith & Wright, 1989, p. 78	U Albian	Campanian
				<i>Phalacrocidaris</i> Lambert, 1902, p. 26	Cenomanian	Recent
				<i>Temnocidaris</i> Cotteau, 1863, p. 355	Campanian	L Paleocene
				<i>Sinaecidaris</i> Fourtau, 1921, p. 9	Aptian	Aptian
	[Typocidaridae]			<i>Typocidaris</i> Pomel, 1883, p. 111	Aptian	Aptian
	Triadotiaridae	Anisian	Ladinian	<i>Triadotiaris</i> Hagdorn, 1995, p. 250	Anisian	Ladinian
<hr/>						
Aspido- diadematoidea	Aspidodiadematidae	Pliensbachian	Recent	<i>Aspidodiadema</i> A. Agassiz, 1878, p. 188	Recent	Recent
				<i>Plesiodiadema</i> Pomel, 1883, p. 106	Recent	Recent
				<i>Gymnotiara</i> Pomel, 1883, p. 101	Pliensbachian	Oxfordian

				<i>Culozoma</i> Vadet & Slowik, 2001, p. 35	Bajocian	Bajocian
Diadematoida	Diadematidae	Santonian	Recent	<i>Diadema</i> Gray, 1825, p. 426	Recent	Recent
				<i>Echinothrix</i> Peters, 1853, p. 484	Recent	Recent
				<i>Astropyga</i> Gray, 1825, p. 426	Recent	Recent
				<i>Lissodiadema</i> Mortensen, 1903c, p. 393	Recent	Recent
				<i>Chaetodiadema</i> Mortensen, 1903a, p. 1	Recent	Recent
				<i>Goniodiadema</i> Mortensen, 1939, p. 549	Recent	Recent
				<i>Eremopyga</i> A. Agassiz & Clark, 1908, p. 110	Recent	Recent
				<i>Centrostephanus</i> Peters, 1855, p. 109	Santonian	Recent
	Heterodiadematidae	Sinemurian	Toarcian	<i>Eodiadema</i> Duncan, 1889, p. 81	Sinemurian	Toarcian
		Bathonian	Maastrichtian	<i>Heterodiadema</i> Cotteau, 1862, p. 75	Cenomanian	Cenomanian
				<i>Trochodiadema</i> de Loriol, 1900, p. 70	Aptian	Maastrichtian
				<i>Monodiadema</i> de Loriol, 1890, p. 58	Bathonian	Kimmeridgian
				<i>Farquharsonia</i> Currie, 1927, p. 416	Bathonian	Callovian
Micropygoida	Micropygidae	L Eocene	Recent	<i>Micropyga</i> A. Agassiz, 1879, p. 200	Recent	Recent
				<i>Kierechinus</i> Philip, 1963a, p. 1104	L Eocene	L Eocene
	Pelanodiademinae	Bajocian	Bajocian	<i>Pelanodiadema</i> Hess, 1972, p. 42	Bajocian	Bajocian
Echinothurioida	Echinothuriidae	M Miocene	Recent	<i>Echinothuria</i> Woodward, 1863, p. 327	Santonian	L Paleocene
				<i>Retzneiosoma</i> Kroh, 2005, p. 14	M Miocene	M Miocene
				<i>Hapalosoma</i> Mortensen, 1903b, p. 64	Recent	Recent
				<i>Asthenosoma</i> Grube, 1868, p. 42	Recent	Recent
				<i>Calveriosoma</i> Mortensen, 1934, p. 163	Recent	Recent
				<i>Araeosoma</i> Mortensen, 1903b, p. 53	Pliocene	Recent
	Hygrosomatinae	Recent	Recent	<i>Hygrosoma</i> Mortensen, 1903b, p. 59	Recent	Recent
	Kamptosomatidae	Recent	Recent	<i>Kamptosoma</i> Mortensen, 1903b, p. 60	Recent	Recent
	Paraphormosomatinae	Recent	Recent	<i>Paraphormosoma</i> Mortensen, 1934, p. 162	Recent	Recent
	Pelanechinidae	Oxfordian	Oxfordian	<i>Pelanechinus</i> Keeping, 1878, p. 924	Oxfordian	Oxfordian
	Phormosomatidae	Recent	Recent	<i>Phormosoma</i> Thomson, 1872b, p. 493	M Miocene	Recent

