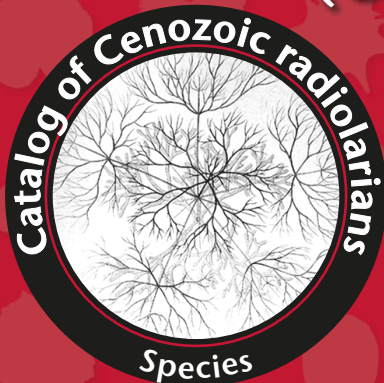


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## Inventory of Cenozoic radiolarian species (Class Polycystinea) – 1834-2020



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# Inventory of Cenozoic radiolarian species (Class Polycystinea) – 1834-2020

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## ABSTRACT

This paper presents, for the first time ever, a complete list of Cenozoic Polycystinea reported between 1834 and 2020. It records 6898 names of taxa originally described as new species or subspecies, assigned to the Class of Polycystinea, the most important group in the infraphylum Radiolaria. This list only attempts to provide an objective record of available and unavailable names, the latter including *nomina oblita*, *nomina nuda*, homonyms, invalid nomenclatorial acts, species wrongly described as Polycystinea and *nomina dubia* species with inexistent name-bearing specimens.

## RÉSUMÉ

*Inventaire des espèces de radiolaires du Cénozoïque (Classe des Polycystinea) – 1834-2020.*

Cet article présente, pour la première fois, une liste complète des Polycystinea du Cénozoïque décrits entre 1834 et 2020. Elle contient 6898 noms de taxons, décrits à l'origine comme des nouvelles espèces ou sous-espèces attribuées à la Classe des Polycystinea, le groupe le plus étendu de l'infrarbranchement Radiolaria. Cette liste vise donc à fournir un état objectif des noms disponibles et non disponibles, ces derniers comprenant donc des *nomina oblita*, *nomina nuda*, homonymes, actes de nomenclature invalides, des espèces décrites et mal assignées aux Polycystinea et des *nomina dubia* dépourvus de types porte-noms.

## KEY WORDS

Radiolaria,  
Cénozoïque,  
taxonomic revision,  
systematics,  
biostratigraphy,  
type species.

## MOTS CLÉS

Radiolaires,  
Cénozoïque,  
révision taxinomique,  
système, systématique,  
espèces types,  
biostratigraphie.



## OBJECTIVES

Following the publications of the Inventories of Paleozoic and Mesozoic radiolarian species (O'Dogherty 2009; Aitchison *et al.* 2017) there was general consensus that it could be useful to provide a similar document of Cenozoic radiolarians for the next generation of researchers.

Here, we present a comprehensive list of all the Cenozoic polycystine species, of which we are aware, that were described between 1834 and 2020. Our intention is to provide in a single, although long file, the names of all nominal species published from Cenozoic material, as well as those present in the living plankton. All names listed are those given in their original publications, with the exception of those for which the spelling was corrected according to Art. 32.5 of the International Code of Zoological Nomenclature (ICZN 1999).

Although, the number of polycystine species described for the Cenozoic is 6898, including those taxa wrongly described as Polycystinea (75 species), this inventory records up to 7588 names (Table 1). The reason for this lies in the complexity of the Cenozoic taxonomy that is obviously limited by the great number of species introduced during the second half of the nineteenth-century. In absence of a formal code ruling the taxonomic acts in zoological nomenclature at the time, it was quite frequent to present a short diagnosis (usually in Latin) in a preliminary publication before illustrating the type and this is true either for the genus or for the species-group taxa. Sometimes, the first publication of a binomial name was prematurely presented in a table-list or through the text. As such, recorded names in old publications are often regarded as *nomina nuda* or premature names. These particular aspects lead us to include some duplicate (or even triplicate) records for the same taxon in this inventory. The only purpose for doing so is to provide the basic foundation of the species concept, to be specific, to fix a clear indication toward the description and the illustration of the name-bearing specimen.

Usually, the description of a new species (or subspecies) involves both the description and the illustration of the types, that is, all those specimens included by the author during the formal description of the taxon. However, many taxa described by Ernst Haeckel in 1887, in his Report on Radiolaria, were described without any illustration or information of the name-bearing specimen. This particular aspect, the lack of objective evidences for the real existence of the type material for the species, disrupt the taxonomic studies developed after the pioneering work of Riedel (1957a), who proved the stratigraphical value of this group of microfossils. However, the origin of this arduous problem is rather attributed to the taxonomic revision made by Campbell (1954), who assigned unfigured (and objectively inexistent) name-bearing specimens as the types of hundreds of genera; perhaps unwittingly of the taxonomic consequences of his nomenclatorial acts.

During the last 10 years every attempt has been made by us to be as thorough as possible; however, there is an inevitable chance that some taxa may be omitted in this inventory. The purpose of this master list is to provide information on: a) the order to which the species or sub-species belongs; b) the

revised taxonomic status; c) the indication of the illustration and/or description of the species; d) the species typologies used in this revision (see Table 2); e) the indication of premature names or synonyms if the taxa were not erected following certain provisions of the Code; f) the taxonomic status of the type species (see Table 3); g) the original Linnean combination used when the species was erected as new; h) the author(s) and page(s) of the description; and i) the age of the type series or of the name-bearing type as originally published. Note that in some cases there may have been considerable revision of the original age assignment, in particular many samples studied by Haeckel containing reworked assemblages (see Aita *et al.* 2009); these ages are presented between square brackets.

## COMPILATION OF SPECIES NAMES

The documentary work across the bibliographic database maintained by the authors of this article (O'Dogherty *et al.* 2012) involved the selection of *c.* 800 references that deal with new species or subspecies names. The complete list of these publications is given in the references with additional references dealing with the synonymies that are used to define the stratigraphic occurrence of the species. Such an objective indication to the species ages is a good starting point for future studies. The species names were compiled in a database with their corresponding type-bearing specimens (holotypes, lectotypes, paratypes or syntypes). Both bibliographic and taxonomic databases were both master tools of this research.

## FUTURE WORK

We have made a step forward which had not been done in previous radiolarian catalogues published in *Geodiversitas*. This final thematic volume presents a taxonomic revision of the full list of species listed in this inventory. We have only made an objective evaluation of each species with respect to its taxonomic status and its subjective assignment to the valid genera fixed in the Cenozoic catalogue (O'Dogherty *et al.* 2021); and, thus, synonyms among the available species names are not included as they are beyond the scope of this project. Species are grouped in single files with each one corresponding to their current valid genus assignment. These result from the several week-long workshops held through the last five years. This was obviously a task-consuming work process and it would be impossible that they contain no mistakes due to the huge number of revised taxa. In any case, they might constitute a basic standard for taxonomy and stratigraphy of the Cenozoic (Suzuki *et al.* 2021). The results are presented as supplements in four zipped packages containing a set of files for all validated genera (409 taxa); the supplements are available whether they be grouped by family in the Cenozoic catalogue (O'Dogherty *et al.* 2021: appendix 1, [https://doi.org/10.5852/geodiversitas2021v43a21\\_appendix1](https://doi.org/10.5852/geodiversitas2021v43a21_appendix1)) or by valid genera (O'Dogherty *et al.* 2021: appendix 2, [https://doi.org/10.5852/geodiversitas2021v43a21\\_appendix2](https://doi.org/10.5852/geodiversitas2021v43a21_appendix2)).

TABLE 1. — This table objectively summarizes the general result of the whole data gathered in the inventory. The “species name” refers to the number of Cenozoic taxa (species or subspecies) that have been named since their first description by Meyen (1834) of *Sphaerozoum fuscum*, a colonial Collodaria. In this table two intervals (1834-1959 and 1960-2020) are differentiated to stress the huge contribution of new Cenozoic species during the initial stage in the research of radiolarians. The pioneering work of Riedel (*Reports of the Swedish Deep-Sea Expedition, 1957*) proved the stratigraphic value of this group and, at the same time, marked a point of inflection in the taxonomy and stratigraphy of Cenozoic Polycystinea. Currently, the most salient data on this table is the daunting contribution of Ernst Haeckel, emanating from the works that followed the *Challenger Expedition (1872–1876)*. Nonetheless, the “actual amount” of new species is too small if we take into account the high number of species that were never illustrated. From a semantic point of view the Latin term “*dubium*” means uncertain, but according to the International Code of Zoological nomenclature it is an available name. Nevertheless, the availability of a doubtful, or even unfigured type only destabilizes the taxonomy. For that reason, the *dubia* taxa should not be counted in the total of available species names; especially, those whose types were never figured or stored in a scientific institution. (\*), It must be emphasized that, the term “available” in taxonomy does not mean “valid”. This inventory does not provide a revision on the validity from a synonymy point of view. This is actually beyond the scope of this review and hence; “available”, includes both senior and junior synonyms without distinction. From a “juridical” point of view, a taxon name without name-bearing specimens or other alternative leading to their existence (e.g. study notes, slides codes, registration evidences, etc.), do not provide objective evidences for the real existence of the type for the species. The “Principles” in the Introduction of the International Code of Zoological Nomenclature expressly state that: “*The device of name-bearing types allows names to be applied to taxa without infringing upon taxonomic judgment*”. As the “Principle” has superiority over all the articles, any articles in lower branches of the introductory principles violating the Principle must not be taken into consideration. For this reason, all the taxonomic acts using an “un-illustrated species” violates the Principle once again. (\*\*), These entries do not include those *dubia* or *nuda* taxa that are either homonyms or erroneously described as Polycystinea.

	Haeckel 1861-1887	Ehrenberg 1839-1876	rest of authors 1834-1959	subtotal 1834-1959	subtotal 1960-2020	Total
<i>Nomen nudum</i> **	5	55	22	82	37	119
<i>Nomen oblitum</i>	–	1	–	1	–	1
Homonyms (17 n.d.; 1 n.n.)	5	–	21	26	6	32
Invalid	4	–	–	4	–	4
Not Polycystinea (2 n.d.; 5 n.n.)	20	13	39	72	4	76
<b>UNAVAILABLE</b>	<b>34</b>	<b>69</b>	<b>82</b>	<b>185</b>	<b>47</b>	<b>232</b>
<i>Nomen dubium</i> ** (with figure)	182	40	503	725	221	946
<i>Nomen dubium</i> ** (without figure)	1612	38	103	1753	4	1757
<b>AVAILABLE*</b> (without n. <i>dubia</i> )	<b>1147</b>	<b>367</b>	<b>1020</b>	<b>2534</b>	<b>1429</b>	<b>3963</b>
<b>SPECIES NAMES</b>	<b>2975</b>	<b>514</b>	<b>1708</b>	<b>5197</b>	<b>1702</b>	<b>6898</b>

TABLE 2. — Total count of species name are recorded in this inventory (7588). The name-bearing specimens are those in red (6898); the green items are some supplementary records for a same taxon. Its only purpose is to facilitate the recovery of the “basic elements” founding the species concept, that is, the description and the illustration of the name-bearing specimen. Typology of species names presented in this inventory: **S**, species with figured type and description in the same publication; **Sø**, species having only a description or diagnosis but lacking at all a name-bearing specimen (no illustration or reference to a repository); the type can be regarded as inexistent; **Sf**, type figured shortly afterward the first description of the species; **Sn**, a new replacement name for a type that is a junior homonym; **Su**, first publication of the species name before the publication of the type; **Sd**, a later formal description of a previously figured specimen; **Sp**, is a premature name to be regarded as *nomen nudum*, but being described and figured later on. (\*), Taxa that were erroneously described as Polycystinea at the time of their generic publication.

Typology of species names presented in this inventory	Not		
	Polycystinea	Polycystinea*	Total
described but type inexistent	<b>S</b> 4451	32	4483
later illustration n. nov.	<b>Sø</b> 1833	22	1855
	<b>Sf</b> 538	21	559
	<b>Sn</b> 1	0	1
	<b>6823</b>	<b>75</b>	<b>6898</b>
early description	<b>Su</b> 517	19	536
later description	<b>Sd</b> 24	2	26
premature	<b>Sp</b> 127	1	128
	<b>7491</b>	<b>97</b>	<b>7588</b>

In the same way, the group of species whose types can be regarded as inexistent, meaning they only have a description or diagnosis but lack a name-bearing specimen, are not included in any of the appendices. However, those species regarded as *nomina dubia* and *nomina nuda* are included in O’Dogherty *et al.* 2021: appendix 3 ([https://doi.org/10.5852/geodiversitas2021v43a21\\_appendix3](https://doi.org/10.5852/geodiversitas2021v43a21_appendix3)). Similarly, those taxa that were erroneously described as Polycystinea are in O’Dogherty

TABLE 3. — Outcome for the different categories of name-bearing species – the type species for the genus-group – result from this revision. This table shows in two different rows, one whose types were figured and described in the same publication (**S**); the other, whose types were only illustrated with some years of delay after the diagnosis (**Sf**). The most common procedure was first, a short diagnosis or description, and later the illustration of the type; sometimes including an actualized or extended description. The columns display the number of types recognized for each taxonomic status assigned in this revision abbreviations for the type species: **T**, valid type; **Ts**, type that is synonym; **Td**, type that is considered as *nomen dubium*; **Tn**, type that is considered as *nomen nudum*; **To**, type that is considered as *nomen oblitum*; **Th**, type that is a junior homonym; **Ti**, types related to invalid nomenclatorial acts; **Tw**, taxa erroneously described as Polycystinea but belonging to different taxonomic phylum or class.

	Name-bearing species (type species)							
	T	Ts	Td	Tn	To	Th	Ti	Tw
Figured & described <b>S</b>	<b>1130</b>	314	398	389	6	–	–	4
Figured afterward <b>Sf</b>	<b>164</b>	80	56	12	–	1	9	4
Total	<b>1294</b>	394	454	401	6	1	9	8

*et al.* 2021: appendix 4 ([https://doi.org/10.5852/geodiversitas2021v43a21\\_appendix4](https://doi.org/10.5852/geodiversitas2021v43a21_appendix4)).

In summary, this paper is intended as a homage to the pioneering radiolarian scientists who in spite of disposing of very limited scientific instruments in their daily work, they placed the foundation that allowed this inventory to be realized nearly two centuries later. We are living through difficult times for basic science, especially in the field of natural history; however, we hope that the work presented in this special issue will have the benefit of providing a better-defined starting point for future taxonomists. To illustrate how knowledge is an end in itself – although it is not seen as a practical application from

the beginning of the research – the following quote illustrates, fortunately, how scientists are only concerned with what they investigate as opposed to thinking of its practical utilities.

INVENTORY ABBREVIATIONS

List of abbreviations used in this inventory; from left to right columns:

*Order (O)*

C	Collodaria;
E	Entactinaria;
N	Nassellaria;
S	Spumellaria;
W	Taxa wrongly described as Polycystinea.

*Status*

hom	homonym;
nd	<i>nomen dubium</i> ;
nn	<i>nomen nudum</i> ;
no	<i>nomen oblitum</i> .

*Figure (F)*

1	original illustration;
0	unfigured.

*Description (D)*

1	original description;
0	no description.

*Name-bearing specimens typology (F)*

S	species with figured type and description in the same publication;
Sø	species having only a description or diagnosis but lacking entirely a name-bearing specimen (no illustration or reference to a repository); the type can be regarded as inexistent;
Sf	type figured shortly afterward the first description of the species;

Sn	a new replacement name for a type that is a junior homonym;
Su	first publication of the species name before the publication of the type;
Sd	a later formal description of a previously figured specimen;
Sp	is a premature name to be regarded as <i>nomen nudum</i> , although it was described and figured later on).

*Synonymy (SYN)*

syn	2 <sup>nd</sup> or 3 <sup>rd</sup> species name citation having only figure or description;
pre	premature name; first citation of the name.

*Type*

T	valid type;
Ts	type that is considered synonym;
Td	type that is considered as <i>nomen dubium</i> ;
Th	type that is a junior homonym;
Ti	type species that are invalid names;
Tn	type considered as <i>nomen nudum</i> ;
To	type considered as <i>nomen oblitum</i> ;
Tw	type wrong described as Polycystinea.

*Original combination*

Original binomial citation of the species with correction of wrongly spelled names.

*Authorship*

Name, year and page number for the species citation.

*Age*

Chronostratigraphic occurrence assigned in the original publication. This field is empty when no information is provided in the original publication. Subseries/subepoch scheme for the Paleogene and for the Neogene are described in [Appendix 1](#).

*“While the hemlock was being prepared, Socrates was learning a melody on the flute. “What use will that be to you?,” he was asked. “At least I will learn this melody before I die.”*

Italo Calvino, *Why Read the Classics?*

## Inventory of Cenozoic Polycystinea species (1834-2020).

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S		Ts	<i>Acanthobotrys multispina</i> Popofsky, 1913: 316	Living
N	nd	0	1	Sø			<i>Acanthocorys buetschli</i> Haeckel, 1887: 1262	[Eocene]
N		1	1	S			<i>Acanthocorys castanoides</i> Tan & Tchang, 1976: 309	Living
N	nd	0	1	Sø		Td	<i>Acanthocorys dodecaster</i> Haeckel, 1887: 1264	[Quaternary]
N	nd	0	1	Sø			<i>Acanthocorys enneapodia</i> Haeckel, 1887: 1263	[Quaternary]
N	nd	0	1	Sø			<i>Acanthocorys furcata</i> Haeckel, 1887: 1264	[Quaternary]
N	nd	0	1	Sø		Td	<i>Acanthocorys hexapodia</i> Haeckel, 1887: 1262	[Quaternary]
N		1	1	S		T	<i>Acanthocorys macroceras</i> Haeckel, 1887: 1264	[Quaternary]
N	nd	0	1	Sø			<i>Acanthocorys macropodia</i> Haeckel, 1887: 1262	Living
N	nd	0	1	Sø			<i>Acanthocorys polypodia</i> Haeckel, 1887: 1264	[Quaternary]
N	nd	0	1	Sø			<i>Acanthocorys pristipodia</i> Haeckel, 1887: 1262	[Quaternary]
N	nd	0	1	Sø			<i>Acanthocorys triloba</i> Haeckel, 1887: 1263	[Quaternary]
N		1	1	S			<i>Acanthocorys variabilis</i> Popofsky, 1913: 360	Living
N		1	1	S			<i>Acanthodesmia arcuata</i> Harting, 1863: 12	[Quaternary]
N	nd	0	1	Sø			<i>Acanthodesmia ceratospyrus</i> Haeckel, 1887: 976	[Quaternary]
N		1	1	S			<i>Acanthodesmia corona</i> Haeckel, 1887: 976	Living
N		1	1	S			<i>Acanthodesmia dumetum</i> Müller, 1859b: 30	Living
N		1	1	S			<i>Acanthodesmia hertwigi</i> Bütschli, 1882b: 499	[Eocene]
N	nd	1	1	S			<i>Acanthodesmia inermis</i> Harting, 1863: 12	[Quaternary]
N	nd	0	1	Sø			<i>Acanthodesmia muelleri</i> Haeckel, 1887: 976	Living
N	nd	1	1	S			<i>Acanthodesmia polybrocha</i> Haeckel, 1865: 357, 368	Living
N	nd	0	1	Su			<i>Acanthodesmia prismatium</i> Haeckel, 1861a: 799	Living
N	nd	1	0	Sf	syn	Td	<i>Prismatium tripleurum</i> Haeckel, 1862: 270	Living
W		1	1	S			<i>Acanthometra (Astrolithium) astraforme</i> Campbell & Clark, 1944: 32	e. Late Miocene
W		0	1	Su			<i>Acanthometra alata</i> Müller, 1856: 497	Living
W		1	0	Sf	syn		<i>Acanthometra alata</i> Müller, 1859b: 48	Living
N		0	1	Su			<i>Acanthometra arachnoides</i> Claparède, 1855: 675	Living
N		1	0	Sf	syn	T	<i>Plagiacantha arachnoides</i> Claparède & Lachmann, 1858: 462	Living
W	nd	0	1	Sø			<i>Acanthometra cataphracta</i> Müller, 1856: 498	Living
W		0	1	Su			<i>Acanthometra costata</i> Müller, 1856: 498	Living
W		1	0	Sf	syn		<i>Acanthometra costata</i> Müller, 1859b: 49	Living
W		1	1	S			<i>Acanthometra cruciata</i> Müller, 1859b: 49	Living
W		0	1	Su			<i>Acanthometra dichotoma</i> Müller, 1856: 499	Living
W		1	0	Sf	syn		<i>Acanthometra dichotoma</i> Müller, 1859b: 50	Living
W		0	1	Su			<i>Acanthometra elongata</i> Müller, 1856: 497	Living
W		1	0	Sf	syn		<i>Acanthometra elongata</i> Müller, 1859b: 47	Living
W		0	1	Su			<i>Acanthometra? fenestrata</i> Ehrenberg, 1873a: 300	Holocene
W		1	0	Sf	syn		<i>Acanthometra? fenestrata</i> Ehrenberg, 1873b: 284-285	Holocene
W	nd	0	1	Sø			<i>Acanthometra furcata</i> Müller, 1856: 499	Living
W		0	1	Su			<i>Acanthometra fusca</i> Müller, 1856: 497	Living
W		1	0	Sf	syn		<i>Acanthometra fusca</i> Müller, 1859b: 47	Living
W		1	1	S			<i>Acanthometra lanceolata</i> Müller, 1859b: 48	Living
W	nd	0	1	Sø			<i>Acanthometra longispina</i> Seguenza, 1880: 233	[Early Pliocene]
W		0	1	Su			<i>Acanthometra mucronata</i> Müller, 1856: 498	Living
W		1	0	Sf	syn		<i>Acanthometra mucronata</i> Müller, 1859b: 49	Living
W		0	1	Su			<i>Acanthometra multispina</i> Müller, 1855a: 249	Living
W		1	0	Sf	syn	Te	<i>Acanthometra multispina</i> Müller, 1859b: 47	Living
W		0	1	Su			<i>Acanthometra ovata</i> Müller, 1856: 497	Living
W		1	0	Sf	syn		<i>Acanthometra ovata</i> Müller, 1859b: 47	Living
W		0	1	Su			<i>Acanthometra pectinata</i> Müller, 1856: 497	Living
W		1	0	Sf	syn		<i>Acanthometra pectinata</i> Müller, 1859b: 48	Living
W		0	1	Su			<i>Acanthometra pellucida</i> Müller, 1856: 496	Living
W		1	0	Sf	syn		<i>Acanthometra pellucida</i> Müller, 1859b: 47	Living
W		0	1	Su			<i>Acanthometra quadridentata</i> Müller, 1856: 497	Living
W		1	0	Sf	syn		<i>Acanthometra quadridentata</i> Müller, 1859b: 48	Living
W	nd	0	1	Sø			<i>Acanthometra regularis</i> Seguenza, 1880: 233	[Early Pliocene]
W		0	1	Su			<i>Acanthometra tetracopa</i> Müller, 1856: 496	Living
W		1	0	Sf	syn		<i>Acanthometra tetracopa</i> Müller, 1859b: 47	Living
S		1	1	S			<i>Acanthosphaera (Rhaphidocapsa) barbati</i> Campbell & Clark, 1944: 15	e. Late Miocene
S	nd	1	1	S			<i>Acanthosphaera (Rhaphidocapsa) stalactites</i> Clark & Campbell, 1945: 16	e. Middle Eocene
S	nd	1	1	S			<i>Acanthosphaera (Rhaphidocapsa) kreyenhausensis</i> Clark & Campbell, 1945: 16	e. Middle Eocene
S		1	1	S			<i>Acanthosphaera angulata</i> Haeckel, 1887: 216	[Quaternary]
S	nd	0	1	Sø			<i>Acanthosphaera antarctica</i> Haeckel, 1887: 214	[Quaternary]
S	nd	0	1	Sø			<i>Acanthosphaera arctica</i> Haeckel, 1887: 214	Living
S		1	1	S			<i>Acanthosphaera bernardi</i> Blueford, 1982: 195	e. Late Miocene-l. Late Miocene
S	nd	0	1	Sø			<i>Acanthosphaera brevispina</i> Haeckel, 1887: 215	[Early Miocene]
S	nd	0	1	Sø		Td	<i>Acanthosphaera capillaris</i> Haeckel, 1887: 214	Living
S	nd	1	1	S			<i>Acanthosphaera castanea</i> Haeckel, 1887: 211	Living
S	nd	1	1	S			<i>Acanthosphaera circopora</i> Popofsky, 1912: 97	Living
S		1	1	S			<i>Acanthosphaera clavata</i> Haeckel, 1887: 212	[Quaternary]



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	0	1	Sø			<i>Acanthosphaera compacta</i> Haeckel, 1887: 213	[Eocene]
S	nd	0	1	Sø			<i>Acanthosphaera conifera</i> Haeckel, 1887: 216	[Early Miocene]
S	nd	1	1	S			<i>Acanthosphaera corloca</i> Boltovskoy & Riedel, 1980: 107	Living
S		1	1	S			<i>Acanthosphaera dodecastyla</i> Mast, 1910: 156	Living
S	nn	0	0	Sp	pre		<i>Acanthosphaera elliptica</i> Ehrenberg, 1861a: 767	
S		0	1	Su			<i>Acanthosphaera elliptica</i> Ehrenberg, 1873a: 301	Holocene
S		1	0	Sf	syn		<i>Acanthometra elliptica</i> Ehrenberg, 1873b: 284-285	Holocene
S	nd	0	1	Sø			<i>Acanthosphaera enneacantha</i> Haeckel, 1887: 213	[Quaternary]
S	nd	0	1	Sø			<i>Acanthosphaera florida</i> Haeckel, 1887: 213	[Quaternary]
S	nd	0	1	Sø			<i>Acanthosphaera flosculenta</i> Haeckel, 1887: 211	Living
S		1	1	S			<i>Acanthosphaera formosa</i> Krasheninnikov, 1960: 277	Early Eocene
S	nd	0	1	Sø			<i>Acanthosphaera fortispina</i> Haeckel, 1887: 212	[Quaternary]
S	nd	1	1	S			<i>Acanthosphaera fusca</i> Popofsky, 1908: 211	Living
S	nd	0	1	Sø			<i>Acanthosphaera gibbosa</i> Haeckel, 1887: 216	Living
S	nd	1	1	S			<i>Acanthosphaera globosa</i> Popofsky, 1908: 211	Living
S	nd	0	1	Su			<i>Acanthosphaera haliphormis</i> Ehrenberg, 1862b: 295	Holocene
S	nd	1	0	Sf	syn	Td	<i>Acanthosphaera haliphormis</i> Ehrenberg, 1873b: 285	Holocene
S	nd	0	1	Sø			<i>Acanthosphaera heliacantha</i> Mast, 1910: 157	Living
S	nd	1	1	S			<i>Acanthosphaera hirsutissima</i> Haecker, 1908: 436	Living
S	nd	0	1	Sø			<i>Acanthosphaera longispina</i> Haeckel, 1887: 215	Living
S	nd	0	1	Sø			<i>Acanthosphaera macropora</i> Haeckel, 1887: 210	Living
S	nd	0	1	Sø			<i>Acanthosphaera marginata</i> Haeckel, 1887: 212	Living
S	nd	hom	1	1	S		<i>Acanthosphaera marginata</i> Popofsky, 1912: 96	Living
S	nd	0	1	Sø			<i>Acanthosphaera maxima</i> Haeckel, 1887: 216	[Quaternary]
S	nd	0	1	Sø			<i>Acanthosphaera micropora</i> Haeckel, 1887: 210	Living
S		1	1	S		T	<i>Acanthosphaera mucronata</i> Haeckel, 1887: 212	[Quaternary]
S	nd	0	1	Sø			<i>Acanthosphaera octahedralis</i> Haeckel, 1887: 213	[Quaternary]
S	nd	0	1	Sø			<i>Acanthosphaera pachyconcha</i> Mast, 1910: 157	Living
S		1	1	S			<i>Acanthosphaera parvula</i> Vinassa de Regny, 1900: 572	I. Early Miocene
S	nd	1	1	S			<i>Acanthosphaera pentagonalis</i> Popofsky, 1912: 96	Living
S		1	1	S			<i>Acanthosphaera pinchuda</i> Boltovskoy & Riedel, 1980: 108	Living
S	nd	1	1	S			<i>Acanthosphaera polyacerosa</i> Mamedov, 1973: 59	Late Eocene
S		1	1	S			<i>Acanthosphaera reticulata</i> Haeckel, 1887: 217	[Quaternary]
S		0	1	Su			<i>Acanthosphaera setosa</i> Ehrenberg, 1873a: 301	Holocene
S		1	0	Sf	syn		<i>Acanthosphaera setosa</i> Ehrenberg, 1873b: 284-285	Holocene
S		1	1	S			<i>Acanthosphaera simplex</i> Vinassa de Regny, 1900: 675	I. Early Miocene
S	nd	0	1	Sø			<i>Acanthosphaera spinosa</i> Mast, 1910: 156	Living
S	nd	0	1	Sø			<i>Acanthosphaera tenera</i> Stiasny, 1911: 493	Living
S	nd	0	1	Sø			<i>Acanthosphaera teneriformis</i> Jørgensen, 1900: 54	Living
S	nd	0	1	Sø			<i>Acanthosphaera tenuis</i> Haeckel, 1887: 210	[Quaternary]
S	nd	1	1	S			<i>Acanthosphaera tenuissima</i> var. Rezzo, 1922: 6	Living
S	nd	1	1	S			<i>Acanthosphaera trichophora</i> Cleve, 1900b: 5	Living
S		0	1	Su			<i>Acanthosphaera? zonaster</i> Ehrenberg, 1862b: 296	Holocene
S		1	0	Sf	syn		<i>Acanthosphaera zonaster</i> Ehrenberg, 1873b: 284-285	Holocene
S	nd	0	1	Sø		Td	<i>Acanthospongus minutus</i> Mast, 1910: 187	Living
N		1	1	S		Ts	<i>Acanthostephanus corona</i> Haeckel, 1879: 705	Living
N		1	1	S		Ts	<i>Acerahedrina hirta</i> Vinassa de Regny, 1900: 581	I. Early Miocene
N		1	1	S		Ts	<i>Acerocanium globosum</i> Vinassa de Regny, 1900: 581	I. Early Miocene
N		1	1	S		Ts Th	<i>Acrobotryssa cribosa</i> Popofsky, 1913: 322	Living
N		1	1	S			<i>Acrobotrys acuminata</i> Haeckel, 1887: 1115	[Quaternary]
N	nd	0	1	Sø			<i>Acrobotrys aquaria</i> Haeckel, 1887: 1114	[Quaternary]
N		1	1	S			<i>Acrobotrys auriculata</i> Haeckel, 1887: 1115	[Quaternary]
N		1	1	S			<i>Acrobotrys chelinobotrys</i> Takahashi, 1991: 134	Living
N		1	1	S		Ts	<i>Acrobotrys disolenia</i> Haeckel, 1887: 1114	[Quaternary]
N	nd	0	1	Sø		Td	<i>Acrobotrys monosolenia</i> Haeckel, 1887: 1114	Living
N	nd	0	1	Sø		Td	<i>Acrobotrys pentasolenia</i> Haeckel, 1887: 1115	[Quaternary]
N		1	1	S			<i>Acrobotrys teralans</i> Renz, 1976: 152	Living
N		1	1	S			<i>Acrobotrys tessarobon</i> Takahashi, 1991: 133	Living
N	nd	0	1	Sø		Td	<i>Acrobotrys tetrasolenia</i> Haeckel, 1887: 1115	[Quaternary]
N		1	1	S		Ts	<i>Acrobotrys trisolenia</i> Haeckel, 1887: 1115	[Quaternary]
N		1	1	S			<i>Acrobotrys tributus</i> Riedel, 1957a: 80	Late Miocene
N	nd	0	1	Sø			<i>Acrocubus amphistylus</i> Haeckel, 1887: 993	[Early Miocene]
N	nd	1	1	S			<i>Acrocubus amphitinctus</i> Haeckel, 1887: 995	[Quaternary]
N	nd	1	1	S		Td	<i>Acrocubus arcuatus</i> Haeckel, 1887: 993	[Quaternary]
N	nd	0	1	Sø			<i>Acrocubus brachiatus</i> Haeckel, 1887: 993	[Quaternary]
N	nd	1	1	S		Td	<i>Acrocubus cortina</i> Haeckel, 1887: 994	[Quaternary]
N	nd	0	1	Sø			<i>Acrocubus lasanum</i> Haeckel, 1887: 994	[Quaternary]
N		1	1	S		Ts	<i>Acrocubus octopylus</i> Haeckel, 1887: 993	[Quaternary]
N	nd	0	1	Sø			<i>Acrocubus tesseralis</i> Haeckel, 1887: 993	[Quaternary]
N	nd	0	1	Sø		Td	<i>Acrocubus tetrapodius</i> Haeckel, 1887: 994	[Quaternary]



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
C		1	1	S			<i>Acrosphaera arachnodictyna</i> Chen <i>et al.</i> , 2017: 271	Late Pleistocene
C		1	1	S			<i>Acrosphaera australis</i> Lazarus, 1990: 712	Miocene
C		1	1	S			<i>Acrosphaera collina</i> Haeckel, 1887: 101	Living
C		1	1	S			<i>Acrosphaera cuniculauris</i> Renaudie & Lazarus, 2012: 42	Late Miocene
C		1	1	S			<i>Acrosphaera echinoides</i> Haeckel, 1887: 100	Living
C	nd	0	1	S $\emptyset$			<i>Acrosphaera erinacea</i> Haeckel, 1887: 100	Living
C		1	1	S			<i>Acrosphaera inflata</i> Haeckel, 1887: 101	Living
C		1	1	S			<i>Acrosphaera? labrata</i> Lazarus, 1992: 793	Middle Late Miocene-Early Pliocene?
C		1	1	S			<i>Acrosphaera? mercurius</i> Lazarus, 1992: 794	Middle Miocene-Pliocene
C		1	1	S			<i>Acrosphaera murrayana hilmersi</i> Popofsky, 1917: 259	Living
C		1	1	S			<i>Acrosphaera muse</i> Kamikuri, 2010: 96	Middle Miocene-Pliocene?
C	nd	0	1	S $\emptyset$			<i>Acrosphaera pacifica</i> Hilmers, 1906: 67	Living
C		1	1	S			<i>Acrosphaera pseudarktius</i> Caulet, 1986b: 226	Late Pleistocene-Living
C		1	1	S			<i>Acrosphaera simpla</i> Hilmers, 1906: 68	Living
C		1	1	S			<i>Acrosphaera spinosa coniculispinga</i> Takahashi, 1991: 54	Living
C		1	1	S			<i>Acrosphaera spinosa fasciculopora</i> Caulet, 1986a: 849	Late Miocene
C		1	1	S			<i>Acrosphaera spinosa hamospinga</i> Caulet, 1986a: 848	Late Miocene
C		1	1	S			<i>Acrosphaera spinosa longispina</i> Takahashi, 1991: 53	Living
C		1	1	S			<i>Acrosphaera streblospinga</i> Caulet, 1986b: 226	Late Pleistocene
C		1	1	S			<i>Acrosphaera transformata</i> Hilmers, 1906: 59	Living
N		1	1	S		Ts	<i>Acrosphyris clathrocanium</i> Haeckel, 1887: 1085	[Quaternary]
N	nd	0	1	S $\emptyset$			<i>Acrosphyris dictyophimus</i> Haeckel, 1887: 1085	[Quaternary]
N	nd	0	1	S $\emptyset$			<i>Acrosphyris fragilis</i> Haeckel, 1887: 1086	Living
N		1	1	S			<i>Acrosphyris lingi</i> Shilov, 1995a: 110	e. Middle Miocene
N	nd	0	1	S $\emptyset$			<i>Acrosphyris macrocephala</i> Haeckel, 1887: 1086	[Eocene]
N	nd	0	1	S $\emptyset$			<i>Acrosphyris pyramidalis</i> Haeckel, 1887: 1086	[Eocene]
W	nd	0	1	S $\emptyset$			<i>Actinellus pallidus</i> Haeckel, 1865: 359, 364	Living
S		1	1	S			<i>Actinomma (Actinomma) miocenicum</i> Nakaseko, 1955: 87	I. Early Miocene
S		1	1	S			<i>Actinomma (Actinomma) yosii</i> Nakaseko, 1959a: 10	Holocene
E	hom	1	1	S			<i>Actinomma (Actinommilla) capillaceum</i> Nakaseko, 1959a: 11	Holocene
E		1	1	S			<i>Actinomma (Actinommilla) erinaceum</i> Nakaseko, 1959a: 12	Holocene
S	nd	1	1	S			<i>Actinomma (Actinommura) antarctica</i> Nakaseko, 1959a: 12	Holocene
S	nd	1	1	S			<i>Actinomma aculata</i> Lipman, 1953: 138	Middle Eocene
S		1	1	S			<i>Actinomma aculeatum</i> Stöhr, 1880: 92	[e. Late Miocene]
S		1	1	S			<i>Actinomma acusosum</i> Blueford, 1982: 194	I. Middle Miocene-e. Late Miocene
S	nd	0	1	S $\emptyset$			<i>Actinomma aequale</i> Mast, 1910: 169	Living
S		1	1	S			<i>Actinomma anomalum</i> Stöhr, 1880: 92	[e. Late Miocene]
S	nd	0	1	S $\emptyset$			<i>Actinomma anthomma</i> Haeckel, 1887: 252	Living
S		1	1	S			<i>Actinomma appenninicum</i> Carnevale, 1908: 18	e. Middle Miocene
E		1	1	S			<i>Actinomma arcadophorum</i> Haeckel, 1887: 255	Living
S		1	1	S			<i>Actinomma boreale</i> Cleve, 1899: 26	Living
S		1	1	S			<i>Actinomma brevispiculum</i> Popofsky, 1912: 103	Living
S		1	1	S			<i>Actinomma campilacantha</i> Caulet, 1991: 533	Early Oligocene-Late Oligocene
S		1	1	S		T	<i>Actinomma capillaceum</i> Haeckel, 1887: 255	Living
S	nd	0	1	S $\emptyset$			<i>Actinomma castanomma</i> Haeckel, 1887: 253	Living
S		1	1	S			<i>Actinomma cocles</i> Renaudie & Lazarus, 2013: 62	Late Oligocene-Late Pleistocene
E		1	1	S			<i>Actinomma comitatum</i> Chen & Tan, 1996: 259	Holocene
S	nd	1	1	S		Td	<i>Actinomma daturaeformis</i> Stöhr, 1880: 93	[e. Late Miocene]
S		1	1	S			<i>Actinomma denticulatum</i> Haeckel, 1887: 254	[Quaternary]
S	nd	0	1	S $\emptyset$			<i>Actinomma diacanthus</i> Seguenza, 1880: 231	Early Pliocene
S	nd	0	1	S $\emptyset$			<i>Actinomma dodecomma</i> Haeckel, 1887: 256	[Quaternary]
S		1	1	S			<i>Actinomma doratos</i> Tan & Chen, 1999: 179	Pleistocene-Living?
S		1	1	S			<i>Actinomma echinoideum</i> Carnevale, 1908: 17	e. Middle Miocene
S		1	1	S			<i>Actinomma elaborata</i> Kozlova in Kozlova & Gorbovetz, 1966: 61	Late Eocene
S		1	1	S			<i>Actinomma eldredgei</i> Renaudie & Lazarus, 2013: 62	Late Oligocene-I. Early Miocene
S	nd	1	1	S			<i>Actinomma ellipticum</i> Stöhr, 1880: 93	[e. Late Miocene]
S		1	1	S			<i>Actinomma eriosperma</i> Tan, 1993: 203	Living
S	nd	0	1	S $\emptyset$			<i>Actinomma facetum</i> Haeckel, 1887: 252	[Quaternary]
S	nd	1	1	S		Td	<i>Actinomma fenestratum</i> Stöhr, 1880: 94	[e. Late Miocene]
S		1	1	S			<i>Actinomma georgii</i> Kruglikova & Bjørklund in Kruglikova <i>et al.</i> , 2009: 38	Holocene
E		1	1	S			<i>Actinomma gigantea</i> Popofsky, 1912: 102	Living
S	nd	0	1	S $\emptyset$			<i>Actinomma giganteum</i> Haeckel, 1887: 256	[Eocene]
S		1	1	S			<i>Actinomma golownini</i> Petrushevskaya, 1975: 569	I. Late Miocene
S		1	1	S			<i>Actinomma haysi</i> Bjørklund, 1976b: 117	Holocene
S		1	1	S			<i>Actinomma henningsmoeni</i> Goll & Bjørklund, 1989: 728	e. Early Miocene
S	nd	1	1	S			<i>Actinomma heptacanthum</i> Mast, 1910: 169	Living
S		1	1	S			<i>Actinomma hexactis</i> Stöhr, 1880: 91	[e. Late Miocene]
S	nd	0	1	S $\emptyset$		Td	<i>Actinomma hexagonium</i> Haeckel, 1887: 252	Living
S	nd	0	1	S $\emptyset$			<i>Actinomma hirsutum</i> Haeckel, 1887: 255	[Quaternary]
S	nd	0	1	S $\emptyset$			<i>Actinomma hirtum</i> Seguenza, 1880: 231	Early Pliocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
E		1	1	S			<i>Actinomma holtedahli</i> Björklund, 1976a: 1121	I. Early Miocene-Middle Miocene
S		1	1	S			<i>Actinomma imperfecta</i> Popofsky, 1908: 215	Living
S	nd	1	1	S			<i>Actinomma intermedium</i> Mast, 1910: 169	Living
S	nn	1	0	S			<i>Actinomma japonica</i> Nakaseko in Nakaseko & Sugano, 1970	Holocene
S	nd	0	1	Sø			<i>Actinomma japonicum</i> Haeckel, 1887: 253	Living
S		1	1	S			<i>Actinomma kerguelenensis</i> Caulet, 1991: 531	Late Eocene-Late Oligocene
S		1	1	S			<i>Actinomma leptoderma longispina</i> Cortese & Björklund, 1998a: 153	Living
S		1	1	S			<i>Actinomma livae</i> Goll & Björklund, 1989: 728	Early Miocene
S		1	1	S			<i>Actinomma? magnifenestra</i> Lazarus, 1992: 795	Early Miocene-Middle Miocene
E		1	1	S			<i>Actinomma medianum</i> Nigrini, 1967: 27	Living
S		1	1	S			<i>Actinomma mediterranensis</i> Hollande & Enjument, 1960: 110	Living
S		1	1	S			<i>Actinomma medusa</i> $\beta$ Petrushevskaya, 1975: 568	Early Oligocene-Miocene
S		1	1	S			<i>Actinomma mirabile</i> Goll & Björklund, 1989: 729	e. Middle Miocene
S		1	1	S			<i>Actinomma multispinula</i> Su, 1982: 282	Living
S		1	1	S			<i>Actinomma nigrinia</i> Renaudie & Lazarus, 2012: 32	Middle Miocene-Late Pliocene
S	nd	1	1	S			<i>Actinomma octoacanthium</i> Carnevale, 1908: 18	e. Middle Miocene
S		1	1	S			<i>Actinomma okurai</i> Nakaseko & Nishimura, 1971: 68	Late Miocene-Early Pliocene?
S	nd	0	1	Sø			<i>Actinomma pachycapsa</i> Haeckel, 1887: 256	[Early Miocene]
S		1	1	S			<i>Actinomma pachyderma</i> Haeckel, 1887: 254	[Quaternary]
S		1	1	S			<i>Actinomma pellucidata</i> Chen <i>et al.</i> , 2017: 273	Late Pleistocene
S		1	1	S			<i>Actinomma plasticum</i> Goll & Björklund, 1989: 729	e. Middle Miocene
S	nd	0	1	Sø			<i>Actinomma pliogenicum</i> Seguenza, 1880: 231	Early Pliocene
S		1	1	S			<i>Actinomma polyceris</i> Chen <i>et al.</i> , 2017: 273	Late Pleistocene
S	nd	0	1	Sø			<i>Actinomma regulare</i> Mast, 1910: 168	Living
S		1	1	S			<i>Actinomma rotula</i> Stöhr, 1880: 91	[e. Late Miocene]
S		1	1	S			<i>Actinomma saccoi</i> Carnevale, 1908: 18	e. Middle Miocene
S		1	1	S			<i>Actinomma schwageri</i> Stöhr, 1880: 92	[e. Late Miocene]
S	nd	0	1	Sø			<i>Actinomma simplex</i> Seguenza, 1880: 231	Early Pliocene
S		1	1	S			<i>Actinomma? sol</i> Cleve, 1900b: 5	Living
S		1	1	S	Ts		<i>Actinomma spinigerum</i> Stöhr, 1880: 92	[e. Late Miocene]
E		1	1	S			<i>Actinomma staurotholonia</i> Popofsky, 1908: 215	Living
S	nd	0	1	Sø			<i>Actinomma stoehri</i> Seguenza, 1880: 231	Early Pliocene
S		1	1	S			<i>Actinomma tanyacantha</i> Chen, 1974: 480	Middle Miocene-Late Miocene
S		1	1	S			<i>Actinomma telarania</i> Renaudie & Lazarus, 2015: 183	Late Miocene-Early Pliocene
S		1	1	S			<i>Actinomma tetracanthum</i> Stöhr, 1880: 91	[e. Late Miocene]
S		1	1	S			<i>Actinomma turidae</i> Kruglikova & Björklund in Kruglikova <i>et al.</i> , 2009: 40	Holocene
S		1	1	S			<i>Actinomma undosa setigera</i> Kozlova in Kozlova & Gorbovetz, 1966: 1	Early Eocene
S		1	1	S	Ts		<i>Actinomma undosa undosa</i> Kozlova in Kozlova & Gorbovetz, 1966: 60	Early Eocene
E		1	1	S			<i>Actinosphaera oligocenica</i> Vitukhin, 1993: 86	Early Oligocene
C	nd	0	1	Sø	Td		<i>Actissa discoides</i> Haeckel, 1887: 15	Living
C		1	1	S			<i>Actissa elegans</i> Ludwig, 1908: 35, 63	Living
C	nd	0	1	Sø			<i>Actissa ellipsoides</i> Haeckel, 1887: 14	Living
C		1	1	S			<i>Actissa indica</i> Ludwig, 1908: 37, 70, 71	Living
C	nd	0	1	Sø	Td		<i>Actissa larcoides</i> Haeckel, 1887: 16	Living
C	nd	0	1	Sø			<i>Actissa lenticularis</i> Haeckel, 1887: 15	Living
C		1	1	S			<i>Actissa nigra</i> Ludwig, 1908: 31, 58	Living
C	nd	0	1	Sø			<i>Actissa phacoides</i> Haeckel, 1887: 15	Living
C		1	1	S			<i>Actissa princeps</i> Haeckel, 1887: 13	Living
C	nd	0	1	Sø			<i>Actissa prototypus</i> Haeckel, 1887: 13	Living
C	nd	0	1	Sø	Td		<i>Actissa prunooides</i> Haeckel, 1887: 14	Living
C	nd	0	1	Sø			<i>Actissa radiata</i> Haeckel, 1887: 14	Living
C		1	1	S			<i>Actissa rubra</i> Ludwig, 1908: 61	Living
C		1	1	S			<i>Actissa septentrionalis</i> Ludwig, 1908: 62	Living
C		1	1	S			<i>Actissa siciliensis</i> Ludwig, 1908: 71	Living
C		1	1	S			<i>Actissa similis</i> Ludwig, 1908: 65	Living
N		1	1	S			<i>Aegospyris aegoceras</i> Haeckel, 1887: 1054	[Quaternary]
N	nd	0	1	Sø	Td		<i>Aegospyris aequispina</i> Haeckel, 1887: 1053	[Quaternary]
N		1	1	S			<i>Aegospyris caprina</i> Haeckel, 1887: 1054	[Living]
N	nd	1	1	S			<i>Aegospyris? incertecoronata</i> Clark & Campbell, 1942: 58	e. Middle Eocene
N	nd	0	1	Sø			<i>Aegospyris octospina</i> Haeckel, 1887: 1053	[Quaternary]
N	nd	1	1	S			<i>Aegospyris? transitionalis</i> Clark & Campbell, 1942: 57	e. Middle Eocene
N		1	1	S			<i>Alacorys bismarcki</i> Haeckel, 1887: 1372	[Quaternary]
N		1	1	S	Ts		<i>Alacorys carcinus</i> Haeckel, 1887: 1375	[Quaternary]
N		1	1	S			<i>Alacorys dodecantha</i> Haeckel, 1887: 1375	Late Eocene
N	nd	0	1	Sø	Td		<i>Alacorys enneacantha</i> Haeckel, 1887: 1374	[Early Miocene]
N		1	1	S	Ts		<i>Alacorys friderici</i> Haeckel, 1887: 1372	[Living]
N	nd	0	1	Sø			<i>Alacorys gigas</i> Haeckel, 1887: 1374	[Eocene]
N		1	1	S			<i>Alacorys guilelmi</i> Haeckel, 1887: 1372	[Quaternary]
N	nd	0	1	Sø			<i>Alacorys hexacantha</i> Haeckel, 1887: 1373	[Quaternary]
N	nd	0	1	Sø			<i>Alacorys hexapleura</i> Haeckel, 1887: 1373	[Eocene]

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S		Ts	<i>Alacorys lutheri</i> Haeckel, 1887: 1370	[Quaternary]
N	nd	0	1	Sø			<i>Alacorys octacantha</i> Haeckel, 1887: 1374	[Quaternary]
N	nd	0	1	Sø			<i>Alacorys polyacantha</i> Haeckel, 1887: 1375	[Quaternary]
N		1	1	S		T	<i>Albatrossidium minzok</i> Sanfilippo & Riedel, 1992: 18	e. Middle Eocene
S		1	1	S		T Ti	<i>Amphiactura amphibrachia</i> Haeckel, 1887: 470	[Quaternary]
S	nd	0	1	Sø		Td	<i>Amphibrachium amphilonche</i> Haeckel, 1887: 517	[Quaternary]
S	nd	1	1	S			<i>Amphibrachium arduum</i> Gorbovetz, 1971: 35	Middle Eocene
S	nd	0	1	Sø			<i>Amphibrachium armatum</i> Haeckel, 1887: 518	[Quaternary]
S	nd	0	1	Sø			<i>Amphibrachium capitatum</i> Haeckel, 1887: 518	Living
S	nd	0	1	Sø		Td	<i>Amphibrachium clavula</i> Haeckel, 1887: 518	Living
S	nd	1	1	S		Td	<i>Amphibrachium dilatatum</i> Haeckel, 1887: 517	Living
S		1	1	S			<i>Amphibrachium gracilis</i> Lipman, 1972: 55	Middle Eocene
S	nd	0	1	Sø		Td	<i>Amphibrachium indicum</i> Haeckel, 1887: 518	Living
S	nd	0	1	Sø			<i>Amphibrachium lanceolatum</i> Haeckel, 1887: 517	[Quaternary]
S	nd	1	1	S			<i>Amphibrachium monstrosus</i> Popofsky, 1912: 135	Living
S		1	1	S			<i>Amphibrachium mugodscharicum</i> Lipman, 1953: 147	Middle Eocene
S		1	1	S			<i>Amphibrachium mugodscharicum acerosum</i> Gorbunov, 1979: 134	Middle Eocene
S		1	1	S			<i>Amphibrachium mugodscharicum carinatum</i> Gorbunov, 1979: 132	Middle Eocene
S		1	1	S			<i>Amphibrachium paleogenicum</i> Gorbunov, 1979: 130	Middle Eocene
S		1	1	S			<i>Amphibrachium planum</i> Lipman, 1980: 123	Middle Eocene
S	nd	0	1	Sø		Td	<i>Amphibrachium rhopalum</i> Hertwig, 1879: 190	Living
S		1	1	S			<i>Amphibrachium robustum</i> Vinassa de Regny, 1900: 577	l. Early Miocene
S	nd	0	1	Sø			<i>Amphibrachium sponguroides</i> Haeckel, 1887: 517	Living
S		1	1	S			<i>Amphicarydiscus fusoides</i> Lipman, 1972: 53	Middle Eocene
S		1	1	S		Ts	<i>Amphicarydiscus ovooides</i> Lipman, 1972: 51	Middle Eocene
S		1	1	S			<i>Amphicarydiscus tschelkarensis</i> Lipman, 1972: 54	Middle Eocene
N	nd	0	1	Su			<i>Amphicentria salpa</i> Ehrenberg, 1862b: 296	Holocene
N	nd	1	0	Sf	syn	Td	<i>Amphicentria salpa</i> Ehrenberg, 1873b: 284-285	Holocene
S	nd	1	1	S			<i>Amphicraspedum anomalum</i> Popofsky, 1912: 136	Living
S		1	1	S		T	<i>Amphicraspedum maclaganium</i> Haeckel, 1887: 523	Living
S		1	1	S		T	<i>Amphicraspedum murrayanum</i> Haeckel, 1887: 523	[Living]
S		1	1	S			<i>Amphicraspedum murrayanum</i> var. A Sanfilippo & Blome, 2001: 208	e. Middle Eocene
S		1	1	S			<i>Amphicraspedum praemurrayanum</i> Kozlova, 1999: 99	Late Paleocene-l. Middle Eocene
S		1	1	S			<i>Amphicraspedum prolixum</i> Sanfilippo & Riedel, 1973: 524	Early Eocene-Middle Eocene
S		1	1	S		Ts	<i>Amphicraspedum wyvilleanum</i> Haeckel, 1887: 523	Living
S		1	1	S			<i>Amphicyclia amphistylia</i> Haeckel, 1887: 464	Living
S		1	1	S		Ts	<i>Amphicyclia chronometra</i> Haeckel, 1887: 463	[Quaternary]
S		1	1	S			<i>Amphicyclia pachydiscus</i> Haeckel, 1887: 464	[Quaternary]
S		1	1	S			<i>Amphicyclia bispina</i> Tochilina, 1972: 133	Late Eocene
S		1	1	S			<i>Amphicyclia pentaspina</i> Tochilina, 1972: 136	Late Eocene
S		1	1	S			<i>Amphicyclia quadrispina</i> Tochilina, 1972: 135	Late Eocene
S		1	1	S			<i>Amphicyclia trispina</i> Tochilina, 1972: 135	Late Eocene
N		1	1	S			<i>Amphimelissa? hibernifortuna</i> Renaudie & Lazarus, 2012: 37	e. Late Miocene-Early Pliocene
N		1	1	S			<i>Amphiplecta acrostoma</i> Haeckel, 1887: 1223	[Quaternary]
N	nd	0	1	Sø		Td Ti	<i>Amphiplecta amphistoma</i> Haeckel, 1887: 1223	Living
N		1	1	S			<i>Amphiplecta callistoma</i> Haeckel, 1887: 1224	Living
N		1	1	S			<i>Amphiplecta cylindrocephala</i> Dumitrica, 1973a: 836	e. Early Pleistocene
N		1	1	S			<i>Amphiplecta? satoishii</i> Renaudie & Lazarus, 2015: 191	l. Middle Miocene-l. Late Miocene
N		1	1	S			<i>Amphiplecta tripleura</i> Funakawa, 1995a: 18	e. Early Miocene
S	nd	0	1	Sø		Td	<i>Amphipyle aceros</i> Haeckel, 1887: 641	[Quaternary]
S	nd	0	1	Sø			<i>Amphipyle amphiceros</i> Haeckel, 1887: 641	Living
S	nd	1	1	S			<i>Amphipyle amphiptera</i> Haeckel, 1887: 642	Living
S	nd	1	1	S			<i>Amphipyle aspera</i> Popofsky, 1912: 148	Living
S		1	1	S			<i>Amphipyle callizona</i> Haeckel, 1887: 644	[Quaternary]
S	nd	0	1	Sø			<i>Amphipyle cladoceros</i> Haeckel, 1887: 643	Living
S	nd	0	1	Sø			<i>Amphipyle decaceros</i> Haeckel, 1887: 643	Living
S	nd	0	1	Sø			<i>Amphipyle dodecaceros</i> Haeckel, 1887: 643	Living
S	nd	0	1	Sø			<i>Amphipyle hexaceros</i> Haeckel, 1887: 642	Living
S	nd	1	1	S			<i>Amphipyle horrida</i> Popofsky, 1912: 149	Living
S	nd	0	1	Sø			<i>Amphipyle octoceros</i> Haeckel, 1887: 643	Living
S	nd	0	1	Sø			<i>Amphipyle platyptera</i> Haeckel, 1887: 641	Living
S	nd	0	1	Sø			<i>Amphipyle stauroceros</i> Haeckel, 1887: 642	[Early Miocene]
S	nd	0	1	Sø			<i>Amphipyle stenoptera</i> Haeckel, 1887: 641	Living
S		1	1	S		Ts	<i>Amphipyle tetraceros</i> Haeckel, 1887: 642	Living
S	nd	0	1	Sø			<i>Amphipyronium octoceros</i> Haeckel, 1887: 657	[Quaternary]
S	nd	0	1	Sø		Td	<i>Amphipyronium semilunare</i> Haeckel, 1887: 656	[Quaternary]
S	nd	0	1	Sø			<i>Amphipyronium spinosissimum</i> Haeckel, 1887: 657	[Quaternary]
S	nd	0	1	Sø			<i>Amphipyronium tetraceros</i> Haeckel, 1887: 657	[Quaternary]
S	nd	0	1	Sø			<i>Amphirhopalum amphidicranum</i> Haeckel, 1887: 521	[Quaternary]
S		1	1	S			<i>Amphirhopalum bifidum</i> Carter, 1896b: 57	[Late Eocene]



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	0	1	Sø			<i>Amphirhopalum bigeminum</i> Haeckel, 1887: 522	Living
S		1	1	S		Ts	<i>Amphirhopalum echinatum</i> Haeckel, 1887: 522	[Quaternary]
S		1	1	S			<i>Amphirhopalum omalocladum</i> Caulet, 1986b: 226	Pleistocene
S		1	1	S			<i>Amphirhopalum praeypsilon</i> Sakai in Takayanagi <i>et al.</i> , 1979: 85	Early Pleistocene-Middle Pleistocene
S	nd	0	1	Sø		Td	<i>Amphirhopalum ximorphum</i> Haeckel, 1887: 521	Living
S		0	1	Su			<i>Amphirhopalum ypsilon</i> Haeckel, 1887: 522	Living
S		1	0	Sf	syn	Ts	<i>Amphirhopalum ypsilon</i> Nigrini, 1967: 35	Living
S	nd	1	1	S			<i>Amphisphaera (Amphisphaerantha) ceres</i> Clark & Campbell, 1945: 13	e. Middle Eocene
S		1	1	S			<i>Amphisphaera aotea</i> Hollis, 1993: 316	Paleocene
S	nd	0	1	Sø		Td	<i>Amphisphaera apollo</i> Haeckel, 1887: 143	[Quaternary]
E		1	1	S			<i>Amphisphaera biporata</i> Principi, 1909: 7	Middle Miocene
S	nd	1	1	S			<i>Amphisphaera cristata</i> Carnevale, 1908: 14	e. Middle Miocene
S		1	1	S		Ts	<i>Amphisphaera cronos</i> Haeckel, 1887: 144	Living
S	nd	1	1	S			<i>Amphisphaera elegantula</i> Lucchese, 1927: 83	e. Middle Miocene
S	nd	1	1	S			<i>Amphisphaera heteropyxis</i> Deflandre, 1953: 412	Eocene
S		1	1	S			<i>Amphisphaera holsatica</i> Brandt in Wetzel, 1936: 49	Late Eocene
S		1	1	S			<i>Amphisphaera italica</i> Carnevale, 1908: 14	e. Middle Miocene
S	nd	0	1	Sø			<i>Amphisphaera jupiter</i> Haeckel, 1887: 143	[Quaternary]
S		1	1	S			<i>Amphisphaera kina</i> Hollis, 1993: 316	Early Paleocene-Middle Paleocene
S	nd	0	1	Sø		Td	<i>Amphisphaera mars</i> Haeckel, 1887: 144	[Quaternary]
S	nd	0	1	Sø			<i>Amphisphaera mercurius</i> Haeckel, 1887: 143	[Quaternary]
S	nd	0	1	Sø		Td	<i>Amphisphaera neptunus</i> Haeckel, 1887: 142	[Quaternary]
E		1	1	S			<i>Amphisphaera nigrinae</i> Kamikuri, 2010: 97	Late Pliocene-Late Pleistocene
S		1	1	S			<i>Amphisphaera pluto</i> Haeckel, 1887: 144	Living
S	nd	1	1	S			<i>Amphisphaera spinosa</i> Carnevale, 1908: 14	e. Middle Miocene
S		1	1	S			<i>Amphisphaera tanzhiyuani</i> Matsuzaki & Suzuki in Matsuzaki <i>et al.</i> , 2014: 206	Middle Pleistocene
S	nd	0	1	Sø			<i>Amphisphaera uranus</i> Haeckel, 1887: 143	[Quaternary]
S	nd	1	1	S			<i>Amphisphaera vinasai</i> Principi, 1909: 7	Middle Miocene
N	nd	1	1	S			<i>Amphispyris bria</i> Tan & Su, 1982: 167	Holocene
N		1	1	S			<i>Amphispyris costata</i> Haeckel, 1887: 1097	[Quaternary]
N		1	1	S			<i>Amphispyris quadrigemina</i> Haeckel, 1887: 1096	[Quaternary]
N		1	1	S			<i>Amphispyris roggentheni</i> Goll, 1980: 437	Pliocene-Late Pleistocene
N		1	1	S		Ts	<i>Amphispyris sternalis</i> Haeckel, 1887: 1096	[Quaternary]
N		1	1	S			<i>Amphispyris subquadrata</i> Haeckel, 1887: 1097	[Quaternary]
N		1	1	S		T	<i>Amphispyris thorax</i> Haeckel, 1887: 1096	[Quaternary]
N		1	1	S			<i>Amphispyris toxarium</i> Haeckel, 1887: 1097	[Quaternary]
S	nd	1	1	S			<i>Amphistylus caudatus</i> Lucchese, 1927: 86	e. Middle Miocene
S	nd	0	1	Sø		Td	<i>Amphistylus clio</i> Haeckel, 1887: 145	[Quaternary]
S	nd	1	1	S			<i>Amphistylus crassispina</i> Vinas de Regny, 1900: 569	l. Early Miocene
S	nd	1	1	S			<i>Amphistylus elegans</i> Principi, 1909: 8	Middle Miocene
S		1	1	S			<i>Amphistylus ensiger</i> Kozlova in Kozlova & Gorbovetz, 1966: 55	Late Eocene
E		1	1	S			<i>Amphistylus gladiusiacus</i> Vasilenko, 2019: 327	Late Eocene-Early Oligocene
S	nd	0	1	Sø			<i>Amphistylus glyptodon</i> Haeckel, 1887: 145	[Quaternary]
S	nd	0	1	Sø			<i>Amphistylus hippocampus</i> Haeckel, 1887: 145	[Quaternary]
S	nd	1	1	S			<i>Amphistylus pantanellii</i> Principi, 1909: 7	Middle Miocene
S	nd	1	1	S			<i>Amphistylus rariporatus</i> Lucchese, 1927: 86	e. Middle Miocene
S	nd	0	1	Sø			<i>Amphitholonium acanthonium</i> Haeckel, 1887: 669	Living
S	nd	0	1	Sø			<i>Amphitholonium octostylium</i> Haeckel, 1887: 669	[Quaternary]
S	nd	1	1	S			<i>Amphitholonium pylonium</i> Su, 1982: 283	Living
S		1	1	S			<i>Amphitholonium transversarum</i> Chen, 1987: 225	Holocene
S		1	1	S		Ts	<i>Amphitholonium tricolonium</i> Haeckel, 1887: 669	[Quaternary]
S		1	1	S		Ts	<i>Amphitholus acanthometra</i> Haeckel, 1887: 667	[Quaternary]
S	nd	0	1	Sø			<i>Amphitholus armatus</i> Haeckel, 1887: 668	Living
S	nd	0	1	Sø			<i>Amphitholus artidium</i> Haeckel, 1887: 666	[Quaternary]
S		1	1	S		Ts	<i>Amphitholus artiscus</i> Haeckel, 1887: 666	[Quaternary]
S	nd	0	1	Sø			<i>Amphitholus dodecanthus</i> Haeckel, 1887: 667	Living
S	nd	0	1	Sø			<i>Amphitholus octacanthus</i> Haeckel, 1887: 667	[Quaternary]
S		1	1	S			<i>Amphitholus panicium</i> Haeckel, 1887: 668	Living
S	nd	0	1	Sø			<i>Amphitholus polyacanthus</i> Haeckel, 1887: 668	[Quaternary]
S		1	1	S			<i>Amphymenium (Ommathymenium) splendiaratum</i> Clark & Campbell, 1942: 46	e. Middle Eocene
S		1	1	S		T	<i>Amphymenium amphistylium</i> Haeckel, 1887: 520	[Living]
S		1	1	S			<i>Amphymenium challengerae</i> Weaver, 1983: 675	Late Miocene-Early Pliocene
S		1	1	S			<i>Amphymenium connicinum</i> Kim, 1992: 38	Late Paleocene-Oligocene
S		1	1	S			<i>Amphymenium elegans</i> Cleve, 1900b: 6	Living
S	nd	1	1	S			<i>Amphymenium ellipticum</i> Lucchese, 1927: 101	e. Middle Miocene
S	nd	0	1	Sø			<i>Amphymenium fusiforme</i> Haeckel, 1887: 521	Living
S	nd	1	1	S			<i>Amphymenium monstrosum</i> Haeckel, 1887: 520	Living
S		1	1	S			<i>Amphymenium pupula</i> Haeckel, 1887: 519	[Quaternary]
S	nd	1	1	S			<i>Amphymenium romboideum</i> Lipman, 1980: 124	Eocene
S		1	1	S		Ts	<i>Amphymenium zygartus</i> Haeckel, 1887: 520	Living

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Androspyris anthropiscus</i> Haeckel, 1887: 1093	[Quaternary]
N	nd	0	1	Sø			<i>Androspyris aptenodytes</i> Haeckel, 1887: 1093	[Quaternary]
N	nd	0	1	Sø			<i>Androspyris homunculus</i> Haeckel, 1887: 1092	[Quaternary]
N		1	1	S		T	<i>Androspyris pithecius</i> Haeckel, 1887: 1093	[Quaternary]
N		1	1	S			<i>Androspyris reticulidisca</i> Takahashi, 1991: 105	Living
S		1	1	S			<i>Annulatospira odoghertyi</i> Dumitrica, 2020: 38	I. Middle Eocene
S		1	1	S			<i>Annulatospira serratolabrum</i> Dumitrica, 2020: 34	I. Middle Eocene
S	nd	1	1	S			<i>Anomalacantha dentata eocenica</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 90	Eocene
S		1	1	S			<i>Anomalacantha? jeapica</i> Renaudie & Lazarus, 2013: 62	Late Oligocene-Early Miocene
N		1	1	S			<i>Antarctissa antedenticulata</i> Chen, 1974: 484	Middle Miocene-Late Miocene
N		1	1	S			<i>Antarctissa ballista</i> Renaudie & Lazarus, 2012: 46	Middle Miocene-Early Pliocene
N		1	1	S			<i>Antarctissa conradae</i> Chen, 1974: 484	Middle Miocene-Late Miocene
N	nn	1	0	S			<i>Antarctissa cylindrica</i> Petrushevskaya, 1972a	Holocene
N		1	1	S			<i>Antarctissa denticulata cylindrica</i> Petrushevskaya, 1967: 89	Living
N		1	1	S			<i>Antarctissa denticulata faceata</i> Petrushevskaya, 1967: 89	Living
N		1	1	S			<i>Antarctissa evanida</i> Renaudie & Lazarus, 2013: 67	Early Pliocene
N		1	1	S			<i>Antarctissa ewingi</i> Chen, 1974: 486	Pliocene-Early Pleistocene
N		1	1	S			<i>Antarctissa kjelli</i> Renaudie & Lazarus, 2015: 191	Pleistocene-Holocene
N		1	1	S			<i>Antarctissa? robusta</i> Petrushevskaya, 1975: 591	Late Miocene
N		1	1	S			<i>Antarctissa strelkovi</i> Petrushevskaya, 1967: 90	Living
N		1	1	S			<i>Antarctissa whitei</i> Björklund, 1976a: 1125	e. Middle Miocene-e. Early Pleistocene
N	nn	0	0	Su			<i>Anthocorys? akitaensis</i> Nakaseko, 1959b: 130	Middle Miocene
N	nn	1	0	Sf	syn		<i>Anthocorys? akitaensis</i> Nakaseko et al., 1965	Middle Miocene
N		1	1	S			<i>Anthocyrtella? callopisma</i> Caulet, 1986b: 227	Late Pleistocene
N		1	1	S			<i>Anthocyrtidium adiaphorum</i> Sanfilippo & Riedel, 1992: 25	I. Middle Eocene-Early Miocene
N		1	1	S			<i>Anthocyrtidium angulare</i> Nigrini, 1971: 445	Pleistocene
N	nd	1	1	S			<i>Anthocyrtidium apscheronense</i> Mamedov, 1969c: 32	Late Eocene
N		1	1	S			<i>Anthocyrtidium biserialae</i> Haecker, 1908: 454	Living
N		1	1	S		T	<i>Anthocyrtidium cineraria</i> Haeckel, 1887: 1278	[Quaternary]
N		1	1	S			<i>Anthocyrtidium cineraria brachypes</i> Popofsky, 1917: 274	Living
N		1	1	S			<i>Anthocyrtidium euryclathrum</i> Nigrini & Caulet, 1988: 349	Pleistocene-Living
N		1	1	S			<i>Anthocyrtidium jenghisi</i> Streeter, 1988: 63	Late Pliocene
N		1	1	S			<i>Anthocyrtidium ligularia</i> Haeckel, 1887: 1278	[Quaternary]
N		1	1	S			<i>Anthocyrtidium marieae</i> O'Connor, 1997b: 108	Late Oligocene?-Early Miocene
N	nd	0	1	Sø			<i>Anthocyrtidium matricaria</i> Haeckel, 1887: 1279	[Eocene]
N		1	1	S			<i>Anthocyrtidium michelinae</i> Caulet, 1979: 132	Late Pliocene
N		1	1	S			<i>Anthocyrtidium nosicae</i> Caulet, 1979: 132	Late Pliocene-Middle Pleistocene
N		1	1	S			<i>Anthocyrtidium odontatum</i> O'Connor, 1994: 342	Early Oligocene-Late Oligocene
N		1	1	S			<i>Anthocyrtidium prolatum</i> Nigrini & Caulet, 1988: 355	Pliocene
N		1	1	S			<i>Anthocyrtidium pupa</i> Clark & Campbell, 1942: 74	e. Middle Eocene
N		1	1	S			<i>Anthocyrtidium rectidentatum</i> Nigrini & Caulet, 1992: 158	Pliocene
N		1	1	S			<i>Anthocyrtidium stenum</i> Sanfilippo & Riedel, 1992: 24	Late Eocene-Early Oligocene
N	nd	0	1	Sø			<i>Anthocyrtis butomus</i> Haeckel, 1887: 1270	[Quaternary]
N		0	1	Su			<i>Anthocyrtis collaris</i> Ehrenberg, 1874b: 215	I. Middle Eocene
N		1	0	Sf	syn		<i>Anthocyrtis collaris</i> Ehrenberg, 1876: 64-65	I. Middle Eocene
N		1	1	S			<i>Anthocyrtis ehrenbergi</i> Stöhr, 1880: 100	[e. Late Miocene]
N		1	1	S			<i>Anthocyrtis ehrenbergi pliocenica</i> Seguenza, 1880: 232	Early Pliocene
N	nd	0	1	Sø			<i>Anthocyrtis enneaphylla</i> Haeckel, 1887: 1271	[Quaternary]
N		0	1	Su			<i>Anthocyrtis ficus</i> Ehrenberg, 1874b: 216	I. Middle Eocene
N		1	0	Sf	syn		<i>Anthocyrtis ficus</i> Ehrenberg, 1876: 64-65	I. Middle Eocene
N		0	1	Su			<i>Anthocyrtis furcata</i> Ehrenberg, 1874b: 216	I. Middle Eocene
N		1	0	Sf	syn		<i>Anthocyrtis furcata</i> Ehrenberg, 1876: 64-65	I. Middle Eocene
N		1	1	S			<i>Anthocyrtis goekei</i> Bachmann et al., 1963: 132	e. Late Miocene
N		0	1	Su			<i>Anthocyrtis grossularia</i> Ehrenberg, 1874b: 216	I. Middle Eocene
N		1	0	Sf	syn		<i>Anthocyrtis grossularia</i> Ehrenberg, 1876: 64-65	I. Middle Eocene
N		0	1	Su			<i>Anthocyrtis hispida</i> Ehrenberg, 1874b: 216	I. Middle Eocene
N		1	0	Sf	syn		<i>Anthocyrtis hispida</i> Ehrenberg, 1876: 64-65	I. Middle Eocene
N	nd	0	1	Sø			<i>Anthocyrtis lauranthus</i> Haeckel, 1887: 1271	[Quaternary]
N		0	1	Su			<i>Anthocyrtis leptostyla</i> Ehrenberg, 1874b: 216	I. Middle Eocene
N		1	0	Sf	syn		<i>Anthocyrtis leptostyla</i> Ehrenberg, 1876: 64-65	I. Middle Eocene
N		1	1	S		T	<i>Anthocyrtis mespilus</i> Ehrenberg, 1847: 55	I. Middle Eocene
N		0	1	Su			<i>Anthocyrtis ophirensis</i> Ehrenberg, 1873a: 301	Holocene
N		1	0	Sf	syn	Ts	<i>Anthocyrtis ophirensis</i> Ehrenberg, 1873b: 284-285	Holocene
N		1	1	S		Ts	<i>Anthocyrtis ovata</i> Haeckel, 1887: 1272	[Quaternary]
N	nn	0	0	Sø			<i>Anthocyrtis proserpinae</i> Ehrenberg, 1854a: table	
N		1	1	S			<i>Anthocyrtis pseudoovata</i> Nakaseko, 1963: 172	I. Middle Miocene
N		0	1	Su			<i>Anthocyrtis serrulata</i> Ehrenberg, 1874b: 217	I. Middle Eocene
N		1	0	Sf	syn	T	<i>Anthocyrtis serrulata</i> Ehrenberg, 1876: 64-65	I. Middle Eocene
N	nd	0	1	Sø			<i>Anthocyrtis sphaeroideum</i> Seguenza, 1880: 232	Early Pliocene
N	nd	0	1	Sø			<i>Anthocyrtis subglobosa</i> Haeckel, 1887: 1271	[Quaternary]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		0	1	Su			<i>Anthocyrtis ventricosa</i> Ehrenberg, 1874b: 217	I. Middle Eocene
N		1	0	Sf	syn		<i>Anthocyrtis ventricosa</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
N		0	1	Su			<i>Anthocyrtis zanguebarica</i> Ehrenberg, 1873a: 301	Holocene
N		1	0	Sf	syn		<i>Anthocyrtis zanguebarica</i> Ehrenberg, 1873b: 284-285	Holocene
N		1	1	S			<i>Anthocyrtium (Anthocyrturium) byronense</i> Clark & Campbell, 1942: 73	e. Middle Eocene
N		1	1	S			<i>Anthocyrtium adonis</i> Haeckel, 1887: 1273	[Quaternary]
N	nd	0	1	Sø			<i>Anthocyrtium anemone</i> Haeckel, 1887: 1274	[Quaternary]
N	nd	0	1	Sø			<i>Anthocyrtium anthemis</i> Haeckel, 1887: 1273	[Quaternary]
N		1	1	S		Ts	<i>Anthocyrtium campanula</i> Haeckel, 1887: 1274	[Holocene]
N	nd	0	1	Sø			<i>Anthocyrtium centaurea</i> Haeckel, 1887: 1273	[Quaternary]
N		1	1	S		Ts	<i>Anthocyrtium chrysanthemum</i> Haeckel, 1887: 1272	[Quaternary]
N		1	1	S			<i>Anthocyrtium doricum</i> Haeckel, 1887: 1276	[Quaternary]
N		1	1	S			<i>Anthocyrtium flosculus</i> Haeckel, 1887: 1277	[Quaternary]
N		1	1	S			<i>Anthocyrtium mirandum</i> Mamedov, 1969c: 34	I. Middle Eocene
N		1	1	S			<i>Anthocyrtium phylloacanthos</i> Carnevale, 1908: 30	e. Middle Miocene
N		1	1	S		T	<i>Anthocyrtium pyrum</i> Haeckel, 1887: 1276	[Quaternary]
N	nd	0	1	Sø			<i>Anthocyrtium turris</i> Haeckel, 1887: 1275	[Quaternary]
N	nd	0	1	Sø			<i>Anthocyrtoma alterna</i> Haeckel, 1887: 1268	[Quaternary]
N	nd	1	1	S			<i>Anthocyrtoma ardeola</i> Middour in Frizzell & Middour, 1951: 29	Late Paleocene
N		1	1	S			<i>Anthocyrtoma? frizzelli</i> Nishimura, 1992: 332	Middle Paleocene
N	nd	1	1	S			<i>Anthospyris aculeata</i> Haeckel, 1887: 1065	Living
N		1	1	S			<i>Anthospyris doricum</i> Haeckel, 1887: 1065	[Quaternary]
N		1	1	S		Ts	<i>Anthospyris mammillata</i> Haeckel, 1887: 1064	[Quaternary]
N		1	1	S			<i>Anthospyris spatulata</i> Haeckel, 1887: 1065	[Quaternary]
N		1	1	S			<i>Anthospyris tragopogon</i> Haeckel, 1887: 1066	[Quaternary]
N		1	1	S			<i>Aphetocyrtis catalexis</i> Sanfilippo & Caulet, 1998: 18	Late Oligocene-e. Early Miocene
N		1	1	S		T	<i>Aphetocyrtis gnomabax</i> Sanfilippo & Caulet, 1998: 16	I. Middle Eocene-Late Oligocene
N		1	1	S			<i>Aphetocyrtis rossi</i> Sanfilippo & Caulet, 1998: 18	Late Eocene-Late Oligocene
N		1	1	S		T	<i>Arachnocalpis ellipsoides</i> Haeckel, 1887: 1172	[Quaternary]
N		1	1	S			<i>Arachnocalpis? ovatiretalis</i> Takahashi, 1991: 136	Living
N	nd	0	1	Sø			<i>Arachnocalpis sphaeroides</i> Haeckel, 1887: 1173	Living
N		1	1	S			<i>Arachnocalpis tumulosa</i> Kozlova in Kozlova & Gorbovetz, 1966: 100	Early Eocene
N		1	1	S			<i>Arachnocorallium cerebellum</i> Renaudie & Lazarus, 2015: 192	Late Miocene-Late Pleistocene
N		1	1	S			<i>Arachnocorallium? pyroensis</i> Renaudie & Lazarus, 2015: 193	e. Late Miocene
N		1	1	S			<i>Arachnocorallium stilla</i> Renaudie & Lazarus, 2015: 192	e. Late Miocene-Late Pliocene
N	nd	0	1	Sø			<i>Arachnocorys arachnodiscus</i> Haeckel, 1887: 1267	Living
N		1	1	S			<i>Arachnocorys araneosa</i> Haeckel, 1887: 1266	[Quaternary]
N		0	1	Su			<i>Arachnocorys circumtexta</i> Haeckel, 1861b: 837	Living
N		1	0	Sf	syn	T	<i>Arachnocorys circumtexta</i> Haeckel, 1862: 304	Living
N	nd	0	1	Sø			<i>Arachnocorys discoides</i> Haeckel, 1887: 1265	Living
N		1	1	S			<i>Arachnocorys dubius</i> Dogiel in Dogiel & Reshetnyak, 1952: 19	Living
N	nd	0	1	Sø			<i>Arachnocorys enneaptera</i> Haeckel, 1887: 1266	[Quaternary]
N		1	1	S			<i>Arachnocorys fimbria</i> Kozlova, 1984a: 208	Late Paleocene?-Early Eocene
N	nd	0	1	Sø		Td	<i>Arachnocorys hexaptera</i> Haeckel, 1887: 1265	Living
N		1	1	S			<i>Arachnocorys pentacantha</i> Popofsky, 1913: 366	Living
N	nd	0	1	Sø		Td	<i>Arachnocorys polyptera</i> Haeckel, 1887: 1267	[Quaternary]
N	nd	0	1	Sø			<i>Arachnocorys trifida</i> Haeckel, 1887: 1267	[Quaternary]
N		0	1	Su			<i>Arachnocorys umbellifera</i> Haeckel, 1861b: 837	Living
N		1	0	Sf	syn	Ts	<i>Arachnocorys umbellifera</i> Haeckel, 1862: 305	Living
S	nd	0	1	Sø			<i>Arachnopegma increscens</i> Haeckel, 1887: 267	Living
S	nd	0	1	Sø			<i>Arachnopegma longispinum</i> Haeckel, 1887: 267	Living
S	nd	0	1	Sø		Td	<i>Arachnopegma verticillatum</i> Haeckel, 1887: 267	Living
S	nd	0	1	Sø		Td	<i>Arachnopila hexagonella</i> Haeckel, 1887: 266	Living
S	nd	0	1	Sø			<i>Arachnopila polygonella</i> Haeckel, 1887: 266	Living
S		1	1	S			<i>Arachnosphaera dichotoma</i> Jørgensen, 1900: 60	Living
S	nd	0	1	Sø			<i>Arachnosphaera dolichacantha</i> Haeckel, 1887: 269	Living
S	nd	1	1	S			<i>Arachnosphaera hexasphaera</i> Popofsky, 1912: 108	Living
S	nd	0	1	Sø			<i>Arachnosphaera increscens</i> Haeckel, 1887: 269	Living
S	nd	0	1	Sø			<i>Arachnosphaera irregularis</i> Mast, 1910: 176	Living
S		0	1	Su			<i>Arachnosphaera myriacantha</i> Haeckel, 1861a: 805	Living
S		1	0	Sf	syn		<i>Arachnosphaera myriacantha</i> Haeckel, 1862: 357	Living
S		0	1	Su			<i>Arachnosphaera oligacantha</i> Haeckel, 1861a: 805	Living
S		1	0	Sf	syn	T	<i>Arachnosphaera oligacantha</i> Haeckel, 1862: 356	Living
S		1	1	S			<i>Arachnosphaera pityommoides</i> Mast, 1910: 177	Living
S	nd	0	1	Sø		Td	<i>Arachnosphaera tenuissima</i> Haeckel, 1887: 269	Living
S	nd	0	1	Sø			<i>Arachnosphaera velaris</i> Haeckel, 1887: 269	Living
S		1	1	S		T	<i>Arachnospongus varians</i> Mast, 1910: 179	Living
E		1	1	S		Ts	<i>Arachnostylus tregouboffi</i> Hollande & Enjemet, 1960: 93	Living
N		1	1	S		Ts	<i>Arachnothauma mirabile</i> Zacharias, 1906: 565	Living
N	nd	1	1	S		Td	<i>Archibursa tripodiscus</i> Haeckel, 1887: 1157	[Quaternary]



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	1	1	S			<i>Archicapsa fornicata</i> Krasheninnikov, 1960: 297	Early Eocene
N	nd	0	1	Sø			<i>Archicapsa nonaforis</i> Haeckel, 1887: 1192	[Quaternary]
N	nd	0	1	Sø			<i>Archicapsa quadriforis</i> Haeckel, 1887: 1192	[Quaternary]
N	nd	1	1	S			<i>Archicapsa triforis</i> Haeckel, 1887: 1191	[Quaternary]
N	nd	0	1	Sø			<i>Archicircus duodenus</i> Haeckel, 1887: 942	Living
N	nd	0	1	Sø			<i>Archicircus ellipsis</i> Haeckel, 1887: 941	[Quaternary]
N	nd	0	1	Sø			<i>Archicircus hertwigi</i> Haeckel, 1887: 942	Living
N		1	1	S			<i>Archicircus hexacanthus</i> Haeckel, 1887: 942	[Quaternary]
N	nd	0	1	Sø			<i>Archicircus monopylus</i> Haeckel, 1887: 941	Living
N	nd	1	1	S		Td	<i>Archicircus monostephus</i> Haeckel, 1887: 941	[Quaternary]
N	nd	0	1	Sø			<i>Archicircus ovalis</i> Haeckel, 1887: 941	[Quaternary]
N		1	1	S		Ts	<i>Archicircus primordialis</i> Haeckel, 1887: 942	[Quaternary]
N	nd	0	1	Sø			<i>Archicircus princeps</i> Haeckel, 1887: 940	[Quaternary]
N	nd	0	1	Sø			<i>Archicircus quadratus</i> Haeckel, 1887: 941	[Quaternary]
N		1	1	S			<i>Archicircus rhombus</i> Haeckel, 1887: 942	[Quaternary]
N	nd	1	1	S			<i>Archicircus sexangularis</i> Haeckel, 1887: 943	[Quaternary]
N	nd	0	1	Sø			<i>Archicircus triglyphus</i> Haeckel, 1887: 943	[Early Miocene]
N	nd	0	1	Sø			<i>Archicorys ampulla</i> Haeckel, 1887: 1184	[Early Miocene]
N	nd	1	1	S			<i>Archicorys ampulla</i> var. <i>micropora</i> Lucchese, 1927: 103	e. Middle Miocene
N	nd	1	1	S			<i>Archicorys ampulla</i> var. <i>spinosa</i> Lucchese, 1927: 103	e. Middle Miocene
N		1	1	S			<i>Archicorys bella</i> Clark & Campbell, 1945: 36	e. Middle Eocene
N	nd	0	1	Sø		Td	<i>Archicorys galea</i> Haeckel, 1887: 1184	[Quaternary]
N	nd	0	1	Sø			<i>Archicorys globosa</i> Haeckel, 1887: 1185	[Eocene]
N	nd	1	1	S			<i>Archicorys luculentus</i> Krasheninnikov, 1960: 295	Early Eocene
N	nd	1	1	S			<i>Archicorys microstoma</i> Haeckel, 1887: 1185	[Quaternary]
W		1	1	S			<i>Archicorys ovata</i> Haeckel, 1887: 1185	[Quaternary]
N	nd	1	1	S			<i>Archicorys pinguis</i> Krasheninnikov, 1960: 295	Early Eocene
N	nd	1	1	S			<i>Archicorys porostoma</i> Dreyer, 1889: 56	[Quaternary]
N	nd	1	1	S			<i>Archicorys? urceolata</i> Clark & Campbell, 1942: 65	e. Middle Eocene
S	nd	0	1	Sø		Td	<i>Archidiscus dioniscus</i> Haeckel, 1887: 486	[Quaternary]
S	nd	0	1	Sø			<i>Archidiscus dithalamus</i> Haeckel, 1887: 486	[Quaternary]
S	nd	0	1	Sø			<i>Archidiscus hexathalamus</i> Haeckel, 1887: 489	[Quaternary]
S	nd	1	1	S		Td	<i>Archidiscus hexoniscus</i> Haeckel, 1887: 488	[Quaternary]
S	nd	0	1	Sø		Td	<i>Archidiscus octoniscus</i> Haeckel, 1887: 489	[Early Miocene]
S	nd	0	1	Sø		Td	<i>Archidiscus pentoniscus</i> Haeckel, 1887: 488	Living
S	nd	0	1	Sø			<i>Archidiscus polythalamus</i> Haeckel, 1887: 489	[Quaternary]
S		1	1	S			<i>Archidiscus pyloniscus</i> Haeckel, 1887: 488	[Quaternary]
S	nd	1	1	S		Td	<i>Archidiscus stauroniscus</i> Haeckel, 1887: 487	[Quaternary]
S	nd	0	1	Sø			<i>Archidiscus tetrathalamus</i> Haeckel, 1887: 487	[Quaternary]
S	nd	0	1	Sø			<i>Archidiscus tetroniscus</i> Haeckel, 1887: 487	[Quaternary]
S	nd	0	1	Sø		Td	<i>Archidiscus trioniscus</i> Haeckel, 1887: 487	[Quaternary]
S	nd	0	1	Sø			<i>Archidiscus trithalamus</i> Haeckel, 1887: 487	Living
N	nd	0	1	Sø			<i>Archipera bicornis</i> Haeckel, 1887: 1156	[Quaternary]
N		1	1	S		T	<i>Archipera cortiniscus</i> Haeckel, 1887: 1155	[Quaternary]
N		1	1	S			<i>Archipera dipleura</i> Tan & Tchang, 1976: 309	Living
N		1	1	S			<i>Archipera hexacantha</i> Popofsky, 1913: 329	Living
N	nd	0	1	Sø			<i>Archipera multicornis</i> Haeckel, 1887: 1156	[Quaternary]
N	nd	0	1	Sø			<i>Archipera pentacantha</i> Haeckel, 1887: 1155	[Quaternary]
N	nd	0	1	Sø			<i>Archipera quadricornis</i> Haeckel, 1887: 1156	[Quaternary]
N		1	1	S			<i>Archipera triclavigera</i> Tan & Tchang, 1976: 308	Living
N	nd	0	1	Sø			<i>Archipera tricornis</i> Haeckel, 1887: 1156	[Quaternary]
N	nd	0	1	Sø			<i>Archiphaena corona</i> Haeckel, 1887: 1178	[Early Miocene]
N	nd	1	1	S		Td Ti	<i>Archiphaena gorgospyris</i> Haeckel, 1887: 1178	[Quaternary]
N	nd	0	1	Sø		Td Ti	<i>Archiphaena stephanoma</i> Haeckel, 1887: 1178	[Quaternary]
N	nd	0	1	Sø			<i>Archiphormis campanulata</i> Haeckel, 1887: 1168	[Quaternary]
N		1	1	S			<i>Archiphormis urceolata</i> Haeckel, 1887: 1168	[Quaternary]
N	nd	0	1	Sø			<i>Archipilium cyrtopterum</i> Haeckel, 1887: 1140	[Quaternary]
N		1	1	S			<i>Archipilium eburneforme</i> Chen & Tan, 1989: 9	Holocene
N		1	1	S		T	<i>Archipilium orthopterum</i> Haeckel, 1887: 1139	[Quaternary]
N	nd	0	1	Sø			<i>Archipilium sigmopterum</i> Haeckel, 1887: 1139	[Quaternary]
N		1	1	S			<i>Archipilium tanorium</i> Chen <i>et al.</i> , 2017: 276	Late Pleistocene
N	nd	0	1	Sø			<i>Archiscenium callimitra</i> Haeckel, 1887: 1151	[Quaternary]
N	nd	0	1	Sø			<i>Archiscenium clathrocorys</i> Haeckel, 1887: 1150	[Quaternary]
N		1	1	S			<i>Archiscenium cyclopterum</i> Haeckel, 1887: 1151	[Quaternary]
N		1	1	S		T	<i>Archiscenium quadrispinum</i> Haeckel, 1887: 1150	[Quaternary]
N	nd	0	1	Sø			<i>Archiscenium tripterygium</i> Haeckel, 1887: 1151	[Quaternary]
N		1	1	S			<i>Ariadnella numerosa</i> Tochilina, 2008: 63	Pliocene
S	nd	0	1	Sø			<i>Artiscus elegans</i> Haeckel, 1887: 356	[Quaternary]
S	nd	0	1	Sø			<i>Artiscus facetus</i> Haeckel, 1887: 355	[Quaternary]
S	nd	0	1	Sø			<i>Artiscus hystrix</i> Haeckel, 1887: 356	Living

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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S		Ts	<i>Artiscus nodosus</i> Haeckel, 1887: 356	[Quaternary]
S	nd	0	1	Sø			<i>Artiscus panarius</i> Haeckel, 1887: 356	[Quaternary]
S	nd	0	1	Sø			<i>Artiscus paniculus</i> Haeckel, 1887: 355	[Eocene]
S	nd	0	1	Sø		Td	<i>Artiscus paniscus</i> Haeckel, 1887: 355	[Quaternary]
N	nd	0	1	Sø			<i>Artocapsa armata</i> Haeckel, 1887: 1520	[Quaternary]
N		1	1	S			<i>Artocapsa dunikowskyi</i> Vinassa de Regny, 1900: 591	I. Early Miocene
N		1	1	S			<i>Artocapsa elegans</i> Haeckel, 1887: 1520	[Quaternary]
N		1	1	S		T	<i>Artocapsa fusiformis</i> Haeckel, 1887: 1519	[Quaternary]
N	nd	0	1	Sø			<i>Artocapsa octocamera</i> Haeckel, 1887: 1520	[Quaternary]
N	nd	0	1	Sø			<i>Artocapsa quadricamera</i> Haeckel, 1887: 1520	[Eocene]
N		1	1	S			<i>Artocapsa spinosa</i> Haeckel, 1887: 1519	[Quaternary]
S	nd	1	0	S		Td Ti	<i>Artocarpium indicum</i> Haeckel, 1887	Living
N	nd	0	1	Sø			<i>Artopera fusiformis</i> Haeckel, 1887: 1452	[Quaternary]
N	nd	0	1	Sø			<i>Artopera motacilla</i> Haeckel, 1887: 1452	[Quaternary]
N	nd	1	1	S		Td Ti	<i>Artophaena aerostatica</i> Haeckel, 1887: 1463	[Quaternary]
N	nd	0	1	Sø			<i>Artophaena hexalatractus</i> Haeckel, 1887: 1464	[Quaternary]
N	nd	0	1	Sø			<i>Artophaena hexapodiscus</i> Haeckel, 1887: 1464	[Quaternary]
N	nd	0	1	Sø			<i>Artophaena senaria</i> Haeckel, 1887: 1464	[Quaternary]
N	nd	0	1	Sø			<i>Artophormis costata</i> Haeckel, 1887: 1459	[Quaternary]
N		1	1	S			<i>Artophormis fluminafauces</i> O'Connor, 1999: 20	Late Eocene
N		1	1	S			<i>Artophormis gracilis</i> Riedel, 1959: 300	Early Oligocene-e. Early Miocene
N		1	1	S		Ts	<i>Artophormis horrida</i> Haeckel, 1887: 1458	[Quaternary]
N	nd	0	1	Sø			<i>Artopilium comutella</i> Haeckel, 1887: 1441	[Quaternary]
N	nd	0	1	Sø			<i>Artopilium curvatum</i> Haeckel, 1887: 1441	[Quaternary]
N		1	1	S			<i>Artopilium cyrtopterum</i> Haeckel, 1887: 1440	[Quaternary]
N		1	1	S		T	<i>Artopilium elegans</i> Haeckel, 1887: 1440	[Quaternary]
N		1	1	S			<i>Artopilium fusiforme</i> Tan & Tchang, 1976: 310	Living
N		1	1	S			<i>Artopilium longicorne</i> Haeckel, 1887: 1440	[Quaternary]
N		1	1	S			<i>Artopilium sitularium</i> Tan & Tchang, 1976: 310	Living
N		1	1	S			<i>Artopilium stichopterygium</i> Haeckel, 1887: 1442	[Quaternary]
N		1	1	S		T	<i>Artopilium trifenestra</i> Haeckel, 1887: 1441	[Quaternary]
N	nd	0	1	Sø			<i>Artopilium trigonopterum</i> Haeckel, 1887: 1441	[Quaternary]
N		1	1	S			<i>Artopilium undulatum</i> Popofsky, 1913: 405	Living
N		1	1	S			<i>Artostrobium doliolum</i> Riedel & Sanfilippo, 1971: 1599	I. Middle Miocene-Quaternary?
N		1	1	S			<i>Artostrobium rhinoceros</i> Sanfilippo & Riedel, 1974: 1000	Late Pliocene-Early Pleistocene
N		1	1	S			<i>Artostrobium articulatus</i> Haeckel, 1887: 1483	[Quaternary]
N	nd	0	1	Sø			<i>Artostrobium biseriatus</i> Haeckel, 1887: 1482	[Quaternary]
N		1	1	S			<i>Artostrobium elongatus</i> Vinassa de Regny, 1900: 586	I. Early Miocene
N		1	1	S			<i>Artostrobium joergenseni</i> Petrushevskaya, 1967: 102	Holocene
N		1	1	S			<i>Artostrobium? oganeae</i> Renaudie & Lazarus, 2016: 36	Early Miocene-I. Late Miocene
N		1	1	S			<i>Artostrobium? pretabulatus</i> Petrushevskaya, 1975: 580	Late Oligocene-Miocene
N		1	1	S			<i>Artostrobium quadriporus</i> Bjørklund, 1976a: 1125	e. Middle Eocene-Early Oligocene
N		1	1	S			<i>Artostrobium semazen</i> Renaudie & Lazarus, 2012: 44	I. Middle Miocene-e. Late Miocene
N		1	1	S			<i>Artostrobium zitteli</i> Vinassa de Regny, 1900: 586	I. Early Miocene
N		1	1	S		Ts	<i>Asecta prunoides</i> Popofsky, 1913: 373	Living
N		1	1	S			<i>Aspis murus</i> Nishimura, 1992: 358	Middle Paleocene-Late Paleocene
N		1	1	S		T	<i>Aspis velutochlamydosaurus</i> Nishimura, 1992: 360	Middle Paleocene-Late Paleocene
S		1	1	S			<i>Astractura clavigera</i> Haeckel, 1887: 476	Late Eocene
S		1	1	S			<i>Astractura democriti</i> Haeckel, 1887: 477	[Quaternary]
S		1	1	S			<i>Astractura digitata</i> Carter, 1896d: 98	[Late Eocene]
S	nd	0	1	Sø			<i>Astractura hippocratis</i> Haeckel, 1887: 477	[Quaternary]
S		1	1	S		Ts	<i>Astractura ordinata</i> Haeckel, 1887: 476	[Quaternary]
S		1	1	S		Ts Ti	<i>Astrococcura concinna</i> Sutton, 1896c: 138	[Eocene]
S	nd	0	1	Sø			<i>Astrocyclus arachnia</i> Haeckel, 1887: 467	Living
S		1	1	S			<i>Astrocyclus heterocyclus</i> Haeckel, 1887: 468	[Quaternary]
S	nd	0	1	Sø			<i>Astrocyclus rotula</i> Haeckel, 1887: 467	[Quaternary]
S		1	1	S		Ts	<i>Astrocyclus solaster</i> Haeckel, 1887: 466	[Early Miocene]
S		1	1	S		T	<i>Astromma aristotelis</i> Ehrenberg, 1847: 55	I. Middle Eocene
S	nn	0	0	Sp	pre		<i>Astromma? entomocora</i> Ehrenberg, 1847: 43, 48	
S		1	0	Sf			<i>Astromma entomocora</i> Ehrenberg, 1854d	
S		0	1	Sd	syn		<i>Cypassis entomocora</i> Haeckel, 1887: 367	[Quaternary]
S		0	1	Su			<i>Astromma pentactis</i> Ehrenberg, 1874b: 217	I. Middle Eocene
S		1	0	Sf	syn	Ts	<i>Astromma pentactis</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
S		0	1	Su			<i>Astromma pythagorae</i> Ehrenberg, 1873a: 301	I. Middle Eocene
S		1	0	Sf	syn	Ts	<i>Astromma pythagorae</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
S	nn	1	1	S			<i>Astromma yelvertoni</i> MacDonald, 1871: 226	[Quaternary]
S		1	1	S			<i>Astrophacus annularius</i> Lipman, 1950: 59	Late Eocene
S		1	1	S		Ts	<i>Astrophacus apollinis</i> Haeckel, 1887: 455	[Quaternary]
S	nd	0	1	Sø		Td	<i>Astrophacus asteriscus</i> Haeckel, 1887: 453	[Quaternary]
S		1	1	S		Ts	<i>Astrophacus cingillum</i> Haeckel, 1887: 454	[Quaternary]

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Astrophacus duplus</i> Kozlova in Kozlova & Gorbovetz, 1966: 74	Early Eocene-Late Eocene
S		1	1	S			<i>Astrophacus duplus dupla</i> Kozlova in Kozlova & Gorbovetz, 1966: 75	Early Eocene-Late Eocene
S		1	1	S			<i>Astrophacus duplus expolita</i> Kozlova in Kozlova & Gorbovetz, 1966: 76	Late Eocene
S		1	1	S			<i>Astrophacus ehrenbergi</i> Carnevale, 1908: 23	e. Middle Miocene
S		1	1	S			<i>Astrophacus hexaspinus</i> Tochilina, 1966: 286	Late Eocene
S		1	1	S			<i>Astrophacus hexasteriscus intricatus</i> Kozlova in Petrushevskaya & Kozlova, 1979: 102	Early Oligocene
S		1	1	S	Ts		<i>Astrophacus phacodiscus</i> Haeckel, 1887: 454	Living
S		1	1	S			<i>Astrophacus pictus</i> Kozlova in Kozlova & Gorbovetz, 1966: 76	Late Eocene
S		1	1	S			<i>Astrophacus solaris</i> Haeckel, 1887: 453	Living
S		1	1	S			<i>Astrophacus stellatus</i> Tochilina, 1966: 286	Late Eocene
S	nd	1	1	S			<i>Astrophacus testatus</i> Kozlova in Kozlova & Gorbovetz, 1966: 72	Early Eocene
S	nd	1	1	S			<i>Astrophacus testatus quadrispina</i> Kozlova in Kozlova & Gorbovetz, 1966: 72	Early Eocene
S	nd	1	1	S			<i>Astrophacus testatus testata</i> Kozlova in Kozlova & Gorbovetz, 1966: 73	Late Eocene
S		1	1	S			<i>Astrophacus tetradialis</i> Tochilina, 1966: 285	Late Eocene
S	nd	1	1	S			<i>Astrophacus trochiscus</i> Haeckel, 1887: 453	Living
S		1	1	S			<i>Astrophacus viminalis</i> Hollande & Enjument, 1960: 126	Living
S		1	1	S			<i>Astrophacus vitilis</i> Gorbunov, 1979: 125	Late Eocene
S	nd	0	1	Sø		Td	<i>Astrosetrum acanthastrum</i> Haeckel, 1887: 443	Living
S	nd	0	1	Sø			<i>Astrosetrum acraspedum</i> Haeckel, 1887: 443	[Quaternary]
S	nd	0	1	Sø			<i>Astrosetrum echinastrum</i> Haeckel, 1887: 443	[Miocene]
S		1	1	S	Ts		<i>Astrosetrum ephyra</i> Haeckel, 1887: 442	[Quaternary]
S	nd	0	1	Sø			<i>Astrosetrum floscula</i> Haeckel, 1887: 444	Living
S		1	1	S			<i>Astrosetrum nauphanta</i> Haeckel, 1887: 442	[Quaternary]
S	nd	0	1	Sø		Td	<i>Astrosetrum pelagia</i> Haeckel, 1887: 444	Living
S		1	1	S			<i>Astrosphaera arborescens</i> Popofsky, 1912: 106	Living
S	nd	0	1	Sø			<i>Astrosphaera dentata</i> Mast, 1910: 174	Living
S	nd	0	1	Sø			<i>Astrosphaera granulata</i> Mast, 1910: 174	Living
S		1	1	S	Ts		<i>Astrosphaera hexagonalis</i> Haeckel, 1887: 250	Living
S	nd	1	1	S			<i>Astrosphaera quinquespinata</i> Borisenko, 1959: 37	Late Eocene
S	nd	0	1	Sø		Td	<i>Astrosphaera sideraea</i> Haeckel, 1887: 251	Living
S	nd	0	1	Sø			<i>Astrosphaera splendens</i> Haeckel, 1887: 250	Living
S		1	1	S			<i>Astrosphaera stellata</i> Haeckel, 1887: 251	Living
S	nd	0	1	Sø			<i>Astrospongus intermedius</i> Mast, 1910: 178	Living
S		1	1	S	Ts		<i>Astrospongus ramosus</i> Mast, 1910: 178	Living
S	nd	0	1	Sø			<i>Astrospongus simplex</i> Mast, 1910: 177	Living
S	nd	0	1	Sø			<i>Axellipsis lobata</i> Haeckel, 1887: 293	Living
S	nd	0	1	Sø		Td	<i>Axellipsis perforata</i> Haeckel, 1887: 293	[Quaternary]
N		1	1	S		T	<i>Axocorys macroceros</i> Haeckel, 1887: 1420	[Quaternary]
S	nd	0	1	Sø			<i>Axodiscus hexagonus</i> Haeckel, 1887: 490	[Quaternary]
S	nd	0	1	Sø			<i>Axodiscus octogonus</i> Haeckel, 1887: 491	[Quaternary]
S	nd	0	1	Sø			<i>Axodiscus spinosus</i> Haeckel, 1887: 491	[Quaternary]
S	nd	0	1	Sø			<i>Axodiscus staurophorus</i> Haeckel, 1887: 490	[Quaternary]
S	nd	0	1	Sø		Td	<i>Axodiscus stylophorus</i> Haeckel, 1887: 490	[Quaternary]
S	nd	0	1	Sø			<i>Axodiscus trigonus</i> Haeckel, 1887: 490	[Quaternary]
S	nd	0	1	Sø			<i>Axodiscus triradiatus</i> Haeckel, 1887: 490	[Quaternary]
E		1	1	S			<i>Axoprimum irregularis</i> Kozlova, 1983: 88	Early Paleocene-Late Paleocene
E	hom	1	1	S			<i>Axoprimum? irregularis</i> Takemura, 1992: 742	Early Oligocene
E		1	1	S			<i>Axoprimum magnum</i> Kim, 1992: 37	Late Eocene
S		1	1	S			<i>Axoprimum monostylum</i> Caulet, 1986a: 849	Late Pliocene
E		1	1	S		T	<i>Axoprimum stauraxonium</i> Haeckel, 1887: 298	[Quaternary]
S		1	1	S		Ts	<i>Azerbaijanicus compositus</i> Mamedov, 1973: 61	Middle Eocene
N		1	1	S		Ts	<i>Bathrocalpis campanula</i> Clark & Campbell, 1942: 64	e. Middle Eocene
N		1	1	S			<i>Bathrocalpis rhabdophora</i> Clark & Campbell, 1945: 34	e. Middle Eocene
N		1	1	S			<i>Bathrocalpis rhabdophora acraniata</i> Clark & Campbell, 1945: 35	e. Middle Eocene
N		1	1	S			<i>Bathrocalpis rhabdophora rhabdophora</i> Clark & Campbell, 1945: 35	e. Middle Eocene
N		1	1	S			<i>Bathropyramis (Acropyramis) woodringi</i> Campbell & Clark, 1944: 39	e. Late Miocene
N	nd	0	1	Sø		Td	<i>Bathropyramis acephala</i> Haeckel, 1887: 1159	[Quaternary]
N		1	1	S			<i>Bathropyramis aeshna</i> Petrushevskaya & Kozlova, 1972: 552	Early Oligocene
N		1	1	S			<i>Bathropyramis apenninica</i> Vinassa de Regny, 1900: 579	l. Early Miocene
N		1	1	S			<i>Bathropyramis bicornuta</i> Chen & Tan, 1989: 9	Holocene
N		1	1	S			<i>Bathropyramis interrupta</i> Haeckel, 1887: 1160	Living
N	nd	0	1	Sø			<i>Bathropyramis medusa</i> Haeckel, 1887: 1160	Living
N		1	1	S			<i>Bathropyramis? pyrgina</i> Sugiyama in Sugiyama <i>et al.</i> , 1992: 21	Early Pliocene
N		1	1	S			<i>Bathropyramis quadrata</i> Haeckel, 1887: 1159	[Quaternary]
N		1	1	S			<i>Bathropyramis ramosa</i> Haeckel, 1887: 1161	[Quaternary]
N		1	1	S			<i>Bathropyramis? reticulata</i> Vinassa de Regny, 1900: 957	l. Early Miocene
N	nd	0	1	Sø		Td	<i>Bathropyramis spinosa</i> Haeckel, 1887: 1160	[Quaternary]
N		1	1	S			<i>Bathropyramis stolidata</i> Tan & Su, 2003: 121	Holocene
N		1	1	S			<i>Bathropyramis trapezoides</i> Haeckel, 1887: 1160	[Quaternary]
W	nn	0	0	Sp	pre		<i>Bathysphaera pelagica</i> Hollande & Cachon-Enjument, 1959b: 167	