	Sperosomatinae	Recent	Recent	<i>Sperosoma</i> Koehler, 1897, p. 304	Recent	Recent
Pedinoida	Pedinidae	Rhaetian	Recent	<i>Pedina</i> L. Agassiz, 1838, p. 4 <i>Caenopedina</i> A. Agassiz, 1869, p. 256 <i>Diademopsis</i> Desor, 1855, p. 79 <i>Echinopedina</i> Cotteau, 1866, p. 117 <i>Hemipedina</i> Wright, 1855, p. 95 <i>Leiopedina</i> Cotteau, 1866, p. 114 <i>Leptocidaris</i> Quenstedt, 1858, p. 644 <i>Palaeopedina</i> Lambert, 1900, p. 22 <i>Phymopedina</i> Pomel, 1883, p. 100 <i>Pseudopedina</i> Cotteau, 1858, p. 9 <i>Thieulinipedia</i> Vadet et al., 1996, p. 43	Bajocian Bajocian Rhaetian L Eocene Pliensbachian Eocene Oxfordian Hettangian Bathonian Bajocian Callovian	Kimmeridgian Recent Sinemurian U Eocene Bathonian Eocene Oxfordian Sinemurian Tithonian Oxfordian Callovian
stem group						
Cidaroida	Paurocidaridae Serpianotiaridae Tiarechinidae Triadocidaridae	Carnian Anisian Carnian Carnian	Carnian Carnian Carnian Nornian	<i>Paurocidaris</i> Kier, 1977b, p. 18 <i>Serpianotiaris</i> Jeannet, 1933, p. 1 <i>Tiarechinus</i> Neumayr, 1881a, p. 169 <i>Triadocidaris</i> Döderlein, 1887, p. 39 <i>Levicidaris</i> Kier, 1977b, p. 21 <i>Megaporocidaris</i> Kier, 1977b, p. 22 <i>Mikrocidaris</i> Döderlein, 1887, p. 39 <i>Parvicidaris</i> Smith, 1994, p. 194 <i>Vinchuscanchaia</i> Smith, 1994, p. 193 <i>Zardinechinus</i> Kier, 1977b, p. 16	Carnian Anisian Carnian Carnian Carnian Carnian Carnian U Triassic U/L Triassic Carnian	Carnian Carnian Carnian Carnian Carnian Carnian U Triassic U/L Jurassic Nornian
Salenioida	Acrosaleniidae	Hettangian	Maastrichtian	<i>Acrosalenia</i> L. Agassiz, 1840b, p. 38 <i>Metacrosalenia</i> Currie, 1925, p. 55 <i>Milnia</i> Haime, 1849, p. 217 <i>Heterosalenia</i> Cotteau, 1861, p. 96 <i>Polysalenia</i> Mortensen, 1932, p. 490	Hettangian Bathonian Callovian Bathonian Campanian	Tithonian Callovian Valanginian Maastrichtian Campanian

			<i>Prosalenia</i> Vadet et al., 1996, p. 84	Callovian	Callovian
Holosaleniini	Cenomanian	Campanian	<i>Holosalenia</i> Smith & Wright, 1990, p. 130	Cenomanian	Campanian
Hyposaleniinae	Oxfordian	Cenomanian	<i>Hyposalenia</i> Desor, 1856, p. 147	Tithonian	L Paleocene
			<i>Goniophorus</i> L. Agassiz, 1838, p. 30	U Albian	Cenomanian
			<i>Poropeltaris</i> Quenstedt, 1875, p. 242	Oxfordian	Oxfordian
Pseudosaleniidae	Oxfordian	Cenomanian	<i>Pseudosalenia</i> Cotteau, 1859, p. 22	Oxfordian	Cenomanian
Saleniidae	Barremian	Recent	<i>Salenia</i> Gray, 1835, p. 58	Barremian	Recent
			<i>Salenidia</i> Pomel, 1883, p. 94	U Albian	Santonian
			<i>Novasalenia</i> Zítt & Geys, 2003, p. 24	Cenomanian	Cenomanian
			<i>Bathysalenia</i> Pomel, 1883, p. 94	Albian	Recent
			<i>Leptosalenia</i> Smith & Wright, 1990, p. 134	Aptian	Cenomanian
			<i>Pleurosalenia</i> Pomel, 1883, p. 94	Campanian	U Eocene
			<i>Platysalenia</i> Smith & Wright, 1990, p. 167	Albian	Albian
Salenocidarini	L Paleocene	Recent	<i>Salenocidaris</i> A. Agassiz, 1869, p. 254	L Paleocene	Recent
stem Echinoidea	Archaeocidaridae		<i>Archaeocidaris</i> McCoy, 1844, p. 173	Tournasian	Missourian