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
W	nd	1	1	S		Td Te Th	<i>Bathysphaera pelagica</i> Hollande & Enjume, 1960: 127	Living
N		1	1	S		T	<i>Bekoma bidarfensis</i> Riedel & Sanfilippo, 1971: 1592	Late Paleocene
N		1	1	S			<i>Bekoma campechensis</i> Foreman, 1973: 432	Paleogene
N		1	1	S			<i>Bekoma? demissa</i> Foreman, 1973: 432	Late Paleocene
N		1	1	S			<i>Bekoma? demissa robusta</i> Nishimura, 1992: 333	Middle Paleocene
N		1	1	S			<i>Bekoma divaricata</i> Foreman, 1973: 433	Late Paleocene
N		1	1	S			<i>Bekoma helenae</i> Nishimura, 1992: 332	Middle Paleocene
N		1	1	S			<i>Bekoma? oliva</i> Nishimura, 1992: 333	Middle Paleocene
N		1	1	S			<i>Bekomiforma fracta</i> Levykina, 1986: 90	Middle Miocene
N		1	1	S		T	<i>Bekomiforma mynx</i> Sanfilippo & Riedel, 1974: 1020	Middle Pliocene-Early Pleistocene
N	nd	1	1	S			<i>Bekomiforma? sachalinika</i> Tochilina <i>et al.</i> , 1988: 49	Pliocene
C	nd	0	1	Sø			<i>Belonozoum atlanticum</i> Haeckel, 1887: 40	Living
C	nd	0	1	Sø			<i>Belonozoum bacillosum</i> Haeckel, 1887: 39	Living
C	nd	0	1	Sø			<i>Belonozoum hilli</i> Haswell, 1907: 279	Living
N		1	1	S		Ts	<i>Bisphaerocephalina armata</i> Petrushevskaya, 1965: 93	Living
N		1	1	S			<i>Bisphaerocephalus biceps</i> Popofsky, 1913: 340	Living
N		1	1	S		Ts	<i>Bisphaerocephalus minutus</i> Popofsky, 1908: 285	Living
N	nd	1	1	S			<i>Botryocampe camerata</i> Haeckel, 1887: 1124	[Quaternary]
N	nd	1	1	S			<i>Botryocampe hexathalamia</i> Haeckel, 1862: 344	Living
N	nd	1	1	S			<i>Botryocampe rotalia</i> Haeckel, 1887: 1123	[Quaternary]
N	nd	0	1	Sø			<i>Botryocampe theocapsa</i> Haeckel, 1887: 1123	[Quaternary]
N	nd	1	1	S			<i>Botryocella apenninica</i> Vinassa de Regny, 1900: 578	I. Early Miocene
N		1	1	S			<i>Botryocella multicellaris</i> Haeckel, 1887: 1117	[Quaternary]
N		1	1	S			<i>Botryocella pauciperforata</i> O'Connor, 1999: 10	Late Eocene
N		1	1	S			<i>Botryocella quadricellaris</i> Haeckel, 1887: 1117	[Quaternary]
N	nd	1	1	S			<i>Botryocella quadrigemina</i> Haeckel, 1887: 1117	Living
N	nd	0	1	Sø			<i>Botryocella tricellaris</i> Haeckel, 1887: 1116	[Quaternary]
N		0	1	Sø			<i>Botryocyrtis caputserpentis</i> Ehrenberg, 1873a: 301	Holocene
N		1	0	Sf	syn	T	<i>Botryocyrtis caputserpentis</i> Ehrenberg, 1873b: 286-287	Holocene
N	nd	1	1	S			<i>Botryocyrtis cerebellum</i> Haeckel, 1887: 1121	[Quaternary]
N		1	1	S			<i>Botryocyrtis elongatum</i> Takahashi, 1991: 135	Living
N	nn	0	0	Sp	pre		<i>Botryocyrtis lithobotrys</i> Ehrenberg, 1861a: 767	
N		0	1	Su			<i>Botryocyrtis lithobotrys</i> Ehrenberg, 1873a: 302	Holocene
N		1	0	Sf	syn		<i>Botryocyrtis lithobotrys</i> Suzuki <i>et al.</i> , 2009a	Holocene
N		0	1	Su			<i>Botryocyrtis quinaria</i> Ehrenberg, 1873a: 302	Holocene
N		1	0	Sf	syn		<i>Botryocyrtis quinaria</i> Ehrenberg, 1873b: 286-287	Holocene
N		1	1	S			<i>Botryocyrtis theocampe</i> Haeckel, 1887: 1121	[Quaternary]
N	nd	1	1	S			<i>Botryometra poljanskii</i> Petrushevskaya, 1975: 590	Late Miocene
N	nd	1	1	S			<i>Botryometra? spongiosa</i> Petrushevskaya, 1975: 590	Oligocene
N		1	1	S			<i>Botryopera chippewa</i> Renaudie & Lazarus, 2013: 67	Early Miocene-Early Pliocene
N		1	1	S			<i>Botryopera? chlamida</i> Petrushevskaya, 1975: 592	Holocene
N		1	1	S			<i>Botryopera conica</i> Vitukhin in Barinov <i>et al.</i> , 1992: 129	I. Early Miocene
N		1	1	S		T	<i>Botryopera cyrtoloba</i> Haeckel, 1887: 1108	[Quaternary]
N		1	1	S			<i>Botryopera? daleki</i> Renaudie & Lazarus, 2013: 68	Early Miocene-Late Miocene
N		1	1	S			<i>Botryopera deflandrei</i> Petrushevskaya, 1975: 592	e. Late Miocene
N		1	1	S			<i>Botryopera? gibbera</i> Renaudie & Lazarus, 2012: 47	Middle Miocene-Late Miocene
N		1	1	S			<i>Botryopera? leptostraca</i> Sugiyama, 1993: 60	e. Middle Miocene
N	nd	0	1	Sø			<i>Botryopera multiloba</i> Haeckel, 1887: 1109	[Quaternary]
N		1	1	S			<i>Botryopera piperata</i> Renaudie & Lazarus, 2015: 193	Late Oligocene-Pleistocene
N		1	1	S			<i>Botryopera? pseudoantarctica</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 124	e. Middle Eocene
N	nd	1	1	S			<i>Botryopera quinqueloba</i> Haeckel, 1887: 1109	[Quaternary]
N		1	1	S			<i>Botryopera vavato</i> Renaudie & Lazarus, 2015: 195	e. Late Miocene-Late Pliocene
N		1	1	S			<i>Botryopyle cristata</i> Dumitrica, 1978: 242	I. Middle Miocene
N		1	1	S			<i>Botryopyle dictyocephalus</i> Haeckel, 1887: 1113	[Quaternary]
N		1	1	S			<i>Botryopyle? dionisi</i> Petrushevskaya, 1975: 589	I. Early Miocene
N	nd	1	1	S			<i>Botryopyle erinaceus</i> Popofsky, 1913: 319	Living
N	nd	1	1	S			<i>Botryopyle hexapora</i> Popofsky, 1913: 318	Living
N	nd	1	1	S			<i>Botryopyle inclusa</i> Haeckel, 1887: 1113	[Quaternary]
N	nn	1	0	Sf			<i>Botryopyle? kaptarenkoae</i> Gorbunov, 1979	Middle Eocene-Late Eocene
N	nn	0	1	Sd	syn		<i>Tripodiscinus? kaptarenkoae</i> Kozlova, 1999: 109	Middle Eocene
N	nd	1	1	S		Td	<i>Botryopyle sethocorys</i> Haeckel, 1887: 1112	[Quaternary]
N		1	1	S		T	<i>Botryopyle setosa</i> Cleve, 1899: 27	Living
N		1	1	S			<i>Botryopyle stenostoma</i> Meunier, 1910: 198	Living
N		1	1	S			<i>Botryostrobos bramlettei pretumidulus</i> Caulet, 1979: 129	Pliocene
N		1	1	S			<i>Botryostrobos exstructus</i> Renaudie & Lazarus, 2016: 34	Early Miocene-Early Pliocene
N		1	1	S			<i>Botryostrobos hollisi</i> O'Connor, 1997b: 105	e. Early Miocene
N		1	1	S			<i>Botryostrobos joides</i> Petrushevskaya, 1975: 585	Late Eocene-Early Oligocene
N		1	1	S			<i>Botryostrobos joides narratus</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 148	Late Eocene
N		1	1	S			<i>Botryostrobos kerguelensis</i> Caulet, 1991: 535	Late Eocene-Late Oligocene
N		1	1	S			<i>Botryostrobos? parsonsae</i> Hollis, 1997: 58	Early Paleocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Botryostrobus rednosus</i> Caulet, 1991: 535	Late Eocene-Early Oligocene
N		1	1	S			<i>Brachiospyris alata</i> Riedel, 1959: 293	e. Middle Miocene
N	nd	1	1	S			<i>Brachiospyris martini</i> Middour in Frizzell & Middour, 1951: 28	Late Paleocene
N	nd	1	1	S			<i>Brachiospyris? megaloporaspyris</i> Clark & Campbell, 1942: 55	e. Middle Eocene
N		1	1	S			<i>Brachiospyris simplex</i> Riedel, 1959: 293	Early Miocene
S	nd	1	1	S		Td	<i>Briorradiolites aguilariensis</i> Alvira-Martin, 1972a: 21	[Miocene]
C		1	1	S		Ts	<i>Buccinosphaera invaginata</i> Haeckel, 1887: 99	Living
C	nd	0	1	Sø			<i>Buccinosphaera invaginata</i> var. <i>a</i> Hilmer, 1906: 26	Living
C	nd	0	1	Sø			<i>Buccinosphaera tubaria</i> Haeckel, 1887: 99	Living
N		1	1	S			<i>Buryella? alifera</i> Kozlova, 1983: 93	Paleocene?
N		1	1	S			<i>Buryella clinata</i> Foreman, 1973: 433	Early Eocene-Middle Eocene
N		1	1	S			<i>Buryella? dumitricai</i> Petrushevskaya, 1977: 17	Early Paleogene
N		1	1	S			<i>Buryella? foremanae</i> Petrushevskaya, 1977: 16	Early Paleogene
N		1	1	S			<i>Buryella helenae</i> O'Connor, 2001: 8	Early Paleocene-Late Paleocene
N		1	1	S			<i>Buryella kaikoura</i> Hollis, 1997: 81	Late Paleocene
N		1	1	S			<i>Buryella longa</i> Kozlova, 1999: 136	Early Eocene
N		1	1	S			<i>Buryella pentadica</i> Foreman, 1973: 433	Late Paleocene
N		1	1	S			<i>Buryella petrushevskayae</i> O'Connor, 2001: 10	Early Paleocene-Late Paleocene
N		1	1	S		T	<i>Buryella tetradica</i> Foreman, 1973: 433	Late Paleocene-Early Eocene
N		1	1	S			<i>Buryella tetradica</i> var. <i>A</i> Sanfilippo & Blome, 2001: 210	Late Paleocene
N		1	1	S			<i>Buryella tridica</i> O'Connor, 2001: 11	Early Paleocene-Late Paleocene
S		1	1	S		T	<i>Calcaromma calcarea</i> Thomson, 1877: 232-233	Living
N		1	1	S			<i>Callimitra agnesae</i> Haeckel, 1887: 1217	[Quaternary]
N		1	1	S			<i>Callimitra annae</i> Haeckel, 1887: 1217	[Quaternary]
N		1	1	S			<i>Callimitra atavia</i> Goll, 1979: 388	Early Oligocene-e. Late Miocene
N		1	1	S		T	<i>Callimitra carolotae</i> Haeckel, 1887: 1217	[Quaternary]
N		1	1	S			<i>Callimitra elisabethae</i> Haeckel, 1887: 1218	[Quaternary]
N		1	1	S			<i>Callimitra emmae</i> Haeckel, 1887: 1218	[Quaternary]
N		1	1	S			<i>Callimitra sharonae</i> Goll, 1979: 392	Early Pliocene-Pleistocene
N		1	1	S			<i>Callimitra solocicribrata</i> Takahashi, 1991: 100	Living
N		1	1	S			<i>Calocyclus (Calocykletta) cylindrica</i> Nakaseko, 1955: 101	l. Early Miocene
N		1	1	S			<i>Calocyclus (Calocykletta) extensa</i> Clark & Campbell, 1942: 85	e. Middle Eocene
N		1	1	S			<i>Calocyclus (Calocykletta) extensa contracta</i> Clark & Campbell, 1942: 85	e. Middle Eocene
N		1	1	S			<i>Calocyclus (Calocykletta) hannai</i> Campbell & Clark, 1944: 48	e. Late Miocene
N		1	1	S			<i>Calocyclus (Calocykletta) litos</i> Clark & Campbell, 1945: 44	e. Middle Eocene
N		1	1	S			<i>Calocyclus (Calocykletta) margatensis</i> Campbell & Clark, 1944: 47	e. Late Miocene
N		1	1	S			<i>Calocyclus (Calocykletta) ovata</i> Nakaseko, 1955: 103	l. Early Miocene
N		1	1	S			<i>Calocyclus (Calocykletta) semipolita</i> Clark & Campbell, 1942: 83	e. Middle Eocene
N		1	1	S			<i>Calocyclus (Calocykletta) semipolita robusta</i> Clark & Campbell, 1942: 84	e. Middle Eocene
N		1	1	S			<i>Calocyclus (Calocykletta) semipolita semipolita</i> Clark & Campbell, 1942: 83	e. Middle Eocene
N		1	1	S			<i>Calocyclus (Calocyklissa) advena</i> Clark & Campbell, 1945: 44	e. Middle Eocene
N		1	1	S		Ts	<i>Calocyclus (Calompterium) rachiphora</i> Clark & Campbell, 1945: 45	e. Middle Eocene
N		1	1	S			<i>Calocyclus aculeata</i> Carnevale, 1908: 46	e. Middle Miocene
N		1	1	S			<i>Calocyclus amicae</i> Haeckel, 1887: 1382	[Quaternary]
N		1	1	S			<i>Calocyclus aphradia</i> Sanfilippo & Blome, 2001: 202	l. Middle Eocene-Late Eocene
N	nd	0	1	Sø			<i>Calocyclus aspasia</i> Haeckel, 1887: 1385	[Quaternary]
N		0	1	Su			<i>Calocyclus barbadensis</i> Ehrenberg, 1874b: 217	l. Middle Eocene
N		1	0	Sf	syn		<i>Calocyclus barbadensis</i> Ehrenberg, 1876: 66-67	l. Middle Eocene
N		1	1	S		T	<i>Calocyclus casta</i> Haeckel, 1887: 1384	[Quaternary]
N		1	1	S			<i>Calocyclus coronata</i> Carnevale, 1908: 46	e. Middle Miocene
N	nd	1	1	S			<i>Calocyclus coronata</i> var. <i>globosa</i> Lucchese, 1927: 105	e. Middle Miocene
N		1	1	S		Ts	<i>Calocyclus costata</i> Riedel, 1959: 296	Early Miocene
N		1	1	S			<i>Calocyclus crassa</i> Kim, 1992: 42	l. Middle Eocene-Late Eocene
N		1	1	S			<i>Calocyclus destefanii</i> Carnevale, 1908: 33	e. Middle Miocene
N		1	1	S			<i>Calocyclus disparidens</i> Chen, 1974: 488	e. Middle Miocene
N		1	1	S			<i>Calocyclus hispida</i> var. <i>A</i> Sanfilippo & Blome, 2001: 211	Early Eocene
N	nd	0	1	Sø			<i>Calocyclus hyalogaster</i> Haeckel, 1887: 1383	[Quaternary]
N	nd	0	1	Sø			<i>Calocyclus minervae</i> Haeckel, 1887: 1382	[Quaternary]
N		1	1	S		T	<i>Calocyclus monumentum</i> Haeckel, 1887: 1385	[Quaternary]
N		1	1	S			<i>Calocyclus motoyamai</i> Kamikuri, 2010: 100	l. Middle Miocene
N		1	1	S			<i>Calocyclus? nakasekoi</i> Takemura & Ling, 1998: 160	l. Middle Eocene
N		1	1	S			<i>Calocyclus parthenia</i> Haeckel, 1887: 1385	[Living]
N	nd	0	1	Sø			<i>Calocyclus pudica</i> Haeckel, 1887: 1384	[Quaternary]
N	nd	0	1	Sø			<i>Calocyclus sacerdotis</i> Haeckel, 1887: 1382	[Quaternary]
N		1	1	S			<i>Calocyclus talwanii</i> Bjørklund & Kellogg, 1972: 387	Late Eocene
N		0	1	Su			<i>Calocyclus turris</i> Ehrenberg, 1874b: 218	l. Middle Eocene
N		1	0	Sf	syn	T	<i>Calocyclus turris</i> Ehrenberg, 1876: 66-67	l. Middle Eocene
N		1	1	S		Ts	<i>Calocyclus veneris</i> Haeckel, 1887: 1381	Middle Miocene
N		1	1	S			<i>Calocyclus vestalis</i> Haeckel, 1887: 1382	[Quaternary]
N		1	1	S			<i>Calocyclus virginis</i> Haeckel, 1887: 1381	[Quaternary]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Calocycletta (Calocycletta) anekathen</i> Sanfilippo & Nigrini in Nigrini et al., 2006: 27	Late Eocene-Early Oligocene?
N		1	1	S			<i>Calocycletta (Calocycletta) cladara</i> Sanfilippo & Riedel, 1992: 30	e. Late Miocene
N		1	1	S		Ts	<i>Calocycletta caepa</i> Moore, 1972: 150	Middle Miocene-Late Miocene
N		1	1	S			<i>Calocycletta mizunamiensis</i> Sugiyama & Furutani, 1992: 206	e. Middle Miocene
N		1	1	S			<i>Calocycletta parva</i> Moore, 1972: 148	Late Oligocene
N		1	1	S			<i>Calocycletta robusta</i> Moore, 1971: 743	Late Oligocene
N		1	1	S		Ts	<i>Calocycletta serrata</i> Moore, 1972: 148	Early Miocene
N	nd	0	1	Sø			<i>Calpoppaena enneaphylla</i> Haeckel, 1887: 1176	Living
N	nd	0	1	Sø			<i>Calpoppaena ennearhabda</i> Haeckel, 1887: 1176	[Quaternary]
N	nd	0	1	Sø			<i>Calpoppaena hexacorethra</i> Haeckel, 1887: 1177	[Quaternary]
N		1	1	S			<i>Calpoppaena hexarrhabda</i> Haeckel, 1887: 1176	[Quaternary]
N		1	1	S			<i>Calpoppaena pentarrhabda</i> Chen et al., 2017: 277	Late Pleistocene
N	nd	0	1	Sø			<i>Calpoppaena petalospyris</i> Haeckel, 1887: 1177	[Quaternary]
N	nd	0	1	Sø		Td	<i>Calpoppaena tetracorethra</i> Haeckel, 1887: 1177	[Quaternary]
N	nd	0	1	Sø		Td Ti	<i>Calpoppaena tetrarrhabda</i> Haeckel, 1887: 1176	[Quaternary]
C		1	1	S			<i>Camino-sphaera dendrophora</i> Haeckel, 1887: 112	[Quaternary]
C		1	1	S			<i>Camino-sphaera dichotoma</i> Haeckel, 1887: 112	Living
C	nd	0	1	Sø			<i>Camino-sphaera elongata</i> Haeckel, 1887: 111	[Quaternary]
C	nd	0	1	Sø		Td	<i>Camino-sphaera furcata</i> Haeckel, 1887: 111	[Quaternary]
W		1	1	S		Te	<i>Campanula elegans</i> Alvira-Martin, 1972b: 206	[Late Miocene]
N		1	1	S		Ts Th	<i>Campylacantha cladophora</i> Jørgensen, 1905: 129	Living
S		1	1	S			<i>Cannartidium (Cannartidium) amphicylindrum</i> Nakaseko, 1955: 90	l. Early Miocene
S		1	1	S			<i>Cannartidium ampicanna</i> Haeckel, 1887: 374	[Late Eocene]
S	nd	0	1	Sø		Td	<i>Cannartidium ampiconicum</i> Haeckel, 1887: 373	[Quaternary]
S		1	1	S			<i>Cannartidium bassanii</i> Carnevale, 1908: 21	e. Middle Miocene
S		1	1	S			<i>Cannartidium bicinctum</i> Haeckel, 1887: 374	[Quaternary]
S		1	1	S		Ts	<i>Cannartidium mammiferum</i> Haeckel, 1887: 375	[Early Miocene]
S		1	1	S			<i>Cannartidium mastophorum</i> Haeckel, 1887: 375	[Quaternary]
S		1	1	S		Ts	<i>Cannartiscus ampiconicus</i> Haeckel, 1887: 372	[Quaternary]
S	nd	0	1	Sø			<i>Cannartiscus ampicylindrus</i> Haeckel, 1887: 373	[Early Miocene]
S		1	1	S			<i>Cannartiscus canavarii</i> Vinassa de Regny, 1900: 574	l. Early Miocene
S		1	1	S			<i>Cannartiscus marylandicus</i> Martin, 1904: 457	Miocene
S	nd	0	1	Sø			<i>Cannartus biscottus</i> Haeckel, 1887: 359	[Quaternary]
S	nd	0	1	Sø			<i>Cannartus bitubulus</i> Haeckel, 1887: 359	[Quaternary]
S		1	1	S			<i>Cannartus haeckelianus</i> Vinassa de Regny, 1900: 574	l. Early Miocene
S		1	1	S			<i>Cannartus laticonus</i> Riedel, 1959: 291	Early Miocene-Middle Miocene
S		1	1	S			<i>Cannartus? petterssoni</i> Riedel & Sanfilippo, 1970: 520	Miocene
S		1	1	S		T	<i>Cannartus violina</i> Haeckel, 1887: 358	[Early Miocene]
N	nd	1	1	S			<i>Cannobotrys cortina</i> Haeckel, 1887: 1110	[Quaternary]
N	nd	0	1	Sø		Td	<i>Cannobotrys dicanna</i> Haeckel, 1887: 1110	Living
N	nd	0	1	Sø		Td	<i>Cannobotrys monocanna</i> Haeckel, 1887: 1110	[Quaternary]
N	nd	0	1	Sø		Td	<i>Cannobotrys pentacanna</i> Haeckel, 1887: 1111	[Quaternary]
N	nd	0	1	Sø			<i>Cannobotrys sagittalis</i> Haeckel, 1887: 1110	[Quaternary]
N	nd	0	1	Sø		Td	<i>Cannobotrys tetracanna</i> Haeckel, 1887: 1111	[Quaternary]
N	nd	1	1	S		Td	<i>Cannobotrys tricanna</i> Haeckel, 1887: 1110	[Quaternary]
W		1	1	S		Te	<i>Cannosphaeropsis utinensis</i> Wetzel, 1933: 52	
N	nd	0	1	Sø		Td	<i>Cantharospyris carabus</i> Haeckel, 1887: 1051	[Quaternary]
N	nd	1	1	S			<i>Cantharospyris dospalosensis</i> Clark & Campbell, 1945: 32	e. Middle Eocene
N		1	1	S			<i>Cantharospyris macropodus</i> Clark & Campbell, 1942: 57	e. Middle Eocene
N		1	1	S			<i>Cantharospyris myxosomphos</i> Clark & Campbell, 1945: 32	e. Middle Eocene
N		1	1	S		T	<i>Cantharospyris platybursa</i> Haeckel, 1887: 1051	[Quaternary]
N	nd	1	1	S			<i>Cantharospyris senaria</i> Kozlova in Kozlova & Gorbovetz, 1966: 93	Early Eocene
N		1	1	S			<i>Cantharospyris tuberculatus</i> Carnevale, 1908: 28	e. Middle Miocene
N		1	1	S			<i>Carpocanistrum acephalum</i> Haeckel, 1887: 1171	[Quaternary]
N		1	1	S			<i>Carpocanistrum acutidentatum</i> Takahashi, 1991: 132	Living
N		1	1	S			<i>Carpocanistrum? azyx</i> Sanfilippo & Riedel, 1973: 530	e. Middle Eocene
N		1	1	S			<i>Carpocanistrum brevispina</i> Vinassa de Regny, 1900: 579	l. Early Miocene
N		1	1	S			<i>Carpocanistrum evacuatium</i> Haeckel, 1887: 1172	[Quaternary]
N		1	1	S			<i>Carpocanistrum flosculum</i> Haeckel, 1887: 1171	Living
N	nd	0	1	Sø			<i>Carpocanistrum giganteum</i> Haeckel, 1887: 1171	[Eocene]
N	nd	0	1	Sø		Td	<i>Carpocanistrum novenum</i> Haeckel, 1887: 1171	Living
N		0	1	Su			<i>Carpocanium? arachnodiscus</i> Ehrenberg, 1862b: 296	Holocene
N		1	0	Sf	syn		<i>Carpocanium arachnodiscus</i> Ehrenberg, 1873b: 286-287	Holocene
N		1	1	S			<i>Carpocanium blastogenicum</i> Chen & Tan, 1996: 261	Holocene
N		1	1	S		Ts	<i>Carpocanium calycothes</i> Stöhr, 1880: 96	[e. Late Miocene]
N	nd	1	1	S			<i>Carpocanium campanula</i> Stöhr, 1880: 96	[e. Late Miocene]
N		0	1	Su			<i>Carpocanium coronatum</i> Ehrenberg, 1859: 30	l. Middle Eocene
N		1	0	Sf	syn		<i>Carpocanium coronatum</i> Ehrenberg, 1876: 66-67	l. Middle Eocene
N	nd	0	1	Sø			<i>Carpocanium cylindricum</i> Haeckel, 1887: 1281	[Quaternary]
N	nd	0	1	Sø			<i>Carpocanium dactylus</i> Haeckel, 1887: 1284	[Quaternary]



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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		0	1	Su			<i>Carpocanium diadema</i> Haeckel, 1861b: 835	Living
N		1	0	Sf	syn		<i>Carpocanium diadema</i> Haeckel, 1862: 290	Living
N	nd	0	1	Sø			<i>Carpocanium enneaphyllum</i> Haeckel, 1887: 1281	[Quaternary]
N		1	1	S			<i>Carpocanium ensigerum</i> Tan & Su, 1982: 174	Holocene
N	nd	0	1	Sø			<i>Carpocanium gemmula</i> Haeckel, 1887: 1282	[Quaternary]
N		1	1	S			<i>Carpocanium hexagonale</i> Haeckel, 1887: 1282	Living
N		1	1	S			<i>Carpocanium irregulare</i> Haeckel, 1887: 1284	Living
N		1	1	S			<i>Carpocanium kinugasense</i> Nishimura, 1990: 167	Middle Miocene
N	nd	0	1	Sø			<i>Carpocanium laeve</i> Ehrenberg, 1873a: 302	Holocene
N	nd	0	1	Sø			<i>Carpocanium lagenae</i> Seguenza, 1880: 231	Early Pliocene
N	nd	0	1	Sø			<i>Carpocanium lanceolatum</i> Haeckel, 1887: 1280	[Quaternary]
N	nd	0	1	Sø			<i>Carpocanium macropterum</i> Ehrenberg, 1873a: 302	Holocene
N	nn	0	0	Sp	pre		<i>Carpocanium microdon</i> Ehrenberg, 1858: 549	
N		0	1	Su			<i>Carpocanium microdon</i> Ehrenberg, 1859: 30	Holocene
N		1	0	Sf	syn		<i>Carpocanium microdon</i> Suzuki et al., 2009a	Holocene
N	nd	0	1	Sø			<i>Carpocanium minimum</i> Seguenza, 1880: 231	Early Pliocene
N		1	1	S			<i>Carpocanium nigrinae</i> Haeckel, 1873a: 302	Middle Pleistocene-Late Pleistocene
N		1	1	S			<i>Carpocanium pachydermicum</i> Chen & Tan, 1996: 261	Holocene
N	nd	0	1	Sø			<i>Carpocanium palmipes</i> Haeckel, 1887: 1283	[Quaternary]
N		1	1	S			<i>Carpocanium peristomium</i> Haeckel, 1887: 1283	[Quaternary]
N		1	1	S			<i>Carpocanium petalospyris</i> Haeckel, 1887: 1283	[Quaternary]
N		1	1	S			<i>Carpocanium praecursor</i> Kruglikova, 1978: 89	Early Pleistocene-Middle Pleistocene
N	nn	0	0	Sø			<i>Carpocanium proserpinae</i> Ehrenberg, 1861a: 767	Holocene
N		1	1	S			<i>Carpocanium pulchrum</i> Carnevale, 1908: 30	e. Middle Miocene
N		1	1	S			<i>Carpocanium rubyae</i> O'Connor, 1997b: 107	e. Early Miocene
N	nd	0	1	Sø			<i>Carpocanium spinescens</i> Seguenza, 1880: 231	Early Pliocene
N	nd	1	1	S		Td	<i>Carpocanium trepanium</i> Haeckel, 1887: 1282	Living
N		1	1	S			<i>Carpocanium? uburex</i> Renaudie & Lazarus, 2012: 41	l. Early Pleistocene
N		1	1	S			<i>Carpocanium verecundum</i> Haeckel, 1887: 1284	[Quaternary]
N		1	1	S			<i>Carpocanium virgineum</i> Haeckel, 1887: 1285	[Quaternary]
N		1	1	S			<i>Carpocanopsis ballisticum</i> O'Connor, 1999: 11	Late Eocene
N		1	1	S			<i>Carpocanopsis bramlettei</i> Riedel & Sanfilippo, 1971: 1597	Early Miocene-Middle Miocene
N		1	1	S		T	<i>Carpocanopsis cingulatum</i> Riedel & Sanfilippo, 1971: 1597	Late Oligocene-Middle Miocene
N		1	1	S			<i>Carpocanopsis obovata</i> Tan & Su, 1982: 175	Holocene-Living
S		1	1	S		T	<i>Carpocanthum lubricum</i> Chen & Tan, 1989: 6	Pleistocene-Holocene
S	nd	1	1	S			<i>Carposphaera (Carposphaera) frizzelli</i> Middour in Frizzell & Middour, 1951: 10	Late Paleocene
S	nd	1	1	S			<i>Carposphaera (Carposphaera) milesi</i> Middour in Frizzell & Middour, 1951: 11	Late Paleocene
S	nd	1	1	S			<i>Carposphaera (Cerasosphaera) minima</i> Clark & Campbell, 1942: 21	e. Middle Eocene
S	nd	1	1	S			<i>Carposphaera (Melittosphaera) buxiformis</i> Clark & Campbell, 1942: 21	e. Middle Eocene
S		1	1	S			<i>Carposphaera (Melittosphaera) globosa</i> Clark & Campbell, 1945: 9	e. Middle Eocene
S		1	1	S			<i>Carposphaera (Melittosphaera) magnaporulosa</i> Clark & Campbell, 1942: 21	e. Middle Eocene
S	nd	1	1	S			<i>Carposphaera aculeata</i> Lucchese, 1927: 82	e. Middle Miocene
S		1	1	S			<i>Carposphaera? annikae</i> Renaudie & Lazarus, 2012: 35	e. Late Miocene-l. Late Miocene
S	nd	0	1	Sø			<i>Carposphaera areca</i> Haeckel, 1887: 74	Living
S	nd	0	1	Sø			<i>Carposphaera belladonna</i> Haeckel, 1887: 74	Living
S	nd	0	1	Sø			<i>Carposphaera borassus</i> Haeckel, 1887: 75	Living
S	nd	0	1	Sø			<i>Carposphaera capillacea</i> Haeckel, 1887: 72	Living
S	nd	0	1	Sø		Td	<i>Carposphaera cerasus</i> Haeckel, 1887: 73	Living
S	nd	0	1	Sø			<i>Carposphaera corypha</i> Haeckel, 1887: 75	Living
S	nd	1	1	S			<i>Carposphaera crassa</i> Chediya et al., 1971: 50	Paleocene
S	nd	0	1	Sø			<i>Carposphaera cubaxonia</i> Haeckel, 1887: 72	Living
S	nd	1	1	S			<i>Carposphaera granda</i> Chediya et al., 1971: 54	Paleocene
S	nd	0	1	Sø			<i>Carposphaera maxima</i> Haeckel, 1887: 76	[Quaternary]
S		1	1	S			<i>Carposphaera megapora</i> Lipman, 1972: 44	Late Eocene
S	nd	0	1	Sø			<i>Carposphaera melissa</i> Haeckel, 1887: 73	[Early Miocene]
S		1	1	S		T	<i>Carposphaera melittomma</i> Haeckel, 1887: 73	[Quaternary]
S	nd	0	1	Sø			<i>Carposphaera micrococcus</i> Haeckel, 1887: 75	Living
S	nd	1	1	S			<i>Carposphaera microporulosa</i> Lipman, 1972: 43	Late Eocene
S		1	1	S			<i>Carposphaera miocaenica</i> Principi, 1909: 4	Middle Miocene
S		1	1	S			<i>Carposphaera nobilis</i> var. Dreyer, 1890: 6	e. Middle Miocene
S		1	1	S		T Ti	<i>Carposphaera nodosa</i> Haeckel, 1887: 76	[Quaternary]
S	nd	0	1	Sø		Td	<i>Carposphaera prunulum</i> Haeckel, 1887: 74	Living
S		1	1	S			<i>Carposphaera raiai</i> Blueford, 1982: 199	e. Middle Miocene-l. Middle Miocene
S		1	1	S			<i>Carposphaera rara</i> Carnevale, 1908: 8	e. Middle Miocene
S		1	1	S			<i>Carposphaera serratifora</i> Vinassa de Regny, 1900: 567	l. Early Miocene
S	nd	1	1	S			<i>Carposphaera sexaxialis</i> Borisenko, 1960a: 201	Late Paleocene
S		1	1	S			<i>Carposphaera stoeberi</i> Vinassa de Regny, 1900: 567	l. Early Miocene
S	nd	1	1	S			<i>Carposphaera subbotinae</i> Borisenko, 1958: 85	Paleocene
S	nd	1	1	S			<i>Carposphaera ugolunii</i> Principi, 1909: 4	Middle Miocene
S	nd	1	1	S			<i>Carposphaera usunensis</i> Lipman, 1950: 55	Late Eocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Carposphaera waltheri</i> Dreyer, 1890: 7	e. Middle Miocene
S	nn	0	0	Sø		Tn	<i>Caryolithis crenata</i> Ehrenberg, 1847: 43	[Miocene]
S		1	1	S			<i>Caryomma heterocyclum</i> Mast, 1910: 170	Living
S	nd	0	1	Sø			<i>Caryomma irregulare</i> Haeckel, 1887: 266	[Quaternary]
S	nd	0	1	Sø		Td	<i>Caryomma regulare</i> Haeckel, 1887: 265	[Early Miocene]
S	nd	0	1	Sø			<i>Caryosphaera hexalepas</i> Haeckel, 1887: 86	[Early Miocene]
S	nd	0	1	Sø		Td	<i>Caryosphaera pentalepas</i> Haeckel, 1887: 86	[Quaternary]
S		1	1	S			<i>Caryosphaera? polysphaerica</i> Bütschli, 1882a: 504	[Eocene]
S	nd	1	1	S			<i>Caryosphaera sphaerica</i> Barwicz-Piskorz, 1978: 228	e. Middle Miocene
S	nd	0	1	Sø		Td	<i>Caryostylus hexalepas</i> Haeckel, 1887: 148	[Quaternary]
N		1	1	S			<i>Cassideus mariae</i> Nishimura, 1992: 333	Middle Paleocene
N		1	1	S		Ts	<i>Cecryphalium lamprodiscus</i> Haeckel, 1887: 1398	Living
N		1	1	S			<i>Cecryphalium sestrodiscus</i> Haeckel, 1887: 1399	Living
S	nd	1	1	S			<i>Cenellipsis (Cenellipsula) pecki</i> Middour in Frizzell & Middour, 1951: 19	Late Paleocene
S	nd	1	1	S			<i>Cenellipsis affinis</i> Borisenko, 1960b: 223	Early Eocene
S	nd	1	1	S			<i>Cenellipsis anuligera</i> Vinassa de Regny, 1900: 573	l. Early Miocene
S	nd	1	1	S			<i>Cenellipsis bergontianus</i> Carnevale, 1908: 19	e. Middle Miocene
S	nd	1	1	S			<i>Cenellipsis bergontianus</i> var. $\beta$ Carnevale, 1908: 19	e. Middle Miocene
S	nd	1	1	S			<i>Cenellipsis bergontianus</i> var. $\alpha$ Carnevale, 1908: 19	e. Middle Miocene
S	nd	0	1	Sø			<i>Cenellipsis circopora</i> Haeckel, 1887: 291	Living
S	nd	1	1	S			<i>Cenellipsis dreyeri</i> Vinassa de Regny, 1900: 573	l. Early Miocene
S	nd	1	1	S			<i>Cenellipsis elegans</i> Borisenko, 1958: 87	Paleocene
S	nd	1	1	S			<i>Cenellipsis ellipticum</i> Chen, 1987: 224	Pleistocene?
S	nd	1	1	S		Td	<i>Cenellipsis faceta</i> Haeckel, 1887: 291	Living
S	nd	1	1	S			<i>Cenellipsis? falsus</i> Krasheninnikov, 1960: 278	Early Eocene
S	nd	1	1	S			<i>Cenellipsis fusiformis</i> Borisenko, 1959: 38	Late Eocene
S	nd	0	1	Sø			<i>Cenellipsis heteropora</i> Haeckel, 1887: 292	Living
S	nd	1	1	S		Td Ti	<i>Cenellipsis infundibulum</i> Haeckel, 1887: 292	[Quaternary]
S	nd	1	1	S			<i>Cenellipsis? lens</i> Vinassa de Regny, 1900: 573	l. Early Miocene
S	nd	0	1	Sø			<i>Cenellipsis maxima</i> Haeckel, 1887: 292	Living
S	nd	0	1	Sø			<i>Cenellipsis micropora</i> Haeckel, 1887: 291	Living
S	nd	1	1	S			<i>Cenellipsis micrus</i> Borisenko, 1958: 86	Paleocene
S	nd hom	1	1	S			<i>Cenellipsis minuta</i> Barwicz-Piskorz, 1978: 231	e. Middle Miocene
S	nd	0	1	Sø			<i>Cenellipsis oblonga</i> Haeckel, 1887: 293	[Quaternary]
S	nd	1	1	S			<i>Cenellipsis ovooides</i> Principi, 1909: 9	Middle Miocene
S	nd	0	1	Sø			<i>Cenellipsis ovulum</i> Haeckel, 1887: 292	Living
S	nd	1	1	S			<i>Cenellipsis ovum</i> Vinassa de Regny, 1900: 572	l. Early Miocene
S	nd	1	1	S			<i>Cenellipsis parvipora</i> Vinassa de Regny, 1900: 572	l. Early Miocene
S	nd	0	1	Sø			<i>Cenellipsis primitiva</i> Haeckel, 1887: 291	Living
S	nd	1	1	S			<i>Cenellipsis raripora</i> Vinassa de Regny, 1900: 573	l. Early Miocene
S	nd	1	1	S			<i>Cenellipsis scabra</i> Vinassa de Regny, 1900: 573	l. Early Miocene
S	nd	1	1	S			<i>Cenellipsis scrupulus</i> Krasheninnikov, 1960: 278	Early Eocene
S	nd	1	1	S			<i>Cenellipsis simonelli</i> Principi, 1909: 10	Middle Miocene
S	nd	1	1	S			<i>Cenellipsis torosa</i> Kozlova, 1960: 310	Miocene
S	nd	1	1	S			<i>Cenellipsis ugoi</i> Principi, 1909: 10	Middle Miocene
S	nd	1	1	S			<i>Cenellipsis variabilis</i> Borisenko, 1958: 86	Paleocene
S	nd	1	1	S			<i>Cenodiscus akojensis</i> Lipman, 1950: 57	Late Eocene
S	nd	1	1	S			<i>Cenodiscus alaicus</i> Chediya & Strutschova in Chediya, 1973: 93	Late Eocene
S	nd	1	1	S			<i>Cenodiscus altus</i> Borisenko, 1958: 93	Paleocene
S	nd	1	1	S			<i>Cenodiscus alveolatus</i> Lipman, 1949: 115	Early Eocene
S	nd	1	1	S			<i>Cenodiscus biconvexus</i> Lipman, 1949: 115	Early Eocene
S	nd	1	1	S			<i>Cenodiscus crassus</i> Borisenko, 1959: 39	Late Eocene
S	nd	1	1	S			<i>Cenodiscus cribriformis</i> Borisenko, 1958: 92	Paleocene
S	nd	1	1	S			<i>Cenodiscus densus</i> Borisenko, 1958: 93	Paleocene
S	nd	1	1	S			<i>Cenodiscus discoides</i> Barwicz-Piskorz, 1978: 235	e. Middle Miocene
S	nd	1	1	S			<i>Cenodiscus drugowae</i> Lipman in Lipman <i>et al.</i> , 1960: 80	Late Eocene
S	nd	1	1	S			<i>Cenodiscus enormis</i> Borisenko, 1958: 92	Paleocene
S	nd	1	1	S			<i>Cenodiscus extremus</i> Moksyakova, 1970: 142	Late Eocene
S	nd	1	1	S			<i>Cenodiscus finitimus</i> Moksyakova, 1965: 247	Late Eocene
S	nd	1	1	S			<i>Cenodiscus giganteus</i> Lipman, 1975: 54	e. Middle Eocene
S	nd	1	1	S			<i>Cenodiscus gracilis</i> Chediya & Zainutdinov, 1973: 60	Eocene
S	nd	1	1	S			<i>Cenodiscus gratus</i> Borisenko, 1959: 39	Late Eocene
S	nd	1	1	S			<i>Cenodiscus hexaporicus</i> Chediya & Zainutdinov, 1973: 57	Eocene
S	nd	1	1	S			<i>Cenodiscus hexaporicus ispharensis</i> Chediya & Zainutdinov, 1973: 59	Eocene
S	nd	1	1	S			<i>Cenodiscus hexaporicus turkestanicus</i> Chediya & Zainutdinov, 1973: 58	Eocene
S	nd	1	1	S			<i>Cenodiscus intectus</i> Krasheninnikov, 1960: 283	Early Eocene
S	nd	1	1	S			<i>Cenodiscus karakalpakensis</i> Lipman, 1950: 57	Late Eocene
S	nd	1	1	S			<i>Cenodiscus latus</i> Lipman, 1975: 55	e. Middle Eocene
S	nd	0	1	Sø			<i>Cenodiscus lenticula</i> Haeckel, 1887: 412	[Quaternary]
S	nd	1	1	S			<i>Cenodiscus lenticularis</i> Lipman, 1953: 141	Middle Eocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	1	1	S			<i>Cenodiscus longus</i> Borisenko, 1958: 91	Paleocene
S	nd	1	1	S			<i>Cenodiscus magnus</i> Borisenko, 1958: 90	Paleocene
S	nd	1	1	S			<i>Cenodiscus medius</i> Borisenko, 1958: 94	Paleocene
S	nd	1	1	S			<i>Cenodiscus micropora</i> Lipman in Lipman <i>et al.</i> , 1960: 80	Late Eocene
S	nd	1	1	S			<i>Cenodiscus mirus</i> Borisenko, 1958: 90	Paleocene
S	nd	1	1	S			<i>Cenodiscus? nativus</i> Borisenko, 1958: 91	Paleocene
S	nd	1	1	S			<i>Cenodiscus parvus</i> Moksyakova, 1970: 141	Late Eocene
S	nd	1	1	S		Td	<i>Cenodiscus phacoides</i> Haeckel, 1887: 411	[Quaternary]
S	nd	1	1	S			<i>Cenodiscus planulatus</i> Moksyakova, 1961: 237	Late Eocene
S	nd	1	1	S			<i>Cenodiscus planus</i> Moksyakova, 1970: 140	Late Eocene
S	nd	1	1	S			<i>Cenodiscus plotkini</i> Borisenko, 1959: 38	Late Eocene
S	nd	1	1	S			<i>Cenodiscus rarus</i> Borisenko, 1960b: 228	Early Eocene
S	nd	1	1	S			<i>Cenodiscus rectus</i> Borisenko, 1958: 92	Paleocene
S	nd	1	1	S			<i>Cenodiscus reticulatus</i> Borisenko, 1960a: 202	Late Paleocene
S	nd	0	1	Sø			<i>Cenodiscus rotula</i> Haeckel, 1887: 412	[Quaternary]
S	nd	1	1	S			<i>Cenodiscus specificus</i> Moksyakova, 1970: 142	Late Eocene
S	nd	1	1	S			<i>Cenodiscus spongoideus</i> Borisenko, 1958: 93	Paleocene
S	nd	1	1	S			<i>Cenodiscus subtilis</i> Moksyakova, 1970: 141	Late Eocene
S	nd	1	1	S			<i>Cenodiscus vulgaris</i> Moksyakova, 1970: 140	Late Eocene
S	nd	0	1	Sø			<i>Cenolarcus dimensivus</i> Haeckel, 1887: 607	Living
S	nd	0	1	Sø			<i>Cenolarcus lentellipticus</i> Haeckel, 1887: 607	Living
S	nd	0	1	Sø			<i>Cenolarcus minimus</i> Haeckel, 1887: 607	[Quaternary]
S	nd	1	1	S		Td	<i>Cenolarcus primordialis</i> Haeckel, 1887: 607	[Quaternary]
S	nd	0	1	Sø			<i>Cenolarcus triaxonius</i> Haeckel, 1887: 607	[Quaternary]
S	nd	1	1	S			<i>Cenolarcus usitatus</i> Kozlova, 1960: 314	Miocene
S	nd	1	1	S			<i>Cenosphaera (Circosphaera) eocenica</i> Clark & Campbell, 1945: 7	e. Middle Eocene
S	nd	1	1	S			<i>Cenosphaera (Circosphaera) jenkinsi</i> Campbell & Clark, 1944: 9	e. Late Miocene
S	nd	1	1	S			<i>Cenosphaera (Circosphaera) oceanica</i> Clark & Campbell, 1945: 7	e. Middle Eocene
S	nd	1	1	S			<i>Cenosphaera (Circulosphaera) veneris</i> Clark & Campbell, 1942: 20	e. Middle Eocene
S	nd	1	1	S			<i>Cenosphaera (Cyrtdosphaera) antarctica</i> Nakaseko, 1959a: 5	Holocene
S	nd	1	1	S			<i>Cenosphaera (Cyrtdosphaera) yosii</i> Nakaseko, 1959a: 5	Holocene
S	nd	1	1	S			<i>Cenosphaera (Phormosphaera) durhami</i> Campbell & Clark, 1944: 9	e. Late Miocene
S	nd	1	1	S			<i>Cenosphaera (Phormosphaera) megachile</i> Clark & Campbell, 1945: 6	e. Middle Eocene
S	nd	1	1	S			<i>Cenosphaera (Phormosphaera) nagatai</i> Nakaseko, 1959a: 6	Holocene
S	nd	1	1	S			<i>Cenosphaera (Porosphaera) reticulata</i> Clark & Campbell, 1945: 8	e. Middle Eocene
S	nd	1	1	S			<i>Cenosphaera abnormalis</i> Moksyakova, 1970: 137	Late Eocene
S	nd	1	1	S			<i>Cenosphaera acanthica</i> Stöhr, 1880: 86	[e. Late Miocene]
S	nd	1	1	S			<i>Cenosphaera aemiliana</i> Carnevale, 1908: 7	e. Middle Miocene
S	nd	0	1	Sø			<i>Cenosphaera anthophora</i> Haeckel, 1887: 63	Living
S	nd	0	1	Sø		Td	<i>Cenosphaera antiqua</i> Haeckel, 1887: 67	Living
S	nd	1	1	S			<i>Cenosphaera aspera</i> Stöhr, 1880: 85	[e. Late Miocene]
S	nd	0	1	Sø			<i>Cenosphaera bombus</i> Haeckel, 1887: 63	[Quaternary]
S	nd	1	1	S			<i>Cenosphaera carnevalei</i> Lucchese, 1927: 81	e. Middle Miocene
S	nd	1	1	S			<i>Cenosphaera caucasica</i> Borisenko, 1958: 83	Paleocene
S	nd	1	1	S			<i>Cenosphaera caucasica</i> var. <i>caucasica</i> Borisenko, 1958: 84	Paleocene
S	nd	1	1	S			<i>Cenosphaera cellulosa</i> Moksyakova, 1961: 233	Late Eocene
S	nd	1	1	S			<i>Cenosphaera compacta</i> Haeckel, 1887: 65	[Quaternary]
S	nd	1	1	S			<i>Cenosphaera compressa</i> Krasheninnikov, 1960: 274	Early Eocene
S	nd	1	1	S			<i>Cenosphaera conicoporata</i> Chediya, 1973: 87	Late Eocene
S	nd	1	1	S			<i>Cenosphaera contracta</i> Borisenko, 1960b: 221	Late Paleocene
S	nd	1	1	S			<i>Cenosphaera cornospinula</i> Chen <i>et al.</i> , 2017: 269	Holocene
S	nd	1	1	S			<i>Cenosphaera coronata</i> Haeckel, 1887: 67	[Quaternary]
S	nd	1	1	S			<i>Cenosphaera coronataformis</i> Shilov, 1995a: 107	Early Miocene
S	nd	0	1	Sø			<i>Cenosphaera crassa</i> Haeckel, 1887: 65	[Early Miocene]
S	nd	0	1	Sø			<i>Cenosphaera cristata</i> Haeckel, 1887: 66	Living
S	nd	1	1	S			<i>Cenosphaera cubanica</i> Borisenko, 1958: 84	Paleocene
S	nd	1	1	S			<i>Cenosphaera destefanii</i> Principi, 1909: 3	Middle Miocene
S	nd	1	1	S			<i>Cenosphaera doderleini</i> Vinassa de Regny, 1900: 567	l. Early Miocene
S	nd	0	1	Sø			<i>Cenosphaera echinus</i> Seguenza, 1880: 230	Early Pliocene
S	nd	1	1	S			<i>Cenosphaera elysia</i> Haeckel, 1887: 64	[Quaternary]
S	nd	0	1	Sø			<i>Cenosphaera eridani</i> Haeckel, 1887: 64	[Quaternary]
S	nd	1	1	S			<i>Cenosphaera expansa</i> Moksyakova, 1970: 128	Late Eocene
S	nd	1	1	S			<i>Cenosphaera exspinosa</i> Chen <i>et al.</i> , 2017: 270	Late Pleistocene
S	nd	1	1	S			<i>Cenosphaera faceta</i> Krasheninnikov, 1960: 274	Early Eocene
S	nd	1	1	S			<i>Cenosphaera favosa</i> Haeckel, 1887: 62	Living
S	nd	1	1	S			<i>Cenosphaera favosita</i> Borisenko, 1959: 34	Late Eocene
S	nd	1	1	S			<i>Cenosphaera germinis</i> Tan & Chen, 1999: 124	Holocene?
S	nd	0	1	Sø			<i>Cenosphaera gigantea</i> Haeckel, 1887: 67	[Early Miocene]
S	nd	1	1	S			<i>Cenosphaera givitza</i> Borisenko, 1958: 84	Paleocene
S	nd	1	1	S			<i>Cenosphaera globosa</i> Popofsky, 1908: 207	Living



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	1	1	S			<i>Cenosphaera grossheimi</i> Borisenko, 1960b: 221	Early Eocene
S	nd	0	1	Sø			<i>Cenosphaera hexagonalis</i> Haeckel, 1887: 62	[Quaternary]
C		0	1	Su			<i>Cenosphaera? hirsuta</i> Ehrenberg, 1873a: 302	Holocene
C		1	0	Sf	syn		<i>Cenosphaera hirsuta</i> Ehrenberg, 1873b: 286-287	Holocene
S	nd	1	1	S			<i>Cenosphaera hispida</i> Carnevale, 1908: 8, 40	e. Middle Miocene
S		1	1	S			<i>Cenosphaera huzitai</i> Nakaseko, 1964: 42	
S	nd	1	1	S			<i>Cenosphaera infida</i> Moksyakova, 1970: 139	Late Eocene
S	nd	1	1	S			<i>Cenosphaera irregularis</i> Borisenko, 1958: 82	Paleocene
S	nd	1	1	S			<i>Cenosphaera ispharensis</i> Lipman, 1949: 112	Early Eocene
S	nd	1	1	S			<i>Cenosphaera karskaya</i> Borisenko, 1959: 34	Late Eocene
S	nd	1	1	S			<i>Cenosphaera kisilkumensis</i> Lipman, 1950: 53	Late Eocene
S	nd	1	1	S			<i>Cenosphaera kuschnari</i> Lipman, 1950: 54	Late Eocene
S	nd	0	1	Sø			<i>Cenosphaera lethe</i> Haeckel, 1887: 64	[Quaternary]
S	nd	1	1	S			<i>Cenosphaera levis</i> Moksyakova, 1961: 233	Late Eocene
S	nd	1	1	S			<i>Cenosphaera limpida</i> Krasheninnikov, 1960: 273	Early Eocene
S	nd	1	1	S			<i>Cenosphaera lipmanae</i> Borisenko, 1958: 83	Paleocene
S	nd	0	1	Sø			<i>Cenosphaera marginata</i> Haeckel, 1887: 67	[Quaternary]
S	nd	1	1	S			<i>Cenosphaera mariae</i> Lipman in Lipman <i>et al.</i> , 1960: 72	Late Eocene
S	nd	0	1	Sø			<i>Cenosphaera maxima</i> Haeckel, 1887: 65	[Quaternary]
S	nd	0	1	Su			<i>Cenosphaera megapora</i> Ehrenberg, 1874b: 218	I. Middle Eocene
S	nd	1	0	Sf	syn		<i>Cenosphaera megapora</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
S	nd	0	1	Sø			<i>Cenosphaera melecta</i> Haeckel, 1887: 63	[Eocene]
S		1	1	S			<i>Cenosphaera mellifica</i> Haeckel, 1887: 62	Living
S	nd	1	1	S			<i>Cenosphaera micra</i> Borisenko, 1960a: 200	Late Paleocene
S		0	1	Su			<i>Cenosphaera micropora</i> Ehrenberg, 1874b: 218	I. Middle Eocene
S	nd	hom	1	S			<i>Cenosphaera micropora</i> Barwicz-Piskorz, 1978: 227	e. Middle Miocene
S		1	0	Sf	syn		<i>Cenosphaera micropora</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
S	nd	0	1	Sø			<i>Cenosphaera microspina</i> Seguenza, 1880: 230	Early Pliocene
S	nd	1	1	S			<i>Cenosphaera mitgarzi</i> Lipman, 1950: 54	Late Eocene
S	nd	0	1	Sø			<i>Cenosphaera mucronata</i> Seguenza, 1880: 230	Early Pliocene
S	nd	0	1	Sø			<i>Cenosphaera nirwana</i> Haeckel, 1887: 65	Living
S	nd	0	1	Sø			<i>Cenosphaera papillata</i> Haeckel, 1887: 66	Living
S		1	1	S			<i>Cenosphaera perforata</i> Haeckel, 1887: 66	[Quaternary]
S	nd	1	1	S			<i>Cenosphaera pila</i> Borisenko, 1958: 82	Paleocene
S	nn	0	0	Sp	pre		<i>Cenosphaera plutonis</i> Ehrenberg, 1854a: table	
S		0	1	Su			<i>Cenosphaera plutonis</i> Ehrenberg, 1854b: 241	Holocene
S		1	0	Sf	syn	Ts Ti	<i>Cenosphaera plutonis</i> Ehrenberg, 1854d	Holocene
S	nd	1	1	S			<i>Cenosphaera politepora</i> Lipman in Lipman <i>et al.</i> , 1960: 71	Late Eocene
S	nd	0	1	Sø			<i>Cenosphaera polygonalis</i> Haeckel, 1887: 66	Living
S	nn	0	0	Sp	pre		<i>Cenosphaera porophaena</i> Ehrenberg, 1858: 546	
S		0	1	Su			<i>Cenosphaera porophaena</i> Ehrenberg, 1859: 31	Holocene
S		1	0	Sf	syn		<i>Cenosphaera porophaena</i> Suzuki <i>et al.</i> , 2009a	Holocene
S	nd	1	1	S			<i>Cenosphaera porosissima</i> Vinassa de Regny, 1900: 567	I. Early Miocene
S	nd	0	1	Sø		Td	<i>Cenosphaera primordialis</i> Haeckel, 1887: 61	Living
S	nd	1	1	S			<i>Cenosphaera problematica</i> Dreyer, 1890: 4	e. Middle Miocene
S	nd	0	1	Sø			<i>Cenosphaera proserpinae</i> Haeckel, 1887: 64	[Quaternary]
S	nd	1	1	S			<i>Cenosphaera regularis</i> Borisenko, 1960b: 220	Early Eocene
S		1	1	S			<i>Cenosphaera riedeli</i> Blueford, 1982: 193	Middle Miocene-Late Miocene
S	nd	0	1	Sø			<i>Cenosphaera rosetta</i> Haeckel, 1887: 63	[Quaternary]
S		0	1	Su			<i>Cenosphaera setosa</i> Ehrenberg, 1873a: 302	Holocene
S		1	0	Sf	syn		<i>Cenosphaera setosa</i> Ehrenberg, 1873b: 286-287	Holocene
S	nd	1	1	S			<i>Cenosphaera simplex</i> Borisenko, 1959: 34	Late Eocene
S	nd	1	1	S			<i>Cenosphaera singulariporata</i> Chediya, 1973: 89	Late Eocene
S	nd	0	1	Sø			<i>Cenosphaera solida</i> Haeckel, 1887: 65	[Quaternary]
S	nd	0	1	Su			<i>Cenosphaera spinulosa</i> Ehrenberg, 1874b: 218	I. Middle Eocene
S	nd	1	0	Sf	syn		<i>Cenosphaera spinulosa</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
S	nd	1	1	S			<i>Cenosphaera stilloformis</i> Lipman in Lipman <i>et al.</i> , 1960: 76	Late Eocene
S	nd	1	1	S			<i>Cenosphaera subregularis</i> Borisenko, 1958: 84	Paleocene
S	nd	1	1	S			<i>Cenosphaera subtilis</i> Carnevale, 1908: 40	e. Middle Miocene
S	nd	1	1	S			<i>Cenosphaera taramellii</i> Principi, 1909: 3, 21	Middle Miocene
S	nd	0	1	Sø			<i>Cenosphaera tenerima</i> Haeckel, 1887: 66	Living
S	nd	1	1	S			<i>Cenosphaera tubengatanica</i> Chediya, 1957: 29	Paleogene
S	nd	1	1	S			<i>Cenosphaera turcmenica</i> Lipman, 1949: 113	Early Eocene
S	nd	1	1	S			<i>Cenosphaera ultragrandis</i> Krasheninnikov, 1960: 273	Early Eocene
S	nd	1	1	S			<i>Cenosphaera valentinae</i> Lipman in Lipman <i>et al.</i> , 1960: 71	Late Eocene
S	nd	1	1	S			<i>Cenosphaera varieporata</i> Vinassa de Regny, 1900: 567	I. Early Miocene
S	nd	1	1	S			<i>Cenosphaera vesparia</i> Haeckel, 1887: 62	[Quaternary]
S		1	1	S			<i>Cenosphaera viminalis</i> Dreyer, 1913: 5	Living
S	nd	1	1	S			<i>Cenosphaera vulgaris</i> Borisenko, 1958: 82	Paleocene
S		1	1	S			<i>Cenosphaera yatsuoensis</i> Nakaseko, 1964: 41	

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	1	1	S			<i>Cenosphaera zelentschukensis</i> Borisenko, 1960a: 200	Late Paleocene
E	nd	1	1	S		Td	<i>Centracontium hexacontarium</i> Popofsky, 1912: 90	Living
N	nd	1	1	S			<i>Centrobotrys grvida</i> Moore, 1971: 744	Early Oligocene
N		1	1	S			<i>Centrobotrys petrushevskayae</i> Sanfilippo & Riedel, 1973: 532	Late Eocene-Late Oligocene
N		1	1	S		T	<i>Centrobotrys thermophila</i> Petrushevskaya, 1965: 115	Living
W	nd	1	1	S		Td Te	<i>Centrocolla asteroides</i> Cachon & Cachon, 1985: 285	Living
E		1	1	S			<i>Centroclubus alveolus</i> Chen <i>et al.</i> , 2017: 274	Late Pleistocene
E		1	1	S		T	<i>Centroclubus cladostylus</i> Haeckel, 1887: 278	Living
E		1	1	S			<i>Centroclubus macracanthus</i> Mast, 1910: 185	Living
E		1	1	S			<i>Centroclubus mediterraneensis</i> Hollande & Enjument, 1960: 121	Living
E	nd	0	1	S			<i>Centroclubus octostylus</i> Haeckel, 1887: 278	Living
E	nd	0	1	S			<i>Centroclubus polystylus</i> Haeckel, 1887: 278	Living
E	nd	0	1	S			<i>Centroclubus ruber</i> Hollande & Enjument, 1960: 121	Living
E		1	1	S			<i>Centrolonche furcata</i> Chen <i>et al.</i> , 2017: 272	Holocene
E		1	1	S		T	<i>Centrolonche hexalonche</i> Popofsky, 1912: 89	Living
N		1	1	S		Ts	<i>Cephalospyris cancellata</i> Haeckel, 1887: 1035	[Quaternary]
N	nd	0	1	S			<i>Cephalospyris ovata</i> Haeckel, 1887: 1035	[Quaternary]
N		1	1	S			<i>Cephalospyris triangulata</i> Haeckel, 1887: 1035	[Quaternary]
N		1	1	S		Ts	<i>Cephalospyris josephinus</i> Alvira-Martín, 1971: 223	[Miocene]
N		1	1	S		Ts	<i>Ceratobotrys riedeli</i> Nishimura, 1990: 169	Holocene
N		1	1	S			<i>Ceratocyrtis? arthuri</i> Renaudie & Lazarus, 2015: 197	Early Miocene-Early Pliocene
N		1	1	S			<i>Ceratocyrtis broeggeri</i> Goll & Björklund, 1989: 730	e. Middle Miocene
N		1	1	S			<i>Ceratocyrtis? cantharoides</i> Sugiyama & Furutani, 1992: 205	e. Middle Miocene
N		1	1	S			<i>Ceratocyrtis dolvenae</i> Renaudie & Lazarus, 2012: 47	Early Miocene-Early Pliocene
N		1	1	S			<i>Ceratocyrtis manumi</i> Goll & Björklund, 1989: 730	l. Early Miocene
N		1	1	S			<i>Ceratocyrtis mashae</i> Björklund, 1976a: 1125	Middle Oligocene-e. Middle Miocene
N		1	1	S			<i>Ceratocyrtis morawanensis</i> Funakawa, 1995a: 20	Late Oligocene
N		1	1	S			<i>Ceratocyrtis multicornus</i> Funakawa, 1994: 464	Late Miocene
N		1	1	S			<i>Ceratocyrtis panicula</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 115	e. Late Miocene
N		1	1	S			<i>Ceratocyrtis? pseudoadvena</i> Kozlova, 1999: 114	Late Paleocene
N		1	1	S			<i>Ceratocyrtis? ringisstola</i> Renaudie & Lazarus, 2015: 197	e. Middle Miocene-Late Miocene
N		1	1	S			<i>Ceratocyrtis robustus</i> Björklund, 1976a: 1125	Middle Oligocene-e. Late Miocene
N		1	1	S			<i>Ceratocyrtis shimodaensis</i> Sashida & Kurihara, 1999: 122	Living
N		1	1	S			<i>Ceratocyrtis stoermeri</i> Goll & Björklund, 1989: 731	e. Middle Miocene
N	nd	1	1	S			<i>Ceratocyrtis tons</i> Vitukhin, 1993: 79	Late Eocene
N		1	1	S			<i>Ceratospyris (Lophospyris) aguanegraensis</i> Campbell & Clark, 1944: 36	e. Late Miocene
N		1	1	S			<i>Ceratospyris (Lophospyris) laventaensis</i> Campbell & Clark, 1944: 36	e. Late Miocene
N	nn	0	0	Sp	pre		<i>Ceratospyris aculeata</i> Ehrenberg, 1861a: 767	
N		0	1	Su			<i>Ceratospyris aculeata</i> Ehrenberg, 1873a: 303	Holocene
N		1	0	Sf	syn		<i>Ceratospyris aculeata</i> Suzuki <i>et al.</i> , 2009a	Holocene
N		1	1	S			<i>Ceratospyris acuminata</i> Hertwig, 1879: 198, 272, 275	Living
N		1	1	S			<i>Ceratospyris allmersi</i> Haeckel, 1887: 1067	[Quaternary]
N		0	1	Su			<i>Ceratospyris articulata</i> Ehrenberg, 1874b: 218	l. Middle Eocene
N		1	0	Sf	syn		<i>Ceratospyris articulata</i> Ehrenberg, 1876: 66-67	l. Middle Eocene
N		0	1	Su			<i>Ceratospyris ateuchus</i> Ehrenberg, 1874b: 218	l. Middle Eocene
N		1	0	Sf	syn		<i>Ceratospyris ateuchus</i> Ehrenberg, 1876: 66-67	l. Middle Eocene
N		1	1	S			<i>Ceratospyris borealis</i> Bailey, 1856: 3	[Quaternary]
N		1	1	S			<i>Ceratospyris calorrhiza</i> Haeckel, 1887: 1069	Living
N		1	1	S			<i>Ceratospyris carnerii</i> Haeckel, 1887: 1069	[Quaternary]
N		1	1	S			<i>Ceratospyris clarki</i> Renaudie & Lazarus, 2016: 46	Early Miocene-Early Pliocene
N		1	1	S			<i>Ceratospyris clavata</i> Bütschli, 1882b: 510	[Eocene]
N		1	1	S			<i>Ceratospyris clinamen</i> Renaudie & Lazarus, 2015: 205	Middle Miocene-Late Miocene
N	nd	0	1	S			<i>Ceratospyris diacantha</i> Ehrenberg, 1873a: 303	Holocene
N		0	1	Su			<i>Ceratospyris didiceros</i> Ehrenberg, 1874b: 218	l. Middle Eocene
N		1	0	Sf	syn		<i>Ceratospyris didiceros</i> Ehrenberg, 1876: 66-67	l. Middle Eocene
N		0	1	Su			<i>Ceratospyris dirrhiza</i> Ehrenberg, 1874b: 219	l. Middle Eocene
N		1	0	Sf	syn		<i>Ceratospyris dirrhiza</i> Ehrenberg, 1876: 66-67	l. Middle Eocene
N		0	1	Su			<i>Ceratospyris echinus</i> Ehrenberg, 1874b: 219	l. Middle Eocene
N		1	0	Sf	syn		<i>Ceratospyris echinus</i> Ehrenberg, 1876: 66-67	l. Middle Eocene
N	nd	0	1	Su			<i>Ceratospyris fibula</i> Ehrenberg, 1874b: 219	l. Middle Eocene
N	nd	1	0	Sf	syn		<i>Ceratospyris fibula</i> Ehrenberg, 1876: 66-67	l. Middle Eocene
N		0	1	Su			<i>Ceratospyris furcata</i> Ehrenberg, 1874b: 219	l. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Ceratospyris furcata</i> Ehrenberg, 1876: 66-67	l. Middle Eocene
N		0	1	Su			<i>Ceratospyris heptaceros</i> Ehrenberg, 1874b: 219	l. Middle Eocene
N		1	0	Sf	syn	T	<i>Ceratospyris heptaceros</i> Ehrenberg, 1876: 66-67	l. Middle Eocene
N		1	1	S			<i>Ceratospyris hyperborea</i> Jørgensen, 1905: 130, 49	Living
N		1	1	S			<i>Ceratospyris krausei</i> Haeckel, 1887: 1068	[Quaternary]
N		0	1	Su			<i>Ceratospyris longibarba</i> Ehrenberg, 1874b: 219	l. Middle Eocene
N		1	0	Sf	syn		<i>Ceratospyris longibarba</i> Ehrenberg, 1876: 66-67	l. Middle Eocene
N		1	1	S			<i>Ceratospyris muelleri</i> Stöhr, 1880: 98	[e. Late Miocene]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Ceratospyris mulderi</i> Haeckel, 1887: 1067	Living
N		0	1	Su			<i>Ceratospyris mystax</i> Ehrenberg, 1874b: 219	I. Middle Eocene
N		1	0	Sf	syn		<i>Ceratospyris mystax</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
N		0	1	Su			<i>Ceratospyris ocellata</i> Ehrenberg, 1874b: 219	I. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Ceratospyris ocellata</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
N		0	1	Su			<i>Ceratospyris pentagona</i> Ehrenberg, 1873a: 303	Holocene
N		1	0	Sf	syn	T	<i>Ceratospyris pentagona</i> Ehrenberg, 1873b: 286-287	Holocene
N		1	1	S			<i>Ceratospyris polygona</i> Haeckel, 1887: 1066	Living
N		1	1	S			<i>Ceratospyris preyeri</i> Haeckel, 1887: 1068	[Quaternary]
N	nd	0	1	Su			<i>Ceratospyris ramosa</i> Ehrenberg, 1874b: 219	I. Middle Eocene
N	nd	1	0	Sf	syn		<i>Ceratospyris ramosa</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
N		0	1	Su			<i>Ceratospyris setigera</i> Ehrenberg, 1874b: 220	I. Middle Eocene
N		1	0	Sf	syn		<i>Ceratospyris setigera</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
S		0	1	Su			<i>Ceratospyris setosa</i> Ehrenberg, 1873a: 303	Holocene
S		1	0	Sf	syn		<i>Ceratospyris setosa</i> Ehrenberg, 1873b: 286-287	Holocene
N		1	1	S			<i>Ceratospyris strasburgeri</i> Haeckel, 1887: 1067	[Quaternary]
N		0	1	Su			<i>Ceratospyris stylophora</i> Ehrenberg, 1874b: 220	I. Middle Eocene
N		1	0	Sf	syn	T	<i>Ceratospyris stylophora</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
N	nd	0	1	Su			<i>Ceratospyris tenella</i> Ehrenberg, 1873a: 303	Holocene
N	nd	1	0	Sf	syn		<i>Ceratospyris tenella</i> Suzuki <i>et al.</i> , 2009a	Holocene
N		0	1	Su			<i>Ceratospyris triceros</i> Ehrenberg, 1874b: 220	I. Middle Eocene
N		1	0	Sf	syn		<i>Ceratospyris triceros</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
N		0	1	Su			<i>Ceratospyris triomma</i> Ehrenberg, 1874b: 220	I. Middle Eocene
N		1	0	Sf	syn		<i>Ceratospyris triomma</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
N		0	1	Su			<i>Ceratospyris turrita</i> Ehrenberg, 1874b: 220	I. Middle Eocene
N		1	0	Sf	syn		<i>Ceratospyris turrita</i> Ehrenberg, 1876: 66-67	I. Middle Eocene
S	no	0	1	Su			<i>Chilomma saturnus</i> Ehrenberg, 1862b: 297	Holocene
S	no	1	0	Sf	syn	To	<i>Chilomma saturnus</i> Ehrenberg, 1873b: 286-287	Holocene
N		1	1	S		T	<i>Chitascenium cranites</i> Sugiyama, 1994: 5	I. Early Miocene
S	nd	0	1	Sø			<i>Chitonastrum bathybiium</i> Haeckel, 1887: 537	[Quaternary]
S	nd	0	1	Sø			<i>Chitonastrum dicranodes</i> Haeckel, 1887: 538	Living
S		1	1	S		Ts	<i>Chitonastrum jugatum</i> Haeckel, 1887: 537	Living
S		1	1	S			<i>Chitonastrum lyra</i> Haeckel, 1887: 538	Living
S	nd	0	1	Sø		Td	<i>Chitonastrum triglochian</i> Haeckel, 1887: 537	[Quaternary]
N	nd	0	1	Sø		Td	<i>Chlamidophora chilensis</i> Ehrenberg, 1876: 68, 160	Pleistocene?
C		1	1	S		Ts	<i>Choenicosphaera flammabunda</i> Haeckel, 1887: 103	[Quaternary]
C	nd	0	1	Sø			<i>Choenicosphaera flosculenta</i> Haeckel, 1887: 103	[Quaternary]
C		1	1	S		T	<i>Choenicosphaera murrayana</i> Haeckel, 1887: 102	Living
C		1	1	S			<i>Choenicosphaera nassiterna</i> Haeckel, 1887: 103	[Quaternary]
N		1	1	S			<i>Cinclopyramis cribellum</i> Haeckel, 1887: 1161	Late Eocene
N		1	1	S			<i>Cinclopyramis gigantea</i> Haecker, 1908: 458	Living
N		1	1	S			<i>Cinclopyramis infundibulum</i> Haeckel, 1887: 1161	[Quaternary]
N	nd	0	1	Sø			<i>Cinclopyramis lithosestrum</i> Haeckel, 1887: 1162	[Eocene]
N		1	1	S		T	<i>Cinclopyramis murrayana</i> Haeckel, 1879: 705	Living
S		1	1	S			<i>Circodiscullus coroniger</i> Dumitrica, 2020: 30	e. Middle Miocene
S		1	1	S		T	<i>Circodiscullus stephanophorus</i> Dumitrica, 2020: 31	e. Middle Miocene-Early Pliocene
S		1	1	S			<i>Circodiscus biorbicularis</i> Zhang & Suzuki, 2017: 55	Living
S		1	1	S			<i>Circodiscus kozlovae</i> Dumitrica, 2020: 30	e. Late Eocene
S		1	1	S			<i>Circodiscus praemicroporus</i> Dumitrica, 2020: 23	Late Paleocene?-I. Middle Eocene
S		1	1	S			<i>Circodiscus pseudomicroporus</i> Zhang & Suzuki, 2017: 57	Living
S		1	1	S			<i>Circodiscus spongiosus</i> Dumitrica, 2020: 30	I. Late Miocene-Living
S		1	1	S			<i>Circodiscus? variannulatus</i> Dumitrica, 2020: 28	I. Middle Eocene
N	nd	1	1	S		Td	<i>Circospyris nucula</i> Haeckel, 1887: 1072	[Quaternary]
N		1	1	S			<i>Circospyris papilio</i> Kozlova in Kozlova & Gorbovetz, 1966: 99	Late Eocene
W	nd	0	1	Sø			<i>Circotympanum decagonium</i> Haeckel, 1887: 1013	[Quaternary]
W	nd	0	1	Sø		Te	<i>Circotympanum hexagonium</i> Haeckel, 1887: 1012	[Early Miocene]
W		1	1	S			<i>Circotympanum octogonium</i> Haeckel, 1887: 1013	[Quaternary]
N		1	1	S		T	<i>Cladarachnium ramosum</i> Haeckel, 1887: 1165	Living
S		1	1	S		Ts	<i>Cladococcus abietinus</i> Haeckel, 1887: 226	Living
C		0	1	Su			<i>Cladococcus acufer</i> Haeckel, 1861a: 800	Living
C		1	0	Sf	syn		<i>Rhaphidococcus acufer</i> Haeckel, 1862: 366	Living
S	nd	0	1	Sø			<i>Cladococcus antarcticus</i> Haeckel, 1887: 225	[Quaternary]
E		1	1	S			<i>Cladococcus aquaticus</i> Popofsky, 1908: 214	Living
S		0	1	Su			<i>Cladococcus arborescens</i> Müller, 1856: 485	Living
S		1	0	Sf	syn	T	<i>Cladococcus arborescens</i> Müller, 1859b: 31	Living
S		1	1	S			<i>Cladococcus arbustus brevispina</i> Popofsky, 1908: 213	Living
S		1	1	S			<i>Cladococcus arbustus longispina</i> Popofsky, 1908: 213	Living
S		0	1	Su			<i>Cladococcus bifurcus</i> Haeckel, 1861a: 801	Living
S		1	0	Sf	syn		<i>Cladococcus bifurcus</i> Haeckel, 1862: 368, 546	Living
S		0	1	Su			<i>Cladococcus cervicornis</i> Haeckel, 1861a: 801	Living



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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	0	Sf	syn		<i>Cladococcus cervicornis</i> Haeckel, 1862: 370, 547	Living
S		1	1	S			<i>Cladococcus dendrites</i> Haeckel, 1887: 227	[Quaternary]
S	nd	0	1	Su			<i>Cladococcus dentatus</i> Haeckel, 1861a: 800	Living
S	nd	1	0	Sf	syn		<i>Cladococcus dentatus</i> Haeckel, 1862: 367, 546	Living
S	nd	1	1	S			<i>Cladococcus doryphorus</i> Mast, 1910: 158	Living
S		1	1	S			<i>Cladococcus erinaceus</i> Popofsky, 1912: 100	Living
S		1	1	S			<i>Cladococcus indicus</i> Mast, 1910: 159	Living
S		1	1	S			<i>Cladococcus irregularis</i> Popofsky, 1912: 99	Living
S	nd	0	1	Sø			<i>Cladococcus japonicus</i> Haeckel, 1887: 225	Living
S		1	1	S			<i>Cladococcus leptus</i> Hülsemann, 1963: 12	Living
S		1	1	S			<i>Cladococcus lychnosphaera</i> Hollande & Enjumet, 1960: 115	Living
S		1	1	S			<i>Cladococcus megaceros</i> Hollande & Enjumet, 1960: 115	Living
S		1	1	S			<i>Cladococcus? nakasekoi</i> Nishimura, 1992: 322	Middle Paleocene
S	nd	0	1	Sø			<i>Cladococcus penicillus</i> Haeckel, 1887: 224	Living
S		1	1	S			<i>Cladococcus pinetum</i> Haeckel, 1887: 226	Living
S		1	1	S			<i>Cladococcus pinetum octacantha</i> Popofsky, 1912: 99	Living
S	nd	0	1	Sø		Td	<i>Cladococcus quadricuspidis</i> Haeckel, 1887: 225	Living
S		1	1	S		Ts	<i>Cladococcus scoparius</i> Haeckel, 1887: 225	Living
S		0	1	Su			<i>Cladococcus simplex</i> Haeckel, 1861a: 800	Living
S		1	0	Sf	syn	Ts	<i>Rhaphidococcus simplex</i> Haeckel, 1862: 366	Living
S		0	1	Su			<i>Cladococcus spinifer</i> Haeckel, 1861a: 800	Living
S		1	0	Sf	syn		<i>Cladococcus spinifer</i> Haeckel, 1862: 546	Living
S		1	1	S			<i>Cladococcus stalactites</i> Haeckel, 1887: 227	[Quaternary]
S	nd	0	1	Sø			<i>Cladococcus tricladius</i> Haeckel, 1887: 227	[Early Miocene]
S		0	1	Su			<i>Cladococcus viminalis</i> Haeckel, 1861a: 801	Living
S		1	0	Sf	syn		<i>Cladococcus viminalis</i> Haeckel, 1862: 547	Living
N		1	1	S			<i>Cladoscenum ancoratum</i> Haeckel, 1887: 1149	[Quaternary]
N	nd	0	1	Sø		Td	<i>Cladoscenum fulcratum</i> Haeckel, 1887: 1148	[Quaternary]
N	nd	0	1	Sø			<i>Cladoscenum gladiatum</i> Haeckel, 1887: 1149	[Quaternary]
N		1	1	S			<i>Cladoscenum limbatum</i> Jørgensen, 1905: 134	Living
N		1	1	S			<i>Cladoscenum pectinatum</i> Haeckel, 1887: 1150	[Quaternary]
N	nd	0	1	Sø			<i>Cladoscenum pinnatum</i> Haeckel, 1887: 1149	[Quaternary]
N		0	1	Su			<i>Cladoscenum tricolpium</i> Jørgensen, 1900: 78	Living
N		1	0	Sf	syn		<i>Cladoscenum tricolpium</i> Jørgensen, 1905: 127, 134	Living
N	nd	0	1	Sø			<i>Cladoscenum verticillatum</i> Haeckel, 1887: 1149	[Quaternary]
N		0	1	Su			<i>Cladospyris bibrachiata</i> Ehrenberg, 1874b: 220	I. Middle Eocene
N		1	0	Sf	syn		<i>Cladospyris bibrachiata</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
S	nd	1	1	S		Td	<i>Cladospyris moluccanus</i> Harting, 1863: 16	[Quaternary]
N		0	1	Su			<i>Cladospyris tribrachiata</i> Ehrenberg, 1874b: 220	I. Middle Eocene
N		1	0	Sf	syn		<i>Cladospyris tribrachiata</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N		1	1	S		Ts	<i>Clathrobursa dictyopus</i> Haeckel, 1887: 1045	[Quaternary]
N	nn	0	0	Sp	pre		<i>Clathrocanium coarctatum</i> Ehrenberg, 1861a: 767	
N		0	1	Su			<i>Clathrocanium coarctatum</i> Ehrenberg, 1873a: 303	Holocene
N		1	0	Sf	syn		<i>Clathrocanium coarctatum</i> Ehrenberg, 1873b: 286-287	Holocene
N		1	1	S			<i>Clathrocanium coronatum</i> Popofsky, 1913: 342	Living
N		1	1	S		Ts	<i>Clathrocanium diadema</i> Haeckel, 1887: 1212	[Quaternary]
N	nd	1	1	S			<i>Clathrocanium? ehrenbergi</i> Bütschli, 1882b: 514	[Eocene]
N		1	1	S			<i>Clathrocanium minutum</i> Cleve, 1900b: 6	Living
N		1	1	S			<i>Clathrocanium ornatum</i> Popofsky, 1913: 434, 414	Living
N		1	1	S			<i>Clathrocanium reginae</i> Haeckel, 1887: 1212	[Quaternary]
N		1	1	S			<i>Clathrocanium sphaerocephalum</i> Haeckel, 1887: 1211	[Quaternary]
N	nn	0	0	Sp	pre		<i>Clathrocanium squarrosus</i> Ehrenberg, 1861a: 767	
N		0	1	Su			<i>Clathrocanium squarrosus</i> Ehrenberg, 1873a: 303	Holocene
N		1	0	Sf	syn	T	<i>Clathrocanium squarrosus</i> Ehrenberg, 1873b: 286-287	Holocene
N		1	1	S			<i>Clathrocanium triomma</i> Haeckel, 1887: 1211	[Quaternary]
N	nd	0	1	Sø			<i>Clathrocircus decaporus</i> Haeckel, 1887: 962	[Quaternary]
N	nd	1	1	S			<i>Clathrocircus dictyospyris</i> Haeckel, 1887: 963	[Quaternary]
N	nd	0	1	Sø		Td	<i>Clathrocircus hexaporus</i> Haeckel, 1887: 962	Living
N	nd	1	1	S			<i>Clathrocircus multiformis</i> Haeckel, 1887: 963	[Quaternary]
N	nd	0	1	Sø			<i>Clathrocircus octaporus</i> Haeckel, 1887: 962	[Quaternary]
N	nd	1	1	S			<i>Clathrocircus stapedius</i> Haeckel, 1887: 962	[Quaternary]
N	nd	1	1	S			<i>Clathrocorona atreta</i> Sanfilippo & Riedel in Sanfilippo <i>et al.</i> , 1973: 219	Early Miocene-Middle Miocene
N		1	1	S			<i>Clathrocorys giltschi</i> Haeckel, 1887: 1220	[Quaternary]
N		1	1	S		T	<i>Clathrocorys murrayi</i> Haeckel, 1887: 1219	[Quaternary]
N	nd	1	1	S			<i>Clathrocorys simplex</i> Popofsky, 1913: 350	Living
N		1	1	S			<i>Clathrocorys? sugiyamai</i> Renaudie & Lazarus, 2013: 68	Early Miocene-Holocene
N		1	1	S			<i>Clathrocorys teuscheri</i> Haeckel, 1887: 1220	[Quaternary]
N		1	1	S			<i>Clathrocyclus (Clathrocyclus) universa</i> Clark & Campbell, 1942: 86	e. Middle Eocene
N		1	1	S			<i>Clathrocyclus (Clathrocyclus) universa amplaspina</i> Clark & Campbell, 1942: 89	e. Middle Eocene
N		1	1	S			<i>Clathrocyclus (Clathrocyclus) universa cylindrica</i> Clark & Campbell, 1942: 87	e. Middle Eocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Clathrocyclas (Clathrocyclia) universa grandis</i> Clark & Campbell, 1942: 88	e. Middle Eocene
N		1	1	S			<i>Clathrocyclas (Clathrocyclia) universa kranimorphos</i> Clark & Campbell, 1945: 46	e. Middle Eocene
N		1	1	S			<i>Clathrocyclas (Clathrocyclia) universa longispina</i> Clark & Campbell, 1942: 88	e. Middle Eocene
N		1	1	S			<i>Clathrocyclas (Clathrocyclia) universa nova</i> Clark & Campbell, 1945: 45	e. Middle Eocene
N		1	1	S			<i>Clathrocyclas (Clathrocyclia) universa subadvena</i> Clark & Campbell, 1945: 46	e. Middle Eocene
N		1	1	S			<i>Clathrocyclas (Clathrocyclia) universa undella</i> Clark & Campbell, 1942: 87	e. Middle Eocene
N		1	1	S			<i>Clathrocyclas (Clathrocyclia) universa universa</i> Clark & Campbell, 1942: 86	e. Middle Eocene
N		1	1	S			<i>Clathrocyclas (Clathrocycloma) aurelia</i> Clark & Campbell, 1945: 46	e. Middle Eocene
N		1	1	S			<i>Clathrocyclas (Clathrocycloma) cabrilloensis</i> Campbell & Clark, 1944: 48	e. Late Miocene
N		1	1	S		T	<i>Clathrocyclas alcmenae</i> Haeckel, 1887: 1388	[Quaternary]
N		1	1	S			<i>Clathrocyclas australis</i> Hollis, 1997: 74	Early Paleocene
N		1	1	S			<i>Clathrocyclas basilea</i> Haeckel, 1887: 1386	[Quaternary]
N		1	1	S			<i>Clathrocyclas bicornis</i> Hays, 1965: 179	Early Pleistocene
N		1	1	S			<i>Clathrocyclas cassiopeiae</i> Haeckel, 1887: 1390	Living
N		1	1	S			<i>Clathrocyclas collaris</i> Haeckel, 1887: 1387	[Early Miocene]
N		1	1	S			<i>Clathrocyclas coscinodiscus</i> Haeckel, 1887: 1389	[Quaternary]
N		1	1	S			<i>Clathrocyclas danaes</i> Haeckel, 1887: 1388	Living
N		1	1	S			<i>Clathrocyclas europae</i> Haeckel, 1887: 1388	Living
N		1	1	S			<i>Clathrocyclas humerus</i> Petrushevskaya, 1975: 586	Early Miocene-Late Miocene
N		1	1	S			<i>Clathrocyclas jonis</i> Haeckel, 1887: 1389	Living
N		1	1	S			<i>Clathrocyclas latonae</i> Haeckel, 1887: 1389	Living
N		1	1	S			<i>Clathrocyclas lipmanae</i> Kozlova, 1999: 120	Late Paleocene
N	nd	1	1	S			<i>Clathrocyclas pirum</i> Berdnikov, 1991: 110	Late Pleistocene
N		1	1	S		Ts	<i>Clathrocyclas principessa</i> Haeckel, 1887: 1386	[Quaternary]
N		1	1	S		Ts	<i>Clathrocyclas semeles</i> Haeckel, 1887: 1388	Living
N		1	1	S			<i>Clathrocyclas transitiva</i> Kozlova, 1999: 122	Early Eocene-Middle Eocene
N		1	1	S			<i>Clathrocycloma capitaneum</i> Foreman, 1973: 434	Late Paleocene
N		1	1	S			<i>Clathrocycloma? catherinea</i> Nishimura, 1992: 334	Middle Paleocene
N		1	1	S			<i>Clathrocycloma parcum</i> Foreman, 1973: 434	Late Paleocene
N		1	1	S		Ts	<i>Clathrolychnus araneosus</i> Haeckel, 1887: 1240	Living
N		1	1	S			<i>Clathrolychnus periplextus</i> Haeckel, 1887: 1241	Living
N		1	1	S			<i>Clathromitra? fulgureanubes</i> Renaudie & Lazarus, 2013: 71	Early Miocene-Living
N		1	1	S			<i>Clathromitra joergenseni</i> Dumitrica, 1978: 240	e. Middle Miocene
N		1	1	S			<i>Clathromitra lemi</i> Renaudie & Lazarus, 2013: 71	Early Miocene-Late Miocene
N	nd	0	1	Sø			<i>Clathromitra pentacantha</i> Haeckel, 1887: 1219	[Early Miocene]
N		1	1	S		T	<i>Clathromitra pterophormis</i> Haeckel, 1887: 1219	[Quaternary]
N		1	1	S			<i>Clathropyrgus? grandifenestra</i> Nishimura, 1992: 336	Middle Paleocene-Early Eocene
C		1	1	S		Ts	<i>Clathrosphaera arachnoides</i> Haeckel, 1887: 119	[Early Miocene]
C		1	1	S		T	<i>Clathrosphaera circumtexta</i> Haeckel, 1887: 118	[Quaternary]
C		1	1	S			<i>Clathrosphaera lamellosa</i> Haeckel, 1887: 119	[Quaternary]
N	nd	0	1	Sø		Td	<i>Clathrospyris camelopardalis</i> Haeckel, 1887: 1052	[Quaternary]
N	nd	0	1	Sø			<i>Clathrospyris fusiformis</i> Haeckel, 1887: 1053	[Eocene]
N		1	1	S			<i>Clathrospyris minuta</i> Vinassa de Regny, 1900: 578	l. Early Miocene
N		1	1	S			<i>Clathrospyris mitra</i> Kozlova in Kozlova & Gorbovetz, 1966: 94	Late Eocene
N		1	1	S			<i>Clathrospyris pyramidalis</i> Haeckel, 1887: 1052	[Quaternary]
N		1	1	S			<i>Clathrospyris sandellae</i> Goll, 1978: 179	e. Middle Miocene
N		1	1	S			<i>Clathrospyris senta</i> Kozlova in Kozlova & Gorbovetz, 1966: 93	Late Eocene
N	nd	1	1	S			<i>Clathrospyris vogti</i> Goll & Bjørklund, 1989: 731	l. Middle Miocene
N		1	1	S		T	<i>Clinorhabdus anantomus</i> Sanfilippo & Caulet, 1998: 20	l. Middle Eocene-Early Oligocene
N		1	1	S			<i>Clinorhabdus ocy mora</i> Sanfilippo & Caulet, 1998: 20	Early Oligocene-Late Oligocene
N		1	1	S			<i>Clistophaena armata</i> Haeckel, 1887: 1288	[Quaternary]
N	nd	0	1	Sø			<i>Clistophaena enneolena</i> Haeckel, 1887: 1288	[Quaternary]
N	nd	0	1	Sø			<i>Clistophaena hexolena</i> Haeckel, 1887: 1287	[Quaternary]
N	nd	0	1	Sø			<i>Clistophaena polyolena</i> Haeckel, 1887: 1288	[Quaternary]
N	nd	0	1	Sø			<i>Clistophaena pyramidalis</i> Haeckel, 1887: 1287	[Quaternary]
N		1	1	S		T Ti	<i>Clistophaena ruestiana</i> Haeckel, 1887: 1287	[Quaternary]
S		1	1	S			<i>Coccocyelia heliantha</i> Haeckel, 1887: 468	[Early Miocene]
S	nd	0	1	Sø		Td	<i>Coccocyelia liriantha</i> Haeckel, 1887: 468	[Quaternary]
S		1	1	S		Ts	<i>Coccodiscus darwini</i> Haeckel, 1862: 486	[Living]
S	nd	1	1	S			<i>Coccodiscus goethei</i> Haeckel, 1887: 461	[Quaternary]
S		1	1	S			<i>Coccodiscus lamarcki</i> Haeckel, 1887: 461	[Quaternary]
S	nd	0	1	Sø		Td	<i>Coccolarcus lentellipsis</i> Haeckel, 1887: 610	[Quaternary]
S	nd	1	1	S			<i>Coccolarcus? oviformis</i> Clark & Campbell, 1945: 28	e. Middle Eocene
S	nd	0	1	Sø			<i>Coccolarcus platellipsis</i> Haeckel, 1887: 610	[Quaternary]
S		1	1	S		T	<i>Coccolarnacium periphaenoides</i> Dumitrica, 1989: 242	Late Paleocene-e. Middle Eocene
S		1	1	S			<i>Coccy melium pandanus</i> Haeckel, 1887: 308	[Quaternary]
C		1	1	S			<i>Collosphaera armata</i> Brandt, 1905b: 331	Living
C		1	1	S			<i>Collosphaera brattstroemi</i> Bjørklund & Goll, 1979: 1315	l. Early Miocene-Middle Miocene
C		1	1	S			<i>Collosphaera confossa</i> Takahashi, 1991: 56	Living
S		1	1	S			<i>Collosphaera elliptica</i> Chen & Tan, 1989: 6	Holocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
C		1	1	S			<i>Collosphaera gigantopora</i> Chen, 1987: 222	Holocene
C		1	1	S			<i>Collosphaera glebulenta</i> Bjørklund & Goll, 1979: 1316	I. Early Miocene-Middle Miocene
C	nd	0	1	Sø			<i>Collosphaera globularis</i> Haeckel, 1887: 95	Living
C		1	1	S			<i>Collosphaera hedleyi</i> Haswell, 1907: 282	Living
C		1	1	S			<i>Collosphaera irregularis</i> Haeckel, 1887: 97	Living
C	nd	0	1	Sø			<i>Collosphaera ligurina</i> Müller, 1859b: 59	Living
C		1	1	S			<i>Collosphaera macropora</i> Popofsky, 1917: 247	Living
C		1	1	S			<i>Collosphaera mars</i> Kamikuri, 2010: 97	Late Miocene-Pliocene
C		1	1	S			<i>Collosphaera paleogenica</i> Vitukhin, 1993: 89	Late Eocene
C		1	1	S			<i>Collosphaera planca</i> Su, 1982: 281	Living
C	nd	0	1	Sø			<i>Collosphaera polyedra</i> Haeckel, 1887: 97	Living
C		1	1	S			<i>Collosphaera polygona</i> Haeckel, 1887: 96	Living
C	nd	0	1	Sø		Td	<i>Collosphaera primordialis</i> Haeckel, 1887: 95	Living
S		1	1	S			<i>Collosphaera pyloma</i> Reynolds, 1980: 761	I. Early Miocene-e. Late Miocene
C	nd	0	1	Sø			<i>Collosphaera pyriformis</i> Haeckel, 1887: 96	[Quaternary]
C	nd	0	1	Sø			<i>Collosphaera regularis</i> Haeckel, 1887: 95	Living
C		1	1	S			<i>Collosphaera reynoldsi</i> Kamikuri, 2010: 97	e. Late Miocene-Pleistocene
C		1	1	S			<i>Collosphaera? solenochira</i> Sugiyama, 1992a: 194	e. Early Miocene
C		0	1	Su			<i>Collosphaera spinosa</i> Haeckel, 1861b: 845	Living
C		1	0	Sf	syn	Ts	<i>Collosphaera spinosa</i> Haeckel, 1862: 536	Living
C		1	1	S			<i>Collosphaera tripora</i> Reshetnyak & Runeva, 1978: 97	e. Late Miocene
C	nd	0	1	Sø			<i>Collosphaera tuberosa</i> Haeckel, 1887: 97	Living
C		0	1	Su			<i>Collosphaera? tubulosa</i> Müller, 1855a: 243	Living
C		1	0	Sf	syn	T	<i>Thalassicolla punctata</i> Huxley, 1851: 434	Living
C		1	1	S			<i>Collosphaera uniforis</i> Haswell, 1907: 282	Living
C		1	1	S		Ts	<i>Collozoum (Coinozoum) minus</i> Enriques, 1919: 18	Living
C		1	1	S			<i>Collozoum amaeboides</i> Haeckel, 1887: 28	Living
C		1	1	S			<i>Collozoum arcuatum</i> Haswell, 1907: 278	Living
C		1	1	S			<i>Collozoum armatum</i> Haswell, 1907: 275	Living
C	nd	0	1	Sø			<i>Collozoum brandti</i> Wolfenden, 1902: 347	Living
C	nd hom	0	1	Sø		Td	<i>Collozoum brandti</i> Enriques, 1919: 51	Living
C		1	1	S			<i>Collozoum caudatum</i> Swanberg & Anderson, 1981: 1034	Living
C	nd	0	1	Sø			<i>Collozoum contortum</i> Haeckel, 1887: 26	Living
C	nd	0	1	Sø			<i>Collozoum discoideum</i> Haeckel, 1887: 27	Living
C		1	1	S			<i>Collozoum ellipsoides</i> Haeckel, 1887: 26	Living
C		1	1	S		Ts	<i>Collozoum fulvum</i> Brandt, 1885: 223	Living
C		1	1	S			<i>Collozoum hertwigi</i> Brandt, 1885: 228	Living
C		1	1	S			<i>Collozoum longiforme</i> Swanberg & Harbison, 1980: 721	Living
C		1	1	S			<i>Collozoum moebii</i> Brandt, 1905b: 316	Living
C	nd	0	1	Sø			<i>Collozoum nostochinum</i> Haeckel, 1887: 25	Living
C		1	1	S			<i>Collozoum ovale</i> Haswell, 1907: 277	Living
C	nd	0	1	Sø		Td	<i>Collozoum ovatum</i> Haeckel, 1887: 25	Living
C	nn	0	0	Sø			<i>Collozoum radiosum</i> Brandt, 1902: 78	Living
C		1	1	S		T	<i>Collozoum serpentinum</i> Haeckel, 1887: 26	Living
C	nd	0	1	Sø			<i>Collozoum stellatum</i> Haeckel, 1887: 28	Living
C		1	1	S			<i>Collozoum vermiforme</i> Haeckel, 1887: 27	Living
C	nd	0	1	Sø			<i>Collozoum volvocinum</i> Haeckel, 1887: 25	Living
N		1	1	S			<i>Conarachnium isozakiense</i> Nakaseko, 1963: 194	I. Middle Miocene
N		1	1	S			<i>Conarachnium nigrinae</i> Caulet, 1971: 3	Pleistocene-Holocene
N		1	1	S			<i>Conarachnium umachrian</i> Renz, 1976: 144	Living
N		1	1	S		T	<i>Conicavus tipiopsis</i> Takahashi, 1991: 117	Living
S	nn	0	0	Sp	pre		<i>Conocaryomma aralensis</i> Lipman, 1967a	
S		1	1	S		T	<i>Conocaryomma aralensis</i> Lipman, 1969: 186	I. Middle Eocene-Late Eocene
S	nn	0	0	Sp	pre		<i>Conocaryomma lentis</i> Lipman, 1967a	
S		1	1	S			<i>Conocaryomma lentis</i> Lipman, 1969: 188	I. Middle Eocene-Late Eocene
S		1	1	S			<i>Conocaryomma propinqua</i> Kozlova, 1999: 103	Early Eocene-e. Middle Eocene
S	nd	1	1	S		Td	<i>Conophacodiscus romenicus</i> Gorbunov, 1979: 120	Late Eocene
S	nd	1	1	S			<i>Conosphaera abstrusa</i> Moksyakova, 1970: 139	Late Eocene
S		1	1	S			<i>Conosphaera collinus</i> Moksyakova, 1961: 234	Late Eocene
S		1	1	S			<i>Conosphaera comicus</i> Moksyakova, 1961: 234	Late Eocene
C		1	1	S			<i>Conosphaera lamellispinosa</i> Dogiel in Dogiel & Reshetnyak, 1952: 6	Living
C		1	1	S			<i>Conosphaera orthoconus</i> Haeckel, 1887: 221	[Quaternary]
C		1	1	S			<i>Conosphaera plagioconus</i> Haeckel, 1887: 222	[Quaternary]
C		1	1	S		Ts	<i>Conosphaera platyconus</i> Haeckel, 1887: 221	[Quaternary]
W		1	1	S		Te	<i>Conostylus diploconus</i> Popofsky, 1907: 704	Living
W		1	1	S			<i>Conostylus vitrosimilis</i> Popofsky, 1907: 704	Living
N		1	1	S		Ts	<i>Cornutanna (Orthocornutanna) charlestonensis</i> Clark & Campbell, 1945: 35	e. Middle Eocene
N	nd	0	1	Sø		Td	<i>Cornutanna cyrtoconus</i> Haeckel, 1887: 1184	[Quaternary]
N		1	1	S			<i>Cornutanna elegans</i> Principi, 1909: 14	Middle Miocene
N	nd	0	1	Sø			<i>Cornutanna loxoconus</i> Haeckel, 1887: 1184	[Quaternary]



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	0	1	Sø		Td	<i>Cornutanna orthoconus</i> Haeckel, 1887: 1183	Living
N		1	1	S			<i>Cornutella (Cornutissa) paloverdensis</i> Campbell & Clark, 1944: 40	e. Late Miocene
N		1	1	S			<i>Cornutella (Cornutissa) paloverdensis lata</i> Campbell & Clark, 1944: 40	e. Late Miocene
N		0	1	Su			<i>Cornutella ampliata</i> Ehrenberg, 1874b: 221	I. Middle Eocene
N		1	0	Sf	syn		<i>Cornutella ampliata</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N		1	1	S		T	<i>Cornutella? annulata</i> Bailey, 1856: 3	[Quaternary]
N	nd	0	1	Sø			<i>Cornutella argulus</i> Ehrenberg, 1873a: 304	e. Middle Miocene
N		1	1	S			<i>Cornutella burgundiensis</i> Renaudie & Lazarus, 2016: 36	Early Miocene
N	nd	0	1	Su			<i>Cornutella cassis</i> Ehrenberg, 1844a: 77	I. Middle Miocene
N	nd	1	0	Sf	syn		<i>Cornutella? cassis</i> Ehrenberg, 1854d	I. Middle Miocene
N		0	1	Su			<i>Cornutella circularis</i> Ehrenberg, 1874b: 221	I. Middle Eocene
N		1	0	Sf	syn		<i>Cornutella circularis</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N	nn	0	0	Sp	pre		<i>Cornutella clathrata</i> Ehrenberg, 1839a: 129	
N		0	1	Su			<i>Cornutella clathrata</i> Ehrenberg, 1844a: 77	I. Middle Miocene
N		1	0	Sf	syn	T Ti	<i>Cornutella clathrata</i> Ehrenberg, 1854d	I. Middle Miocene
N	nn	0	0	Sp	pre		<i>Cornutella clathrata? β profunda</i> Ehrenberg, 1854b: 241	
N		1	0	S			<i>Cornutella clathrata? β profunda</i> Ehrenberg, 1854d	Holocene
N		0	1	Sd	syn		<i>Cornutella profunda</i> Ehrenberg, 1859: 31	Holocene
N		1	1	S			<i>Cornutella clava</i> Petrushevskaya & Kozlova, 1972: 551	I. Early Miocene-e. Middle Miocene
N		0	1	Su			<i>Cornutella? cucullaris</i> Ehrenberg, 1874b: 221	I. Middle Eocene
N		1	0	Sf	syn	T	<i>Cornutella? cucullaris</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N	nd	0	1	Sø		Td	<i>Cornutella curvata</i> Haeckel, 1887: 1183	I. Middle Miocene
N	nn	0	0	Sp	pre		<i>Cornutella distenta</i> Ehrenberg, 1861b: 822	
N		0	1	Su			<i>Cornutella distenta</i> Ehrenberg, 1873a: 304	Holocene
N		1	0	Sf	syn		<i>Cornutella distenta</i> Ehrenberg, 1873b: 286-287	Holocene
N	nd	1	1	S			<i>Cornutella fimbriata</i> Krasheninnikov, 1960: 295	Early Eocene
N	nd	0	1	Sø			<i>Cornutella floridae</i> Ehrenberg, 1873a: 304	Holocene
N	nn	0	0	Sp	pre		<i>Cornutella gracilis</i> Ehrenberg, 1861b: 822	
N	nd	0	1	Sø			<i>Cornutella gracilis</i> Ehrenberg, 1873b: 286-287	Holocene
N	nn	0	0	Sp	pre		<i>Cornutella granulata</i> Ehrenberg, 1861b: 822	
N	nd	0	1	Su			<i>Cornutella granulata</i> Ehrenberg, 1873a: 304	Holocene
N	nd	1	0	Sf	syn		<i>Cornutella granulata</i> Ehrenberg, 1873b: 286-287	Holocene
N		1	1	S			<i>Cornutella hexagona</i> Haeckel, 1887: 1180	Living
N	nn	0	0	Sp	pre		<i>Cornutella lithocampe</i> Ehrenberg, 1842: 266	
N	nd	0	1	Su			<i>Cornutella lithocampe</i> Ehrenberg, 1844a: 77	[Miocene]
N	nd	1	0	Sf	syn		<i>Eucyrtidium lithocampe</i> Ehrenberg, 1854d	[Miocene]
N		0	1	Su			<i>Cornutella longiseta</i> Ehrenberg, 1873a: 304	Holocene
N		1	0	Sf	syn		<i>Cornutella longiseta</i> Ehrenberg, 1873b: 286-287	Holocene
N		0	1	Su			<i>Cornutella mitra</i> Ehrenberg, 1874b: 221	I. Middle Eocene
N		1	0	Sf	syn		<i>Cornutella mitra</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N		0	1	Su			<i>Cornutella? obtusa</i> Ehrenberg, 1844a: 77	[Miocene]
N		1	0	Sf	syn	T Th	<i>Lophophaena? obtusa</i> Ehrenberg, 1854d	I. Middle Miocene
N	nd	0	1	Su			<i>Cornutella? pygmaea</i> Ehrenberg, 1862b: 297	Holocene
N	nd	1	0	Sf	syn		<i>Cornutella? pygmaea</i> Ehrenberg, 1873b: 286-287	Holocene
N		0	1	Su			<i>Cornutella quadratella</i> Ehrenberg, 1874b: 221	I. Middle Eocene
N		1	0	Sf	syn		<i>Cornutella quadratella</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N	nn	0	0	Sø			<i>Cornutella reticularis</i> Ehrenberg, 1861b: 822	Holocene
N		0	1	Su			<i>Cornutella scalaris</i> Ehrenberg, 1874b: 221	I. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Cornutella scalaris</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N		1	1	S		Ts Th	<i>Cornutella sethoconus</i> Haeckel, 1887: 1180	[Quaternary]
N		0	1	Su			<i>Cornutella spiniceps</i> Ehrenberg, 1874b: 221	I. Middle Eocene
N		1	0	Sf	syn		<i>Cornutella spiniceps</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N	nd	0	1	Sø			<i>Cornutella spiralis</i> Haeckel, 1887: 1183	[Quaternary]
N		1	0	S			<i>Cornutella stiligera</i> Ehrenberg, 1854d	I. Middle Eocene
N		0	1	Sd	syn		<i>Cornutella stiligera</i> Haeckel, 1887: 1181	Holocene
N	nn	0	0	Sp	pre		<i>Cornutella stylophaena</i> Ehrenberg, 1861b: 822	
N		0	1	Su			<i>Cornutella stylophaena</i> Ehrenberg, 1873a: 305	Holocene
N		1	0	Sf	syn		<i>Cornutella stylophaena</i> Ehrenberg, 1873b: 286-287	Holocene
N	nn	0	0	Sp	pre		<i>Cornutella trichostyla</i> Ehrenberg, 1861b: 822	
N		0	1	Su			<i>Cornutella trichostyla</i> Ehrenberg, 1873a: 305	Holocene
N		1	0	Sf	syn		<i>Cornutella trichostyla</i> Ehrenberg, 1873b: 286-287	Holocene
N	nn	0	0	Sø			<i>Cornutella tritonis</i> Bailey, 1856: 5	[Quaternary]
N		0	1	Su			<i>Cornutella trochus</i> Ehrenberg, 1873a: 305	Holocene
N		1	0	Sf	syn	Ti	<i>Cornutella trochus</i> Ehrenberg, 1873b: 286-287	Holocene
N	nn	0	0	Sp	pre		<i>Cornutella tumens</i> Ehrenberg, 1861b: 822	
N		0	1	Su			<i>Cornutella tumens</i> Ehrenberg, 1873a: 305	Holocene
N		1	0	Sf	syn		<i>Cornutella tumens</i> Ehrenberg, 1873b: 288-289	Holocene
N	nn	0	0	Sø			<i>Cornutella ventricosa</i> Ehrenberg, 1861b: 822	Holocene
N		0	1	Su			<i>Cornutella verrucosa</i> Ehrenberg, 1873a: 305	Holocene
N		1	0	Sf	syn		<i>Cornutella verrucosa</i> Ehrenberg, 1873b: 288-289	Holocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S		Ts	<i>Corocalypta agnesae</i> Haeckel, 1887: 1323	Living
N		1	1	S			<i>Corocalypta elisabethae</i> Haeckel, 1887: 1323	Living
N		1	1	S			<i>Corocalypta emmae</i> Haeckel, 1887: 1323	Living
N		1	1	S			<i>Corocalypta killmari</i> Renz, 1976: 118	Early Pleistocene-Living
N		1	1	S			<i>Corocalypta kruegeri</i> Popofsky, 1908: 289	Living
N	nd	0	1	Sø			<i>Corocalypta ludovicae</i> Haeckel, 1887: 1324	Living
N	nd	0	1	Sø			<i>Corocalypta margarethae</i> Haeckel, 1887: 1323	Living
N		1	1	S			<i>Coronidium acacia</i> Haeckel, 1887: 975	[Quaternary]
N		1	1	S			<i>Coronidium cervicorne</i> Haeckel, 1887: 974	[Quaternary]
N		1	1	S			<i>Coronidium diadema</i> Haeckel, 1887: 974	Living
N		1	1	S		Ts	<i>Coronidium dyostephanus</i> Haeckel, 1887: 974	[Quaternary]
C		1	1	S			<i>Coronosphaera amphistoma</i> Dreyer, 1889: 52	[Quaternary]
C		1	1	S			<i>Coronosphaera calycina</i> Haeckel, 1887: 117	[Quaternary]
C	nd	0	1	Sø			<i>Coronosphaera convolvulus</i> Haeckel, 1887: 117	Living
C		1	1	S		Ts	<i>Coronosphaera diadema</i> Haeckel, 1887: 117	[Quaternary]
N		1	1	S			<i>Cortina cervina</i> Haeckel, 1887: 964	[Quaternary]
N	nd	0	1	Sø			<i>Cortina conifera</i> Haeckel, 1887: 951	[Early Miocene]
N	nd	0	1	Sø			<i>Cortina dendroides</i> Haeckel, 1887: 951	[Quaternary]
N	nd	0	1	Sø			<i>Cortina furcata</i> Haeckel, 1887: 951	[Quaternary]
N		1	1	S			<i>Cortina tripus</i> Haeckel, 1887: 950	Living
N		1	1	S		Ts	<i>Cortina typus</i> Haeckel, 1887: 951	[Quaternary]
N		1	1	S			<i>Cortiniscus dipylaris</i> Haeckel, 1887: 891	[Early Miocene]
N	nd	0	1	Sø			<i>Cortiniscus tetrapylaris</i> Haeckel, 1887: 964	[Eocene]
N		1	1	S			<i>Cortiniscus tripodiscus</i> Haeckel, 1887: 963	[Quaternary]
N	nd	0	1	Sø			<i>Cortiniscus tripylaris</i> Haeckel, 1887: 964	[Quaternary]
N		1	1	S		Ts	<i>Cortiniscus typicus</i> Haeckel, 1887: 964	[Quaternary]
N		1	1	S			<i>Corythomelissa horrida group</i> Petrushevskaya, 1975: 590	Late Oligocene-l. Late Miocene
N		1	1	S			<i>Corythomelissa omoprominentia</i> Funakawa, 1995b: 212	Early Miocene
N		1	1	S			<i>Corythomelissa pachyostraca</i> Funakawa, 1995b: 214	Late Oligocene
N		1	1	S			<i>Corythomelissa spinosa</i> Funakawa, 1995b: 214	Late Oligocene-l. Late Miocene
N		1	1	S			<i>Corythospyris fiscella</i> Goll, 1978: 178	Late Oligocene-e. Middle Miocene
N		1	1	S			<i>Corythospyris hispida</i> Goll & Bjørklund, 1989: 731	e. Middle Miocene
N		1	1	S			<i>Corythospyris jubata</i> Goll, 1978: 177	Late Oligocene-e. Middle Miocene
N		1	1	S			<i>Corythospyris jubata sverdrupi</i> Goll & Bjørklund, 1989: 731	l. Early Miocene
N		1	1	S			<i>Corythospyris reuschi</i> Goll & Bjørklund, 1989: 731	e. Late Miocene
S	nd	1	1	S		Td	<i>Coscinomma amphisiphon</i> Haeckel, 1887: 222	Living
S	nd	0	1	Sø		Td	<i>Coscinomma ectosiphon</i> Haeckel, 1887: 222	Living
S	nd	0	1	Sø		Td	<i>Coscinomma endosiphon</i> Haeckel, 1887: 223	Living
S	nd	0	1	Sø		Td	<i>Coscinomma macrosiphon</i> Haeckel, 1887: 223	Living
N		1	1	S		Ts	<i>Craterocyclus robustissima</i> Haecker, 1908: 434, 454	Living
S		1	1	S		Ts	<i>Cristallosphaera cristalloides</i> Popofsky, 1912: 155	Living
C	nd	0	1	Sø			<i>Cristallosphaera elongata</i> Hollande & Enjume, 1960: 125	Living
S		1	1	S			<i>Cromyatractus ceparius</i> Haeckel, 1887: 336	[Quaternary]
S		1	1	S		Ts	<i>Cromyatractus cepicius</i> Haeckel, 1887: 336	[Early Miocene]
S		1	1	S			<i>Cromyatractus elegans</i> Dogiel in Petrushevskaya, 1969a: 138	Living
S		1	1	S			<i>Cromyatractus tetracelyphus</i> Haeckel, 1887: 335	[Quaternary]
S	nd	0	1	Sø			<i>Cromyatractus tetralepas</i> Haeckel, 1887: 335	[Quaternary]
S		1	1	S		T	<i>Cromyatractus tetratractus</i> Haeckel, 1887: 335	Quaternary
S		1	1	S		Ts	<i>Cromyodruppocarpus esterae</i> Campbell & Clark, 1944: 20	e. Late Miocene
S		1	1	S			<i>Cromyechinus bifasciculatus</i> Dogiel in Petrushevskaya, 1969a: 134	Living
S		1	1	S			<i>Cromyechinus dodecakanthus</i> Haeckel, 1887: 264	Living
S		1	1	S		T	<i>Cromyechinus icosacanthus</i> Haeckel, 1887: 263	[Quaternary]
S	nd	0	1	Sø			<i>Cromyechinus polyacanthus</i> Haeckel, 1887: 264	Living
S		1	1	S			<i>Cromyechinus pycnopora</i> Nishimura, 1992: 322	Middle Paleocene
S		1	1	S			<i>Cromyocarpus echinatus</i> Mamedov, 1970: 63	Late Eocene
S		1	1	S			<i>Cromyocarpus kenemechensis</i> Lipman, 1950: 56	Late Eocene
S		1	1	S			<i>Cromyocarpus ovalis</i> Barwicz-Piskorz, 1978: 232	e. Middle Miocene
S		1	1	S			<i>Cromyocarpus? ovatus</i> Grigoryeva, 1975: 104	Early Paleocene
S	nd	0	1	Sø		Td	<i>Cromyocarpus quadrifarius</i> Haeckel, 1887: 318	[Quaternary]
S		1	1	S			<i>Cromyocarpus spinosus</i> Mamedov, 1970: 61	l. Middle Eocene
S	nd	0	1	Sø		Td	<i>Cromyodruppa cepa</i> Haeckel, 1887: 317	[Quaternary]
S	nd	0	1	Sø		Td	<i>Cromyodruppa mango</i> Haeckel, 1887: 318	Living
S		1	1	S			<i>Cromyodruppa ovata</i> Lipman, 1949: 114	Early Eocene
S		1	1	S			<i>Cromyodruppa ovoidea</i> Borisenko, 1958: 88	Late Eocene
S		1	1	S		T	<i>Cromyodruppa regularia</i> Borisenko, 1958: 88	Paleocene
S		1	1	S			<i>Cromyodruppa regularia</i> var. <i>solenaja</i> Borisenko, 1960a: 202	Late Paleocene
S		1	1	S			<i>Cromyodruppa singularia</i> Borisenko, 1958: 88	Early Eocene
S		1	1	S			<i>Cromyodruppa spiratica</i> Lipman, 1972: 47	Late Eocene
S		1	1	S			<i>Cromyodruppa tebesensis</i> Lipman, 1972: 46	Late Eocene
S	nd	1	1	S			<i>Cromyodruppa tumida</i> Borisenko, 1960b: 226	Early Eocene-Middle Eocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	1	1	S			<i>Cromyodruppa vilis</i> Kozlova, 1960: 310	Miocene
S		1	1	S			<i>Cromyodrymus abietinus</i> Haeckel, 1887: 265	Living
S		1	1	S		Ts	<i>Cromyodrymus quadricuspis</i> Haeckel, 1887: 264	[Quaternary]
S		1	1	S			<i>Cromyomma circumtextum</i> Haeckel, 1887: 262	[Quaternary]
S	nd	1	1	S			<i>Cromyomma macroporum</i> Stöhr, 1880: 95	[e. Late Miocene]
S	nn	0	0	Sø			<i>Cromyomma micropora</i> Stöhr, 1878: 516	[e. Late Miocene]
S		1	1	S			<i>Cromyomma mucronatum</i> Haeckel, 1887: 263	[Quaternary]
S	nd	1	1	S			<i>Cromyomma perplexum</i> Stöhr, 1880: 95	[e. Late Miocene]
S		1	1	S		Ts	<i>Cromyomma perspicuum</i> Haeckel, 1887: 262	Living
S		1	1	S			<i>Cromyomma riedeli</i> Nishimura, 1992: 322	Middle Paleocene
S		1	1	S			<i>Cromyomma spinulosa</i> Lipman, 1972: 45	Late Eocene
S		1	1	S		Ts	<i>Cromyomma tuberculata</i> Lipman, 1949: 117	Early Eocene
S		1	1	S		Ts	<i>Cromyomma villosum</i> Haeckel, 1887: 261	[Quaternary]
S	nd	0	1	Sø			<i>Cromyosphaera antarctica</i> Haeckel, 1887: 85	[Quaternary]
S	nd	0	1	Sø			<i>Cromyosphaera bigemina</i> Haeckel, 1887: 85	[Quaternary]
S	nd	0	1	Sø			<i>Cromyosphaera cepa</i> Haeckel, 1887: 85	[Eocene]
S	nd	1	1	S			<i>Cromyosphaera? dubia</i> Campbell & Clark, 1944: 9	e. Late Miocene
E		1	1	S			<i>Cromyosphaera nipponica</i> Nakaseko, 1959a: 9	Holocene
S		1	1	S		T	<i>Cromyosphaera quadruplex</i> Haeckel, 1887: 84	[Quaternary]
S	nd	0	1	Sø			<i>Cromyosphaera rosetta</i> Haeckel, 1887: 84	[Quaternary]
S	nd	0	1	Sø			<i>Cromyosphaera scorodonium</i> Haeckel, 1887: 85	[Early Miocene]
S	nn	0	0	Sp	pre		<i>Cromyosphaera tschurini</i> Lipman, 1967a	
S	nd	1	1	S			<i>Cromyosphaera tschurini</i> Lipman, 1967b: 94	Late Cretaceous-Paleogene
S	nn	0	0	Sp	pre		<i>Cromyosphaera vivenkensis</i> Lipman, 1967a	
S	nd	1	1	S			<i>Cromyosphaera vivenkensis</i> Lipman, 1967b: 92	Late Cretaceous-Paleogene
S	nd	1	1	S		Td	<i>Cromyostaurolonche cruciformis</i> Campbell & Clark, 1944: 13	e. Late Miocene
S	nd	0	1	Sø		Td	<i>Cromyostaurus verticillatus</i> Haeckel, 1887: 167	[Early Miocene]
S	nd	0	1	Sø		Td	<i>Cromyostylus gladius</i> Haeckel, 1887: 147	[Quaternary]
S	nd	0	1	Sø			<i>Crucidiscus cruciatus</i> Haeckel, 1887: 416	[Quaternary]
S	nd	0	1	Sø		Td	<i>Crucidiscus cuspidatus</i> Haeckel, 1887: 416	[Early Miocene]
S	nd	0	1	Sø			<i>Crucidiscus echinatus</i> Haeckel, 1887: 416	[Quaternary]
S		1	1	S		Ts	<i>Crucidiscus endostaurus</i> Haeckel, 1887: 416	[Quaternary]
S	nd	1	1	S			<i>Crucidiscus polygonus</i> Mokszyakova, 1970: 144	Late Eocene
N	nd	0	1	Sø			<i>Cryptocapsa bacca</i> Haeckel, 1887: 1313	[Quaternary]
N	nd	0	1	Sø			<i>Cryptocapsa pila</i> Haeckel, 1887: 1313	[Quaternary]
N		1	1	S		T	<i>Cryptogyrus trachylobus</i> Sugiyama, 1993: 65	e. Middle Miocene
S		1	1	S			<i>Cryptolamacium ellipsoideale</i> Dumitrica, 2020: 9	I. Middle Eocene
S		1	1	S			<i>Cryptolamacium hericiforme</i> Dumitrica, 2020: 11	Early Eocene-I. Middle Eocene
S		1	1	S		T	<i>Cryptolamacium hexastylus</i> Dumitrica, 1989: 246	Late Paleocene-I. Middle Eocene
S		1	1	S			<i>Cryptolamacium pauliani</i> Renaudie & Lazarus, 2015: 187	Late Miocene-Early Pleistocene
S		1	1	S		T	<i>Cryptomanicula absconsa</i> Dumitrica, 2019: 51	Early Paleocene
N	nd	0	1	Sø			<i>Cryptoprora constricta</i> Ehrenberg, 1873a: 306	Holocene
N	nn	0	0	Sø			<i>Cryptoprora fundicola</i> Ehrenberg, 1861a: 767	Holocene
N	nn	1	0	S			<i>Cryptoprora inflata</i> Ehrenberg in Suzuki <i>et al.</i> , 2009a	Holocene
N		0	1	Su			<i>Cryptoprora ornata</i> Ehrenberg, 1874b: 222	I. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Cryptoprora ornata</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N	nn	0	0	Sp	pre		<i>Cryptoprora plutonis</i> Ehrenberg, 1854a: table	
N		0	1	Su			<i>Cryptoprora plutonis</i> Ehrenberg, 1854b: 241	Holocene
N		1	0	Sf	syn	Ts	<i>Cryptoprora plutonis</i> Suzuki <i>et al.</i> , 2009a	Holocene-Living
N		0	1	Su			<i>Cryptoprora polyptera</i> Ehrenberg, 1873a: 306	Holocene
N		1	0	Sf	syn		<i>Cryptoprora polyptera</i> Ehrenberg, 1873b: 288-289	Holocene
N	nn	0	0	Sø			<i>Cryptoprora tumida</i> Ehrenberg, 1861b: 822	Holocene
S	nd	0	1	Sø			<i>Cubaxonium octahedrum</i> Haeckel, 1887: 204	Living
S	nd	0	1	Sø		Td	<i>Cubaxonium spongiosum</i> Haeckel, 1887: 204	Living
S	nd	0	1	Sø			<i>Cubosphaera concentrica</i> Haeckel, 1887: 203	[Early Miocene]
S		1	1	S		Ts	<i>Cubosphaera cubaxonia</i> Haeckel, 1887: 203	[Quaternary]
S		1	1	S		Ts Ti	<i>Cubotholonium ellipsoideale</i> Haeckel, 1887: 682	[Quaternary]
S		1	1	S			<i>Cubotholonium polystylum</i> Chen, 1987: 225	Holocene
S	nd	0	1	Sø			<i>Cubotholonium sphaeroides</i> Haeckel, 1887: 682	[Quaternary]
S	nd	0	1	Sø		Td	<i>Cubotholus octoceras</i> Haeckel, 1887: 681	[Quaternary]
S	nd	0	1	Sø			<i>Cubotholus quadraticus</i> Haeckel, 1887: 680	[Quaternary]
S		1	1	S		Ts	<i>Cubotholus regularis</i> Haeckel, 1887: 680	[Quaternary]
S	nd	0	1	Sø			<i>Cubotholus rhombicus</i> Haeckel, 1887: 681	[Quaternary]
N		1	1	S			<i>Cycladophora antiqua</i> Abelmann, 1990: 698	Early Miocene
N		1	1	S			<i>Cycladophora bicornis amphora</i> Lombari & Lazarus, 1988: 110	Middle Miocene-Early Pliocene
N		1	1	S			<i>Cycladophora bicornis helios</i> Lombari & Lazarus, 1988: 114	Late Miocene
N		1	1	S			<i>Cycladophora bicornis klingi</i> Lombari & Lazarus, 1988: 108	e. Middle Miocene-Early Pliocene
N		1	1	S			<i>Cycladophora cabrilloensis borea</i> Lombari & Lazarus, 1988: 122	Middle Miocene
N		1	1	S			<i>Cycladophora cabrilloensis subhumerus</i> Lombari & Lazarus, 1988: 120	e. Middle Miocene
N	nd	0	1	Sø			<i>Cycladophora campanula</i> Haeckel, 1887: 1379	[Eocene]



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	hom	1	1	S			<i>Cycladophora campanula</i> Lombardi & Lazarus, 1988: 123	e. Early Miocene
N		1	1	S			<i>Cycladophora conica</i> Lombardi & Lazarus, 1988: 105	Oligocene?-Late Miocene
N		1	1	S			<i>Cycladophora cosma cosma</i> Lombardi & Lazarus, 1988: 103	Middle Miocene
N		1	1	S			<i>Cycladophora cosma irregularis</i> Lombardi & Lazarus, 1988: 105	e. Middle Miocene
N		0	1	Su			<i>Cycladophora? davisiana</i> Ehrenberg, 1862b: 297	Holocene
N		1	0	Sf	syn	T	<i>Cycladophora davisiana</i> Ehrenberg, 1873b: 288-289	Holocene
N		1	1	S			<i>Cycladophora davisiana cornutoides</i> Petrushevskaya, 1967: 124	Living
N		1	1	S			<i>Cycladophora davisiana semeloides</i> Petrushevskaya, 1967: 124	Living
N		0	1	Su			<i>Cycladophora discoides</i> Ehrenberg, 1874b: 222	l. Middle Eocene
N		1	0	Sf	syn		<i>Cycladophora? discoides</i> Ehrenberg, 1876: 68-69	l. Middle Eocene
N	nd	0	1	Sø			<i>Cycladophora dodecapleura</i> Haeckel, 1887: 1379	[Quaternary]
N	nd	0	1	Sø		Td	<i>Cycladophora enneapleura</i> Haeckel, 1887: 1378	[Quaternary]
N		0	1	Su			<i>Cycladophora erinaceus</i> Ehrenberg, 1874b: 222	l. Middle Eocene
N		1	0	Sf	syn		<i>Cycladophora erinaceus</i> Ehrenberg, 1876: 68-69	l. Middle Eocene
N		1	1	S			<i>Cycladophora favosa</i> Haeckel, 1887: 1380	[Quaternary]
N		1	1	S			<i>Cycladophora fenestrata</i> Haeckel, 1887: 1380	[Quaternary]
N		1	1	S			<i>Cycladophora funakawai</i> Kamikuri, 2010: 101	Middle Miocene-Late Miocene
N		0	1	Su			<i>Cycladophora gigas</i> Ehrenberg, 1874b: 222	l. Middle Eocene
N		1	0	Sf	syn		<i>Cycladophora gigas</i> Ehrenberg, 1876: 68-69	l. Middle Eocene
N		1	1	S		T	<i>Cycladophora goetheana</i> Haeckel, 1887: 1376	[Quaternary]
N		1	1	S		Ts	<i>Cycladophora hexapleura</i> Haeckel, 1887: 1377	[Eocene]
N	nd	0	1	Sø			<i>Cycladophora lanterna</i> Haeckel, 1887: 1377	[Quaternary]
N		1	1	S			<i>Cycladophora nakasekoi</i> Motoyama, 1996: 243	l. Middle Miocene
N	nd	0	1	Sø			<i>Cycladophora nonagona</i> Haeckel, 1887: 1378	[Eocene]
N		1	1	S			<i>Cycladophora ochotica</i> Vitukhin, 1993: 81	e. Middle Miocene
N		1	1	S		T	<i>Cycladophora pantheon</i> Haeckel, 1887: 1379	[Quaternary]
N		1	1	S			<i>Cycladophora pyramidalis</i> Haeckel, 1887: 1377	Late Eocene
N		1	1	S			<i>Cycladophora robusta</i> Lombardi & Lazarus, 1988: 105	e. Middle Miocene-Early Pliocene
N	hom	1	1	S			<i>Cycladophora robusta</i> Vitukhin in Barinov <i>et al.</i> , 1992: 130	l. Middle Miocene
N		1	1	S			<i>Cycladophora rosetta</i> Lombardi & Lazarus, 1988: 114	e. Middle Miocene
N		1	1	S			<i>Cycladophora sakaii</i> Motoyama, 1996: 246	Late Miocene-Pliocene
N	nn	0	0	Sp	pre		<i>Cycladophora spatiosa</i> Ehrenberg, 1847: 48	
N		0	1	Su			<i>Cycladophora spatiosa</i> Ehrenberg, 1874b: 222	l. Middle Eocene
N		1	0	Sf	syn		<i>Cycladophora spatiosa</i> Ehrenberg, 1876: 68-69	l. Middle Eocene
N	nd	0	1	Sø			<i>Cycladophora spinosa</i> Haeckel, 1887: 1378	[Early Miocene]
N		0	1	Su			<i>Cycladophora stiligera</i> Ehrenberg, 1874b: 223	l. Middle Eocene
N		1	0	Sf	syn		<i>Cycladophora stiligera</i> Ehrenberg, 1876: 68-69	l. Middle Eocene
N	nd	0	1	Su			<i>Cycladophora tabulata</i> Ehrenberg, 1873a: 306	Holocene
N	nd	1	0	Sf	syn		<i>Cycladophora tabulata</i> Ehrenberg, 1873b: 145, 288-289	Holocene
N		1	1	S			<i>Cycladophora teocalli</i> Kamikuri, 2010: 101	l. Middle Miocene
N	nd	0	1	Sø			<i>Cycladophora tetrapleura</i> Haeckel, 1887: 1376	[Quaternary]
N		1	1	S			<i>Cycladophora urymensis</i> Popova, 1989: 75	l. Middle Miocene-Pleistocene
N		1	1	S			<i>Cyclampterium? brachythorax</i> Sanfilippo & Riedel, 1970: 457	l. Middle Miocene
N		1	1	S			<i>Cyclampterium? leptetrum</i> Sanfilippo & Riedel, 1970: 456	e. Middle Miocene-l. Middle Miocene
N		1	1	S			<i>Cyclampterium? longiventer</i> Chen, 1975: 459	Oligocene
N		1	1	S			<i>Cyclampterium? milowi</i> Riedel & Sanfilippo, 1971: 1593	Late Eocene-Oligocene
N		1	1	S			<i>Cyclampterium? neatum</i> Sanfilippo & Riedel, 1970: 457	e. Middle Miocene-Living
N		1	1	S			<i>Cyclampterium? pegetrum</i> Sanfilippo & Riedel, 1970: 456	Early Oligocene-e. Early Miocene
N		1	1	S			<i>Cyclampterium? tanythorax</i> Sanfilippo & Riedel, 1970: 457	e. Middle Miocene-l. Middle Miocene
S		1	1	S			<i>Cyclastrum trifastigiatum</i> Tan & Tchang, 1976: 307	Living
N		1	1	S		T	<i>Cyphaetron sinolampas</i> Caulet, 1991: 536	Early Oligocene
S		1	1	S			<i>Cypassis cingulata</i> Popofsky, 1912: 120	Living
S	nd	0	1	Sø			<i>Cypassis eucolpos</i> Haeckel, 1887: 367	Living
S	nd	0	1	Sø			<i>Cypassis halicora</i> Haeckel, 1887: 368	Living
S		1	1	S			<i>Cypassis irregularis</i> Nigrini, 1968: 53	Living
S	nd	0	1	Sø		Td	<i>Cypassis palliata</i> Haeckel, 1887: 366	Living
S		1	1	S			<i>Cypassis puella</i> Haeckel, 1887: 367	Living
S	nd	0	1	Sø			<i>Cyphanta arachnoides</i> Haeckel, 1887: 361	Living
S	nd	0	1	Sø		Td Th	<i>Cyphanta colpodes</i> Haeckel, 1887: 361	[Quaternary]
S	nd	0	1	Sø		Td	<i>Cyphanta hispida</i> Haeckel, 1887: 362	[Quaternary]
S	nd	0	1	Sø			<i>Cyphanta hystrix</i> Haeckel, 1887: 362	Living
S	nd	0	1	Sø		Td	<i>Cyphinidium amphistylum</i> Haeckel, 1887: 371	[Quaternary]
S	nd	0	1	Sø		Td	<i>Cyphinidium coronatum</i> Haeckel, 1887: 372	[Quaternary]
S	nd	0	1	Sø		Td	<i>Cyphinus amphacanthus</i> Haeckel, 1887: 369	[Quaternary]
S		1	1	S		Ts	<i>Cyphinus amphiphilus</i> Haeckel, 1887: 370	[Quaternary]
S	nd	0	1	Sø			<i>Cyphinus dixiphus</i> Haeckel, 1887: 370	[Quaternary]
S	nd	0	1	Sø			<i>Cyphocolpus didymus</i> Haeckel, 1887: 368	Living
S		1	1	S		Ts	<i>Cyphocolpus virginis</i> Haeckel, 1887: 369	Living
S	nd	0	1	Sø		Td	<i>Cyphonium coscinoides</i> Haeckel, 1887: 363	Living

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Cyphonium cribellum</i> Haeckel, 1887: 365	Living
S	nd	0	1	Sø			<i>Cyphonium diattus</i> Haeckel, 1887: 364	[Quaternary]
S	nd	0	1	Sø			<i>Cyphonium ethmarium</i> Haeckel, 1887: 363	Living
S	nd	0	1	Sø			<i>Cyphonium facetarium</i> Haeckel, 1887: 365	[Quaternary]
S	nd	0	1	Sø		Td	<i>Cyphonium hexagonium</i> Haeckel, 1887: 364	[Early Miocene]
S	nd	0	1	Sø			<i>Cyphonium mammarium</i> Haeckel, 1887: 364	[Quaternary]
S		1	1	S			<i>Cyphonium monozonium</i> Popofsky, 1912: 118	Living
S	nd	0	1	Sø			<i>Cyphonium trinacrium</i> Haeckel, 1887: 364	[Miocene]
S		1	1	S			<i>Cyphonium virgineum</i> Haeckel, 1887: 363	[Quaternary]
N		1	1	S			<i>Cyrtharia septima</i> Tochilina, 2008: 64	Pliocene
S		1	1	S			<i>Cyrtidosphaera echinoides</i> Haeckel, 1865: 357, 366	Living
S		0	1	Su			<i>Cyrtidosphaera reticulata</i> Haeckel, 1861a: 803	Living
S		1	0	Sf	syn	T	<i>Cyrtidosphaera reticulata</i> Haeckel, 1862: 349, 544	Living
N	nd	1	1	S			<i>Cyrtocalpis aemiliana</i> Lucchese, 1927: 103	e. Middle Miocene
N		0	1	Su			<i>Cyrtocalpis amphora</i> Haeckel, 1861b: 835	Living
N		1	0	Sf	syn	Ts	<i>Cyrtocalpis amphora</i> Haeckel, 1862: 286	Living
N		1	1	S			<i>Cyrtocalpis buetschlii</i> Vinassa de Regny, 1900: 580	l. Early Miocene
N	nd	1	1	S			<i>Cyrtocalpis compacta</i> Haeckel, 1887: 1187	[Early Miocene]
N	nd	1	1	S			<i>Cyrtocalpis? derosa</i> Kozlova, 1960: 316	Miocene
N		1	1	S			<i>Cyrtocalpis fabaeformis</i> Krashennikov, 1960: 296	Early Eocene
N	nd	1	1	S			<i>Cyrtocalpis globosa</i> Principi, 1909: 14	Middle Miocene
N	nd	1	1	S			<i>Cyrtocalpis gromia</i> Haeckel, 1887: 1188	[Quaternary]
N		1	1	S			<i>Cyrtocalpis lithomitra</i> Haeckel, 1887: 1187	[Quaternary]
N	nd	0	1	Sø			<i>Cyrtocalpis longidens</i> Seguenza, 1880: 231	Early Pliocene
N	nd	1	1	S			<i>Cyrtocalpis lucida</i> Kozlova, 1999: 143	Middle Eocene
N		1	1	S			<i>Cyrtocalpis micropora</i> Stöhr, 1880: 96	[e. Late Miocene]
N		0	1	Su			<i>Cyrtocalpis obliqua</i> Haeckel, 1861b: 835	Living
N		1	0	Sf	syn		<i>Cyrtocalpis obliqua</i> Haeckel, 1862: 286, 540	Living
N	nd	1	1	S			<i>Cyrtocalpis originalis</i> Mamedov, 1969a: 26	Late Eocene
N	nd	1	1	S			<i>Cyrtocalpis ovooides</i> Principi, 1909: 15	Middle Miocene
N	hom	1	1	S			<i>Cyrtocalpis ovulum</i> Haeckel, 1887: 1187	[Quaternary]
N	nd	1	1	S			<i>Cyrtocalpis petriphialia</i> Clark & Campbell, 1945: 36	e. Middle Eocene
N	nd	0	1	Sø			<i>Cyrtocalpis reticulum</i> Haeckel, 1887: 1186	[Quaternary]
N	nd	1	1	S			<i>Cyrtocalpis sethopena</i> Haeckel, 1887: 1187	[Quaternary]
N	nd	1	1	S			<i>Cyrtocalpis tubulosa</i> Vinassa de Regny, 1900: 580	l. Early Miocene
N		1	1	S			<i>Cyrtocalpis urceolus</i> Haeckel, 1887: 1186	Living
N	nd	1	1	S			<i>Cyrtocalpis urna</i> Stöhr, 1880: 96	[e. Late Miocene]
N		1	1	S			<i>Cyrtocapsa (Cyrtocapsella) subconica</i> Nakaseko, 1955: 120	l. Early Miocene
N		1	1	S			<i>Cyrtocapsa bicornis</i> Vinassa de Regny, 1900: 589	l. Early Miocene
N		1	1	S			<i>Cyrtocapsa brevicornis</i> Vinassa de Regny, 1900: 589	l. Early Miocene
N		1	1	S			<i>Cyrtocapsa chrysalidium</i> Haeckel, 1887: 1515	[Quaternary]
N	nd	0	1	Sø			<i>Cyrtocapsa colatractus</i> Haeckel, 1887: 1514	[Quaternary]
N		1	1	S			<i>Cyrtocapsa compacta</i> Haeckel, 1887: 1512	[Quaternary]
N		1	1	S			<i>Cyrtocapsa cornuta</i> Haeckel, 1887: 1513	[Quaternary]
N	nd	0	1	Sø			<i>Cyrtocapsa costata</i> Haeckel, 1887: 1514	[Quaternary]
N		1	1	S			<i>Cyrtocapsa diploconus</i> Haeckel, 1887: 1513	[Quaternary]
N	nd	1	1	S			<i>Cyrtocapsa fusulus</i> Haeckel, 1887: 1514	[Quaternary]
N	nd	1	1	S			<i>Cyrtocapsa gadzhiliensis</i> Mamedov, 1969c: 39	Late Eocene
N		1	1	S			<i>Cyrtocapsa hexagona</i> Lucchese, 1927: 109	e. Middle Miocene
N		1	1	S			<i>Cyrtocapsa hirta</i> Vinassa de Regny, 1900: 589	l. Early Miocene
N	nd	1	1	S			<i>Cyrtocapsa inaequispina</i> Principi, 1909: 19	Middle Miocene
N	nd	0	1	Sø			<i>Cyrtocapsa inflata</i> Haeckel, 1887: 1513	[Quaternary]
N	nd	0	1	Sø			<i>Cyrtocapsa lavellei</i> Cocco, 1905: 7	Late Miocene
N		1	1	S			<i>Cyrtocapsa laevigata</i> Vinassa de Regny, 1900: 590	l. Early Miocene
N	nd	1	1	S			<i>Cyrtocapsa longicornis</i> Vinassa de Regny, 1900: 589	l. Early Miocene
N		1	1	S			<i>Cyrtocapsa macropora</i> Vinassa de Regny, 1900: 589	l. Early Miocene
N		1	1	S			<i>Cyrtocapsa marinellii</i> Principi, 1909: 19	Middle Miocene
N		1	1	S			<i>Cyrtocapsa miocaenica</i> Vinassa de Regny, 1900: 590	l. Early Miocene
N		1	1	S			<i>Cyrtocapsa miocaenica laevicauda</i> Vinassa de Regny, 1900: 590	l. Early Miocene
N		1	1	S			<i>Cyrtocapsa miocaenica</i> var. <i>imperfomaticauda</i> Lucchese, 1927: 109	e. Middle Miocene
N		1	1	S			<i>Cyrtocapsa osculum</i> O'Connor, 1997a: 75	Early Oligocene-Late Oligocene
N		1	1	S			<i>Cyrtocapsa polygonalis</i> Principi, 1909: 19	Middle Miocene
N		1	1	S			<i>Cyrtocapsa pyrum</i> Haeckel, 1887: 1513	[Early Miocene]
N		1	1	S			<i>Cyrtocapsa rothpletzi</i> Vinassa de Regny, 1900: 588	l. Early Miocene
N		1	1	S			<i>Cyrtocapsa strangulata</i> Vinassa de Regny, 1900: 589	l. Early Miocene
N		1	1	S		T	<i>Cyrtocapsa tetrapera</i> Haeckel, 1887: 1512	[Quaternary]
N		1	1	S			<i>Cyrtocapsella ampullacea</i> Goll & Bjørklund, 1989: 732	Middle Miocene
N		1	1	S			<i>Cyrtocapsella eldholmi</i> Bjørklund, 1976a: 1125	Early Miocene-Middle Miocene
N		1	1	S			<i>Cyrtocapsella isopera</i> Chen, 1974: 488	e. Early Miocene
N		1	1	S			<i>Cyrtocapsella? japonica dilatata</i> Tochilina, 1985: 112	Early Miocene

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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Cyrtocapsella kladaros</i> Goll & Björklund, 1989: 731	Middle Miocene
N		1	1	S			<i>Cyrtocapsella robusta</i> Abelmann, 1990: 696	Late Oligocene
N		1	1	S			<i>Cyrtocapsella rumana</i> Dumitrica, 1978: 243	Middle Miocene
N		1	1	S			<i>Cyrtocapsella tetrapera distributa</i> Tochilina, 1985: 111	Early Miocene
N		1	1	S			<i>Cyrtopera aglaolampa</i> Takahashi, 1991: 119	Living
N	nd	0	1	Sø			<i>Cyrtopera gasteroptera</i> Haeckel, 1887: 1451	[Quaternary]
N	nd	0	1	Sø			<i>Cyrtopera lagenella</i> Haeckel, 1887: 1451	[Quaternary]
N		1	1	S		Ts	<i>Cyrtopera laguncula</i> Haeckel, 1887: 1451	[Quaternary]
N	nd	0	1	Sø			<i>Cyrtopera ornithoptera</i> Haeckel, 1887: 1450	[Quaternary]
N		1	1	S		T	<i>Cyrtopera thoracoptera</i> Haeckel, 1887: 1450	[Quaternary]
N	nd	0	1	Sø			<i>Cyrtophormis aculeata</i> Haeckel, 1887: 1461	[Quaternary]
N		1	1	S		Ts	<i>Cyrtophormis armata</i> Haeckel, 1887: 1460	[Quaternary]
N		1	1	S		Ts	<i>Cyrtophormis cingulata</i> Haeckel, 1887: 1460	[Quaternary]
N		1	1	S			<i>Cyrtophormis cornuta</i> Haeckel, 1887: 1462	[Quaternary]
N		1	1	S		T	<i>Cyrtophormis corona</i> Haeckel, 1887: 1462	[Quaternary]
N		1	1	S		Ts Th	<i>Cyrtophormis cylindrica</i> Haeckel, 1887: 1461	[Quaternary]
N		1	1	S			<i>Cyrtophormis gargantua</i> Renaudie & Lazarus, 2012: 41	e. Early Miocene-Middle Miocene
N		1	1	S			<i>Cyrtophormis ob</i> Petrushevskaya, 1975: 588	I. Late Miocene
N	nd	0	1	Sø			<i>Cyrtophormis ovata</i> Haeckel, 1887: 1460	[Quaternary]
N		1	1	S			<i>Cyrtophormis petrushevskayae</i> Renaudie & Lazarus, 2016: 34	Late Oligocene-Early Pliocene
N		1	1	S			<i>Cyrtophormis turricula</i> Haeckel, 1887: 1463	[Quaternary]
N	nd	0	1	Sø			<i>Cyrtophormis turrita</i> Haeckel, 1887: 1462	[Quaternary]
N		1	1	S			<i>Cyrtostephanus cordiformis</i> Popofsky, 1913: 290, 413	Living
N		1	1	S		Ts	<i>Cyrtostephanus globosus</i> Popofsky, 1913: 289, 413	Living
N		1	1	S		T	<i>Cystidium inerme</i> Hertwig, 1879: 214	Living
N	nd	0	1	Sø			<i>Cystidium lecythium</i> Haeckel, 1887: 897	Living
N		1	1	S			<i>Cystidium princeps</i> Haeckel, 1887: 897	Living
N		1	1	S		Ts	<i>Cystidium spiculosum</i> Hollande & Enjument, 1960: 137	Living
N	nd	1	1	S			<i>Cystophormis aerostatica</i> Haeckel, 1887: 1166	[Quaternary]
N	nd	1	1	S		Td	<i>Cystophormis pila</i> Haeckel, 1887: 1165	[Early Miocene]
N	nd	1	1	S			<i>Cystophormis spiralis</i> Haeckel, 1887: 1166	[Quaternary]
N		1	1	S			<i>Cystophormis tabulata</i> Haeckel, 1887: 1166	[Quaternary]
E		1	1	S		T	<i>Cytocladus gracilis</i> Schröder, 1906a: 448	Holocene
E	nd	0	1	Sø			<i>Cytocladus gracilis</i> var. <i>trispithis</i> Haecker, 1908: 403	Living
E		1	1	S			<i>Cytocladus gracillimus</i> Haecker, 1906: 878	Living
E		1	1	S			<i>Cytocladus major</i> Schröder, 1906a: 448	Living
E		1	1	S			<i>Cytocladus spinosus</i> Schröder, 1906a: 587	Living
E		1	1	S			<i>Cytocladus spinosus</i> var. <i>indicus</i> Haecker, 1908: 404, 406	Living
E		1	1	S			<i>Cytocladus tricladius</i> Haecker, 1908: 406, 558	Living
N		1	1	S		T	<i>Daniplagia danica</i> Dumitrica, 2004: 208	Late Paleocene-Early Eocene
N		1	1	S			<i>Dendrocircus arborescens</i> Haeckel, 1887: 949	Living
N	nd	0	1	Sø			<i>Dendrocircus barbadensis</i> Haeckel, 1887: 950	[Eocene]
N		1	1	S			<i>Dendrocircus dodecancistra</i> Haeckel, 1887: 949	[Quaternary]
N	nd	0	1	Sø			<i>Dendrocircus dodecarrhiza</i> Haeckel, 1887: 949	Living
N		1	1	S			<i>Dendrocircus elegans</i> Haeckel, 1887: 949	[Quaternary]
N	nd	0	1	Sø		Td	<i>Dendrocircus quadrangulus</i> Haeckel, 1887: 948	[Quaternary]
N		1	1	S			<i>Dendrocircus stalactites</i> Haeckel, 1887: 950	[Quaternary]
N		1	1	S			<i>Dendrosipyris acuta</i> Goll, 1968: 1419	Early Eocene
N		1	1	S			<i>Dendrosipyris arborescens</i> Haeckel, 1887: 1040	[Quaternary]
N		1	1	S			<i>Dendrosipyris binapertonis</i> Goll, 1968: 1420	Middle Pliocene-Late Pliocene
N		1	1	S			<i>Dendrosipyris bursa</i> Sanfilippo & Riedel in Sanfilippo <i>et al.</i> , 1973: 217	Early Miocene
N		1	1	S			<i>Dendrosipyris eurus</i> Kamikuri, 2010: 100	Middle Miocene
N		1	1	S			<i>Dendrosipyris fragoides</i> Sanfilippo & Riedel, 1973: 526	Late Paleocene-Early Eocene
N	nd	0	1	Sø			<i>Dendrosipyris furcata</i> Haeckel, 1887: 1039	[Quaternary]
N		1	1	S			<i>Dendrosipyris futaba</i> Kamikuri, 2010: 100	e. Middle Miocene-Late Miocene
N		1	1	S			<i>Dendrosipyris gollii</i> Nishimura, 1992: 330	Middle Paleocene
N		1	1	S			<i>Dendrosipyris haysi</i> Chen, 1974: 482	e. Early Miocene-I. Middle Miocene
N		1	1	S			<i>Dendrosipyris inferispina</i> Goll, 1968: 1421	Early Eocene-Late Oligocene
N		1	1	S			<i>Dendrosipyris? jobstae</i> Renaudie & Lazarus, 2012: 50	Early Pliocene
N		1	1	S			<i>Dendrosipyris megalcephalis</i> Chen, 1974: 484	I. Middle Miocene-Late Miocene
N		1	1	S			<i>Dendrosipyris pannosa</i> Goll, 1968: 1421	Early Oligocene-Early Miocene
N		1	1	S			<i>Dendrosipyris polyrrhiza</i> Haeckel, 1887: 1039	[Quaternary]
N		1	1	S			<i>Dendrosipyris quadripes</i> Renaudie & Lazarus, 2016: 46	Late Oligocene-Early Miocene
N	nd	0	1	Sø			<i>Dendrosipyris ramosa</i> Haeckel, 1887: 1040	[Quaternary]
N		1	1	S			<i>Dendrosipyris sachalinensis</i> Vitukhin, 1993: 86	e. Middle Miocene
N		1	1	S			<i>Dendrosipyris? sakaii</i> Sugiyama & Furutani, 1992: 204	e. Middle Miocene
N		1	1	S			<i>Dendrosipyris stabilis</i> Goll, 1968: 1422	Middle Miocene-Holocene
N		1	1	S			<i>Dendrosipyris? suganoi</i> Sugiyama & Furutani, 1992: 204	e. Middle Miocene
N		1	1	S			<i>Dendrosipyris turriturcica dasyotus</i> Sanfilippo & Riedel, 1973: 527	e. Middle Eocene
N		1	1	S			<i>Dendrosipyris turriturcica turriturcica</i> Sanfilippo & Riedel, 1973: 527	e. Middle Eocene



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Dendrospyris uruyaensis</i> Kamikuri, 2010: 100	I. Middle Miocene-e. Late Miocene
S	nn	0	0	Sø		Tn	<i>Dermatosphaera laevigata</i> Ehrenberg, 1861b: 830	Holocene
S		1	1	S		Ts	<i>Desmartus larvalis</i> Haeckel, 1887: 398	[Quaternary]
S	nd	0	1	Sø			<i>Desmartus tubulatus</i> Haeckel, 1887: 399	[Quaternary]
S	nd	0	1	Sø			<i>Desmocampe aphrodite</i> Haeckel, 1887: 397	[Quaternary]
S	nd	0	1	Sø			<i>Desmocampe atractus</i> Haeckel, 1887: 398	[Quaternary]
S	nd	0	1	Sø		Td	<i>Desmocampe catenula</i> Haeckel, 1887: 397	Living
S	nd	0	1	Sø			<i>Desmocampe taenioides</i> Haeckel, 1887: 397	[Early Miocene]
N		1	1	S			<i>Desmospyris biceps stabiloides</i> Petrushevskaya in Caulet, 1979: 136	Middle Pleistocene-Holocene
N	nd	0	1	Sø			<i>Desmospyris carpocanium</i> Haeckel, 1887: 1090	[Quaternary]
N	nd	0	1	Sø			<i>Desmospyris cyrtocolpos</i> Haeckel, 1887: 1090	[Quaternary]
N		1	1	S			<i>Desmospyris? haysi</i> Petrushevskaya, 1975: 593	I. Late Miocene-Holocene
N		1	1	S		T	<i>Desmospyris mammillata</i> Haeckel, 1887: 1089	[Quaternary]
N		1	1	S			<i>Desmospyris rhodospyroides</i> Petrushevskaya, 1975: 593	Late Miocene
N		1	1	S			<i>Desmospyris spongiosa</i> Hays, 1965: 173	Pliocene-e. Early Pleistocene
N	nn	1	0	S			<i>Desmospyris stabiloides</i> Petrushevskaya, 1972a	Holocene
N	nn	0	0	Sp	pre		<i>Diauletes nicobaricus</i> Ehrenberg, 1854d: 176	
N	nd	0	1	Su			<i>Diauletes nicobaricus</i> Ehrenberg, 1873a: 306	e. Middle Miocene
N	nd	1	0	Sf	syn	Td	<i>Diauletes nicobarium</i> Suzuki et al., 2009a	e. Middle Miocene
S		1	1	S		Ts	<i>Dicoccura brevibrachia</i> Carter, 1896e: 163	[Late Eocene]
N	nd	1	1	S			<i>Dicolocapsa acuta</i> Vinassa de Regny, 1900: 582	I. Early Miocene
N		1	1	S			<i>Dicolocapsa elongata</i> Vinassa de Regny, 1900: 582	I. Early Miocene
N	nd	0	1	Sø			<i>Dicolocapsa megacephala</i> Haeckel, 1887: 1312	[Quaternary]
N		1	1	S		T	<i>Dicolocapsa microcephala</i> Haeckel, 1887: 1312	[Quaternary]
N	nd	0	1	Sø			<i>Dicolocapsa platycephala</i> Haeckel, 1887: 1312	[Eocene]
N		1	1	S		Ts	<i>Dicorys architypus</i> Popofsky, 1913: 369	Living
S	nd	0	1	Sø			<i>Dicranastrum antilope</i> Haeckel, 1887: 551	Living
S		1	1	S		Ts	<i>Dicranastrum bifurcatum</i> Haeckel, 1887: 552	Living
S		1	1	S			<i>Dicranastrum cornutum</i> Haeckel, 1887: 551	[Quaternary]
S	nd	0	1	Sø			<i>Dicranastrum dichotomum</i> Haeckel, 1887: 550	Living
S		1	1	S		Ts	<i>Dicranastrum furcatum</i> Haeckel, 1887: 550	Living
S	nd	0	1	Sø			<i>Dicranastrum tricuspis</i> Haeckel, 1887: 551	Living
S	nd	0	1	Sø			<i>Dicranastrum trifarium</i> Haeckel, 1887: 552	Living
N		1	1	S			<i>Dicryospyrella asymmetria</i> Kozlova, 1999: 163	Early Eocene
S	nd	0	1	Sø			<i>Dictyastrum aculeatum</i> Haeckel, 1887: 526	[Quaternary]
S	nn	0	0	Sp	pre		<i>Dictyastrum angulatum</i> Ehrenberg, 1861a: 767	
S		0	1	Su			<i>Dictyastrum angulatum</i> Ehrenberg, 1873a: 306	Holocene
S		1	0	Sf	syn	Ts	<i>Dictyastrum angulatum</i> Ehrenberg, 1873b: 288-289	Holocene
S		1	1	S			<i>Dictyastrum hexagonum</i> Haeckel, 1887: 525	Living
S	nn	0	0	Sp	pre		<i>Dictyastrum triactis</i> Ehrenberg, 1861a: 767	
S		0	1	Su			<i>Dictyastrum triactis</i> Ehrenberg, 1873a: 306	Holocene
S		1	0	Sf	syn		<i>Dictyastrum triactis</i> Suzuki et al., 2009a	Holocene
S	nd	0	1	Sø			<i>Dictyastrum trirhopalum</i> Haeckel, 1887: 525	Living
S		1	1	S		Ts	<i>Dictyastrum trispinosum</i> Haeckel, 1887: 525	Living
N		1	1	S			<i>Dictyocephalus (Dictyocryphalus?) equiceps</i> Campbell & Clark, 1944: 46	e. Late Miocene
N		1	1	S			<i>Dictyocephalus (Dictyocryphalus) irregularis</i> Clark & Campbell, 1945: 43	e. Middle Eocene
N		1	1	S			<i>Dictyocephalus (Dictyoprora) callimorphos</i> Clark & Campbell, 1945: 42	e. Middle Eocene
N		1	1	S			<i>Dictyocephalus (Dictyoprora) eos</i> Clark & Campbell, 1945: 42	e. Middle Eocene
N		1	1	S			<i>Dictyocephalus (Dictyoprora) lipogaster</i> Clark & Campbell, 1945: 42	e. Middle Eocene
N		1	1	S			<i>Dictyocephalus (Dictyoprora) longicollis</i> Clark & Campbell, 1942: 77	e. Middle Eocene
N		1	1	S			<i>Dictyocephalus (Dictyoprora) miralestensis</i> Campbell & Clark, 1944: 45	e. Late Miocene
N		1	1	S			<i>Dictyocephalus (Dictyoprora) obesus</i> Clark & Campbell, 1942: 77	e. Middle Eocene
N		1	1	S			<i>Dictyocephalus (Dictyoprora) pulcherrimus</i> Clark & Campbell, 1942: 78	e. Middle Eocene
N		1	1	S			<i>Dictyocephalus (Dictyoprora) pulcherrimus curtus</i> Clark & Campbell, 1942: 79	e. Middle Eocene
N		1	1	S			<i>Dictyocephalus (Dictyoprora) pulcherrimus pulcherrimus</i> Clark & Campbell, 1942: 78	e. Middle Eocene
N		1	1	S			<i>Dictyocephalus (Dictyoprora) santaemonicae</i> Campbell & Clark, 1944: 45	e. Late Miocene
N	nn	0	0	Sp	pre		<i>Dictyocephalus aculeatus</i> Ehrenberg, 1861b: 823	
N	nd	0	1	Sø			<i>Dictyocephalus aculeatus</i> Ehrenberg, 1873a: 307	Holocene
N		1	1	S		T Ts	<i>Dictyocephalus amphora</i> Haeckel, 1887: 1305	[Quaternary]
N	nd	0	1	Sø			<i>Dictyocephalus ampulla</i> Haeckel, 1887: 1308	[Quaternary]
N		1	1	S			<i>Dictyocephalus australis</i> Haeckel, 1887: 1306	Living
N		1	1	S			<i>Dictyocephalus bergontianus</i> Carnevale, 1908: 32, 46	e. Middle Miocene
N	nn	0	0	Sp	pre		<i>Dictyocephalus capito</i> Ehrenberg, 1861a: 767	
N		0	1	Su			<i>Dictyocephalus capito</i> Ehrenberg, 1873a: 307	Holocene
N		1	0	Sf	syn		<i>Dictyocephalus capito</i> Ehrenberg, 1873b: 288-289	Holocene
N	nd	0	1	Sø			<i>Dictyocephalus cavea</i> Haeckel, 1887: 1309	[Quaternary]
N		1	1	S			<i>Dictyocephalus crassus</i> Carnevale, 1908: 32, 46	e. Middle Miocene
N		1	1	S			<i>Dictyocephalus cylindricus</i> Cleve, 1900b: 7	Living
N	nn	0	0	Sp	pre		<i>Dictyocephalus galeatus</i> Ehrenberg, 1861a: 767	
N		0	1	Su			<i>Dictyocephalus galeatus</i> Ehrenberg, 1873a: 307	Holocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	0	Sf	syn	Ts	<i>Dictyocephalus galeatus</i> Ehrenberg, 1873b: 288-289	Holocene
N	nd	1	1	S			<i>Dictyocephalus globiceps</i> Haeckel, 1887: 1308	[Quaternary]
N	nn	0	0	Sø			<i>Dictyocephalus gracilis</i> Ehrenberg, 1861b: 823	Holocene?
N	nd	1	1	S			<i>Dictyocephalus hirtus</i> Vinassa de Regny, 1900: 582	I. Early Miocene
N	nn	0	0	Sp	pre		<i>Dictyocephalus hispidus</i> Ehrenberg, 1862a: table	
N		0	1	Su			<i>Dictyocephalus hispidus</i> Ehrenberg, 1862b: 298	Holocene
N		1	0	Sf	syn		<i>Dictyocephalus hispidus</i> Ehrenberg, 1873b: 288-289	Holocene
N	nn	0	0	Sø			<i>Dictyocephalus laxum</i> Ehrenberg, 1861b: 823	Holocene?
N		1	1	S			<i>Dictyocephalus mediterraneus</i> Haeckel, 1887: 1307	Living
N		1	1	S			<i>Dictyocephalus middouri</i> Nishimura, 1992: 336	Middle Paleocene-Late Paleocene
N		1	1	S			<i>Dictyocephalus obtusus</i> Bütschli, 1882b: 535	[Eocene]
N	nn	0	0	Sp	pre		<i>Dictyocephalus pyrum</i> Ehrenberg, 1861b: 823	
N	nd	0	1	Su			<i>Dictyocephalus pyrum</i> Ehrenberg, 1862b: 298	Holocene
N	nd	1	0	Sf	syn		<i>Dictyocephalus pyrum</i> Suzuki <i>et al.</i> , 2009a	Holocene
N		1	1	S			<i>Dictyocephalus ruesti</i> Dreyer, 1890: 47	e. Middle Miocene
N	nd	0	1	Sø			<i>Dictyocephalus tabulatus</i> Haeckel, 1887: 1307	[Quaternary]
N	nd	1	1	S			<i>Dictyocephalus urceolus</i> Haeckel, 1887: 1305	[Early Miocene]
N	nd	1	1	S			<i>Dictyocephalus vanus</i> Kozlova in Kozlova & Gorbovetz, 1966: 104	Late Eocene
N		0	1	Su			<i>Dictyoceras acanthicum</i> Jørgensen, 1900: 84	Living
N		1	0	Sf	syn		<i>Dictyoceras acanthicum</i> Jørgensen, 1905: 140	Living
N		1	1	S			<i>Dictyoceras bombus</i> Haeckel, 1887: 1325	[Quaternary]
N		1	1	S			<i>Dictyoceras caia</i> Foreman, 1973: 435	Late Paleocene
N		1	1	S			<i>Dictyoceras formica</i> Haeckel, 1887: 1325	Living
N		1	1	S			<i>Dictyoceras insectum</i> Haeckel, 1887: 1324	[Quaternary]
N		1	1	S			<i>Dictyoceras melitta</i> Haeckel, 1887: 1325	[Quaternary]
N		1	1	S			<i>Dictyoceras neglectum</i> Cleve, 1900b: 7	Living
N		1	1	S			<i>Dictyoceras prismaticum</i> Tan & Tchang, 1976: 285	Living
N		1	1	S			<i>Dictyoceras xiphophorum</i> Jørgensen, 1900: 84	Living
N	nd	1	1	S		Td	<i>Dictyocircus clathratus</i> Jørgensen, 1905: 130	Living
N		1	1	S		T	<i>Dictyocodon annasethe</i> Haeckel, 1887: 1334	Living
N		1	1	S			<i>Dictyocodon carolotae</i> Haeckel, 1887: 1335	Living
N		1	1	S		T	<i>Dictyocodon palladius</i> Haeckel, 1887: 1335	Living
N		1	1	S			<i>Dictyocodon phasmatodes</i> Su, 1982: 284	Living
N	nd	0	1	Sø			<i>Dictyocodon prometheus</i> Haeckel, 1887: 1336	Living
S		1	1	S			<i>Dictyocoryne agrigentina</i> Stöhr, 1880: 118	[e. Late Miocene]
S	nn	0	0	Sø			<i>Dictyocoryne capitata</i> Ehrenberg, 1861a: 767	Holocene
S	nn	0	0	Sø			<i>Dictyocoryne dilatata</i> Ehrenberg, 1861a: 767	Holocene
S	nd	0	1	Sø			<i>Dictyocoryne echinata</i> Haeckel, 1887: 594	Living
S	nd	0	1	Sø			<i>Dictyocoryne euchitonia</i> Haeckel, 1862: 468	Living
S		1	1	S			<i>Dictyocoryne inflata</i> Chen <i>et al.</i> , 2017: 275	Middle Pleistocene
S		1	1	S			<i>Dictyocoryne jouseae</i> Kruglikova, 1978: 88	e. Late Miocene
S		1	1	S			<i>Dictyocoryne ontongensis</i> Riedel & Sanfilippo, 1971: 1588	e. Late Miocene
S		1	1	S			<i>Dictyocoryne ovata</i> Dreyer, 1890: 26	e. Middle Miocene
S		1	1	S			<i>Dictyocoryne pentagona</i> Stöhr, 1880: 118	[e. Late Miocene]
S	nn	0	0	Sp	pre		<i>Dictyocoryne profunda</i> Ehrenberg, 1861a: 767	
S		0	1	Su			<i>Dictyocoryne profunda</i> Ehrenberg, 1873a: 307	Holocene
S		1	0	Sf	syn	T	<i>Dictyocoryne profunda</i> Ehrenberg, 1873b: 288-289	Holocene
S		1	1	S			<i>Dictyocoryne strelkovi</i> Kruglikova, 1978: 87	e. Late Miocene
S	nd	0	1	Sø			<i>Dictyocoryne tetradius</i> Haeckel, 1887: 592	[Quaternary]
S		1	1	S			<i>Dictyocoryne triangularis</i> Barwicz-Piskorz, 1978: 240	e. Middle Miocene
S		1	1	S			<i>Dictyocoryne triangulum</i> Dreyer, 1890: 27	e. Middle Miocene
S	nn	0	0	Sø			<i>Dictyocoryne tribulus</i> Ehrenberg, 1861a: 767	Holocene
S		1	1	S			<i>Dictyocoryne tricupiformis</i> Chen & Tan, 1989: 6	Holocene
S	nd	0	1	Sø			<i>Dictyocoryne trigona</i> Haeckel, 1887: 593	Living
S		1	1	S			<i>Dictyocoryne trimaculatum</i> Tan & Tchang, 1976: 307	Living
N		1	1	S			<i>Dictyomitra (Dictyomitrella) ferminensis</i> Campbell & Clark, 1944: 51	e. Late Miocene
N		1	1	S			<i>Dictyomitra (Dictyomitroma) montereyana</i> Campbell & Clark, 1944: 52	e. Late Miocene
N		1	1	S			<i>Dictyomitra amygdala</i> Shilov, 1995b: 126	Middle Eocene
N		1	1	S			<i>Dictyomitra caltanissettae</i> Dreyer, 1890: 48	e. Middle Miocene
N	nn	1	0	S			<i>Dictyomitra? capitata</i> Gorbunov, 1979	Late Eocene
N	nd	1	1	S			<i>Dictyomitra cingulata</i> Lucchese, 1927: 106	e. Middle Miocene
N	nd	0	1	Sø			<i>Dictyomitra conica</i> Haeckel, 1887: 1477	[Quaternary]
N		1	1	S			<i>Dictyomitra costata</i> Stöhr, 1880: 101	[e. Late Miocene]
N	nd hom	0	1	Sø			<i>Dictyomitra costata</i> Haeckel, 1887: 1478	[Quaternary]
N	nd	1	1	S			<i>Dictyomitra drygalskii</i> Popofsky, 1908: 293	Living
N	nd	1	1	S			<i>Dictyomitra eurythorax</i> Haeckel, 1887: 1477	[Quaternary]
N	nd	1	1	S			<i>Dictyomitra fucini</i> Vinassa de Regny, 1900: 585	I. Early Miocene
N	nd	1	1	S			<i>Dictyomitra inexpleta</i> Vinassa de Regny, 1900: 585	I. Early Miocene
N		1	1	S			<i>Dictyomitra meridionalis</i> Popofsky, 1908: 293	Living
N	nd hom	1	1	S			<i>Dictyomitra multicostata</i> Lucchese, 1927: 107	e. Middle Miocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	1	1	S			<i>Dictyomitra mutinensis</i> Vinassa de Regny, 1900: 585	I. Early Miocene
N	nd	0	1	Sø			<i>Dictyomitra punctatella</i> Seguenza, 1880: 232	Early Pliocene
N		1	1	S			<i>Dictyomitra ventricosa</i> Stöhr, 1880: 102	[e. Late Miocene]
N		1	1	S			<i>Dictyophimium distanovi</i> Kozlova, 1983: 95	Early Paleocene
N		1	1	S			<i>Dictyophimus (Dictyophimium) babylonis</i> Clark & Campbell, 1942: 67	e. Middle Eocene
N		1	1	S			<i>Dictyophimus (Dictyophimium) ceratium</i> Clark & Campbell, 1942: 67	e. Middle Eocene
N		1	1	S			<i>Dictyophimus (Dictyophimium) splendens</i> Clark & Campbell, 1942: 66	e. Middle Eocene
N	nd	0	1	Sø			<i>Dictyophimus aequoreus</i> Ehrenberg, 1873b: 145, 288, 289	Holocene
N		1	1	S			<i>Dictyophimus? archipilium</i> Petrushevskaya, 1975: 583	Middle Miocene-Late Miocene
N	nd	0	1	Sø			<i>Dictyophimus bicornis</i> Haeckel, 1887: 1200	[Quaternary]
N		1	1	S			<i>Dictyophimus brandti</i> Haeckel, 1887: 1198	Living
N		1	1	S			<i>Dictyophimus buetschli</i> Haeckel, 1887: 1201	Living
N		1	1	S			<i>Dictyophimus bullatus</i> Morley & Nigrini, 1995: 79	I. Late Miocene-Early Pliocene
N		1	1	S			<i>Dictyophimus? callosus</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 143	Late Oligocene
N		1	1	S		Ts	<i>Dictyophimus challengerii</i> Haeckel, 1878: 47	
N		1	1	S			<i>Dictyophimus cienkowski</i> Haeckel, 1887: 1200	Living
N	nn	0	0	Sø			<i>Dictyophimus clathrata</i> Ehrenberg, 1854a: table	
N		1	1	S			<i>Dictyophimus clevei</i> Jørgensen, 1900: 80	Living
N		1	1	S			<i>Dictyophimus? constrictus</i> Nishimura, 1992: 338	Middle Paleocene
N		1	1	S			<i>Dictyophimus cortina</i> Haeckel, 1887: 1197	[Quaternary]
N		0	1	Su			<i>Dictyophimus craticula</i> Ehrenberg, 1874b: 223	I. Middle Eocene
N		1	0	Sf	syn		<i>Dictyophimus craticula</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N	nd	0	1	Su			<i>Dictyophimus crisiae</i> Ehrenberg, 1854b: 241	Holocene
N	nd	1	0	Sf	syn	Td	<i>Dictyophimus crisiae</i> Suzuki <i>et al.</i> , 2009a	Holocene
N		1	1	S			<i>Dictyophimus elegans</i> Dogiel in Dogiel & Reshetnyak, 1952: 14	Living
N	nn	1	0	S			<i>Dictyophimus gibber</i> Kozlova, 1983	Early Paleocene
N		1	1	S		T	<i>Dictyophimus gracilipes</i> Bailey, 1856: 4	[Quaternary]
N		1	1	S			<i>Dictyophimus hertwigi</i> Haeckel, 1887: 1201	Living
N		1	1	S			<i>Dictyophimus histicosus</i> Jørgensen, 1905: 127, 138	Living
N		1	1	S			<i>Dictyophimus infabricatus</i> Nigrini, 1968: 56	Holocene-Living
N		1	1	S			<i>Dictyophimus? kiwi</i> Renaudie & Lazarus, 2012: 45	Early Miocene-Middle Miocene
N		1	1	S			<i>Dictyophimus larus</i> Renaudie & Lazarus, 2012: 44	Early Miocene-Middle Miocene
N		1	1	S			<i>Dictyophimus lasanum</i> Haeckel, 1887: 1197	[Quaternary]
N		1	1	S			<i>Dictyophimus longicollum</i> Kozlova, 1983: 96	Early Paleocene
N		1	1	S			<i>Dictyophimus longipes</i> Haeckel, 1887: 1197	[Quaternary]
N		1	1	S			<i>Dictyophimus mawsoni</i> Riedel, 1958: 234	Holocene
N		1	1	S			<i>Dictyophimus multispinus</i> Bernstein, 1934: 19	Living
N		1	1	S			<i>Dictyophimus? okadai</i> Nishimura, 1992: 338	Middle Paleocene
N		1	1	S			<i>Dictyophimus planctonis</i> Popofsky, 1908: 275	Living
N		1	1	S			<i>Dictyophimus platycephalus</i> Haeckel, 1887: 1198	Living
N		1	1	S			<i>Dictyophimus plectaniscus</i> Haeckel, 1887: 1196	[Quaternary]
N		0	1	Su			<i>Dictyophimus? pocillum</i> Ehrenberg, 1874b: 223	I. Middle Eocene
N		1	0	Sf	syn		<i>Dictyophimus? pocillum</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N		1	1	S			<i>Dictyophimus procerus</i> Chen & Tan, 1996: 260	Holocene
N		1	1	S			<i>Dictyophimus pyramis</i> Haeckel, 1887: 1196	[Quaternary]
N		1	1	S			<i>Dictyophimus robustus</i> Motoyama, 1996: 246	Late Pliocene
N		1	1	S			<i>Dictyophimus sphaerocephalus</i> Haeckel, 1887: 1195	[Quaternary]
N	nd	0	1	Sø			<i>Dictyophimus? tethyos</i> Ehrenberg, 1854b: 241	Holocene
N		1	1	S			<i>Dictyophimus tetracanthus</i> Popofsky, 1913: 333	Living
N		0	1	Su			<i>Dictyophimus tripus</i> Haeckel, 1861b: 837	Living
N		1	0	Sf	syn		<i>Dictyophimus tripus</i> Haeckel, 1862: 306, 541	Living
N		1	1	S		T	<i>Dictyophimus triserratus</i> Haeckel, 1887: 1200	[Quaternary]
N		0	1	Su			<i>Dictyopodium eurylophus</i> Ehrenberg, 1874b: 223	I. Middle Eocene
N		1	0	Sf	syn		<i>Dictyopodium eurylophos</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N		1	1	S			<i>Dictyopodium moseleyi</i> Haeckel, 1879: 706	
N		0	1	Su			<i>Dictyopodium oxylophus</i> Ehrenberg, 1874b: 223	I. Middle Eocene
N		1	0	Sf	syn		<i>Dictyopodium oxylophos</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N		1	1	S			<i>Dictyopodium scaphopodium</i> Haeckel, 1887: 1353	[Quaternary]
N		1	1	S			<i>Dictyopodium thyrsolophus</i> Haeckel, 1887: 1354	[Early Miocene]
N		0	1	Su			<i>Dictyopodium trilobum</i> Haeckel, 1861b: 839	Living
N		1	0	Sf	syn	T	<i>Dictyopodium trilobum</i> Haeckel, 1862: 543	Living
N		1	1	S			<i>Dictyoprora gibsoni</i> O'Connor, 1994: 338	Early Oligocene-Late Oligocene
N		1	1	S			<i>Dictyoprora physothorax</i> Caulet, 1991: 535	Early Oligocene
S	nd	0	1	Sø			<i>Dictyosoma angulare</i> Müller, 1856: 486	Living
E	nd	0	1	Su			<i>Dictyosoma spongiosum</i> Müller, 1856: 486	Living
E	nd	1	0	Sf	syn	Td Th	<i>Dictyosoma spongiosum</i> Müller, 1859b: 31	Living
E		0	1	Su			<i>Dictyosoma trigonizon</i> Haeckel, 1861b: 841	Living
E		1	0	Sf	syn	T Ti	<i>Spongodictyum trigonizon</i> Haeckel, 1862: 459	Living
N		1	1	S			<i>Dictyospyris anthophora</i> Haeckel, 1887: 1076	Living
N	nd	0	1	Sø			<i>Dictyospyris biloba</i> Haeckel, 1887: 1074	[Quaternary]



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Dictyospyris biporata</i> Vinassa de Regny, 1900: 587	I. Early Miocene
N	nn	0	0	Sø			<i>Dictyospyris ceratospyris</i> Ehrenberg, 1861b: 823	Holocene
N	nn	0	0	Sp	pre		<i>Dictyospyris clathrata</i> Ehrenberg, 1873b: 288-289	
N	nd	0	1	Su			<i>Dictyospyris clathrata</i> Ehrenberg, 1874b: 224	I. Middle Eocene
N	nd	1	0	Sf	syn		<i>Dictyospyris clathrata</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N	nd	1	0	S		Td	<i>Dictyospyris clathrus</i> Ehrenberg, 1854d	I. Middle Eocene
N	nd	0	1	Sd	syn		<i>Petalospyris (Stephanospyris) clathrus</i> Haeckel, 1862: 295	
N		1	1	S			<i>Dictyospyris discus</i> Sanfilippo & Riedel, 1973: 527	Late Paleocene-e. Middle Eocene
N		1	1	S			<i>Dictyospyris distoma</i> Haeckel, 1887: 1073	[Quaternary]
N	nd	0	1	Sø			<i>Dictyospyris enneastoma</i> Haeckel, 1887: 1077	[Quaternary]
N		0	1	Su			<i>Dictyospyris fenestra</i> Ehrenberg, 1874b: 224	I. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Dictyospyris fenestra</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N		0	1	Su			<i>Dictyospyris gigas</i> Ehrenberg, 1874b: 224	I. Middle Eocene
N		1	0	Sf	syn		<i>Dictyospyris gigas</i> Ehrenberg, 1876: 68-69	I. Middle Eocene
N	nd	0	1	Sø		Td	<i>Dictyospyris hexastoma</i> Haeckel, 1887: 1077	[Eocene]
N		1	1	S			<i>Dictyospyris mammillaris</i> Haeckel, 1887: 1076	[Quaternary]
N		1	1	S			<i>Dictyospyris melissium</i> Sanfilippo & Riedel, 1973: 527	Late Paleocene?-Early Eocene
N		1	1	S			<i>Dictyospyris meneghinii</i> Principi, 1909: 14	Middle Miocene
S		0	1	Su			<i>Dictyospyris messanensis</i> Müller, 1855b: 672	Living
S		1	0	Sf	syn		<i>Dictyospyris messanensis</i> Müller, 1859b: 46	Living
N	nd	0	1	Sø			<i>Dictyospyris polystoma</i> Haeckel, 1887: 1077	[Quaternary]
N	nd	0	1	Sø			<i>Dictyospyris quadriloba</i> Haeckel, 1887: 1076	[Quaternary]
N		0	1	Su			<i>Dictyospyris reticulata</i> Ehrenberg, 1873a: 307	Holocene
N		1	0	Sf	syn		<i>Dictyospyris reticulata</i> Ehrenberg, 1873b: 159, 288-289	Holocene
N		1	1	S		T	<i>Dictyospyris sphaera</i> Bütschli, 1882b: 510	[Eocene]
N	nd	0	1	Su			<i>Dictyospyris spinulosa</i> Ehrenberg, 1874b: 224	I. Middle Eocene
N	nd	1	0	Sf	syn		<i>Dictyospyris spinulosa</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		1	1	S		Ts	<i>Dictyospyris stalactites</i> Haeckel, 1887: 1073	[Quaternary]
N	nn	0	0	Sp	pre		<i>Dictyospyris tetrastoma</i> Ehrenberg, 1873b: 288-289	
N		0	1	Su			<i>Dictyospyris tetrastoma</i> Ehrenberg, 1874b: 224	I. Middle Eocene
N		1	0	Sf	syn		<i>Dictyospyris tetrastoma</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		0	1	Su			<i>Dictyospyris tridentata</i> Ehrenberg, 1874b: 224	I. Middle Eocene
N		1	0	Sf	syn		<i>Dictyospyris tridentata</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		1	0	Sf		T	<i>Dictyospyris triloba</i> Ehrenberg, 1854d	I. Middle Eocene
N		0	1	Sd	syn		<i>Dictyospyris triloba</i> Ehrenberg, 1874b: 224	I. Middle Eocene
N	nd	0	1	Sø			<i>Dictyospyris triomma</i> Haeckel, 1887: 1074	[Quaternary]
N	nn	0	0	Sp	pre		<i>Dictyospyris tristoma</i> Ehrenberg, 1847: 48	
N		0	1	Su			<i>Dictyospyris tristoma</i> Ehrenberg, 1874b: 224	I. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Dictyospyris tristoma</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N	nd	1	1	S			<i>Dictyospyris uniporata</i> Vinassa de Regny, 1900: 578	I. Early Miocene
S	nd	0	1	Sø		Td	<i>Diplactura diplobrachia</i> Haeckel, 1887: 469	[Quaternary]
S		1	1	S		Ts	<i>Diplactura diploconus</i> Haeckel, 1887: 470	[Early Miocene]
S	nd	1	1	S		Td	<i>Diplellipsis lapidosa</i> Popofsky, 1908: 221	Living
N	nd	0	1	Sø			<i>Diplocyclas bicincta</i> Haeckel, 1887: 1393	[Quaternary]
N		1	1	S		Ts	<i>Diplocyclas bicorona</i> Haeckel, 1887: 1392	[Quaternary]
N	nd	0	1	Sø			<i>Diplocyclas bizonalis</i> Haeckel, 1887: 1393	[Quaternary]
N		1	1	S			<i>Diplocyclas pseudobicolorona pseudobicolorona</i> Nishimura, 1992: 340	Middle Paleocene-Early Eocene
N		1	1	S			<i>Diplocyclas pseudobicolorona teres</i> Nishimura, 1992: 340	Middle Paleocene-Early Eocene
S	nd	1	1	S			<i>Diploplegma bacciforma</i> Chediya <i>et al.</i> , 1971: 56	Paleocene
E		1	1	S			<i>Diploplegma banzare</i> Riedel, 1958: 223	Holocene
S	nd	1	1	S			<i>Diploplegma somphum</i> Sanfilippo & Riedel, 1973: 491	Paleocene
S		1	1	S			<i>Diplosphaera cachoni</i> Hollande & Enjument, 1960: 117	Living
S	nd	0	1	Sø			<i>Diplosphaera denticulata</i> Haeckel, 1887: 247	Living
S	nd	0	1	Sø			<i>Diplosphaera dictyota</i> Haeckel, 1887: 247	Living
S		0	1	Su			<i>Diplosphaera gracilis</i> Haeckel, 1861a: 804	Living
S		1	0	Sf	syn	T	<i>Diplosphaera gracilis</i> Haeckel, 1862: 354, 544	Living
S	nd hom	0	1	Sø			<i>Diplosphaera gracilis</i> Mast, 1910: 173	Living
S		1	1	S			<i>Diplosphaera gracilis</i> var. Rezzo, 1922: 6	Living
S		1	1	S		Ts	<i>Diplosphaera hexagonalis</i> Haeckel, 1887: 246	Living
S	nd	0	1	Sø			<i>Diplosphaera ornata</i> Haeckel, 1887: 246	Living
S	nd	0	1	Sø			<i>Diplosphaera polygonalis</i> Haeckel, 1887: 247	Living
S		1	1	S			<i>Diplosphaera ramosissima</i> Hollande & Enjument, 1960: 116	Living
S	nd	0	1	Sø			<i>Diplosphaera reticulata</i> Haeckel, 1887: 248	Living
S		1	1	S		Ts	<i>Diplosphaera spinosa</i> Hertwig, 1879: 168,169,172,177	Living
S	nd	0	1	Sø			<i>Diplosphaera triglochis</i> Haeckel, 1887: 248	Living
S	nd	0	1	Sø			<i>Diplospogon arachne</i> Mast, 1910: 183	Living
S		1	1	S		T	<i>Diplospogon dendrophorus</i> Mast, 1910: 183	Living
N	nd	0	1	Sø		Td Ti	<i>Dipospyris bipes</i> Haeckel, 1887: 1036	[Eocene]
N		1	1	S			<i>Dipospyris chelifera</i> Haeckel, 1887: 1037	[Early Miocene]
N		1	1	S			<i>Dipospyris cubus</i> Haeckel, 1887: 1036	[Quaternary]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Dipospyris forcipata</i> Haeckel, 1887: 1037	[Quaternary]
N		1	1	S			<i>Dipospyris irregularis</i> Haeckel, 1887: 1037	[Quaternary]
N	nd	0	1	Sø			<i>Dipospyris sigmopodium</i> Haeckel, 1887: 1037	[Quaternary]
S		1	1	S		T	<i>Dipylissa bensoni</i> Dumitrica, 1988: 190	I. Late Miocene-Holocene
N	nn	0	0	Sø			<i>Discocephalus aculeatus</i> Ehrenberg, 1861b: 823	Holocene
N	nn	0	0	Sø			<i>Discocephalus gracilis</i> Ehrenberg, 1861b: 823	Holocene?
N	nn	0	0	Sø			<i>Discocephalus laxus</i> Ehrenberg, 1861b: 823	Holocene
N	nn	0	0	Sø			<i>Discocephalus pyrum</i> Ehrenberg, 1861b: 823	Holocene
S	nd	1	1	S			<i>Discopyle? ellipsopsis</i> Clark & Campbell, 1945: 25	e. Middle Eocene
S		1	1	S			<i>Discopyle elliptica</i> Haeckel, 1887: 573	[Quaternary]
S	nd	1	1	S			<i>Discopyle laevigata</i> Lucchese, 1927: 101	e. Middle Miocene
S		1	1	S		Ts	<i>Discopyle osculata</i> Haeckel, 1887: 573	[Quaternary]
S		1	1	S			<i>Discospira accrescens</i> Stöhr, 1880: 114	[e. Late Miocene]
S		1	1	S			<i>Discospira bilix</i> Stöhr, 1880: 113	[e. Late Miocene]
S	nd	1	1	S			<i>Discospira deformis</i> Stöhr, 1880: 114	[e. Late Miocene]
S	nn	0	0	Sø			<i>Discospira densispiralis</i> Stöhr, 1878: 517	[e. Late Miocene]
S	nd	1	1	S			<i>Discospira duplex</i> Stöhr, 1880: 114	[e. Late Miocene]
S		1	1	S			<i>Discospira operculina</i> Haeckel, 1862: 514, 558	Living
S	nd	0	1	Sø			<i>Discozonium cyclonium</i> Haeckel, 1887: 571	[Quaternary]
S		1	1	S		Ts	<i>Discozonium hexagonium</i> Haeckel, 1887: 572	[Quaternary]
S	nd	0	1	Sø			<i>Discozonium trigonium</i> Haeckel, 1887: 572	[Quaternary]
C	nn	0	0	Sø			<i>Disolenia follis</i> Ehrenberg, 1861a: 767	Holocene
E	nd	1	1	S		Td	<i>Dispongia velata</i> Popofsky, 1912: 113	Living
S	nd	0	1	Sø			<i>Distriactis alterna</i> Haeckel, 1887: 437	Living
S	nd	0	1	Sø			<i>Distriactis amphithecta</i> Haeckel, 1887: 437	Living
S	nd	0	1	Sø			<i>Distriactis corallantha</i> Haeckel, 1887: 437	Living
S	nd	1	0	Sf			<i>Distriactis? hexagona</i> Lipman, 1953	Late Eocene
S	nd	0	1	Sd	syn		<i>Heterosestrum hexagonum</i> Kozlova, 1999: 90	Middle Eocene
S	nd	0	1	Sø		Td	<i>Distriactis lirantha</i> Haeckel, 1887: 436	[Quaternary]
S	nd	0	1	Sø			<i>Distriactis palmantha</i> Haeckel, 1887: 437	Living
S	nd	0	1	Sø			<i>Dizonium amphacanthum</i> Haeckel, 1887: 636	[Quaternary]
S	nd	0	1	Sø		Td	<i>Dizonium circulare</i> Haeckel, 1887: 635	Living
S	nd	0	1	Sø			<i>Dizonium ellipticum</i> Haeckel, 1887: 635	Living
S	nd	0	1	Sø			<i>Dizonium octacanthum</i> Haeckel, 1887: 636	Living
S		1	1	S		Ts	<i>Dizonium pleuracanthum</i> Haeckel, 1887: 636	[Quaternary]
S		1	1	S			<i>Dizonium stauracanthum</i> Haeckel, 1887: 636	[Quaternary]
S	nd	0	1	Sø			<i>Dizonium transversum</i> Haeckel, 1887: 635	[Quaternary]
N		1	1	S			<i>Dorcadospyris anastasis</i> Sanfilippo in Nigrini et al., 2006: 33	I. Middle Eocene
N		1	1	S			<i>Dorcadospyris antilope</i> Haeckel, 1887: 1041	[Quaternary]
N		1	1	S			<i>Dorcadospyris copelata</i> Sanfilippo in Nigrini et al., 2006: 34	I. Middle Eocene-Early Oligocene
N		1	1	S			<i>Dorcadospyris costatenscens</i> Goll, 1969: 337	Early Oligocene-Late Oligocene
N		1	1	S			<i>Dorcadospyris cyclacantha</i> Moore & Nigrini in Nigrini et al., 2006: 35	Late Oligocene
N		1	1	S			<i>Dorcadospyris decussata</i> Haeckel, 1887: 1041	[Quaternary]
N		1	1	S		T	<i>Dorcadospyris dentata</i> Haeckel, 1887: 1040	[Quaternary]
N		1	1	S			<i>Dorcadospyris dinoceras</i> Haeckel, 1887: 1041	[Early Miocene]
N		1	1	S			<i>Dorcadospyris kennetti</i> Renaudie & Lazarus, 2015: 205	Late Oligocene-I. Late Miocene
N	nd	0	1	Sø			<i>Dorcadospyris lunulata</i> Haeckel, 1887: 1041	[Quaternary]
N	nd	1	1	S			<i>Dorcadospyris magnipora</i> Principi, 1909: 13	Middle Miocene
N		1	1	S			<i>Dorcadospyris mahurangi</i> O'Connor, 1994: 338	Early Oligocene-Late Oligocene
N		1	1	S			<i>Dorcadospyris ombros</i> Sanfilippo in Nigrini et al., 2006: 36	I. Middle Eocene-Late Eocene
N		1	1	S			<i>Dorcadospyris praeforcipata</i> Moore, 1971: 738	Late Oligocene-Early Miocene
N		1	1	S			<i>Dorcadospyris pseudopapilio</i> Moore, 1971: 738	Early Oligocene
N		1	1	S			<i>Dorcadospyris quadripes</i> Moore, 1971: 738	Early Oligocene-Late Oligocene
N		1	1	S			<i>Dorcadospyris riedeli</i> Moore, 1971: 739	Late Oligocene
N		1	1	S			<i>Dorcadospyris scambos</i> Moore & Nigrini in Nigrini et al., 2006: 38	Late Oligocene-Early Miocene?
N		1	1	S			<i>Dorcadospyris spinosa</i> Moore, 1971: 739	Early Oligocene
S	nd	1	1	S			<i>Doryconthidium aculeatum</i> Carnevale, 1908: 11, 40	e. Middle Miocene
S	nd	1	1	S			<i>Doryconthidium isoacanthos</i> Carnevale, 1908: 12, 40	e. Middle Miocene
E		1	1	S			<i>Doryconthidium longistylus</i> Principi, 1909: 5	Middle Miocene
E		1	1	S			<i>Doryconthidium maximum</i> Carnevale, 1908: 11, 42	e. Middle Miocene
E		1	1	S			<i>Doryconthidium parvistylus</i> Principi, 1909: 5	Middle Miocene
E		1	1	S			<i>Doryconthidium polistylus</i> Carnevale, 1908: 12, 42	e. Middle Miocene
E		1	1	S			<i>Doryconthidium vinassianum</i> Carnevale, 1908: 12, 40	e. Middle Miocene
E	nd	1	1	S		Td	<i>Dorydiscus bergontianus</i> Carnevale, 1908: 21	e. Middle Miocene
S	nd	1	1	S			<i>Dorydruppa bassanii</i> Principi, 1909: 11	Middle Miocene
S		1	1	S			<i>Dorydruppa bensoni</i> Takahashi, 1991: 78	Living
S	nd	1	1	S			<i>Dorydruppa dainellii</i> Principi, 1909: 11	Middle Miocene
E	nd	1	1	S		Td	<i>Dorydruppa simonellii</i> Vinassa de Regny, 1900: 574	I. Early Miocene
S	nd	1	1	S			<i>Dorylonchidium (Dorylonchella) exlineae</i> Middour in Frizzell & Middour, 1951: 12	Late Paleocene
E		1	1	S			<i>Dorylonchidium (Dorylonchella) milleri</i> Middour in Frizzell & Middour, 1951: 12	Late Paleocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
E		1	1	S		T	<i>Dorylonchidium (Dorylonchella) monoxyphos</i> Clark & Campbell, 1942: 22	e. Middle Eocene
E		1	1	S			<i>Dorylonchidium (Dorylonchella) monoxyphos brachioxyphos</i> Clark & Campbell, 1942: 23	e. Middle Eocene
E		1	1	S			<i>Dorylonchidium (Dorylonchella) monoxyphos monoxyphos</i> Clark & Campbell, 1942: 23	e. Middle Eocene
S	nd	1	1	S			<i>Dorylonchidium (Dorylonchidium) magnaporulosum</i> Nakaseko, 1955: 77	l. Early Miocene
E	nd	1	1	S		Td	<i>Dorylonchidium (Dorylonchomma) fructiforme</i> Clark & Campbell, 1942: 23	e. Middle Eocene
S	nd	1	1	S			<i>Dorylonchidium (Dorylonchomma) grande</i> Clark & Campbell, 1945: 10	e. Middle Eocene
S	nd	1	1	S			<i>Dorylonchidium fucinii</i> Principi, 1909: 6	Middle Miocene
E		1	1	S			<i>Dorylonchidium hexactis</i> Vinassa de Regny, 1900: 568	l. Early Miocene
S	nd	1	1	S			<i>Dorylonchidium pantanellii</i> Carnevale, 1908: 11, 40	e. Middle Miocene
S	nd	1	1	S			<i>Dorylonchidium pretiosum</i> Krasheninnikov, 1960: 275	Early Eocene
S	nd	1	1	S			<i>Dorylonchidium ruesti</i> Carnevale, 1908: 11, 40	e. Middle Miocene
S	nd	1	1	S			<i>Dorylonchidium spinosum</i> Principi, 1909: 6	Middle Miocene
E	nd	1	1	S			<i>Dorylonchidium? venustum</i> Borisenko, 1959: 35	Late Eocene
S	nd	1	1	S			<i>Doryphacus bergontianus</i> Carnevale, 1908: 22, 44	e. Middle Miocene
E	nd	1	1	S		Td	<i>Doryphacus poroacanthos</i> Carnevale, 1908: 22, 44	e. Middle Miocene
E	nd	1	1	S		Td	<i>Doryprunum appenninicum</i> Vinassa de Regny, 1900: 574	l. Early Miocene
S	nd	1	1	S			<i>Dorysphaera baculum</i> Vinassa de Regny, 1900: 568	l. Early Miocene
S	nd	1	1	S			<i>Dorysphaera ehrenbergi</i> Vinassa de Regny, 1900: 568	l. Early Miocene
S	nd	0	1	S $\emptyset$			<i>Dorysphaera ehrenbergi longispina</i> Vinassa de Regny, 1900: 568	l. Early Miocene
S	nd	1	1	S			<i>Dorysphaera longispina</i> Principi, 1909: 5	Middle Miocene
N		1	1	S		Ts	<i>Drepatidium ambiguum</i> Deflandre, 1953: 430	Miocene
S	nd	1	1	S			<i>Druppastylus cayeuxi</i> Carnevale, 1908: 20, 44	e. Middle Miocene
S		1	1	S			<i>Druppactractus (Druppactractaria) polycentrus</i> Clark & Campbell, 1942: 35	e. Middle Eocene
S		1	1	S			<i>Druppactractus (Druppactractaria) trichopterus</i> Clark & Campbell, 1942: 34	e. Middle Eocene
S	nd	1	1	S			<i>Druppactractus (Druppactractus) benesagittatus</i> Middour in Frizzell & Middour, 1951: 21	Late Paleocene
S	nd	1	1	S			<i>Druppactractus (Druppactractus) parumsagittatus</i> Middour in Frizzell & Middour, 1951: 21	Late Paleocene
S		1	1	S			<i>Druppactractus (Druppactractus) lepidosiren</i> Clark & Campbell, 1945: 19	e. Middle Eocene
S	nd	0	1	S $\emptyset$			<i>Druppactractus accipenser</i> Haeckel, 1887: 325	Living
E		1	1	S			<i>Druppactractus acquiloniuss</i> Hays, 1970: 214	Late Miocene-Late Pleistocene
S		1	1	S			<i>Druppactractus agostinellii</i> Carnevale, 1908: 20, 44	e. Middle Miocene
S	nd	0	1	S $\emptyset$			<i>Druppactractus belone</i> Haeckel, 1887: 325	Living
S		1	1	S			<i>Druppactractus birostratus praecursor</i> Gorbunov, 1979: 111	Middle Eocene
S	nd	0	1	S $\emptyset$		Td	<i>Druppactractus diodon</i> Haeckel, 1887: 327	Living
S		1	1	S			<i>Druppactractus hastatus</i> Blueford, 1982: 206	Middle Miocene-e. Late Miocene
S		1	1	S		Ts	<i>Druppactractus hippocampus</i> Haeckel, 1887: 324	Living
S	nd	0	1	S $\emptyset$			<i>Druppactractus ichthydium</i> Haeckel, 1887: 324	Living
S		1	1	S			<i>Druppactractus irregularis</i> Popofsky, 1912: 114	Living
S		1	1	S			<i>Druppactractus microstylus</i> Lucchese, 1927: 93	e. Middle Miocene
S		1	1	S			<i>Druppactractus nanus</i> Blueford, 1982: 204	Middle Miocene-e. Late Miocene
S		1	1	S		T	<i>Druppactractus ostracion</i> Haeckel, 1887: 326	[Quaternary]
S	nd	0	1	S $\emptyset$			<i>Druppactractus pisciculus</i> Haeckel, 1887: 328	[Quaternary]
S		1	1	S			<i>Druppactractus variabilis</i> Dumitrica, 1973a: 833	e. Early Pleistocene
S	nd	0	1	S $\emptyset$			<i>Druppactractus xiphias</i> Haeckel, 1887: 327	[Early Miocene]
S	nd	0	1	S $\emptyset$		Td	<i>Druppocarpus ananassa</i> Haeckel, 1887: 311	Living
S	nd	0	1	S $\emptyset$			<i>Druppocarpus borassus</i> Haeckel, 1887: 312	[Quaternary]
S	nd	0	1	S $\emptyset$			<i>Druppocarpus castanea</i> Haeckel, 1887: 311	Living
S	nd	0	1	S $\emptyset$		Td	<i>Druppocarpus chamaerops</i> Haeckel, 1887: 312	Living
S	nd	0	1	S $\emptyset$			<i>Druppocarpus corypha</i> Haeckel, 1887: 312	[Tertiary]
S	nd	1	1	S			<i>Druppocarpus diplosphaera</i> Popofsky, 1908: 219	Living
S	nd	1	1	S			<i>Druppocarpus spinosus</i> Principi, 1909: 11	Middle Miocene
S	nd	1	1	S			<i>Druppula apenninica</i> Vinassa de Regny, 1900: 673	l. Early Miocene
S	nd	0	1	S $\emptyset$			<i>Druppula areca</i> Haeckel, 1887: 309	Living
S		1	1	S			<i>Druppula aspera</i> Tan, 1993: 210	Living
S	nd	0	1	S $\emptyset$			<i>Druppula caryota</i> Haeckel, 1887: 309	[Quaternary]
S	nn	1	0	S			<i>Druppula caucasica</i> Lipman, 1984	Late Paleocene
S	nd	0	1	S $\emptyset$			<i>Druppula cocos</i> Haeckel, 1887: 308	Living
S	nd	0	1	S $\emptyset$			<i>Druppula drupa</i> Haeckel, 1887: 308	[Quaternary]
S	nd	0	1	S $\emptyset$			<i>Druppula nucula</i> Haeckel, 1887: 310	Living
W		1	1	S			<i>Druppula oligra</i> Middour in Frizzell & Middour, 1951: 22	Late Paleocene
S	nd	0	1	S $\emptyset$			<i>Druppula oliva</i> Haeckel, 1887: 310	Living
S	nn	0	0	S $\emptyset$			<i>Druppula ornata</i> Hojnos, 1929: 194	Early Eocene
S		1	1	S		Ts	<i>Druppula pandanus</i> Haeckel, 1887: 308	[Early Miocene]
S	nd	0	1	S $\emptyset$			<i>Druppula phaenix</i> Haeckel, 1887: 308	Living
S	nd	0	1	S $\emptyset$			<i>Druppula prunum</i> Haeckel, 1887: 310	Living
W		1	1	S			<i>Druppula saligra</i> Middour in Frizzell & Middour, 1951: 21	Late Paleocene
S	nd	0	1	S $\emptyset$			<i>Drymosphaera cladophora</i> Haeckel, 1887: 249	Living
S		1	1	S		Ts	<i>Drymosphaera dendrophora</i> Haeckel, 1887: 249	Living
S	nd	1	1	S			<i>Drymosphaera denticulata</i> Popofsky, 1912: 105	Living
S	nd	0	1	S $\emptyset$			<i>Drymosphaera furcata</i> Haeckel, 1887: 249	Living
S	nd	0	1	S $\emptyset$		Td	<i>Drymosphaera hexagonalis</i> Haeckel, 1887: 248	Living



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Drymosphaera polygonalis</i> Haeckel, 1887: 249	Living
S		1	1	S			<i>Drymosphaera? pseudosagenoscena</i> Sugiyama, 1992a: 194	Early Miocene
S		0	1	Su			<i>Drymyomma elegans</i> Jørgensen, 1900: 58	Living
S		1	0	Sf	syn	Ts	<i>Drymyomma elegans</i> Jørgensen, 1905: 117	Living
N		1	1	S		T	<i>Dumetum rectum</i> Popofsky, 1908: 265	Living
W		1	1	S		Te	<i>Dystympanium dictyocha</i> Haeckel, 1887: 1007	[Quaternary]
W	nd	0	1	Sø			<i>Dystympanium distephanus</i> Haeckel, 1887: 1007	[Quaternary]
W	nd	0	1	Sø			<i>Dystympanium medusa</i> Haeckel, 1887: 1007	[Quaternary]
S	nd	0	1	Sø			<i>Echinactura asteriscus</i> Haeckel, 1887: 480	[Early Miocene]
S	nd	0	1	Sø		Td	<i>Echinactura culcita</i> Haeckel, 1887: 480	[Quaternary]
S	nd	0	1	Sø			<i>Echinactura goniaster</i> Haeckel, 1887: 480	[Quaternary]
S	nd	1	1	S			<i>Echinomma (Echinommura) hindei</i> Campbell & Clark, 1944: 18	e. Late Miocene
S	nd	0	1	Sø			<i>Echinomma cidaris</i> Haeckel, 1887: 257	Living
S	nd	0	1	Sø			<i>Echinomma diadema</i> Haeckel, 1887: 258	[Early Miocene]
S	nd	0	1	Sø		Td	<i>Echinomma echinidium</i> Haeckel, 1887: 257	Living
S	nd	0	1	Sø			<i>Echinomma enneacanthum</i> Mast, 1910: 170	Living
S		1	1	S			<i>Echinomma frugifera</i> Su, 1982: 282	Living
S		0	1	Su			<i>Echinomma leptodermum</i> Jørgensen, 1900: 57	Living
S		1	0	Sf	syn		<i>Echinomma leptodermum</i> Jørgensen, 1905: 116	Living
S		1	1	S			<i>Echinomma polyacantha</i> Chen, 1987: 223	Holocene
S		1	1	S			<i>Echinomma popofskii</i> Petrushevskaya, 1967: 23	Living
S		1	1	S			<i>Echinomma quadrisphaera</i> Dogiel in Petrushevskaya, 1969a: 138	Living
S		1	1	S			<i>Echinomma sphaerechinus</i> Haeckel, 1887: 258	Living
S		1	1	S		Ts	<i>Echinomma toxopneustes</i> Haeckel, 1887: 259	Living
S		1	1	S		Ts	<i>Echinosphaera datura</i> Hertwig, 1879: 51	Living
N		1	1	S		T	<i>Ectotoxon xetton</i> Sugiyama, 1994: 6	I. Early Miocene
S	nd	0	1	Sø		Td	<i>Elaphococcus dichotomus</i> Haeckel, 1887: 229	Living
S	nd	0	1	Sø			<i>Elaphococcus drymodes</i> Haeckel, 1887: 229	Living
S	nd	0	1	Sø			<i>Elaphococcus elaphoceras</i> Haeckel, 1887: 228	[Quaternary]
S	nd	0	1	Sø		Td	<i>Elaphococcus furcatus</i> Haeckel, 1887: 228	Living
S		1	1	S			<i>Elaphococcus gaussi</i> Popofsky, 1912: 100	Living
S	nd	0	1	Sø			<i>Elaphococcus umbellatus</i> Haeckel, 1887: 229	Living
S	nd	0	1	Sø			<i>Elaphococcus umbellifer</i> Haeckel, 1887: 228	Living
N		1	1	S			<i>Elaphospyris alcicornis</i> Haeckel, 1887: 1057	[Quaternary]
N	nd	0	1	Sø			<i>Elaphospyris capricornis</i> Haeckel, 1887: 1056	[Quaternary]
N		1	1	S			<i>Elaphospyris cervicornis</i> Haeckel, 1887: 1057	[Quaternary]
N		1	1	S		T	<i>Elaphospyris damaecornis</i> Haeckel, 1887: 1057	[Living]
S		1	1	S			<i>Elatomma arborescens</i> Mast, 1910: 166	Living
E	nd	0	1	Sø			<i>Elatomma irregulare</i> Haeckel, 1887: 243	Living
E		1	1	S		Ts	<i>Elatomma juniperinum</i> Haeckel, 1887: 243	Living
E	nd	0	1	Sø			<i>Elatomma penicillus</i> Haeckel, 1887: 243	Living
E	nd	0	1	Sø		Td	<i>Elatomma pinetum</i> Haeckel, 1887: 242	Living
E	nd	0	1	Sø			<i>Elatomma scoparium</i> Haeckel, 1887: 242	Living
S		1	1	S			<i>Elatomma variabile</i> Mast, 1910: 166	Living
S	nd	0	1	Sø			<i>Ellipsoidium artocarpus</i> Haeckel, 1887: 294	[Early Miocene]
S	nd	1	1	S			<i>Ellipsoidium cultum</i> Borisenko, 1960b: 224	Early Eocene-Middle Eocene
S	nd	0	1	Sø		Td	<i>Ellipsoidium datura</i> Haeckel, 1887: 294	[Quaternary]
S	nd	0	1	Sø			<i>Ellipsoidium echinidium</i> Haeckel, 1887: 295	[Quaternary]
S	nd	1	1	S			<i>Ellipsoidium? mendosum</i> Krasheninnikov, 1960: 281	Early Eocene
S	nd	0	1	Sø			<i>Ellipsoidium opuntia</i> Haeckel, 1887: 295	Living
S	nd	0	1	Sø			<i>Ellipsoidium pandanidium</i> Haeckel, 1887: 294	[Eocene]
S	nd	1	1	S		Td	<i>Ellipsis faceta</i> Haeckel, 1887: 291	[Quaternary]
S	nd	1	1	S		Td	<i>Ellipsis infundibulum</i> Haeckel, 1887: 292	[Quaternary]
S	nd	1	1	S			<i>Ellipsostylus (Ellipsostyletta) anisoxiphos</i> Clark & Campbell, 1942: 32	e. Middle Eocene
S	nd	1	1	S			<i>Ellipsostylus (Ellipsostyletta) parvus</i> Clark & Campbell, 1942: 32	e. Middle Eocene
S	nd	1	1	S			<i>Ellipsostylus ancorarius</i> Krasheninnikov, 1960: 279	Early Eocene
S		1	1	S			<i>Ellipsostylus aquila</i> Haeckel, 1887: 300	[Quaternary]
S	nd	0	1	Sø			<i>Ellipsostylus avicularis</i> Haeckel, 1887: 299	[Quaternary]
N		1	1	S			<i>Ellipsostylus ciconia</i> Haeckel, 1887: 300	[Quaternary]
N		1	1	S			<i>Ellipsostylus columba</i> Haeckel, 1887: 300	Living
S	nd	1	1	S			<i>Ellipsostylus conveniens</i> Moksyakova, 1961: 236	Late Eocene
S		1	1	S			<i>Ellipsostylus distachyus</i> Blueford, 1982: 206	Middle Miocene-Late Miocene
S	nd	0	1	Sø			<i>Ellipsostylus gallinula</i> Haeckel, 1887: 301	Living
S		1	1	S		Ts	<i>Ellipsostylus hirundo</i> Haeckel, 1887: 301	[Quaternary]
S	nd	1	1	S			<i>Ellipsostylus inclarus</i> Krasheninnikov, 1960: 280	Early Eocene
S		1	1	S			<i>Ellipsostylus mirus</i> Krasheninnikov, 1960: 281	Early Eocene
S	nd	1	1	S			<i>Ellipsostylus mutilus</i> Moksyakova, 1965: 246	Late Eocene
S	nd	1	1	S			<i>Ellipsostylus ogranlensis</i> Moksyakova, 1961: 236	Late Eocene
S	nd	0	1	Sø			<i>Ellipsostylus ornithoides</i> Haeckel, 1887: 299	[Quaternary]
S	nd	1	1	S			<i>Ellipsostylus ovalis</i> Moksyakova, 1970: 139	Late Eocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S		T	<i>Ellipsostylus psittacus</i> Haeckel, 1887: 300	[Quaternary]
S	nd	1	1	S			<i>Ellipsostylus russiensis</i> Krasheninnikov, 1960: 279	Early Eocene
E		1	1	S			<i>Ellipsostylus salebrosus</i> Blueford, 1982: 208	Middle Miocene-Late Miocene
S	nd	1	1	S			<i>Ellipsoxiphus? ardeolaensis</i> Middour in Frizzell & Middour, 1951: 20	Late Paleocene
S		1	1	S			<i>Ellipsoxiphus attractus</i> Haeckel, 1887: 298	[Early Miocene]
S		1	1	S			<i>Ellipsoxiphus bipolaris</i> Haeckel, 1887: 297	[Quaternary]
S	nd	1	1	S			<i>Ellipsoxiphus chabakovi</i> Lipman, 1949: 114	Early Eocene
S		1	1	S			<i>Ellipsoxiphus claviger</i> Haeckel, 1887: 297	[Quaternary]
S	nd	1	1	S			<i>Ellipsoxiphus cultum</i> Borisenko, 1960b: 225	Early Eocene
S	nd	0	1	S $\emptyset$			<i>Ellipsoxiphus elegans</i> Haeckel, 1887: 296	[Quaternary]
E		1	1	S		Ts	<i>Ellipsoxiphus elegans</i> var. <i>palliatu</i> s Haeckel, 1887: 296	[Quaternary]
S	nd	0	1	S $\emptyset$		Td	<i>Ellipsoxiphus flosculus</i> Haeckel, 1887: 296	[Eocene]
S	nd	0	1	S $\emptyset$			<i>Ellipsoxiphus fragilis</i> Haeckel, 1887: 296	Living
S	nd	1	1	S			<i>Ellipsoxiphus longus</i> Mamedov, 1969b: 99	Middle Eocene
S	nd	1	1	S			<i>Ellipsoxiphus permagnus</i> Moksyakova, 1965: 246	Late Eocene
S		1	1	S			<i>Ellipsoxiphus solidus</i> Dreyer, 1889: 53	[Quaternary]
S	nd	1	1	S			<i>Ellipsoxiphus tenuis</i> Borisenko, 1958: 87	Paleocene
S	nd	1	1	S			<i>Ellipsoxiphus veruformis</i> Borisenko, 1960b: 225	Early Eocene-Middle Eocene
S	nd	1	1	S			<i>Ellipsoxiphus vialovi</i> Mamedov, 1969b: 98	Middle Eocene
S	nd	1	1	S			<i>Ellipsoxiphus akkujensis</i> Moksyakova, 1961: 235	Late Eocene
S		1	1	S		T	<i>Enalomelon inemmetum</i> Sugiyama, 1992a: 195	I. Early Miocene
N		1	1	S			<i>Enneaphormis tippula</i> Renaudie & Lazarus, 2016: 40	Early Miocene-Late Miocene
S		1	1	S			<i>Entapium chaenapium</i> Sanfilippo & Riedel, 1973: 491	e. Middle Eocene
S		1	1	S			<i>Entapium piriferum</i> Kozlova, 1999: 72	Late Paleocene
S		1	1	S		T	<i>Entapium regulare</i> Sanfilippo & Riedel, 1973: 492	Middle Paleocene-e. Middle Eocene
N		1	1	S		T	<i>Entepipedus zophyi</i> Sugiyama, 1994: 7	I. Early Miocene
S		1	1	S			<i>Ethmosphaera (Ethmosphaeromma) ethmosiphonia</i> Clark & Campbell, 1942: 20	e. Middle Eocene
S	nd	1	1	S			<i>Ethmosphaera (Siphonosphaera?) rara</i> Vinassa de Regny, 1900: 567	I. Early Miocene
S		1	1	S			<i>Ethmosphaera conosiphonia</i> Haeckel, 1887: 69	[Early Miocene]
S	nd	0	1	S $\emptyset$			<i>Ethmosphaera leptosiphonia</i> Haeckel, 1887: 70	Living
S	nd	0	1	S $\emptyset$			<i>Ethmosphaera macrosiphonia</i> Haeckel, 1887: 70	Living
S	nd	0	1	S $\emptyset$			<i>Ethmosphaera pachysiphonia</i> Haeckel, 1887: 70	[Quaternary]
S		1	1	S			<i>Ethmosphaera polysiphonia</i> Haeckel, 1887: 70	[Quaternary]
S		0	1	Su			<i>Ethmosphaera siphonophora</i> Haeckel, 1861a: 802	Living
S		1	0	Sf	syn	T	<i>Ethmosphaera siphonophora</i> Haeckel, 1862: 350, 544	Living
S	nd	0	1	S $\emptyset$		Td	<i>Ethmosphaera stenosiphonia</i> Haeckel, 1887: 70	Living
N		1	1	S			<i>Eucecryphalus aberrans</i> Dogiel in Petrushevskaya, 1971: 224	Living
N		1	1	S			<i>Eucecryphalus clinatus</i> Takahashi, 1991: 111	Living
N	nd	0	1	S $\emptyset$		Td	<i>Eucecryphalus corocalyptra</i> Haeckel, 1887: 1221	Living
N	nd	0	1	S $\emptyset$			<i>Eucecryphalus cuvieri</i> Haeckel, 1887: 1222	[Quaternary]
N		0	1	Su			<i>Eucecryphalus gegenbauri</i> Haeckel, 1861b: 836	Living
N		1	0	Sf	syn	T	<i>Eucecryphalus gegenbauri</i> Haeckel, 1862: 308, 541	Living
N	nd	0	1	S $\emptyset$			<i>Eucecryphalus halicalyptra</i> Haeckel, 1887: 1221	Living
N		1	1	S			<i>Eucecryphalus histicosus</i> Hülsemann, 1963: 26	Living
N		1	1	S			<i>Eucecryphalus huxleyi</i> Haeckel, 1879: 706	[Living]
N		1	1	S			<i>Eucecryphalus laevis</i> Hertwig, 1879: 205, 209, 210, 272, 276	Living
N	nd	0	1	S $\emptyset$			<i>Eucecryphalus muelleri</i> Haeckel, 1887: 1222	[Quaternary]
N		1	1	S			<i>Eucecryphalus nishimurae</i> Kozlova, 1999: 123	Early Paleocene
N	nd	1	1	S			<i>Eucecryphalus penelopus</i> Chen <i>et al.</i> , 2017: 278	Late Pleistocene
N		1	1	S			<i>Eucecryphalus petrushevskayae</i> Caulet, 1979: 131	Late Pliocene-Early Pleistocene
N		0	1	Su			<i>Eucecryphalus schultzei</i> Haeckel, 1861b: 836	Living
N		1	0	Sf	syn		<i>Eucecryphalus schultzei</i> Haeckel, 1862: 309, 541	Living
S		1	1	S			<i>Euchitonia acuta</i> Stöhr, 1880: 111	[e. Late Miocene]
S		1	1	S			<i>Euchitonia aequipondata</i> Popofsky, 1912: 139	Living
S	nn	0	0	S $\emptyset$			<i>Euchitonia anomala</i> Stöhr, 1878: 517	[e. Late Miocene]
S		1	1	S			<i>Euchitonia beckmanni</i> Haeckel, 1862: 505	Living
S		1	1	S			<i>Euchitonia carcinus</i> Haeckel, 1887: 535	[Quaternary]
S		1	1	S			<i>Euchitonia cruciata</i> Stöhr, 1880: 111	[e. Late Miocene]
S		1	1	S			<i>Euchitonia echinata</i> Haeckel, 1887: 536	[Quaternary]
S	nn	0	0	Sp	pre		<i>Euchitonia furcata</i> Ehrenberg, 1861a: 767	
S		0	1	Su			<i>Euchitonia furcata</i> Ehrenberg, 1873a: 308	Holocene
S		1	0	Sf	syn	Ts	<i>Euchitonia furcata</i> Ehrenberg, 1873b: 288-289	Holocene
S		1	1	S		Ts	<i>Euchitonia gegenbauri</i> Haeckel, 1862: 506	Living
S	nn	0	0	S $\emptyset$			<i>Euchitonia guembeli</i> Stöhr, 1878: 517	[e. Late Miocene]
S		1	1	S			<i>Euchitonia koellikeri</i> Haeckel, 1862: 510, 560	Living
S	nd	0	1	S $\emptyset$			<i>Euchitonia krohni</i> Haeckel, 1862: 507	Living
S		1	1	S			<i>Euchitonia lanceolata</i> Haeckel, 1887: 534	[Quaternary]
S		1	1	S			<i>Euchitonia leydigi</i> Haeckel, 1862: 510, 560	Living
S		1	1	S			<i>Euchitonia muelleri</i> Haeckel, 1862: 508, 559	Living
S	nd	1	1	S			<i>Euchitonia pantanellii</i> Issel, 1889-90: 107	Middle Eocene?

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Euchitonia stoeberi</i> Haeckel, 1887: 534	[Quaternary]
S	nd	0	1	Sø			<i>Euchitonia triangulum</i> Seguenza, 1880: 233	Early Pliocene
S		1	1	S			<i>Euchitonia virchowii</i> Haeckel, 1862: 503	Living
N		1	1	S			<i>Eucoronis angulata</i> Haeckel, 1887: 978	[Quaternary]
N	nd	0	1	Sø			<i>Eucoronis arborescens</i> Haeckel, 1887: 978	Living
N	nd	0	1	Sø			<i>Eucoronis cervicornis</i> Haeckel, 1887: 978	Living
N		1	1	S			<i>Eucoronis fridtofjanseni</i> Goll & Bjørklund, 1980: 366	e. Late Miocene
N	nd	0	1	Sø			<i>Eucoronis laevigata</i> Haeckel, 1887: 977	[Quaternary]
N		1	1	S			<i>Eucoronis nephrospyrus</i> Haeckel, 1887: 977	Living
N		1	1	S		T	<i>Eucoronis perspicillum</i> Haeckel, 1887: 977	[Quaternary]
N		1	1	S			<i>Eucyrtidium (Artocyrtis) frizzelli</i> Middour in Frizzell & Middour, 1951: 34	Late Paleocene
N		1	1	S			<i>Eucyrtidium (Eucyrtidium) plummerae</i> Middour in Frizzell & Middour, 1951: 34	Late Paleocene
N		1	1	S			<i>Eucyrtidium (Eucyrtis) delmontense</i> Campbell & Clark, 1944: 56	e. Late Miocene
N		1	1	S			<i>Eucyrtidium (Eucyrtis) delmontense inflatum</i> Campbell & Clark, 1944: 56	e. Late Miocene
N		0	1	Su			<i>Eucyrtidium acanthocephalum</i> Ehrenberg, 1874b: 225	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium acanthocephalum</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium acephalum</i> Ehrenberg, 1874b: 224	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium acephalum</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N	nd	1	1	S			<i>Eucyrtidium aculeatum</i> Principi, 1909: 18	Middle Miocene
N		1	1	S			<i>Eucyrtidium acutum</i> Stöhr, 1880: 105	[e. Late Miocene]
N		1	1	S			<i>Eucyrtidium aderces</i> Nigrini & Caulet, 1992: 156	Late Pliocene-e. Early Pleistocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium aegaeum</i> Ehrenberg, 1854c: 318	
N	nd	1	0	Sf			<i>Eucyrtidium aegaeum</i> Ehrenberg, 1854d	Holocene
N	nd	0	1	Sd	syn		<i>Eucyrtidium aegaeum</i> Ehrenberg, 1859: 31	Holocene
N		0	1	Su			<i>Eucyrtidium alauda</i> Ehrenberg, 1874b: 225	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium alauda</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		1	0	Sf			<i>Eucyrtidium ampulla</i> Ehrenberg, 1854d	I. Middle Eocene
N		0	1	Sd	syn		<i>Dictyocephalus ampulla</i> Haeckel, 1862: 297	
N		1	1	S			<i>Eucyrtidium anniae</i> Caulet, 1986a: 850	e. Late Miocene-Early Pliocene
N		0	1	Su			<i>Eucyrtidium antilope</i> Ehrenberg, 1873a: 308	Holocene
N		1	0	Sf	syn	T	<i>Eucyrtidium antilope</i> Ehrenberg, 1873b: 290-291	Holocene-Living
N		1	1	S			<i>Eucyrtidium antiquum</i> Caulet, 1991: 535	Early Oligocene-Late Oligocene
N	nd	1	1	S			<i>Eucyrtidium apenninicum</i> Principi, 1909: 18	Middle Miocene
N		0	1	Su			<i>Eucyrtidium apiculatum</i> Ehrenberg, 1874b: 225	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium apiculatum</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		1	1	S			<i>Eucyrtidium aquilonaris</i> Bailey, 1856: 4	[Quaternary]
N	nd	0	1	Sø			<i>Eucyrtidium arctum</i> Ehrenberg, 1859: 33	Holocene
N		0	1	Su			<i>Eucyrtidium argus</i> Ehrenberg, 1874b: 225	I. Middle Eocene
N		1	0	Sf	syn	T	<i>Eucyrtidium argus</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium armadillo</i> Ehrenberg, 1874b: 225	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium armadillo</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		1	1	S			<i>Eucyrtidium armatum</i> Haeckel, 1887: 1495	[Quaternary]
N		0	1	Su			<i>Eucyrtidium articulatum</i> Ehrenberg, 1874b: 226	I. Middle Eocene
N		1	0	Sf	syn	T	<i>Eucyrtidium articulatum</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		1	1	S			<i>Eucyrtidium asanoi</i> Sakai, 1980: 709	Middle Miocene
N		0	1	Su			<i>Eucyrtidium asperum</i> Ehrenberg, 1874b: 226	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium asperum</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium attenuatum</i> Ehrenberg, 1874b: 226	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium attenuatum</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium australe</i> Ehrenberg, 1847: 43, 47	
N		1	0	Sf			<i>Eucyrtidium australe</i> Ehrenberg, 1854d	Living
N		0	1	Sd	syn		<i>Lithocampe australis</i> Haeckel, 1862: 315	
N		0	1	Su			<i>Eucyrtidium barbadense</i> Ehrenberg, 1874b: 226	I. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Eucyrtidium barbadense</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium biauratum</i> Ehrenberg, 1874b: 226	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium biauratum</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium bicornis</i> Ehrenberg, 1874b: 226	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium bicornis</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		1	1	S			<i>Eucyrtidium buetschli</i> Haeckel, 1887: 1492	[Quaternary]
N		1	1	S			<i>Eucyrtidium calvertense</i> Martin, 1904: 450	Miocene
N	nn	1	0	S			<i>Eucyrtidium calvertense robusta</i> Petrushevskaya, 1973	Holocene?
N	nd	0	1	Sø			<i>Eucyrtidium calyx</i> Seguenza, 1880: 232	Early Pliocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium campanulatum</i> Ehrenberg, 1854a: table	
N		0	1	Su			<i>Eucyrtidium campanulatum</i> Ehrenberg, 1854b: 241	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium campanulatum</i> Suzuki et al., 2009a	Holocene
N		0	1	Su			<i>Eucyrtidium cancrinum</i> Ehrenberg, 1874b: 227	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium cancrinum</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium carinatum</i> Haeckel, 1861b: 838	Living
N		1	0	Sf	syn		<i>Eucyrtidium carinatum</i> Haeckel, 1862: 322, 542	Living
N	nn	0	0	Sp	pre		<i>Eucyrtidium cassis</i> Ehrenberg, 1861a: 768	



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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	0	1	Su			<i>Eucyrtidium cassis</i> Ehrenberg, 1873a: 308	Holocene
N	nd	1	0	Sf	syn		<i>Eucyrtidium cassis</i> Ehrenberg, 1873b: 290-291	Holocene
N		0	1	Su			<i>Eucyrtidium cervus</i> Ehrenberg, 1873a: 308	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium cervus</i> Ehrenberg, 1873b: 290-291	Holocene
N		1	1	S			<i>Eucyrtidium cheni</i> Takemura, 1992: 746	Early Oligocene
N	nd	0	1	Sø			<i>Eucyrtidium chrysalidium</i> Haeckel, 1887: 1490	[Quaternary]
N		1	1	S			<i>Eucyrtidium cienkowski</i> Haeckel, 1887: 1493	[Quaternary]
N		1	1	S			<i>Eucyrtidium conostoma</i> Haeckel, 1887: 1495	[Quaternary]
N	nn	0	0	Sp	pre		<i>Eucyrtidium comutella</i> Ehrenberg, 1861b: 823	
N		0	1	Su			<i>Eucyrtidium comutella</i> Ehrenberg, 1862b: 298	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium comutella</i> Ehrenberg, 1873b: 290-291	Holocene
N		0	1	Su			<i>Eucyrtidium coronatum</i> Ehrenberg, 1874b: 227	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium coronatum</i> Ehrenberg, 1873b: 290-71	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium cranoides</i> Haeckel, 1861b: 838	Living
N		1	0	Sf	syn		<i>Eucyrtidium cranoides</i> Haeckel, 1862: 320, 542	Living
N		0	1	Su			<i>Eucyrtidium crassiceps</i> Ehrenberg, 1874b: 227	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium crassiceps</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium creticum</i> Ehrenberg, 1858: 549	
N		0	1	Su			<i>Eucyrtidium creticum</i> Ehrenberg, 1859: 32	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium creticum</i> Ehrenberg, 1873b: 290-291	Holocene
N		0	1	Su			<i>Eucyrtidium cryptocephalum</i> Ehrenberg, 1874b: 227	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium cryptocephalum</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium cryptoprora</i> Ehrenberg, 1861a: 768	
N		0	1	Su			<i>Eucyrtidium cryptoprora</i> Ehrenberg, 1873a: 309	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium cryptoprora</i> Ehrenberg, 1873b: 290-291	Holocene
N		1	1	S			<i>Eucyrtidium cubense</i> Riedel & Sanfilippo, 1971: 1594	Early Eocene
N		1	1	S			<i>Eucyrtidium cuspidatum</i> Bailey, 1856: 5	[Quaternary]
N	nd	1	1	S			<i>Eucyrtidium cybaeum</i> Mamedov, 1969c: 38	Middle Eocene
N		0	1	Su			<i>Eucyrtidium cylindricum</i> Ehrenberg, 1874b: 227	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium cylindricum</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		1	1	S			<i>Eucyrtidium delmontense nipponicum</i> Nakaseko, 1955: 100	I. Early Miocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium demersissimum</i> Ehrenberg, 1861a: 768	
N		0	1	Su			<i>Eucyrtidium demersissimum</i> Ehrenberg, 1873a: 309	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium demersissimum</i> Ehrenberg, 1873b: 290-291	Holocene
N		1	1	S			<i>Eucyrtidium diaphanes</i> Sanfilippo & Riedel in Sanfilippo <i>et al.</i> , 1973: 221	Early Miocene-Middle Miocene
N	nd	0	1	Sø			<i>Eucyrtidium diaphanum</i> Ehrenberg, 1873a: 309	Holocene
N	nd	0	1	Sø			<i>Eucyrtidium doliolum</i> Seguenza, 1880: 232	Early Pliocene
N	nd hom	0	1	Sø			<i>Eucyrtidium doliolum</i> Haeckel, 1887: 1489	[Quaternary]
N		1	1	S			<i>Eucyrtidium dufresni</i> Caulet, 1979: 134	I. Early Pleistocene-Middle Pleistocene
N	nd	1	1	S			<i>Eucyrtidium ehrenbergi</i> Haeckel, 1887: 1495	[Quaternary]
N		1	0	Sf			<i>Eucyrtidium elegans</i> Ehrenberg, 1854d	I. Middle Eocene
N		0	1	Sd	syn		<i>Eucyrtidium elegans</i> Haeckel, 1862: 327	
N		1	1	S			<i>Eucyrtidium elongatum</i> Stöhr, 1880: 105	[e. Late Miocene]
N		1	1	S			<i>Eucyrtidium elongatum peregrinum</i> Riedel, 1953: 812	Miocene-Pliocene
N		0	1	Su			<i>Eucyrtidium embolum</i> Ehrenberg, 1874b: 228	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium embolum</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium eruca</i> Ehrenberg, 1847: 48	
N		0	1	Su			<i>Eucyrtidium eruca</i> Ehrenberg, 1874b: 228	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium eruca</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		1	1	S			<i>Eucyrtidium erythromystax</i> Nigrini & Caulet, 1992: 154	I. Early Miocene-Late Pleistocene
N		0	1	Su			<i>Eucyrtidium euporum</i> Ehrenberg, 1873a: 309	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium euporum</i> Ehrenberg, 1873b: 145, 290-291	Holocene
N		0	1	Su			<i>Eucyrtidium excellens</i> Ehrenberg, 1874b: 228	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium excellens</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium fastuosum</i> Ehrenberg, 1873a: 309	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium fastuosum</i> Ehrenberg, 1873b: 290-291	Holocene
N		0	1	Su			<i>Eucyrtidium ficus</i> Ehrenberg, 1874b: 228	I. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Eucyrtidium ficus</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium fistuligerum</i> Ehrenberg, 1874b: 229	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium fistuligerum</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		1	1	S			<i>Eucyrtidium frohlichi</i> Caulet, 1979: 134	Late Pliocene-Middle Pleistocene
N		1	1	S			<i>Eucyrtidium funnellium</i> Haslett, 1994: 137	Late Pliocene
N	nd	0	1	Sø			<i>Eucyrtidium fusiforme</i> Haeckel, 1887: 1489	Living
N	nn	0	0	Sp	pre		<i>Eucyrtidium galatheae</i> Ehrenberg, 1854a: table	
N		0	1	Su			<i>Eucyrtidium galatheae</i> Ehrenberg, 1854b: 242	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium galatheae</i> Suzuki <i>et al.</i> , 2009a	Holocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium gemmatum</i> Ehrenberg, 1873b: 290-291	
N		0	1	Su			<i>Eucyrtidium gemmatum</i> Ehrenberg, 1874b: 229	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium gemmatum</i> Ehrenberg, 1876: 70-71	e. Middle Miocene
N		1	1	S			<i>Eucyrtidium globicephalum</i> Vinassa de Regny, 1900: 586	I. Early Miocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nn	0	0	Sp	pre		<i>Eucyrtidium gracile</i> Ehrenberg, 1873b: 290-291	
N		0	1	Su			<i>Eucyrtidium gracile</i> Ehrenberg, 1874b: 229	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium gracile</i> Ehrenberg, 1876: 70-71	I. Middle Eocene
N		1	1	S			<i>Eucyrtidium hammondi</i> Shrubsole, 1889: 123	[Eocene]
N		1	1	S			<i>Eucyrtidium hertwigi</i> Haeckel, 1887: 1491	[Quaternary]
N	nn	0	0	Sp	pre		<i>Eucyrtidium heteroporum</i> Ehrenberg, 1854a: table	
N		0	1	Su			<i>Eucyrtidium heteroporum</i> Ehrenberg, 1854b: 242	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium heteroporum</i> Suzuki et al., 2009a	Holocene
N		1	1	S			<i>Eucyrtidium hexagonatum</i> Haeckel, 1887: 1489	[Quaternary]
N		0	1	Su			<i>Eucyrtidium hillaby</i> Ehrenberg, 1874b: 229	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium hillaby</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N		1	1	S			<i>Eucyrtidium hirtum</i> Vinassa de Regny, 1900: 586	I. Early Miocene
N		0	1	Su			<i>Eucyrtidium hispidum</i> Ehrenberg, 1862b: 298	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium hispidum</i> Ehrenberg, 1873b: 290-291	Holocene
N		1	1	S			<i>Eucyrtidium hyperboreum</i> Bailey, 1856: 4	Living
N		1	1	S			<i>Eucyrtidium ichikawai</i> Nakaseko, 1955: 112	I. Early Miocene
N		1	1	S			<i>Eucyrtidium ichikawai</i> $\beta$ Nakaseko, 1955: 113	I. Early Miocene
N		1	1	S			<i>Eucyrtidium ichikawai</i> $\alpha$ Nakaseko, 1955: 113	I. Early Miocene
N		0	1	Su			<i>Eucyrtidium imbricatum</i> Ehrenberg, 1874b: 229	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium imbricatum</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N		1	1	S		Ts	<i>Eucyrtidium incrassatum</i> Stöhr, 1880: 105	[e. Late Miocene]
N	nd	0	1	Sø			<i>Eucyrtidium increescens</i> Ehrenberg, 1862b: 299	Holocene
N		1	1	S			<i>Eucyrtidium indiense</i> Caulet, 1979: 134	Late Miocene-Early Pleistocene
N		1	1	S			<i>Eucyrtidium inflatum</i> Kling, 1973: 636	I. Middle Eocene-e. Late Miocene
N		1	1	S			<i>Eucyrtidium inflatum borealum</i> Vitukhin in Barinov et al., 1992: 131	I. Middle Eocene
N		1	1	S			<i>Eucyrtidium infraculeatum</i> Stöhr, 1880: 106	[e. Late Miocene]
N	nn	0	0	Sø			<i>Eucyrtidium irregulare</i> Ehrenberg, 1855b: 304	
N		1	1	S			<i>Eucyrtidium isseli</i> Principi, 1909: 18	Middle Miocene
N		1	1	S		Ts	<i>Eucyrtidium lagenoides</i> Stöhr, 1880: 104	[e. Late Miocene]
N		1	1	S			<i>Eucyrtidium lagenoides</i> var. <i>magniperforatum</i> Lucchese, 1927: 108	e. Middle Miocene
N		1	1	S			<i>Eucyrtidium lene</i> Sugiyama in Sugiyama et al., 1992: 23	Late Pliocene
N	nn	0	0	Sø			<i>Eucyrtidium lineatum</i> $\alpha$ <i>arcticum</i> Ehrenberg, 1862b: 282	Holocene
N		0	1	Su			<i>Eucyrtidium lineatum</i> $\gamma$ <i>arachneum</i> Ehrenberg, 1862b: 299	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium lineatum arachneum</i> Suzuki et al., 2009a	Holocene
N	nd	0	1	Sø			<i>Eucyrtidium lineatum</i> $\delta$ <i>cristatum</i> Ehrenberg, 1862b: 299	Holocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium macilentum</i> Ehrenberg, 1861a: 767	
N	nd	0	1	Su			<i>Eucyrtidium macilentum</i> Ehrenberg, 1873a: 310	Holocene
N	nd	1	0	Sf	syn		<i>Eucyrtidium macilentum</i> Ehrenberg, 1873b: 290-291	Holocene
N	nd	0	1	Sø			<i>Eucyrtidium macroceros</i> Ehrenberg, 1873a: 310	Holocene
N		1	1	S			<i>Eucyrtidium? mariae</i> Caulet, 1991: 536	Late Eocene-Early Oligocene
N		1	1	S			<i>Eucyrtidium matuyamai</i> Hays, 1970: 213	Pliocene-Pleistocene
N	nd	1	1	S			<i>Eucyrtidium megaloporum</i> Ehrenberg, 1873b: 290-291	
N	nn	0	0	Sp	pre		<i>Eucyrtidium microcephalum</i> Ehrenberg, 1858: 549	
N	nd	0	1	Su			<i>Eucyrtidium microcephalum</i> Ehrenberg, 1859: 32	Holocene
N	nd	1	0	Sf	syn		<i>Eucyrtidium microcephalum</i> Ehrenberg, 1873b: 290-291	Holocene
N		0	1	Su			<i>Eucyrtidium microporum</i> Ehrenberg, 1874b: 230	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium microporum</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium microtheca</i> Ehrenberg, 1874b: 230	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium microtheca</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N		1	1	S			<i>Eucyrtidium mitodes</i> Nigrini in Nigrini et al., 2006: 40	Early Oligocene-Early Miocene
N		1	0	Sf			<i>Eucyrtidium mongolfieri</i> Ehrenberg, 1854d	I. Middle Eocene
N		0	1	Sd	syn		<i>Lithamphora mongolfieri</i> Haeckel, 1862: 318	
N		0	1	Su			<i>Eucyrtidium montiparum</i> Ehrenberg, 1874b: 230	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium montiparum</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium multiseriatum</i> Ehrenberg, 1861a: 768	
N		0	1	Su			<i>Eucyrtidium multiseriatum</i> Ehrenberg, 1873a: 310	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium multiseriatum</i> Ehrenberg, 1873b: 292-293	Holocene
N	nd	0	1	Su			<i>Eucyrtidium? nassa</i> Ehrenberg, 1874b: 230	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium? nassa</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium nereidum</i> Ehrenberg, 1854a: table	
N		0	1	Su			<i>Eucyrtidium nereidum</i> Ehrenberg, 1854b: 242	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium nereidum</i> Ehrenberg, 1854d	Holocene
N	nd	0	1	Su			<i>Eucyrtidium nucula</i> Ehrenberg, 1873a: 310	Holocene
N	nd	1	0	Sf	syn		<i>Eucyrtidium nucula</i> Ehrenberg, 1873b: 145	Holocene
N		0	1	Su			<i>Eucyrtidium nutans</i> Ehrenberg, 1873a: 310	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium nutans</i> Ehrenberg, 1874a: 446	Holocene
N		0	1	Su			<i>Eucyrtidium? obstipum</i> Ehrenberg, 1874b: 231	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium? obstipum</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium? ocellatum</i> Ehrenberg, 1862b: 299	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium ocellatum</i> Suzuki et al., 2009a	Holocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	0	1	Sø			<i>Eucyrtidium ovatum</i> Haeckel, 1887: 1495	[Quaternary]
N		0	1	Su			<i>Eucyrtidium pachyderma</i> Ehrenberg, 1874b: 231	I. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Eucyrtidium pachyderma</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium panthera</i> Ehrenberg, 1874b: 231	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium panthera</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium papillosum</i> Ehrenberg, 1873a: 310	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium papillosum</i> Ehrenberg, 1873b: 292-293	Holocene
N		1	1	S			<i>Eucyrtidium parva</i> Kim, 1992: 43	Paleocene-Middle Eocene
N		0	1	Su			<i>Eucyrtidium pauperum</i> Ehrenberg, 1874b: 231	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium pauperum</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium picus</i> Ehrenberg, 1874b: 232	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium picus</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium pirum</i> Ehrenberg, 1874b: 232	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium pirum</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N	nd	0	1	Su			<i>Eucyrtidium platycephalum</i> Ehrenberg, 1873a: 311	[Holocene]
N	nd	1	0	Sf	syn		<i>Eucyrtidium platycephalum</i> Ehrenberg, 1873b: 145, 292-293	[Holocene]
N		1	1	S			<i>Eucyrtidium plesiodiaphanes</i> Sanfilippo & Nigrini, 1995: 278	Oligocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium pleuracanthus</i> Ehrenberg, 1861a: 768	
N		0	1	Su			<i>Eucyrtidium pleuracanthus</i> Ehrenberg, 1873a: 311	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium pleuracanthus</i> Ehrenberg, 1873b: 292-293	Holocene
N	nd	0	1	Sø			<i>Eucyrtidium pliocenicum</i> Seguenza, 1880: 232	Early Pliocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium profundissimum</i> Ehrenberg, 1861b: 823	
N		0	1	Su			<i>Eucyrtidium profundissimum</i> Ehrenberg, 1873a: 311	Holocene
N		1	0	Sf	syn	Ts	<i>Eucyrtidium profundissimum</i> Ehrenberg, 1873b: 292-293	Holocene
N		1	1	S			<i>Eucyrtidium pseudoinflatum</i> Weaver, 1983: 675	Late Miocene-Late Pliocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium pupa</i> Ehrenberg, 1861a: 768	
N		0	1	Su			<i>Eucyrtidium pupa</i> Ehrenberg, 1873a: 311	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium pupa</i> Ehrenberg, 1873b: 292-293	Holocene
N	nd	0	1	Su			<i>Eucyrtidium pusillum</i> Ehrenberg, 1874b: 232	I. Middle Eocene
N	nd	1	0	Sf	syn		<i>Eucyrtidium pusillum</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium quadriarticulatum</i> Ehrenberg, 1862b: 299	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium quadriarticulatum</i> Suzuki et al., 2009a	Holocene
N		1	1	S			<i>Eucyrtidium raphanus</i> Stöhr, 1880: 106	[e. Late Miocene]
N	nd	0	1	Su			<i>Eucyrtidium reticulatum</i> Ehrenberg, 1861a: 768	Holocene
N	nd	1	0	Sf	syn		<i>Eucyrtidium reticulatum</i> Suzuki et al., 2009a	Holocene
N		0	1	Su			<i>Eucyrtidium? reticulum</i> Ehrenberg, 1862b: 300	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium reticulum</i> Suzuki et al., 2009a	Holocene
N	nd	0	1	Sø			<i>Eucyrtidium scalarium</i> Haeckel, 1887: 1494	Living
N		0	1	Su			<i>Eucyrtidium scolopax</i> Ehrenberg, 1874b: 232	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium scolopax</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N	nd	1	1	S			<i>Eucyrtidium septatum</i> Lipman, 1953: 155	Middle Eocene
N	nn	0	0	Sø			<i>Eucyrtidium seriatum</i> Jørgensen in Gran, 1902: 150	Living
N	nn	0	0	Sp	pre		<i>Eucyrtidium seriolatum</i> Ehrenberg, 1858: 549	
N		0	1	Su			<i>Eucyrtidium seriolatum</i> Ehrenberg, 1859: 33	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium seriolatum</i> Suzuki et al., 2009a	Holocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium siculum</i> Ehrenberg, 1858: 549	
N		0	1	Su			<i>Eucyrtidium siculum</i> Ehrenberg, 1859: 33	[Miocene]
N		1	0	Sf	syn		<i>Eucyrtidium siculum</i> Suzuki et al., 2009a	I. Middle Miocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium simbirscianum</i> Ehrenberg, 1855b: 304	
N		1	1	S			<i>Eucyrtidium simbirscianum</i> Ehrenberg, 1876: 72-73	
N		0	1	Su			<i>Eucyrtidium siphon</i> Ehrenberg, 1874b: 233	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium siphon</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N		0	1	Su			<i>Eucyrtidium sphaerophilum</i> Ehrenberg, 1874b: 233	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium sphaerophilum</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N	nd	0	1	Sø		Td	<i>Eucyrtidium spinosum</i> Haeckel, 1887: 1490	[Quaternary]
N	hom	1	1	S			<i>Eucyrtidium spinosum</i> Takemura, 1992: 746	Late Eocene-Early Oligocene
N		0	1	Su			<i>Eucyrtidium stephanophorum</i> Ehrenberg, 1874b: 233	I. Middle Eocene
N		1	0	Sf	syn	T	<i>Eucyrtidium stephanophorum</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N	nd	0	1	Sø			<i>Eucyrtidium stoeberi</i> Haeckel, 1887: 1494	[Quaternary]
N	nn	0	0	Sp	pre		<i>Eucyrtidium subacutum</i> Ehrenberg, 1861a: 768	
N		0	1	Su			<i>Eucyrtidium subacutum</i> Ehrenberg, 1873a: 311	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium subacutum</i> Ehrenberg, 1873b: 292-293	Holocene
N	nd	0	1	Sø			<i>Eucyrtidium tenuiporum</i> Seguenza, 1880: 232	Early Pliocene
N		1	1	S			<i>Eucyrtidium teuscheri</i> Haeckel, 1887: 1491	[Quaternary]
N		1	1	S			<i>Eucyrtidium teuscheri orthoporus</i> Caulet, 1986a: 851	I. Middle Miocene-Living
N		1	1	S			<i>Eucyrtidium teuscheri teuscheri</i> Caulet, 1986a: 851	Late Pliocene-Pleistocene
N		0	1	Su			<i>Eucyrtidium tornatum</i> Ehrenberg, 1873a: 312	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium tornatum</i> Ehrenberg, 1873b: 292-293	Holocene
N	nn	0	0	Sp	pre		<i>Eucyrtidium trachelius</i> Ehrenberg, 1861a: 768	
N		0	1	Su			<i>Eucyrtidium trachelius</i> Ehrenberg, 1873a: 312	Holocene



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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	0	Sf	syn		<i>Eucyrtidium trachelius</i> Ehrenberg, 1873b: 292-293	Holocene
N		1	1	S			<i>Eucyrtidium tricameratum</i> Haslett, 1996: 93	e. Early Pleistocene
N		1	1	S		Ts	<i>Eucyrtidium tricinctum</i> Haeckel, 1887: 1494	[Quaternary]
N nd		0	1	Sø			<i>Eucyrtidium tripartitum</i> Seguenza, 1880: 232	Early Pliocene
N nn		0	0	Sp	pre		<i>Eucyrtidium trochus</i> Ehrenberg, 1861a: 768	
N		0	1	Su			<i>Eucyrtidium trochus</i> Ehrenberg, 1873a: 312	Holocene
N		1	0	Sf	syn	Ts	<i>Eucyrtidium trochus</i> Ehrenberg, 1873b: 292-293	Holocene
N		1	0	Sf			<i>Eucyrtidium tubulus</i> Ehrenberg, 1854d	I. Middle Eocene
N		0	1	Sd	syn		<i>Lithopera tubulus</i> Haeckel, 1862: 300	
N		1	1	S			<i>Eucyrtidium tumidulum</i> Bailey, 1856: 5	Living
N nn		0	0	Sp	pre		<i>Eucyrtidium turgidulum</i> Ehrenberg, 1861b: 823	
N		0	1	Su			<i>Eucyrtidium turgidulum</i> Ehrenberg, 1873a: 312	Holocene
N		1	0	Sf	syn	T	<i>Eucyrtidium turgidulum</i> Ehrenberg, 1873b: 292-293	Holocene
N nn		0	0	Sø			<i>Eucyrtidium turgidum</i> Ehrenberg, 1861a: 768	Holocene
N		1	1	S			<i>Eucyrtidium typus</i> Vinassa de Regny, 1900: 587	I. Early Miocene
N		1	1	S			<i>Eucyrtidium urceolatum</i> Chen & Tan, 1989: 9	Holocene
N nn		0	0	Sø			<i>Eucyrtidium urceus</i> Ehrenberg, 1861a: 768	Holocene
N		1	1	S			<i>Eucyrtidium ventriosum</i> O'Connor, 1999: 21	Late Eocene
N		0	1	Su			<i>Eucyrtidium versipellis</i> Ehrenberg, 1874b: 233	I. Middle Eocene
N		1	0	Sf	syn		<i>Eucyrtidium versipellis</i> Ehrenberg, 1876: 72-73	I. Middle Eocene
N		1	1	S			<i>Eucyrtidium yatsuoense</i> Nakaseko, 1955: 110	I. Early Miocene
N		1	1	S			<i>Eucyrtidium yatsuoense</i> α Nakaseko, 1955: 111	I. Early Miocene
N		0	1	Su			<i>Eucyrtidium zancaeum</i> Müller, 1855b: 672	Living
N		1	0	Sf	syn	Ts	<i>Eucyrtidium zancaeum</i> Müller, 1859b: 41	Living
N		0	1	Su			<i>Eucyrtidium zanguebarica</i> Ehrenberg, 1873a: 312	Holocene
N		1	0	Sf	syn		<i>Eucyrtidium zanguebaricum</i> Ehrenberg, 1873b: 292-293	Holocene
N		1	1	S			<i>Eurystomoskevos cauleti</i> O'Connor, 1999: 22	Late Eocene
N		1	1	S		T	<i>Eurystomoskevos petrushkevskayae</i> Caulet, 1991: 536	Eocene-Oligocene
N		1	1	S			<i>Euscenarium funakawai</i> Renaudie & Lazarus, 2016: 40	e. Early Miocene-e. Middle Miocene
N		1	1	S			<i>Euscenarium microcapitalium</i> Funakawa, 1995b: 216	Late Oligocene
N nd		0	1	Sø			<i>Euscenium archicyrtis</i> Haeckel, 1887: 1146	[Quaternary]
N		0	1	Su			<i>Euscenium corynephorum</i> Jørgensen, 1900: 77	Living
N		1	0	Sf	syn		<i>Euscenium corynephorum</i> Jørgensen, 1905: 133	Living
N nd		0	1	Sø		Td	<i>Euscenium furcatum</i> Haeckel, 1887: 1147	[Quaternary]
N nd		0	1	Sø			<i>Euscenium hemisphaericum</i> Haeckel, 1887: 1147	[Quaternary]
N		1	1	S		Ts	<i>Euscenium plectaniscus</i> Haeckel, 1887: 1146	[Quaternary]
N nn		1	0	S			<i>Euscenium pulchrum</i> Enriques in Bertolini, 1937	Living
N nd		0	1	Sø			<i>Euscenium quadratum</i> Haeckel, 1887: 1148	Living
N nd		0	1	Sø			<i>Euscenium ramosum</i> Haeckel, 1887: 1148	[Quaternary]
N		1	1	S			<i>Euscenium sagittarium</i> Chen et al., 2017: 277	Late Pleistocene
N		1	1	S		Ts	<i>Euscenium tricolum</i> Haeckel, 1887: 1147	[Quaternary]
N nd		1	1	S			<i>Euscenium triplospyris</i> Haeckel, 1887: 1147	[Quaternary]
N		1	1	S			<i>Eusyringium (Eusyringartus) vincentense</i> Campbell & Clark, 1944: 57	e. Late Miocene
N		1	1	S			<i>Eusyringium (Eusyringoma) nipponicum</i> Nakaseko, 1955: 114	I. Early Miocene
N		1	1	S			<i>Eusyringium (Eusyringoma) royi</i> Middour in Frizzell & Middour, 1951: 35	Late Paleocene
N		1	1	S			<i>Eusyringium (Eusyringoma) yatsuoense</i> Nakaseko, 1955: 115	I. Early Miocene
N		1	1	S			<i>Eusyringium cannostoma</i> Haeckel, 1887: 1499	[Quaternary]
N		1	1	S		T	<i>Eusyringium conosiphon</i> Haeckel, 1887: 1496	[Early Miocene]
N		1	1	S			<i>Eusyringium curvispina</i> Principi, 1909: 18	Middle Miocene
N		1	1	S			<i>Eusyringium haeckelianum</i> Vinassa de Regny, 1900: 587	I. Early Miocene
N		1	1	S			<i>Eusyringium isozakiense</i> Nakaseko, 1963: 194	I. Middle Miocene
N		1	1	S			<i>Eusyringium japonicum</i> Nakaseko, 1963: 193	I. Middle Miocene
N nd		0	1	Sø			<i>Eusyringium leptosiphon</i> Haeckel, 1887: 1497	[Quaternary]
N		1	1	S			<i>Eusyringium macrosiphon</i> Haeckel, 1887: 1497	[Quaternary]
N		1	1	S			<i>Eusyringium marianii</i> Vinassa de Regny, 1900: 587	I. Early Miocene
N		1	1	S			<i>Eusyringium octameres</i> Haecker, 1907: 125	Living
N		1	1	S			<i>Eusyringium oligoporum</i> Vinassa de Regny, 1900: 587	I. Early Miocene
N		1	1	S			<i>Eusyringium pachysiphon</i> Haeckel, 1887: 1496	[Quaternary]
N		1	1	S			<i>Eusyringium siphonostoma</i> Haeckel, 1887: 1499	[Quaternary]
N		1	1	S			<i>Eusyringium? woodsidensis</i> Hollis, 1997: 76	Early Paleocene
W nd		0	1	Sø			<i>Eutympanium coronarium</i> Haeckel, 1887: 1014	[Quaternary]
W nd		0	1	Sø			<i>Eutympanium dodecarium</i> Haeckel, 1887: 1014	[Quaternary]
W		1	1	S			<i>Eutympanium militare</i> Haeckel, 1887: 1014	[Quaternary]
W		1	1	S		Te	<i>Eutympanium musicantum</i> Haeckel, 1887: 1013	[Quaternary]
W nd		0	1	Sø			<i>Eutympanium octonarium</i> Haeckel, 1887: 1014	[Early Miocene]
S		1	1	S		T	<i>Excentrococcus annulatus</i> Dumitrica, 1978: 238	Middle Miocene
E nd		0	1	Sø			<i>Excentroconcha major</i> Mast, 1910: 186	Living
E		1	1	S		T	<i>Excentroconcha minor</i> Mast, 1910: 186	Living
S		1	1	S			<i>Excentrodiscus dodo</i> Dumitrica, 2019: 53	Middle Eocene?
S		1	1	S		T	<i>Excentrodiscus echinatus</i> Hollande & Enjmet, 1960: 125	Living

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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Excentrodiscus grigorei</i> Dumitrica, 2019: 54	I. Middle Miocene
S		1	1	S			<i>Excentrodiscus kamikuri</i> Dumitrica, 2019: 53	Middle Eocene?
S		1	1	S			<i>Excentrodiscus lappaceus</i> Renaudie & Lazarus, 2016: 33	e. Middle Miocene
S		1	1	S			<i>Excentrodiscus planangulus</i> Renaudie & Lazarus, 2016: 31	Late Oligocene-Middle Miocene
S		1	1	S		Ts	<i>Excentrosphaerella sphaeroconcha</i> Dumitrica, 1978: 238	e. Middle Miocene-I. Middle Miocene
N	nn	1	0	S		Tn	<i>Fenestracanthia spinulosa</i> Enriques in Bertolini, 1937	Living
S	nn	0	0	Sp	pre		<i>Flustrella bicellulosa</i> Ehrenberg, 1854c: 318	
S	nd	0	1	Sø			<i>Flustrella bicellulosa</i> Ehrenberg, 1859: 34	Holocene
S	nn	0	0	Sp	pre		<i>Flustrella bilobata</i> Ehrenberg, 1842: 266	
S	nd	0	1	Sø			<i>Flustrella bilobata</i> Ehrenberg, 1844a: 81	I. Middle Miocene
S		0	1	Su			<i>Flustrella concentrica</i> Ehrenberg, 1839a: 132	
S		1	0	Sf	syn	T	<i>Flustrella concentrica</i> Ehrenberg, 1854d	I. Middle Eocene
S		1	1	S			<i>Flustrella cyclica</i> Harting, 1863: 11	[Quaternary]
S		0	1	Su			<i>Flustrella? haliomma</i> Ehrenberg, 1862b: 300	Holocene
S		1	0	Sf	syn		<i>Flustrella? haliomma</i> Suzuki <i>et al.</i> , 2009a	Holocene
S		0	1	Su			<i>Flustrella limbata</i> Ehrenberg, 1844a: 81	[Miocene]
S		1	0	Sf	syn		<i>Perichlamyidium limbatum</i> Ehrenberg, 1854d	I. Middle Miocene
S	nd	0	1	Sø			<i>Flustrella macropora</i> Ehrenberg, 1876: 72, 160	Late Eocene
S		1	1	S			<i>Flustrella micromma</i> Harting, 1863: 16	[Quaternary]
S	nn	1	0	S	pre		<i>Flustrella polypora</i> Ehrenberg in Suzuki <i>et al.</i> , 2009a	Holocene
S		0	1	Su			<i>Flustrella praetexta</i> Ehrenberg, 1844a: 81	[Miocene]
S		1	0	Sf	syn	Ts	<i>Perichlamyidium praetextum</i> Ehrenberg, 1854d	I. Middle Miocene
S		0	1	Su			<i>Flustrella spiralis</i> Ehrenberg, 1840: 210	
S		1	0	Sf	syn		<i>Flustrella spiralis</i> Ehrenberg, 1854d	
S	nd	0	1	Sø			<i>Flustrella spiropora</i> Ehrenberg, 1862b: 300	Holocene
S	nn	0	0	Sp	pre		<i>Flustrella subtilis</i> Ehrenberg, 1854a: table	
S		0	1	Su			<i>Flustrella subtilis</i> Ehrenberg, 1854b: 242	Holocene
S		1	0	Sf	syn		<i>Flustrella subtilis</i> Suzuki <i>et al.</i> , 2009a	Holocene
N	nd	0	1	Sø			<i>Gamospyris annulus</i> Haeckel, 1887: 1042	[Early Miocene]
N		1	1	S		Ts	<i>Gamospyris circulus</i> Haeckel, 1887: 1042	[Quaternary]
N		1	1	S		T	<i>Genetrix petrushevskayae</i> Sugiyama, 1994: 5	I. Early Miocene
N		1	1	S			<i>Giraffospyris annulispina</i> Goll, 1969: 331	e. Early Miocene-Late Miocene
N		1	1	S			<i>Giraffospyris circumflexa</i> Goll, 1969: 332	e. Late Miocene-Pliocene
N		1	1	S			<i>Giraffospyris cyrillium</i> Sanfilippo & Riedel, 1973: 528	Early Eocene
N		1	1	S			<i>Giraffospyris lata</i> Goll, 1969: 334	Early Eocene
N		1	1	S			<i>Giraffospyris laterispina</i> Goll, 1969: 334	Late Miocene-Middle Pliocene
N		1	1	S			<i>Giraffospyris praetoxaria</i> Mahapatra & Sharma, 1994: 160	I. Early Miocene
S		1	1	S		T	<i>Globolamnium crassitesta</i> Dumitrica, 2020: 13	I. Middle Eocene
N		1	1	S		T	<i>Gomisterna hospes</i> Sugiyama, 1994: 9	I. Early Miocene
N		1	1	S			<i>Gondwanaria clarae</i> Renaudie & Lazarus, 2012: 45	Early Miocene-Late Miocene
N		1	1	S			<i>Gondwanaria cylindrica</i> Funakawa, 2000: 101	Early Miocene
N		1	1	S			<i>Gondwanaria deflandrei group</i> Petrushevskaya, 1975: 584	Late Oligocene-Holocene
N		1	1	S			<i>Gondwanaria dogieli multiporulosa</i> Petrushevskaya & Kozlova, 1979: 140	e. Early Miocene
N		1	1	S			<i>Gondwanaria hister</i> Petrushevskaya, 1975: 585	Middle Miocene
N		1	1	S			<i>Gondwanaria japonica kiaeri</i> Goll & Björklund, 1989: 732	I. Early Miocene
N		1	1	S			<i>Gondwanaria kiroyensis</i> Funakawa, 2000: 105	I. Early Miocene
N		1	1	S			<i>Gondwanaria nigrinae</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 140	e. Middle Miocene
N		1	1	S			<i>Gondwanaria reschetnjakae paleogenica</i> Petrushevskaya & Kozlova, 1979: 142	Late Eocene-Early Oligocene
E		1	1	S		T	<i>Gonosphaera primordialis</i> Jørgensen, 1905: 49, 52, 132	Living
N		1	1	S			<i>Gorgospyris (Gorgospyrium) cystophora</i> Clark & Campbell, 1942: 60	e. Middle Eocene
N		1	1	S			<i>Gorgospyris (Gorgospyrium) cystophora brevipes</i> Clark & Campbell, 1942: 61	e. Middle Eocene
N		1	1	S			<i>Gorgospyris (Gorgospyrium) cystophora cystophora</i> Clark & Campbell, 1942: 60	e. Middle Eocene
N	nd	1	1	S			<i>Gorgospyris (Gorgospyrium) hemisphaerica</i> Clark & Campbell, 1942: 61	e. Middle Eocene
N	nd	1	1	S			<i>Gorgospyris (Gorgospyrium) hexapodalia</i> Clark & Campbell, 1942: 60	e. Middle Eocene
N		1	1	S			<i>Gorgospyris (Gorgospyrium) lamellipes</i> Clark & Campbell, 1942: 59	e. Middle Eocene
N		1	1	S			<i>Gorgospyris (Thamnosphris?) perplexus</i> Campbell & Clark, 1944: 37	e. Late Miocene
N		1	1	S			<i>Gorgospyris eurycolpos</i> Haeckel, 1887: 1071	[Quaternary]
N	nd	1	1	S			<i>Gorgospyris hemisphaerica sibirica</i> Kozlova in Kozlova & Gorbovetz, 1966: 97	Late Eocene
N		1	1	S			<i>Gorgospyris? infida</i> Kozlova in Kozlova & Gorbovetz, 1966: 98	Late Eocene
N	nd	0	1	Sø			<i>Gorgospyris lamellosa</i> Haeckel, 1887: 1071	[Eocene]
N		1	1	S			<i>Gorgospyris liriopae</i> Haeckel, 1887: 1071	[Quaternary]
N		1	1	S		T	<i>Gorgospyris medusa</i> Haeckel, 1887: 1070	[Quaternary]
N	nd	1	1	S			<i>Gorgospyris medusetta</i> Haeckel, 1887: 1070	[Quaternary]
N		1	1	S			<i>Gorgospyris perizostra</i> Sanfilippo & Riedel in Sanfilippo <i>et al.</i> , 1973: 218	e. Middle Miocene
N		1	1	S			<i>Gorgospyris polypus</i> Haeckel, 1887: 1070	[Quaternary]
N		1	1	S			<i>Gorgospyris quinquespine</i> Goll, 1978: 179	Early Oligocene
N		1	1	S		T	<i>Gorgospyris schizopodia</i> Haeckel, 1887: 1071	[Quaternary]
N	nd	0	1	Sø			<i>Gorgospyris thamnopodia</i> Haeckel, 1887: 1071	Living
S		1	1	S			<i>Haeckeliella hederacia</i> Renaudie & Lazarus, 2016: 31	e. Early Miocene-Late Miocene
S		1	1	S			<i>Haeckeliella inconstans</i> Dumitrica, 1973a: 833	e. Early Pleistocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	0	1	Sø			<i>Hagiastrum bramae</i> Haeckel, 1887: 543	Living
S		1	1	S		Ts	<i>Hagiastrum buddhae</i> Haeckel, 1887: 542	Living
S	nd	0	1	Sø			<i>Hagiastrum christi</i> Haeckel, 1887: 543	Living
S		1	1	S			<i>Hagiastrum ignorabilis</i> Krasheninnikov, 1960: 291	Early Eocene
S	nd	0	1	Sø			<i>Hagiastrum mohammedis</i> Haeckel, 1887: 543	Living
S		1	1	S		Ts	<i>Hagiastrum mosis</i> Haeckel, 1887: 543	Living
N	nd	1	1	S			<i>Halicalyptra ampulla</i> Haeckel, 1887: 1169	[Quaternary]
N	nd	1	1	S			<i>Halicalyptra campanula</i> Haeckel, 1887: 1169	
N	nn	0	0	Sp	pre		<i>Halicalyptra cancellata</i> Ehrenberg, 1854a: table	
N	nd	0	1	Su			<i>Halicalyptra? cancellata</i> Ehrenberg, 1854b: 243	Holocene
N	nd	1	0	Sf	syn	Td	<i>Halicalyptra cancellata</i> Suzuki <i>et al.</i> , 2009a	Holocene
N	nd	0	1	Sø			<i>Halicalyptra castanella</i> Haeckel, 1887: 1170	[Quaternary]
N		1	1	S			<i>Halicalyptra? cornuta</i> Bailey, 1856: 5	Living
W		1	0	Sf			<i>Halicalyptra depressa</i> Ehrenberg, 1854d	I. Early Miocene-I. Middle Miocene
W		0	1	Sd	syn		<i>Halicalyptra depressa</i> Haeckel, 1862: 289	
W	nn	0	1	Sø			<i>Halicalyptra dubia</i> Ehrenberg, 1861a: 768	Holocene
W		1	0	Sf			<i>Halicalyptra fimbriata</i> Ehrenberg, 1854d	I. Middle Eocene
W		0	1	Sd	syn		<i>Halicalyptra fimbriata</i> Haeckel, 1862: 289	
N		0	1	Su			<i>Halicalyptra galea</i> Ehrenberg, 1874b: 234	I. Middle Eocene
N		1	0	Sf	syn		<i>Halicalyptra galea</i> Ehrenberg, 1876: 74-75	I. Middle Eocene
W	nd	0	1	Su			<i>Halicalyptra? hexathyris</i> Ehrenberg, 1862b: 300	Holocene
W		1	0	Sf	syn		<i>Halicalyptra? hexathyris</i> Suzuki <i>et al.</i> , 2009a	Holocene
N	nd	0	1	Sø			<i>Halicalyptra novena</i> Haeckel, 1887: 1169	[Eocene]
N		0	1	Su			<i>Halicalyptra orci</i> Ehrenberg, 1873a: 313	Holocene
N		1	0	Sf	syn		<i>Halicalyptra orci</i> Ehrenberg, 1873b: 292-293	Holocene
N		1	1	S			<i>Halicalyptra petalospyris</i> Haeckel, 1887: 1169	[Quaternary]
N		1	1	S			<i>Halicalyptra setosa</i> Ehrenberg, 1876: 74-75, 160	I. Middle Eocene
W	nd	0	1	Sø		Te	<i>Halicalyptra spinosa</i> Haeckel, 1887: 1170	[Quaternary]
W	nn	0	0	Sø			<i>Halicalyptra? ternata</i> Ehrenberg, 1854a: table	
W		1	0	S		Te	<i>Halicalyptra virginica</i> Ehrenberg, 1854d	I. Early Miocene
S	nd	1	1	S			<i>Halicapsa hystrix</i> Haeckel, 1887: 1191	[Quaternary]
N	nd	1	1	S		Td	<i>Halicapsa lithapium</i> Haeckel, 1887: 1190	[Quaternary]
S	nd	0	1	Sø		Td	<i>Halicapsa papillata</i> Haeckel, 1887: 1190	[Quaternary]
N	nd	0	1	Sø			<i>Halicapsa prunoides</i> Haeckel, 1887: 1190	[Eocene]
S	nd	1	1	S			<i>Halicapsa triglochin</i> Haeckel, 1887: 1190	[Quaternary]
E		1	1	S			<i>Haliomilla nishimurae</i> Dumitrica, 2017: 479	Early Paleocene
S		1	1	S			<i>Haliomma (Haliomilla) subglobosum</i> Nakaseko, 1955: 85	I. Early Miocene
S		1	1	S			<i>Haliomma (Haliomilla) subglobosum</i> α Nakaseko, 1955: 85	I. Early Miocene
S	nd	1	1	S			<i>Haliomma (Haliommantha) minuta</i> Clark & Campbell, 1945: 17	e. Middle Eocene
E		1	1	S			<i>Haliomma acanthophora</i> Popofsky, 1912: 101	Living
S		0	1	Su			<i>Haliomma aequorea</i> Ehrenberg, 1844a: 83	[Miocene]
S		1	0	Sf	syn		<i>Haliomma aequorea</i> Ehrenberg, 1854d	I. Middle Miocene
S		0	1	Su			<i>Monozonium hartingi</i> Haeckel, 1887: 1763	
S		1	0	Sf	syn	Ts	<i>Haliomma amphiaspis</i> Harting, 1863: 15	[Quaternary]
S	nn	0	0	Sp	pre		<i>Haliomma amphidiscus</i> Müller, 1859a: 154	
S		1	1	S			<i>Haliomma amphidiscus</i> Müller, 1859b: 40	Living
S	nd	0	1	Sø			<i>Haliomma? amphisiphon</i> Ehrenberg, 1844c: 267	Middle Miocene?
S	nd	0	1	Sø			<i>Haliomma antarcticum</i> Haeckel, 1887: 238	Living
S		0	1	Su			<i>Haliomma apertum</i> Ehrenberg, 1874b: 234	I. Middle Eocene
S		1	0	Sf	syn		<i>Haliomma apertum</i> Ehrenberg, 1876: 74-75	I. Middle Eocene
S	nn	0	0	Sp	pre		<i>Haliomma apiculatum</i> Ehrenberg, 1861b: 823	
S	nd	0	1	Sø			<i>Haliomma apiculatum</i> Ehrenberg, 1873a: 313	Holocene
S	nd	0	1	Sø			<i>Haliomma arachnium</i> Haeckel, 1887: 230	Living
S	nn	0	0	Sp	pre		<i>Haliomma asperum</i> Müller, 1859a: 154	
S	nd	1	1	S			<i>Haliomma asperum</i> Müller, 1859b: 40	Living
S		0	1	Su			<i>Haliomma asteracanthion</i> Haeckel, 1861a: 816	Living
S		1	0	Sf	syn		<i>Actinomma asteracanthion</i> Haeckel, 1862: 441	Living
S		1	1	S			<i>Haliomma asteroeides</i> Chen <i>et al.</i> , 2017: 272	Late Pleistocene
S	nn	0	0	Sp	pre		<i>Haliomma beroes</i> Ehrenberg, 1854a: table	
S		0	1	Su			<i>Haliomma beroes</i> Ehrenberg, 1854b: 242	Holocene
S		1	0	Sf	syn	Ts	<i>Haliomma beroes</i> Ehrenberg, 1854d	Holocene
S	nd	0	1	Sø			<i>Haliomma boreale</i> Haeckel, 1887: 237	[Quaternary]
S		1	1	S			<i>Haliomma campbelli</i> Gorbunov, 1979: 102	Late Eocene
S	nd	0	1	Sø			<i>Haliomma capense</i> Haeckel, 1887: 235	Living
E		0	1	Su			<i>Haliomma capillaceum</i> Haeckel, 1861a: 814	Living
E		1	0	Sf	syn	T	<i>Haliomma capillaceum</i> Haeckel, 1862: 426	Living
S		0	1	Su			<i>Haliomma castanea</i> Haeckel, 1861a: 815	Living
S		1	0	Sf	syn	T	<i>Haliomma castanea</i> Haeckel, 1862: 428	Living
S	nd	1	1	S			<i>Haliomma? cenosphaera</i> Ehrenberg, 1876: 74-75	Late Eocene
S	nn	1	0	S			<i>Haliomma centripeta</i> Ehrenberg in Suzuki <i>et al.</i> , 2009a	Holocene



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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	1	1	S		Td	<i>Haliomma circumtextum</i> Haeckel, 1887: 233	[Quaternary]
S	nd	0	1	Sø			<i>Haliomma clavatum</i> Haeckel, 1887: 239	[Quaternary]
S		1	1	S			<i>Haliomma compactum</i> Haeckel, 1887: 239	[Quaternary]
S	nn	0	0	Sø			<i>Haliomma concentricum</i> Ehrenberg, 1873b: 294-295	Holocene
S	nn	0	0	Sø			<i>Haliomma constrictum</i> Ehrenberg, 1861a: 768	Holocene
S		0	1	Su			<i>Haliomma contiguum</i> Ehrenberg, 1874b: 234	I. Middle Eocene
S		1	0	Sf	syn		<i>Haliomma contiguum</i> Ehrenberg, 1876: 74-75	I. Middle Eocene
S	nn	0	0	Sø			<i>Haliomma cornutum</i> Ehrenberg, 1844a: 64	[Miocene]
S		0	1	Su			<i>Haliomma crenatum</i> Ehrenberg, 1839a: 130	I. Middle Miocene
S		1	0	Sf	syn		<i>Haliomma crenatum</i> Ehrenberg, 1854d	I. Middle Miocene
E		1	1	S			<i>Haliomma cruciatum</i> Mast, 1910: 163	Living
S	nd	0	1	Sø			<i>Haliomma darwini</i> Dreyer, 1889: 52	[Quaternary]
S	nd	0	1	Sø			<i>Haliomma datura</i> Haeckel, 1887: 232	Living
S	nd	0	1	Sø			<i>Haliomma denticulatum</i> Haeckel, 1887: 235	[Quaternary]
S		0	1	Su			<i>Haliomma didymocyrtis</i> Haeckel, 1861a: 816	Living
S		1	0	Sf	syn	T	<i>Didymocyrtis ceratospyrus</i> Haeckel, 1862: 445	Living
S		0	1	Su			<i>Haliomma didymum</i> Ehrenberg, 1844a: 83	[Miocene]
S		1	0	Sf	syn		<i>Haliomma didymum</i> Suzuki et al., 2009a	I. Middle Miocene
S		0	1	Su			<i>Haliomma dixyphos</i> Ehrenberg, 1844a: 83	[Miocene]
S		1	0	Sf	syn		<i>Haliomma dixyphos</i> Ehrenberg, 1854d	I. Middle Miocene
S		0	1	Su			<i>Haliomma drymodes</i> Haeckel, 1861a: 816	Living
S		1	0	Sf	syn		<i>Actinomma drymodes</i> Haeckel, 1862: 442	Living
S	nd	0	1	Sø			<i>Haliomma duodecinum</i> Haeckel, 1887: 233	[Quaternary]
S		0	1	Su			<i>Haliomma echinaster</i> Haeckel, 1861a: 814	Living
S		1	0	Sf	syn		<i>Haliomma echinaster</i> Haeckel, 1862: 429, 555	Living
S		0	1	Su			<i>Haliomma echinatum</i> Ehrenberg, 1874b: 234	I. Middle Eocene
S		1	0	Sf	syn		<i>Haliomma echinatum</i> Ehrenberg, 1876: 74-75	I. Middle Eocene
S		0	1	Su			<i>Haliomma echinoides</i> Müller, 1856: 489	Living
S		1	0	Sf	syn		<i>Haliomma echinoides</i> Müller, 1859b: 36	Living
S	nd	1	1	S			<i>Haliomma echinosphaera</i> Cleve, 1900b: 7	Living
S	nd	1	1	S		Td	<i>Haliomma ellipticum</i> Stöhr, 1880: 88	[e. Late Miocene]
S	nn	0	0	Sø			<i>Haliomma ellypticum</i> Stöhr, 1878: 515	[e. Late Miocene]
S	nd	0	1	Sø			<i>Haliomma enneaxiphos</i> Haeckel, 1887: 234	Living
S		0	1	Su			<i>Haliomma entactinia</i> Ehrenberg, 1874b: 235	I. Middle Eocene
S		1	0	Sf	syn		<i>Haliomma entactinia</i> Ehrenberg, 1876: 74-75	I. Middle Eocene
S	nd	1	1	S			<i>Haliomma erbessinum</i> Stöhr, 1880: 87	[e. Late Miocene]
E		0	1	Su			<i>Haliomma erinaceum</i> Haeckel, 1861a: 814	Living
E		1	0	Sf	syn		<i>Haliomma erinaceum</i> Haeckel, 1862: 427, 554	Living
S		1	1	S			<i>Haliomma? extima</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 93	Early Oligocene
S	nd	0	1	Sø			<i>Haliomma favosum</i> Haeckel, 1887: 231	Living
S	nn	0	0	Sp	pre		<i>Haliomma</i> sp. cf. <i>H. glisifra</i> Renz, 1974: 793	
S		1	1	S			<i>Haliomma glisifra</i> Renz, 1976: 102	Living
S		1	1	S			<i>Haliomma gracile</i> Harting, 1863: 10	[Quaternary]
S	nd	0	1	Sø			<i>Haliomma grande</i> Haeckel, 1887: 235	[Quaternary]
S		0	1	Su			<i>Haliomma helianthus</i> Ehrenberg, 1874b: 235	I. Middle Eocene
S		1	0	Sf	syn		<i>Haliomma helianthus</i> Ehrenberg, 1876: 74-75	I. Middle Eocene
S		0	1	Su			<i>Haliomma hexacanthum</i> Müller, 1855b: 671	Living
S		1	0	Sf	syn		<i>Haliomma hexacanthum</i> Müller, 1859b: 35	Living
S	nd	0	1	Sø			<i>Haliomma hexagonium</i> Haeckel, 1887: 230	Living
S	nn	0	0	Sp	pre		<i>Haliomma hexagonum</i> Ehrenberg, 1854a: table	
S		0	1	Su			<i>Haliomma hexagonum</i> Ehrenberg, 1854b: 243	Holocene
S		1	0	Sf	syn	Ts	<i>Haliomma hexagonum</i> Ehrenberg, 1854d	Holocene
S	nd	1	1	S			<i>Haliomma horridum</i> Stöhr, 1880: 87	[e. Late Miocene]
S		1	1	S			<i>Haliomma humboldti</i> Ehrenberg, 1847: 55	I. Middle Eocene
W		0	1	Su			<i>Haliomma hystrix</i> Müller, 1856: 489	Living
S	hom	1	1	S			<i>Haliomma hystrix</i> Dreyer, 1890: 9	e. Middle Miocene
W		1	0	Sf	syn		<i>Haliomma hystrix</i> Müller, 1859b: 37	Living
S		1	1	S			<i>Haliomma? immensa</i> Kozlova in Petrushevskaya & Kozlova, 1979: 91	Late Eocene-Early Oligocene
S		0	1	Su			<i>Haliomma inerme</i> Haeckel, 1861a: 815	Living
S		1	0	Sf	syn	Ts	<i>Actinomma inerme</i> Haeckel, 1862: 440	Living
S	nd hom	1	1	S			<i>Haliomma inermis</i> Harting, 1863: 15	[Quaternary]
S	nn hom	0	0	Sø			<i>Haliomma inermis</i> Pantanelli & De Stefani, 1879: 60	Late Miocene
S	nd	1	1	S			<i>Haliomma infundibuliforme</i> Stöhr, 1880: 87	[e. Late Miocene]
E		1	1	S			<i>Haliomma irregulare</i> Cleve, 1900b: 8	Living
S	nd	1	1	S			<i>Haliomma laeve</i> Vinassa de Regny, 1900: 572	I. Early Miocene
S	nd	0	1	Su			<i>Haliomma lagona</i> Ehrenberg, 1840: 200	[Miocene]
S	nd	1	0	Sf	syn	Td	<i>Rhopalastrum lagenosum</i> Ehrenberg, 1854d	I. Middle Miocene
S	nd	1	1	S			<i>Haliomma lens</i> Harting, 1863: 11	[Quaternary]
S	nd	0	1	Sø			<i>Haliomma ligurinum</i> Müller, 1856: 488	Living
S	nd	1	1	S			<i>Haliomma lirianthus</i> Haeckel, 1887: 232	[Quaternary]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		0	1	Su			<i>Haliomma longispinum</i> Müller, 1856: 491	Living
S		1	0	Sf	syn		<i>Haliomma longispinum</i> Müller, 1859b: 39	Living
S		1	1	S		T	<i>Haliomma macrodoras</i> Haeckel, 1887: 238	Living
S	nd	1	1	S			<i>Haliomma magneporatum</i> Vinassa de Regny, 1900: 572	I. Early Miocene
S	nn	0	0	Sp	pre		<i>Haliomma medusa</i> Ehrenberg, 1839a: 130	
S		0	1	Su			<i>Haliomma medusa</i> Ehrenberg, 1844a: 83	I. Middle Eocene
S		1	0	Sf	syn	T	<i>Haliomma medusa</i> Ehrenberg, 1854d	I. Middle Eocene
S	nd	0	1	Sø			<i>Haliomma megaporum</i> Ehrenberg, 1873a: 313	Holocene
S	nd	0	1	Sø			<i>Haliomma melitomma</i> Haeckel, 1887: 231	[Quaternary]
S	nd	1	1	S			<i>Haliomma minutum</i> Mast, 1910: 163	Living
S	nd	1	1	S			<i>Haliomma modestum</i> Stöhr, 1880: 86	[e. Late Miocene]
S	nd	1	1	S			<i>Haliomma modestum</i> var. <i>radiatum</i> Lucchese, 1927: 89	e. Middle Miocene
S	nd	0	1	Sø			<i>Haliomma mucronata</i> Seguenza, 1880: 230	Early Pliocene
S	nd	1	1	S			<i>Haliomma nitidum</i> Harting, 1863: 10	[Quaternary]
S	nd	0	1	Su			<i>Haliomma? nobile</i> Ehrenberg, 1844c: 268	I. Middle Eocene
S	nd	1	0	Sf	syn		<i>Haliomma nobile</i> Ehrenberg, 1876: 74-75	I. Middle Eocene
S	nn	0	0	Sp	pre		<i>Haliomma oblongum</i> Ehrenberg, 1847: 43	
S	nd	1	1	S			<i>Haliomma oblongum</i> Harting, 1863: 15	[Quaternary]
S		0	1	Su			<i>Haliomma octacanthum</i> Ehrenberg, 1873a: 313	Holocene
S		1	0	Sf	syn		<i>Haliomma octacantha</i> Ehrenberg, 1873b: 294-295	Holocene
S		0	1	Su			<i>Haliomma oculatum</i> Ehrenberg, 1874b: 235	I. Middle Eocene
S		1	0	Sf	syn		<i>Haliomma oculatum</i> Ehrenberg, 1876: 74-75	I. Middle Eocene
S	nn	0	0	Sø			<i>Haliomma? ornatum</i> Ehrenberg, 1854d: 165	
S	nn	0	0	Sø			<i>Haliomma ornatum</i> Ehrenberg, 1873b: 294-295	e. Middle Miocene
S	nd	0	1	Su			<i>Haliomma ovatum</i> Ehrenberg, 1840: 200	
S	nd	1	0	Sf	syn		<i>Haliomma ovatum</i> Ehrenberg, 1854d	
S	nd	1	0	S			<i>Haliomma ovatum</i> β Ehrenberg, 1854d	Late Eocene
S	nd	1	0	S			<i>Haliomma ovatum</i> α Ehrenberg, 1854d	Late Eocene
S	nd	0	1	Sø			<i>Haliomma patagonicum</i> Haeckel, 1887: 239	Living
S	nd	0	1	Sø			<i>Haliomma permagnum</i> Haeckel, 1887: 239	Living
S		0	1	Su			<i>Haliomma perspicuum</i> Ehrenberg, 1874b: 236	I. Middle Eocene
S		1	0	Sf	syn	Ts	<i>Haliomma perspicuum</i> Ehrenberg, 1876: 74-75	I. Middle Eocene
S		0	1	Su			<i>Haliomma phacodiscus</i> Haeckel, 1861a: 815	Living
S		1	0	Sf	syn	T	<i>Heliodiscus phacodiscus</i> Haeckel, 1862: 437, 549	Living
W		0	1	Su			<i>Haliomma polyacanthum</i> Müller, 1855b: 671	Living
W		1	0	Sf	syn		<i>Haliomma polyacanthum</i> Müller, 1859b: 36	Living
S	nd hom	1	1	S			<i>Haliomma pyriforme</i> Harting, 1863: 11	[Quaternary]
S		1	0	Sf			<i>Haliomma? pyriformis</i> Bailey, 1856	Living
S		0	1	Sd	syn		<i>Haliomma? pyriformis</i> Itaki & Björklund, 2007: 456	Holocene
S	nn	0	0	Sp	pre		<i>Haliomma quadruplex</i> Ehrenberg, 1854a: table	
S		0	1	Su			<i>Haliomma quadruplex</i> Ehrenberg, 1854b: 243	Holocene
S		1	0	Sf	syn	Ts	<i>Haliomma quadruplex</i> Suzuki <i>et al.</i> , 2009a	Holocene
W		0	1	Su			<i>Haliomma? radians</i> Ehrenberg, 1839b: 154	[Miocene]
W		1	0	Sf	syn	Te	<i>Haliomma radians</i> Ehrenberg, 1854d	[Miocene]
W		0	1	Su			<i>Haliomma radiatum</i> Ehrenberg, 1844b: 193	Holocene?
W		1	0	Sf	syn		<i>Haliomma radiatum</i> Ehrenberg, 1854d	[Miocene]
N		0	1	Su			<i>Haliomma? radicum</i> Ehrenberg, 1844a: 83	[Miocene]
N		1	0	Sf	syn	T	<i>Ceratospyrus radicata</i> Ehrenberg, 1854d	I. Middle Miocene
S	nd	0	1	Sø			<i>Haliomma regulare</i> Haeckel, 1887: 231	[Quaternary]
S		1	1	S			<i>Haliomma rhodococcus</i> Haeckel, 1887: 237	[Quaternary]
S		1	1	S			<i>Haliomma rosula</i> Kozlova in Petrushevskaya & Kozlova, 1979: 91	Late Eocene
N	nd	1	1	S			<i>Haliomma scutum</i> Harting, 1863: 11	[Quaternary]
S	nd	1	1	S			<i>Haliomma serratipora</i> Principi, 1909: 9	Middle Miocene
S		1	1	S			<i>Haliomma sexaculeatum</i> Stöhr, 1880: 87	[e. Late Miocene]
S	nd	0	1	Sø			<i>Haliomma simplex</i> Mast, 1910: 163	Living
S		0	1	Su			<i>Haliomma sol</i> Ehrenberg, 1840: 200	[Miocene]
S		1	0	Sf	syn		<i>Haliomma sol</i> Ehrenberg, 1854d	I. Middle Eocene
S	nd	0	1	Sø			<i>Haliomma solare</i> Mast, 1910: 162	Living
S	nd	0	1	Su			<i>Haliomma spinulosum</i> Müller, 1856: 492	Living
S	nd	1	0	Sf	syn		<i>Haliomma spinulosum</i> Müller, 1859b: 39	Living
S	nd	0	1	Su			<i>Haliomma subtile</i> Ehrenberg, 1859: 34	Holocene
S	nd	1	0	Sf	syn		<i>Haliomma subtile</i> Ehrenberg, 1873b: 294-295	Holocene
W		0	1	Su			<i>Haliomma tabulatum</i> Müller, 1856: 490	Living
W		1	0	Sf	syn		<i>Haliomma tabulatum</i> Müller, 1859b: 37	Living
S	nd	0	1	Sø			<i>Haliomma tenellum</i> Haeckel, 1862: 428	Living
S		0	1	Su			<i>Haliomma tenuispinum</i> Müller, 1856: 491	Living
S		1	0	Sf	syn		<i>Haliomma tenuispinum</i> Müller, 1859b: 39	Living
S		0	1	Su			<i>Haliomma tetracanthum</i> Ehrenberg, 1873a: 313	Holocene
S		1	0	Sf	syn		<i>Haliomma tetracantha</i> Ehrenberg, 1873b: 294-295	Holocene
S	nd	1	1	S			<i>Haliomma tetraculeatum</i> Lucchese, 1927: 90	e. Middle Miocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Haliomma teuria</i> Hollis, 1997: 36	Early Paleocene
S	nn	0	0	Sø			<i>Haliomma triactinum</i> Ehrenberg, 1874b: 259	
S	nn	0	0	Sp	pre		<i>Haliomma triactis</i> Ehrenberg, 1873b: 294-295	
S		0	1	Su			<i>Haliomma triactis</i> Ehrenberg, 1874b: 236	I. Middle Eocene
S		1	0	Sf	syn		<i>Haliomma triactis</i> Ehrenberg, 1876: 74-75	I. Middle Eocene
S		0	1	Su			<i>Haliomma trinacrium</i> Haeckel, 1861a: 815	Living
S		1	0	Sf	syn	T	<i>Actinomma trinacrium</i> Haeckel, 1862: 441	Living
S	nn	0	0	Sp	pre		<i>Haliomma triplex</i> Ehrenberg, 1854a: table	
S	nd	0	1	Su			<i>Haliomma triplex</i> Ehrenberg, 1854b: 243	Holocene
S	nd	1	0	Sf	syn		<i>Haliomma triplex</i> Ehrenberg, 1854d	Holocene
S		0	1	Su			<i>Haliomma umbonatum</i> Ehrenberg, 1874b: 236	I. Middle Eocene
S		1	0	Sf	syn		<i>Haliomma umbonatum</i> Ehrenberg, 1876: 74-75	I. Middle Eocene
S	nd	0	1	Su			<i>Haliomma ursinum</i> Ehrenberg, 1873a: 314	Holocene
S	nd	1	0	Sf	syn		<i>Haliomma? ursinum</i> Ehrenberg, 1874a: 443	Holocene
E		1	1	S			<i>Haliomma wyvillei</i> Haeckel, 1878: 44	
S	nn	0	0	Sø			<i>Haliomma? xanthidium</i> Ehrenberg, 1873b: 214, 294-295	Living
S	nn	0	0	Sø			<i>Haliphormis calva</i> Ehrenberg, 1854a: table	
N	nd	0	1	Sø			<i>Haliphormis costata</i> Haeckel, 1887: 1167	[Quaternary]
S		0	1	Su			<i>Haliphormis hexacanthus</i> Ehrenberg, 1873a: 314	Holocene
S		1	0	Sf	syn	T	<i>Haliphormis hexacantha</i> Ehrenberg, 1873b: 294-295	Holocene
N		1	1	S		T Th	<i>Haliphormis lagena</i> Haeckel, 1887: 1167	[Quaternary]
S	nn	0	0	Sp	pre		<i>Haliphormis setosa</i> Ehrenberg, 1854a: table	
S	nd	0	1	Sø			<i>Haliphormis setosa</i> Ehrenberg, 1854b: 244	Holocene
S		1	1	S		T	<i>Haplosphaera sphaerica</i> Hollande & Enjume, 1960: 114	Living
W		1	1	S		Te	<i>Hataina ovata</i> Huang, 1967: 178	Pliocene
S		1	1	S		T Th	<i>Heliaster hexagonium</i> Hollande & Enjume, 1960: 92	Living
S		1	1	S		Ts	<i>Heliocladus furcatus</i> Haeckel, 1879: 705	Living
S		1	1	S			<i>Heliodiscus (Heliodiscetta) heliasteriscus</i> Clark & Campbell, 1942: 39	e. Middle Eocene
S		1	1	S			<i>Heliodiscus (Heliodiscetta) hexasteriscus</i> Clark & Campbell, 1942: 40	e. Middle Eocene
S		1	1	S			<i>Heliodiscus (Heliodiscetta) inca</i> Clark & Campbell, 1942: 38	e. Middle Eocene
S	nd	1	1	S			<i>Heliodiscus (Heliodiscetta) linckiaformis</i> Clark & Campbell, 1942: 40	e. Middle Eocene
S		1	1	S			<i>Heliodiscus (Heliodiscetta) pentasteriscus</i> Clark & Campbell, 1942: 39	e. Middle Eocene
S		1	1	S			<i>Heliodiscus (Heliodiscetta) quadratus</i> Clark & Campbell, 1942: 38	e. Middle Eocene
S	nd	1	1	S			<i>Heliodiscus (Heliodiscetta) charlestonensis</i> Clark & Campbell, 1945: 23	e. Middle Eocene
S		1	1	S			<i>Heliodiscus (Heliodiscetta) perplexus</i> Clark & Campbell, 1942: 40	e. Middle Eocene
S		1	1	S			<i>Heliodiscus (Heliodiscetta) saturnalis</i> Clark & Campbell, 1942: 41	e. Middle Eocene
S	nd	0	1	Sø		Td	<i>Heliodiscus apollinis</i> Haeckel, 1887: 450	Living
S		1	1	S			<i>Heliodiscus asteriscoides</i> Haeckel, 1907: 115, 122	Living
S		1	1	S		Ts	<i>Heliodiscus asteriscus</i> Haeckel, 1887: 445	Living
S		1	1	S			<i>Heliodiscus bipolaris</i> Dumitrica, 2019: 52	Late Miocene
S		1	1	S		Ts	<i>Heliodiscus cingillum</i> Haeckel, 1887: 448	[Quaternary]
S		1	1	S			<i>Heliodiscus cingillum</i> var. <i>brevispina</i> Lucchese, 1927: 95	e. Middle Miocene
S		1	1	S			<i>Heliodiscus echiniscus</i> Haeckel, 1887: 448	[Quaternary]
S		1	1	S			<i>Heliodiscus glyphodon</i> Haeckel, 1887: 446	[Quaternary]
S		1	1	S			<i>Heliodiscus grottensis</i> Stöhr, 1880: 89	[e. Late Miocene]
S		1	1	S			<i>Heliodiscus lentis</i> Lipman in Lipman <i>et al.</i> , 1960: 83	Late Eocene
S	nd	1	1	S			<i>Heliodiscus marginatus</i> Haeckel, 1887: 449	[Quaternary]
S	nd	1	1	S			<i>Heliodiscus ninae</i> Lipman, 1950: 58	Late Eocene
S		1	1	S			<i>Heliodiscus pertusus</i> Haeckel, 1887: 448	[Quaternary]
S	nd	0	1	Sø			<i>Heliodiscus pliocenicus</i> Seguenza, 1880: 230	Early Pliocene
S	nd	1	1	S			<i>Heliodiscus polymorphus</i> Haeckel, 1887: 447	[Quaternary]
S		1	1	S			<i>Heliodiscus riedeli</i> Dumitrica, 2019: 52	I. Middle Miocene
S		1	1	S			<i>Heliodiscus siculus</i> Stöhr, 1880: 89	[e. Late Miocene]
S		1	1	S			<i>Heliodiscus solaster</i> Haeckel, 1887: 447	Living
S	nd	0	1	Sø			<i>Heliodiscus sulcatus</i> Haeckel, 1887: 449	Living
S	nd	0	1	Sø			<i>Heliodiscus trigonodon</i> Haeckel, 1887: 445	[Quaternary]
S	nd	1	1	S			<i>Heliodiscus trochiscus</i> Haeckel, 1887: 445	Living
S		1	1	S			<i>Heliodiscus tunicatus</i> O'Connor, 1997a: 67	Early Oligocene
S	nd	0	1	Sø			<i>Heliodiscus zoroaster</i> Haeckel, 1887: 450	Living
S		1	1	S			<i>Heliodrymus dendrocyclus</i> Haeckel, 1887: 451	Living
S	nd	0	1	Sø			<i>Heliodrymus furcatus</i> Haeckel, 1887: 451	Living
S		1	1	S		Ts	<i>Heliodrymus ramosus</i> Haeckel, 1887: 452	Living
S	nd	0	1	Sø			<i>Heliodrymus setosus</i> Haeckel, 1887: 452	Living
S		1	1	S			<i>Heliodrymus viminalis</i> Haeckel, 1887: 452	Living
S		1	1	S		T	<i>Helioferrusa hollandi</i> Dumitrica, 2019: 53	I. Middle Miocene
S	nd	0	1	Sø			<i>Heliosestrum aegineta</i> Haeckel, 1887: 440	Living
S		1	1	S			<i>Heliosestrum craspedotum</i> Haeckel, 1887: 441	[Living]
S	nd	0	1	Sø			<i>Heliosestrum irregulare</i> Haeckel, 1887: 440	[Quaternary]
S	nd	0	1	Sø			<i>Heliosestrum liriopae</i> Haeckel, 1887: 439	Living
S		1	1	S		T	<i>Heliosestrum medusinum</i> Haeckel, 1887: 438	[Quaternary]



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	0	1	Sø		Td	<i>Heliosestrum octangulum</i> Haeckel, 1887: 441	[Early Miocene]
S	nd	0	1	Sø			<i>Heliosestrum octastrum</i> Haeckel, 1887: 438	[Quaternary]
S	nd	0	1	Sø			<i>Heliosestrum octogonium</i> Haeckel, 1887: 441	[Quaternary]
S		1	1	S		Ts	<i>Heliosestrum octonum</i> Haeckel, 1887: 440	Living
S	nd	0	1	Sø			<i>Heliosestrum quadrigeminum</i> Haeckel, 1887: 439	[Quaternary]
S	nd	1	1	S			<i>Heliosestrum solarium</i> Haeckel, 1887: 439	
S	nd	1	1	S			<i>Heliosoma (Heliosomantha) alveolatum</i> Campbell & Clark, 1944: 17	e. Late Miocene
S		1	1	S			<i>Heliosoma (Heliosomantha) mirabile</i> Clark & Campbell, 1945: 18	e. Middle Eocene
S	nd	1	1	S			<i>Heliosoma aculeatum</i> Mast, 1910: 165	Living
S		1	1	S			<i>Heliosoma centroplegma</i> Mast, 1910: 165	Living
S		1	1	S			<i>Heliosoma delicatulum</i> Dogiel in Dogiel & Reshetnyak, 1952: 7	Living
S		1	1	S			<i>Heliosoma dispar</i> Blueford, 1982: 202	Middle Miocene-Late Miocene
S	nd	0	1	Sø			<i>Heliosoma duodecilla</i> Haeckel, 1887: 241	Living
S	nd	0	1	Sø			<i>Heliosoma elegans</i> Haeckel, 1887: 240	Living
S		1	1	S		Ts	<i>Heliosoma hastatum</i> Haeckel, 1887: 241	[Quaternary]
S	nd	0	1	Sø			<i>Heliosoma indicum</i> Haeckel, 1887: 241	Living
S	nd	0	1	Sø			<i>Heliosoma irregulare</i> Mast, 1910: 165	Living
E		1	1	S		T	<i>Heliosoma radians</i> Haeckel, 1887: 240	Living
S	nd	0	1	Sø			<i>Heliosoma tenue</i> Mast, 1910: 166	Living
E		1	1	S			<i>Heliosoma watkinsi</i> Keany, 1979: 52	Early Pliocene-Early Pleistocene
S		1	1	S			<i>Heliosphaera (Heliospharella) miocenica</i> Campbell & Clark, 1944: 16	e. Late Miocene
S		0	1	Su			<i>Heliosphaera actinota</i> Haeckel, 1861a: 803	Living
S		1	0	Sf	syn		<i>Heliosphaera actinota</i> Haeckel, 1862: 352, 543	Living
S	nd	0	1	Sø			<i>Heliosphaera capillacea</i> Haeckel, 1865: 358, 366	Living
S	nd	0	1	Sø			<i>Heliosphaera castanella</i> Haeckel, 1887: 219	Living
S		1	1	S			<i>Heliosphaera coronata</i> Haeckel, 1887: 219	[Quaternary]
S	nd	0	1	Sø			<i>Heliosphaera cristata</i> Haeckel, 1887: 219	[Quaternary]
S		0	1	Su			<i>Heliosphaera echinoides</i> Haeckel, 1861a: 803	Living
S		1	0	Sf	syn	T	<i>Heliosphaera echinoides</i> Haeckel, 1862: 352, 543	Living
S	nd	0	1	Sø			<i>Heliosphaera elector</i> Haeckel, 1887: 220	Living
S	nd	0	1	Su			<i>Heliosphaera elegans</i> Haeckel, 1861a: 803	Living
S	nd	1	0	Sf	syn		<i>Heliosphaera elegans</i> Haeckel, 1862: 353, 544	Living
S	nd	0	1	Sø			<i>Heliosphaera floribunda</i> Haeckel, 1887: 219	[Early Miocene]
S	nd	1	1	S			<i>Heliosphaera? haeckeli</i> Grimm, 1876: 68	Living
S	nd	0	1	Sø			<i>Heliosphaera heteracantha</i> Haeckel, 1887: 220	Living
S		1	1	S			<i>Heliosphaera hexagonaria</i> Haeckel, 1887: 217	[Quaternary]
S	nd	0	1	Sø			<i>Heliosphaera hyperionis</i> Haeckel, 1887: 220	Living
S		0	1	Su			<i>Heliosphaera inermis</i> Haeckel, 1861a: 803	Living
S		1	0	Sf	syn		<i>Heliosphaera inermis</i> Haeckel, 1862: 351, 543	Living
S		1	1	S			<i>Heliosphaera insignis</i> Hertwig, 1879: 168	Living
S	nd	1	1	S			<i>Heliosphaera minuta</i> Cleve, 1900b: 8	Living
S	nd	0	1	Sø			<i>Heliosphaera octacantha</i> Mast, 1910: 157	Living
S		1	1	S			<i>Heliosphaera pectinata</i> Haeckel, 1887: 218	[Quaternary]
S	nd	0	1	Sø		Td	<i>Heliosphaera polygonaria</i> Haeckel, 1887: 220	Living
S	nd	1	1	S			<i>Heliosphaera radiata</i> Popofsky, 1912: 98	Living
S	nd	0	1	Sø			<i>Heliosphaera rudis</i> Seguenza, 1880: 230	Early Pliocene
S	nd	0	1	Sø			<i>Heliosphaera solaris</i> Haeckel, 1887: 221	[Early Miocene]
S	nd	1	1	S			<i>Heliosphaera solida</i> Stöhr, 1880: 86	[e. Late Miocene]
S	nd	0	1	Sø			<i>Heliosphaera tenera</i> Jørgensen, 1900: 55	Living
S	nd	0	1	Su			<i>Heliosphaera tenuissima</i> Haeckel, 1861a: 803	Living
S	nd	1	0	Sf	syn		<i>Heliosphaera tenuissima</i> Haeckel, 1862: 351, 543	Living
N		1	1	S			<i>Helotholus? amplus</i> Popofsky, 1908: 283	Living
N		1	1	S			<i>Helotholus cornutus</i> Brandt in Wetzell, 1936: 55	Late Eocene
N		1	1	S			<i>Helotholus? haysi</i> Lazarus, 1992: 797	Middle Late Miocene-Early Pliocene?
N		1	1	S		Ts	<i>Helotholus histicosa</i> Jørgensen, 1905: 49, 137	Living
N	nd	1	1	S			<i>Helotholus histicosa clausa</i> Popofsky, 1908: 281	Living
N	nd	1	1	S			<i>Helotholus histicosa micropora</i> Popofsky, 1908: 282	Living
N		1	1	S			<i>Helotholus longus</i> Popofsky, 1908: 282	Living
N		1	1	S			<i>Helotholus praevema</i> Weaver, 1983: 677	Early Pliocene
N		1	1	S			<i>Helotholus vema</i> Hays, 1965: 176	Pleistocene
S		1	1	S		Ts	<i>Heteracantha dentata</i> Mast, 1910: 159	Living
S		1	1	S			<i>Heteracantha elegans</i> Mast, 1910: 160	Living
S		1	1	S			<i>Heteracantha fragilis</i> Mast, 1910: 161	Living
S	nd	0	1	Sø			<i>Heteracantha indica</i> Mast, 1910: 161	Living
S		1	1	S			<i>Heteracantha lychnosphaera</i> Mast, 1910: 160	Living
S		1	1	S			<i>Heteracantha racemosa</i> Mast, 1910: 160	Living
S		1	1	S			<i>Heteracantha tenuis</i> Mast, 1910: 160	Living
S	nd	1	1	S			<i>Heteracantha varians</i> Mast, 1910: 161	Living
S		1	1	S			<i>Heterosestrum sexispinatum rotundum</i> Clark & Campbell, 1945: 21	e. Middle Eocene
S		1	1	S		T Th	<i>Heterosoma heptacanthum</i> Mast, 1910: 167	Living

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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	0	1	Sø			<i>Heterosoma polyacanthum</i> Mast, 1910: 167	Living
S		1	1	S			<i>Heterosoma ramosum</i> Mast, 1910: 168	Living
S		1	1	S			<i>Heterosoma ramosum</i> var. <i>simplex</i> Mast, 1910: 168	Living
S	nd	1	1	S			<i>Heterosphaera cromyommoides</i> Mast, 1910: 172	Living
S	nd	0	1	Sø			<i>Heterosphaera dodecastyla</i> Mast, 1910: 171	Living
S	nd	1	1	S			<i>Heterosphaera intermedia</i> Mast, 1910: 172	Living
S	nd	1	1	S		Td Ti	<i>Heterosphaera tenuis</i> Mast, 1910: 171	Living
E		1	1	S		Ts	<i>Heterospongus varians</i> Mast, 1910: 186	Living
S		1	1	S		T	<i>Hexacaryum arborescens</i> Haeckel, 1887: 203	Living
S	nd	1	1	S		Td	<i>Hexacladus pantanellii</i> Vinassa de Regny, 1900: 570	I. Early Miocene
S	nd	0	1	Sø			<i>Hexacontarium clavatum</i> Haeckel, 1887: 200	[Quaternary]
S	nd	0	1	Sø		Td	<i>Hexacontarium dentatum</i> Haeckel, 1887: 200	[Quaternary]
S		1	1	S			<i>Hexacontium (Hexacontella) hootsi</i> Campbell & Clark, 1944: 14	e. Late Miocene
S		1	1	S			<i>Hexacontium (Hexacontosa) nipponicum</i> Nakaseko, 1955: 84	I. Early Miocene
S	nd	0	1	Sø			<i>Hexacontium antarcticum</i> Haeckel, 1887: 197	[Quaternary]
S		1	1	S			<i>Hexacontium arachnoidale</i> Hollande & Enjument, 1960: 110	Living
S		1	1	S			<i>Hexacontium armatum</i> Cleve, 1900b: 9	Living
S	nd	0	1	Sø		Td	<i>Hexacontium axophaenum</i> Haeckel, 1887: 196	[Living]
S		1	1	S			<i>Hexacontium axotrias</i> Haeckel, 1887: 192	Living
S		1	1	S			<i>Hexacontium brachyacantha</i> Dumitrica, 1978: 236	I. Middle Miocene
S		1	1	S			<i>Hexacontium castanetum</i> Tan, 1993: 190	Living
S		1	1	S			<i>Hexacontium circumtextum</i> Haeckel, 1887: 193	[Quaternary]
S		1	1	S			<i>Hexacontium clavigerum</i> Haeckel, 1887: 195	[Quaternary]
S		1	1	S			<i>Hexacontium? cooki</i> Renaudie & Lazarus, 2015: 184	Late Oligocene-Middle Miocene
S		1	1	S			<i>Hexacontium dionysus</i> Kamikuri, 2010: 98	Middle Miocene-Living
S		1	1	S			<i>Hexacontium donicum</i> Sarkisova, 2009: 14	Middle Eocene-Late Eocene?
S		1	1	S			<i>Hexacontium drymodes amplispina</i> Dumitrica, 1978: 237	I. Middle Miocene
S		1	1	S			<i>Hexacontium enthacanthum</i> Jørgensen, 1900: 52	Living
S		1	1	S			<i>Hexacontium enthacanthum heptacantia</i> Jørgensen, 1900: 52	Living
S		1	1	S		T	<i>Hexacontium favosum</i> Haeckel, 1887: 194	[Quaternary]
S		1	1	S			<i>Hexacontium floridum</i> Haeckel, 1887: 195	[Quaternary]
S	nd	0	1	Sø			<i>Hexacontium furcatum</i> Haeckel, 1887: 198	Living
S		1	1	S			<i>Hexacontium giganteum</i> Cortese & Bjørklund, 1998b: 167	Living
S		1	1	S			<i>Hexacontium gladiatum</i> Haeckel, 1887: 198	[Quaternary]
S	nd	0	1	Sø			<i>Hexacontium hexaonicum</i> Haeckel, 1887: 196	[Quaternary]
S	nd	0	1	Sø			<i>Hexacontium hexagonale</i> Haeckel, 1887: 194	Living
S		1	1	S			<i>Hexacontium hostile</i> Cleve, 1900b: 9	Living
S		1	1	S			<i>Hexacontium jørgenseni</i> Kozlova, 1983: 88	Early Paleocene
S		1	1	S			<i>Hexacontium kamtschatikum</i> Vitukhin, 1993: 89	Early Oligocene
S		1	1	S			<i>Hexacontium kuznetsovi</i> Gorbunov, 1979: 99	Late Eocene
S		1	1	S			<i>Hexacontium laevigatum</i> Haeckel, 1887: 193	[Quaternary]
S	nd	0	1	Sø			<i>Hexacontium macracanthum</i> Jørgensen, 1900: 53	Living
S		1	1	S			<i>Hexacontium mellarium</i> Tan & Su, 1982: 144	Holocene
S		1	1	S			<i>Hexacontium minerva</i> Kamikuri, 2010: 97	Middle Miocene?-Pleistocene
S		1	1	S			<i>Hexacontium miocenicum</i> Barwicz-Piskorz, 1978: 230	e. Middle Miocene
S		1	1	S			<i>Hexacontium mirum</i> Mamedov, 1969a: 25	Late Eocene
S		1	1	S			<i>Hexacontium multiporum</i> Vinassa de Regny, 1900: 571	I. Early Miocene
S	nd	0	1	Sø			<i>Hexacontium octahedrum</i> Haeckel, 1887: 193	[Quaternary]
S		0	1	Su			<i>Hexacontium pachydermum</i> Jørgensen, 1900: 53	Living
S		1	0	Sf	syn		<i>Hexacontium pachydermum</i> Jørgensen, 1905: 115	Living
S		1	1	S			<i>Hexacontium pachydermum priscum</i> Kozlova in Petrushevskaia & Kozlova, 1979: 96	Late Eocene-Oligocene
S		1	1	S			<i>Hexacontium palaeocenicum</i> Sanfilippo & Riedel, 1973: 492	Late Paleocene?
S		1	1	S		Ts	<i>Hexacontium papillosum</i> Haeckel, 1887: 197	Living
S		1	1	S			<i>Hexacontium parviakitaensis</i> Kamikuri, 2010: 98	Pliocene
S	nd	0	1	Sø			<i>Hexacontium periplectum</i> Haeckel, 1887: 199	Living
S	nd	0	1	Sø		Td	<i>Hexacontium phaenaxonium</i> Haeckel, 1887: 192	Living
S	nd	0	1	Sø			<i>Hexacontium polygonale</i> Haeckel, 1887: 197	[Quaternary]
S	nd	1	1	S			<i>Hexacontium praepachydermum</i> Kozlova, 1983: 90	Early Paleocene
S		1	1	S			<i>Hexacontium prionacanthum</i> Haeckel, 1887: 195	[Quaternary]
S		1	1	S			<i>Hexacontium quadratum</i> Tan, 1993: 192	Living
S		1	1	S			<i>Hexacontium rariporum</i> Lucchese, 1927: 88	e. Middle Miocene
S		1	1	S			<i>Hexacontium retrospiculum</i> Chen, 1987: 223	Holocene
S		1	1	S			<i>Hexacontium sarmentum</i> Su, 1982: 282	Living
S		1	1	S			<i>Hexacontium sceptrum</i> Haeckel, 1887: 194	Living
S		1	1	S			<i>Hexacontium senticetum</i> Tan & Su, 1982: 145	Holocene
S	nd	0	1	Sø			<i>Hexacontium setosum</i> Haeckel, 1887: 198	[Eocene]
S		1	1	S			<i>Hexacontium subglobosum</i> Kozlova, 1983: 91	Early Paleocene
S		1	1	S			<i>Hexacontium subtile</i> Carnevale, 1908: 14, 42	e. Middle Miocene
S		1	1	S			<i>Hexacontium triaenum</i> Chen & Tan, 1996: 258	Holocene
S	nd	0	1	Sø			<i>Hexacontium triplosphaerium</i> Haeckel, 1887: 193	[Early Miocene]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Hexacantium typanum</i> Tan, 1993: 190	Living
S	nd	0	1	Sø			<i>Hexacromyium arachnoides</i> Haeckel, 1887: 202	[Quaternary]
S		1	1	S			<i>Hexacromyium difficile</i> Vinassa de Regny, 1900: 571	I. Early Miocene
S		1	1	S		T	<i>Hexacromyium elegans</i> Haeckel, 1887: 201	Living
S	nn	1	0	S			<i>Hexacromyium gracile</i> Vinassa de Regny, 1900	I. Early Miocene
S		1	1	S			<i>Hexacromyium octahedrum</i> Haeckel, 1887: 202	[Quaternary]
S	nd	0	1	Sø			<i>Hexacromyium quadrigatum</i> Haeckel, 1887: 201	[Quaternary]
S	nd	1	1	S			<i>Hexacromyium robustum</i> Haecker, 1908: 439	Living
S		1	1	S		Ts	<i>Hexacyclia formosa</i> Tochilina, 1970: 175	Late Eocene
S		1	1	S			<i>Hexadendron bipinnatum</i> Haeckel, 1887: 200	Living
S	nd	0	1	Sø		Td Ti	<i>Hexadendron quadricuspis</i> Haeckel, 1887: 199	[Quaternary]
S		1	1	S			<i>Hexadoras arachnoidale</i> Hollande & Enjume, 1960: 102	Living
S	nd	0	1	Sø		Td	<i>Hexadoras axophaena</i> Haeckel, 1887: 205	[Quaternary]
S		1	1	S		T	<i>Hexadoras borealis</i> Cleve, 1899: 15, 30, 49	Living
S	nd	0	1	Sø			<i>Hexadoras lychnosphaera</i> Haeckel, 1887: 205	[Quaternary]
S	nd	0	1	Sø			<i>Hexadoras octahedrum</i> Haeckel, 1887: 205	[Quaternary]
S		1	1	S		Ts	<i>Hexadoridium streptacanthum</i> Haeckel, 1887: 206	[Quaternary]
S	nd	0	1	Sø			<i>Hexalastrum crinanthum</i> Haeckel, 1887: 559	[Early Miocene]
S		1	1	S		Ts	<i>Hexalastrum orchidaceum</i> Haeckel, 1887: 560	[Quaternary]
S	nd	0	1	Sø		Td	<i>Hexalastrum palmanthum</i> Haeckel, 1887: 559	[Quaternary]
N		1	1	S			<i>Hexaltractus fusiformis</i> Haeckel, 1887: 1394	[Quaternary]
N	nd	0	1	Sø		Td	<i>Hexaltractus sexalatus</i> Haeckel, 1887: 1394	[Quaternary]
N		1	1	S		Ts	<i>Hexalodus dendrophorus</i> Haecker, 1908: 456	Living
S	nd	1	1	S			<i>Hexaloncharium archimedis</i> Vinassa de Regny, 1900: 571	I. Early Miocene
S	nd	0	1	Sø			<i>Hexaloncharium hystricinum</i> Haeckel, 1887: 191	Living
S	nd	0	1	Sø			<i>Hexaloncharium octahedrum</i> Haeckel, 1887: 190	[Quaternary]
S	nd	0	1	Sø		Td	<i>Hexaloncharium philosophicum</i> Haeckel, 1887: 190	[Quaternary]
S	nd	1	1	S			<i>Hexalonche (Hexalonchetta) hystrix</i> Clark & Campbell, 1945: 15	e. Middle Eocene
S	nd	1	1	S			<i>Hexalonche (Hexalonchetta) nortonvillensis</i> Clark & Campbell, 1942: 31	e. Middle Eocene
S	nd	1	1	S			<i>Hexalonche acutispina</i> Vinassa de Regny, 1900: 571	I. Early Miocene
S		1	1	S		T	<i>Hexalonche amphisiphon</i> Haeckel, 1887: 182	Living
S		1	1	S			<i>Hexaloncheanaximandri</i> Haeckel, 1887: 182	[Quaternary]
S		1	1	S			<i>Hexaloncheanaximenis</i> Haeckel, 1887: 183	[Quaternary]
S		1	1	S			<i>Hexalonche aristarchi</i> Haeckel, 1887: 185	[Quaternary]
S	nd	0	1	Sø			<i>Hexalonche aspera</i> Haeckel, 1887: 184	[Quaternary]
S	nd	0	1	Sø			<i>Hexalonche brevicornis</i> Haeckel, 1887: 181	[Quaternary]
S		1	1	S			<i>Hexalonche calliona</i> Chen <i>et al.</i> , 2017: 271	Late Pleistocene
S	nd	0	1	Sø			<i>Hexalonche castanella</i> Haeckel, 1887: 184	[Quaternary]
S		1	1	S			<i>Hexalonche conicornis</i> Haeckel, 1887: 181	[Early Miocene]
S	nd	0	1	Sø			<i>Hexalonche cristata</i> Haeckel, 1887: 183	[Quaternary]
S	nd	1	1	S			<i>Hexalonche curvicornis</i> Haeckel, 1887: 181	[Quaternary]
S		1	1	S			<i>Hexalonche dendrostylus</i> Carnevale, 1908: 17, 42	e. Middle Miocene
S	nd	0	1	Sø			<i>Hexalonche diphacantha</i> Jørgensen, 1900: 51	Living
S	nd	0	1	Sø			<i>Hexalonche ekphantaea</i> Haeckel, 1887: 185	Living
S		1	1	S			<i>Hexalonche esmarki</i> Goll & Bjørklund, 1989: 729	I. Late Miocene
S	nd	0	1	Sø			<i>Hexalonche favosa</i> Haeckel, 1887: 180	[Quaternary]
S	nd	0	1	Sø			<i>Hexalonche geometrica</i> Haeckel, 1887: 184	[Quaternary]
S		1	1	S			<i>Hexalonche gracilentia</i> Chen & Tan, 1996: 258	Holocene
S	nd	0	1	Sø			<i>Hexalonche grandis</i> Haeckel, 1887: 182	[Early Miocene]
S		1	1	S			<i>Hexalonche heracliti</i> Haeckel, 1887: 187	Living
S	nd	1	1	S			<i>Hexalonche heteracantha</i> Popofsky, 1912: 88	Living
S		1	1	S			<i>Hexalonche hindei</i> Carnevale, 1908: 16, 42	e. Middle Miocene
S		1	1	S			<i>Hexalonche hindei</i> var. <i>septemaculeata</i> Carnevale, 1908: 17	e. Middle Miocene
S		1	1	S			<i>Hexalonche hystricina</i> Haeckel, 1887: 187	Living
S		1	1	S			<i>Hexalonche microsphaera</i> Vinassa de Regny, 1900: 571	I. Early Miocene
S		1	1	S			<i>Hexalonche minuta</i> Popofsky, 1908: 209	Living
S	nd	1	1	S			<i>Hexalonche nakasekoi</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 90	Middle Miocene
S		1	1	S			<i>Hexalonche octahedra</i> Haeckel, 1887: 181	[Quaternary]
S		1	1	S			<i>Hexalonche octocolpa</i> Haeckel, 1887: 183	[Quaternary]
S	nd	1	1	S			<i>Hexalonche orientalis</i> Kozlova, 1983: 91	Early Paleocene
S	nd	1	1	S			<i>Hexalonche parvispina</i> Vinassa de Regny, 1900: 570	I. Early Miocene
S		1	1	S		Td	<i>Hexalonche phaenaxonia</i> Haeckel, 1887: 180	[Quaternary]
S		1	1	S			<i>Hexalonche philanahedra</i> Blueford, 1982: 198	Middle Miocene-Late Miocene
S		1	1	S		Ts	<i>Hexalonche philosophica</i> Haeckel, 1887: 186	Living
S		1	1	S		T	<i>Hexalonche pythagoraea</i> Haeckel, 1887: 185	[Quaternary]
S	nd	1	1	S			<i>Hexalonche regularis</i> Popofsky, 1908: 209	Living
S		1	1	S			<i>Hexalonche rosetta</i> Haeckel, 1887: 180	[Quaternary]
S	nd	0	1	Sø			<i>Hexalonche seleuci</i> Haeckel, 1887: 186	Living
S		1	1	S			<i>Hexalonche? senta</i> Kozlova in Kozlova & Gorbovetz, 1966: 58	Late Eocene
S	nd	0	1	Sø			<i>Hexalonche serrata</i> Haeckel, 1887: 183	[Quaternary]



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	0	1	Sø			<i>Hexalonche setosa</i> Haeckel, 1887: 187	Living
S		1	1	S			<i>Hexalonche subcarpatica</i> Dumitrica, 1978: 236	I. Middle Miocene
S	nd	0	1	Sø			<i>Hexalonche xenophanis</i> Haeckel, 1887: 187	Living
S	nd	0	1	Sø		Td	<i>Hexalanchidium axonometrum</i> Haeckel, 1887: 191	Living
S	nd	0	1	Sø			<i>Hexancistra ancorata</i> Haeckel, 1887: 188	[Quaternary]
S		1	1	S		T	<i>Hexancistra mirabilis</i> Haeckel, 1887: 189	Living
S		1	1	S		T	<i>Hexancistra quadricuspis</i> Haeckel, 1879: 705	[Quaternary]
S		1	1	S			<i>Hexancistra tricuspis</i> Haeckel, 1887: 188	[Quaternary]
S		1	1	S			<i>Hexancistra triserata</i> Haeckel, 1887: 188	[Quaternary]
N	nd	0	1	Sø			<i>Hexaplagia antarctica</i> Haeckel, 1887: 915	[Quaternary]
N	nd	0	1	Sø		Td	<i>Hexaplagia arctica</i> Haeckel, 1887: 915	Living
N	nd	0	1	Sø			<i>Hexaplagia australis</i> Haeckel, 1887: 916	Living
N	nd	0	1	Sø			<i>Hexaplagia collaris</i> Haeckel, 1887: 916	Living
N	nd	0	1	Sø		Td Ti	<i>Hexaplecta triaxonia</i> Haeckel, 1887: 927	[Quaternary]
N	nd	0	1	Sø			<i>Hexaplecta tricladonia</i> Haeckel, 1887: 927	Living
S	nd	0	1	Sø			<i>Hexapyle circularis</i> Haeckel, 1887: 569	[Quaternary]
S		1	1	S			<i>Hexapyle dodecantha</i> Haeckel, 1887: 569	Living
S	nd	0	1	Sø			<i>Hexapyle hexacantha</i> Haeckel, 1887: 569	[Quaternary]
S	nd	0	1	Sø			<i>Hexapyle polyacantha</i> Haeckel, 1887: 570	[Quaternary]
S	nd	0	1	Sø			<i>Hexapyle sexangula</i> Haeckel, 1887: 568	[Quaternary]
S		1	1	S			<i>Hexapyle spinulosa</i> Chen & Tan, 1989: 8	Holocene
S	nd	0	1	Sø			<i>Hexapyle triacantha</i> Haeckel, 1887: 569	Living
S	nd	0	1	Sø		Td	<i>Hexapyle triangula</i> Haeckel, 1887: 568	[Quaternary]
E		1	1	S		T	<i>Hexarhizacontium noritoshii</i> Dumitrica, 2017: 490	I. Middle Miocene
N		1	1	S			<i>Hexaspyris (Hexaspyridium) lanceolata</i> Clark & Campbell, 1945: 31	e. Middle Eocene
N		1	1	S			<i>Hexaspyris (Hexaspyridium) markleyensis</i> Clark & Campbell, 1942: 56	e. Middle Eocene
N	nd	0	1	Sø		Td	<i>Hexaspyris alterna</i> Haeckel, 1887: 1047	[Quaternary]
N	nd	0	1	Sø			<i>Hexaspyris buetschli</i> Haeckel, 1887: 1047	Late Eocene
N		1	1	S		Ts	<i>Hexaspyris hexacorethra</i> Haeckel, 1887: 1048	Living
N		1	1	S			<i>Hexaspyris papilio</i> Riedel, 1959: 294	Late Oligocene-Early Miocene
S	nd	0	1	Sø		Td	<i>Hexastylarium elongatum</i> Haeckel, 1887: 178	Living
E	nd	0	1	Sø			<i>Hexastylarium heteraxonium</i> Haeckel, 1887: 177	[Quaternary]
E	nd	0	1	Sø			<i>Hexastylarium quadratum</i> Haeckel, 1887: 178	[Quaternary]
S	nd	0	1	Sø		Td	<i>Hexastylidium rhomboides</i> Haeckel, 1887: 178	Living
E	nd	0	1	Sø			<i>Hexastylidium spirale</i> Haeckel, 1887: 179	Living
S		1	1	S			<i>Hexastylus? (Hexastylurus?) tonamiensis</i> Nakaseko, 1955: 82	I. Early Miocene
S	nd	1	1	S			<i>Hexastylus angelaccii</i> Carnevale, 1908: 16	e. Middle Miocene
E	nd	0	1	Sø			<i>Hexastylus biantis</i> Haeckel, 1887: 172	Living
E	nd	0	1	Sø			<i>Hexastylus brevispinus</i> Haeckel, 1887: 175	[Early Miocene]
E	nd	0	1	Sø			<i>Hexastylus chilonis</i> Haeckel, 1887: 174	Living
E	nd	0	1	Sø			<i>Hexastylus cleobuli</i> Haeckel, 1887: 174	[Quaternary]
S		1	1	S			<i>Hexastylus cochleatus</i> Haeckel, 1887: 174	Living
E	nd	0	1	Sø			<i>Hexastylus conifer</i> Haeckel, 1887: 176	Living
E	nd	1	1	S			<i>Hexastylus contortus</i> Haeckel, 1887: 177	[Quaternary]
S		1	1	S		Ts	<i>Hexastylus dictyotus</i> Haeckel, 1887: 176	Living
S		1	1	S			<i>Hexastylus dimensivus</i> Haeckel, 1887: 175	[Quaternary]
E	nd	0	1	Sø			<i>Hexastylus favosus</i> Haeckel, 1887: 172	Living
S		1	1	S			<i>Hexastylus favulosus</i> Blueford, 1982: 197	Middle Miocene-Late Miocene
S		1	1	S			<i>Hexastylus formosus</i> Blueford, 1982: 197	I. Middle Miocene-Early Pliocene
S	nd	1	1	S			<i>Hexastylus gortanii</i> Principi, 1909: 9	Middle Miocene
E	nd	0	1	Sø			<i>Hexastylus hirsutus</i> Haeckel, 1887: 176	[Quaternary]
E		1	1	S			<i>Hexastylus horridus</i> Hollande & Enjmet, 1960: 91	Living
E	nd	0	1	Sø			<i>Hexastylus longispinus</i> Haeckel, 1887: 175	Living
E	nd	0	1	Sø			<i>Hexastylus longissimus</i> Haeckel, 1887: 172	Living
S		1	1	S			<i>Hexastylus marginatus</i> Haeckel, 1887: 176	[Quaternary]
E	nd	0	1	Sø			<i>Hexastylus maximus</i> Haeckel, 1887: 173	[Early Miocene]
E	nd	1	1	S			<i>Hexastylus minimus</i> Haeckel, 1887: 172	[Quaternary]
S		1	1	S			<i>Hexastylus nobilis</i> Cleve, 1900b: 9	Living
E	nd	0	1	Sø			<i>Hexastylus periandri</i> Haeckel, 1887: 173	[Quaternary]
S		1	1	S		Ts	<i>Hexastylus phaenaxonium</i> Haeckel, 1887: 171	[Quaternary]
E	nd	0	1	Sø			<i>Hexastylus pittaci</i> Haeckel, 1887: 173	[Quaternary]
E	nd	1	1	S			<i>Hexastylus rosai</i> Carnevale, 1908: 16	e. Middle Miocene
E	nd	0	1	Sø			<i>Hexastylus sapientum</i> Haeckel, 1887: 171	Living
S		1	1	S			<i>Hexastylus simplex</i> Vinassa de Regny, 1900: 570	I. Early Miocene
S		1	1	S		Ts	<i>Hexastylus solonis</i> Haeckel, 1887: 173	[Quaternary]
S		1	1	S			<i>Hexastylus spiralis</i> Haeckel, 1887: 177	[Quaternary]
S	nd	1	1	S			<i>Hexastylus srebnoensis</i> Gorbunov, 1979: 96	Late Eocene
S		1	1	S			<i>Hexastylus thaletis</i> Haeckel, 1887: 172	[Quaternary]
S		1	1	S		Ts	<i>Hexastylus triaxonium</i> Haeckel, 1887: 175	[Quaternary]
S		1	1	S		T	<i>Hexinastrium geryonidum</i> Haeckel, 1887: 560	[Quaternary]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Histiastrum boseanum</i> Haeckel, 1887: 546	
S		1	1	S			<i>Histiastrum circulare</i> Haeckel, 1887: 546	[Late Eocene]
S		1	1	S			<i>Histiastrum coronatum</i> Haeckel, 1887: 546	[Late Eocene]
S	nd	0	1	Sø			<i>Histiastrum excisum</i> Haeckel, 1887: 544	Living
S	nd	0	1	Sø			<i>Histiastrum fasciatum</i> Haeckel, 1861b: 842	I. Late Miocene
S		1	1	S			<i>Histiastrum gladiatum</i> Haeckel, 1887: 545	[Late Eocene]
S		1	1	S			<i>Histiastrum martinianum</i> Carnevale, 1908: 26, 46	e. Middle Miocene
S		1	1	S			<i>Histiastrum paleogenicum</i> Lipman, 1980: 125	e. Middle Eocene
S		1	1	S			<i>Histiastrum pentadiscus</i> Haeckel, 1887: 546	[Quaternary]
S		1	1	S			<i>Histiastrum quadratum</i> Popofsky, 1912: 141	Living
S		1	1	S		Ts	<i>Histiastrum quadrigatum</i> Haeckel, 1887: 544	[Quaternary]
S		0	1	Su			<i>Histiastrum quaternarium</i> Ehrenberg, 1874b: 237	I. Middle Eocene
S		1	0	Sf	syn	T	<i>Histiastrum quaternarium</i> Ehrenberg, 1876: 74-75	I. Middle Eocene
S		0	1	Su			<i>Histiastrum ternarium</i> Ehrenberg, 1874b: 237	I. Middle Eocene
S		1	0	Sf	syn	Ts	<i>Histiastrum ternarium</i> Ehrenberg, 1876: 76-77	I. Middle Eocene
S	nd	0	1	Sø			<i>Histiastrum trinacrium</i> Haeckel, 1861b: 843	Living
S		1	1	S			<i>Histiastrum velatum</i> Haeckel, 1887: 545	Living
S	nd	0	1	Sø			<i>Histiastrum ypsiloides</i> Haeckel, 1861b: 843	Living
S		1	1	S			<i>Homunculodiscus cauleti</i> Dumitrica, 2019: 41	Early Paleocene
S		1	1	S			<i>Homunculodiscus nascens</i> Dumitrica, 2019: 41	Early Paleocene
S		1	1	S			<i>Homunculodiscus tribullatus</i> Dumitrica, 2019: 41	Early Paleocene
S		1	1	S		Ts	<i>Hymenactura archimedis</i> Haeckel, 1887: 473	[Quaternary]
S		1	1	S		Ts	<i>Hymenactura copernici</i> Haeckel, 1887: 475	[Quaternary]
S		1	1	S			<i>Hymenactura hexagona</i> Haeckel, 1887: 474	Late Eocene
S		1	1	S			<i>Hymenactura ptolemaei</i> Haeckel, 1887: 475	[Early Miocene]
S		1	1	S			<i>Hymenactura trigona</i> Haeckel, 1887: 474	[Quaternary]
S	nd	0	1	Sø			<i>Hymeniastrum archimedis</i> Haeckel, 1887: 531	Living
S		1	1	S			<i>Hymeniastrum euclidis</i> Haeckel, 1887: 531	Living
S		1	1	S			<i>Hymeniastrum hyadesi</i> Certes, 1891: 33	[Living]
S		1	0	S		T	<i>Hymeniastrum pythagorae</i> Ehrenberg, 1854d	I. Middle Eocene
S	nd	0	1	Sø			<i>Hymeniastrum trigonarium</i> Haeckel, 1887: 532	[Early Miocene]
N		1	1	S		T	<i>Jeanpierreia splendida</i> Dumitrica, 2004: 220	I. Middle Eocene
E		1	1	S			<i>Joergensenium apollo</i> Kamikuri, 2010: 99	Middle Miocene?-Living
E		1	1	S			<i>Joergensenium articum</i> Ikenoue, Dumitrica & Bjørklund in Ikenoue et al., 2016a: 79	Living
E		1	1	S			<i>Joergensenium clevei</i> Ikenoue, Dumitrica & Bjørklund in Ikenoue et al., 2016a: 79	Living
E		1	1	S			<i>Joergensenium pseudodictyochoa</i> Renaudie & Lazarus, 2015: 185	Late Miocene-Pleistocene
E		1	1	S		T	<i>Joergensenium rotatile</i> Bjørklund, Dumitrica, Dolven & Swanberg, 2008: 462	Living
C	nd	0	1	Sø			<i>Lampoxanthium murrayanum</i> Fowler, 1898: 1024	Living
C	nd	0	1	Sø			<i>Lampoxanthium octoceras</i> Haeckel, 1887: 37	Living
C		1	1	S		T	<i>Lampoxanthium pandora</i> Haeckel, 1887: 38	Living
C	nd	0	1	Sø		Td	<i>Lampoxanthium punctatum</i> Haeckel, 1887: 37	Living
C	nd	0	1	Sø		Td	<i>Lampoxanthium tetractinium</i> Haeckel, 1887: 37	Living
N	nd	0	1	Sø		Td	<i>Lamprocyclus bajadera</i> Haeckel, 1887: 1392	[Quaternary]
N		1	1	S			<i>Lamprocyclus deflorata</i> Haeckel, 1887: 1391	[Quaternary]
N		1	1	S			<i>Lamprocyclus dentata</i> Haecker, 1908: 455	Living
N		1	1	S			<i>Lamprocyclus hadros</i> Nigrini & Caulet, 1992: 160	Late Miocene-Living
N		1	1	S		T	<i>Lamprocyclus heteroporos</i> Hays, 1965: 179	Pliocene
N		1	1	S			<i>Lamprocyclus inexpectata</i> Caulet, 1991: 534	Early Oligocene
N		1	1	S			<i>Lamprocyclus intermedia</i> Haecker, 1908: 455	Living
N		1	1	S			<i>Lamprocyclus maritalis</i> Haeckel, 1887: 1390	[Quaternary]
N		1	1	S			<i>Lamprocyclus maritalis antiqua</i> Riedel, 1953: 811	I. Late Miocene
N		1	1	S			<i>Lamprocyclus maritalis polypora</i> Nigrini, 1967: 76	Holocene
N		1	1	S			<i>Lamprocyclus maritalis teraphimis</i> Kamikuri, 2010: 102	Late Pliocene
N		1	1	S			<i>Lamprocyclus maritalis ventricosa</i> Nigrini, 1968: 57	Living
N		1	1	S			<i>Lamprocyclus matakohe</i> O'Connor, 1994: 344	Early Oligocene-Late Oligocene
N		1	1	S		T	<i>Lamprocyclus nuptialis</i> Haeckel, 1887: 1390	[Quaternary]
N	nn	0	0	Sø			<i>Lamprocyclus oligacantha</i> Jørgensen in Gran, 1902: 150	Living
N		1	1	S			<i>Lamprocyclus particollis</i> O'Connor, 1999: 18	Early Oligocene
N		1	1	S			<i>Lamprocyclus prionotocodon</i> Caulet, 1991: 534	Late Oligocene-Middle Miocene
N		1	1	S			<i>Lamprocyclus reginae</i> Haeckel, 1887: 1391	[Quaternary]
N		1	1	S			<i>Lamprocyclus saltatrix</i> Haeckel, 1887: 1391	[Quaternary]
N		1	1	S			<i>Lamprocyrtis daniellae</i> Caulet, 1986a: 850	Early Pliocene-Late Pliocene
N		1	1	S			<i>Lamprocyrtis datureaformis</i> Renaudie & Lazarus, 2013: 66	Middle Miocene
N		1	1	S			<i>Lamprocyrtis haysi</i> Kling, 1973: 639	Pleistocene
N		1	1	S			<i>Lamprocyrtis neoheteroporos</i> Kling, 1973: 639	Late Pliocene-Early Pleistocene
N		0	1	Su			<i>Lamprodiscus coscinodiscus</i> Ehrenberg, 1873a: 314	Holocene
N		1	0	Sf	syn		<i>Lamprodiscus coscinodiscus</i> Suzuki et al., 2009a	Holocene
N		0	1	Su			<i>Lamprodiscus monoceros</i> Ehrenberg, 1873a: 314	Holocene
N		1	0	Sf	syn	T	<i>Lamprodiscus monoceros</i> Ehrenberg, 1873b: 294-295	Holocene
N		1	1	S			<i>Lamprodiscus pyramidalis</i> Popofsky, 1913: 344	Living

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Lamprodiscus spinulosus</i> Popofsky, 1913: 344, 414	Living
N	nd	0	1	Sø			<i>Lamprodiscus tricostatus</i> Haeckel, 1887: 1213	Living
N		1	1	S			<i>Lampromitra amabilis</i> Su, 1982: 283	Living
N		1	1	S			<i>Lampromitra arborescens</i> Haeckel, 1887: 1216	Living
N		1	1	S			<i>Lampromitra cachoni</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 129	Middle Pleistocene-Holocene
N		1	1	S			<i>Lampromitra circumtexta</i> Popofsky, 1913: 346	Living
N		1	1	S	T		<i>Lampromitra coronata</i> Haeckel, 1887: 1214	[Quaternary]
N		1	1	S			<i>Lampromitra cracenta</i> Takahashi, 1991: 109	Living
N		1	1	S			<i>Lampromitra dendrocorona</i> Haeckel, 1887: 1216	[Quaternary]
N		1	1	S			<i>Lampromitra erosa</i> Cleve, 1900b: 10	Living
N	nd	1	1	S			<i>Lampromitra furcata</i> Haeckel, 1887: 1215	[Quaternary]
N		1	1	S			<i>Lampromitra parabolica</i> Popofsky, 1913: 348	Living
N		1	1	S			<i>Lampromitra petrushevskae</i> Dumitrica, 1973a: 837	e. Early Pleistocene
N	nd	0	1	Sø			<i>Lampromitra pyramidalis</i> Haeckel, 1887: 1215	[Quaternary]
N		1	1	S			<i>Lampromitra quadricuspis</i> Haeckel, 1887: 1214	Living
N		1	1	S			<i>Lampromitra sinuosa</i> Popofsky, 1913: 347, 414	Living
N		1	1	S			<i>Lampromitra spinosiretis</i> Takahashi, 1991: 110	Living
N		1	1	S			<i>Lampromitra tiara</i> Dumitrica, 1973a: 838	e. Early Pleistocene
N		1	1	S			<i>Lampromitra tricuspis</i> Dogiel in Dogiel & Reshetnyak, 1952: 13	Living
N		1	1	S	T		<i>Lamprospyrus darwini</i> Haeckel, 1887: 1094	[Quaternary]
N	nd	0	1	Sø			<i>Lamprospyrus hookeri</i> Haeckel, 1887: 1094	[Quaternary]
N		1	1	S			<i>Lamprospyrus huxleyi</i> Haeckel, 1887: 1094	[Quaternary]
N	nd	0	1	Sø			<i>Lamprospyrus lyelli</i> Haeckel, 1887: 1094	[Quaternary]
N	nd	0	1	Sø			<i>Lamprospyrus spenceri</i> Haeckel, 1887: 1095	[Quaternary]
N	nn	0	0	Sø			<i>Lamprotripus horridus</i> Haeckel, 1887: 1201	[Quaternary]
N		1	1	S			<i>Lamprotripus quinqueradiatus</i> Dogiel in Petrushevskaya, 1971: 97	Living
N	nn	0	0	Sø			<i>Lamprotripus spinosus</i> Haeckel, 1887: 1201	[Quaternary]
N	nn	0	0	Sø			<i>Lamprotripus squarrosus</i> Haeckel, 1887: 1200	[Quaternary]
N		1	1	S			<i>Lamptonium? colymbus</i> Foreman, 1973: 435	Late Paleocene
N		1	1	S			<i>Lamptonium? fabaeforme? chaunothorax</i> Riedel & Sanfilippo, 1970: 524	Middle Eocene
N		1	1	S			<i>Lamptonium? fabaeforme? constrictum</i> Riedel & Sanfilippo, 1970: 523	Middle Eocene
N		1	1	S			<i>Lamptonium? incohatum</i> Foreman, 1973: 436	Late Paleocene
N		1	1	S			<i>Lamptonium obelix</i> Sanfilippo & Riedel, 1979: 503	Middle Eocene-Late Eocene
N		1	1	S			<i>Lamptonium pennatum</i> Foreman, 1973: 436	Paleocene-Early Eocene
N		1	1	S			<i>Lamptonium sanfilippoae</i> Foreman, 1973: 436	Early Eocene
S	nd	0	1	Sø	Td		<i>Larcarium amphistylum</i> Haeckel, 1887: 608	[Quaternary]
S	nd	0	1	Sø			<i>Larcarium axostylum</i> Haeckel, 1887: 609	[Quaternary]
S	nd	0	1	Sø			<i>Larcarium chaetostylum</i> Haeckel, 1887: 609	Living
S	nd	0	1	Sø			<i>Larcarium hexastylum</i> Haeckel, 1887: 608	Living
S	nd	0	1	Sø			<i>Larcarium octostylum</i> Haeckel, 1887: 609	Living
S	nd	0	1	Sø			<i>Larcarium polystylum</i> Haeckel, 1887: 609	Living
S	nd	0	1	Sø			<i>Larcarium staurostylum</i> Haeckel, 1887: 608	[Quaternary]
S	nd	0	1	Sø			<i>Larcidium axacanthum</i> Haeckel, 1887: 611	Living
S	nd	0	1	Sø			<i>Larcidium dissacanthum</i> Haeckel, 1887: 611	[Quaternary]
S		1	1	S	T		<i>Larcidium dodecanthum</i> Haeckel, 1887: 612	Living
S	nd	1	1	S			<i>Larcidium etroplus</i> Clark & Campbell, 1942: 51	e. Middle Eocene
S	nd	0	1	Sø			<i>Larcidium hexacanthum</i> Haeckel, 1887: 611	Living
S	nd	0	1	Sø			<i>Larcidium octacanthum</i> Haeckel, 1887: 612	[Quaternary]
S	nd	0	1	Sø			<i>Larcidium polyacanthum</i> Haeckel, 1887: 612	[Quaternary]
S		1	1	S			<i>Larcopyle augusti</i> Lazarus <i>et al.</i> , 2005: 113	I. Middle Miocene-I. Late Miocene
S		1	1	S			<i>Larcopyle? bucerum</i> Popova in Tochilina <i>et al.</i> , 1988: 46	Early Pleistocene
S		1	1	S	Ts		<i>Larcopyle buetschlii</i> Dreyer, 1889: 48	[Quaternary]
S		1	1	S			<i>Larcopyle buetschlii chenmuhongi</i> Zhang & Suzuki, 2017: 34	Holocene-Living
S		1	1	S			<i>Larcopyle buetschlii orion</i> Zhang & Suzuki, 2017: 34	Holocene-Living
S		1	1	S			<i>Larcopyle drieschi</i> Dreyer, 1890: 41	e. Middle Miocene
S		1	1	S			<i>Larcopyle eccentricanoides</i> Zhang & Suzuki, 2017: 37	Holocene-Living
S		1	1	S			<i>Larcopyle eccentricum</i> Lazarus <i>et al.</i> , 2005: 111	Early Miocene-I. Middle Miocene
S		1	1	S			<i>Larcopyle faustae</i> Renaudie & Lazarus, 2016: 33	Middle Miocene-Early Pliocene
S		1	1	S			<i>Larcopyle hayesi irregularis</i> Lazarus <i>et al.</i> , 2005: 120	Late Oligocene-Late Pliocene
S		1	1	S			<i>Larcopyle herbsti</i> Dreyer, 1890: 43	e. Middle Miocene
S		1	1	S			<i>Larcopyle labyrinthusa</i> Lazarus <i>et al.</i> , 2005: 111	I. Middle Miocene-I. Late Miocene
S		1	1	S			<i>Larcopyle molle</i> Zhang & Suzuki, 2017: 36	Holocene-Living
S		1	1	S			<i>Larcopyle nebulum</i> Lazarus <i>et al.</i> , 2005: 111	Early Miocene-I. Middle Miocene
S		1	1	S			<i>Larcopyle peregrinator</i> Lazarus <i>et al.</i> , 2005: 111	I. Middle Miocene-Early Pliocene
S		1	1	S			<i>Larcopyle polyacantha amplissima</i> Lazarus <i>et al.</i> , 2005: 108	I. Middle Miocene-I. Late Miocene
S		1	1	S			<i>Larcopyle pulchella</i> Zhang & Suzuki, 2017: 37	Holocene-Living
S		1	1	S			<i>Larcopyle spongiosa</i> Dreyer, 1890: 42	e. Middle Miocene
S		1	1	S			<i>Larcopyle weddellium</i> Lazarus <i>et al.</i> , 2005: 115	e. Late Miocene-Early Pleistocene
S		1	1	S			<i>Larcospira bulbosa</i> Goll & Björklund, 1989: 729	I. Late Miocene
S	nd	0	1	Sø			<i>Larcospira lentelliptica</i> Haeckel, 1887: 696	[Quaternary]



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Larcospira moschkovskii</i> Kruglikova, 1978: 88	e. Late Miocene
S	nd	0	1	Sø		Td	<i>Larcospira oliva</i> Haeckel, 1887: 697	[Quaternary]
S		1	1	S		T	<i>Larcospira quadrangula</i> Haeckel, 1887: 696	[Quaternary]
S	nd	0	1	Sø			<i>Larcospira sexangula</i> Haeckel, 1887: 696	[Quaternary]
S		1	1	S			<i>Larcospira teres</i> Zhang & Suzuki, 2017: 23	Holocene-Living
S		1	1	S			<i>Larcospira tetragonocentrum</i> Zhang & Suzuki, 2017: 25	Holocene-Living
S		1	1	S		Ts	<i>Larnacalpis lentellipsis</i> Haeckel, 1887: 620	[Quaternary]
S	nd	0	1	Sø			<i>Larnacalpis macrococcus</i> Haeckel, 1887: 621	[Quaternary]
S	nd	1	1	S			<i>Larnacalpis macropora</i> Lucchese, 1927: 102	e. Middle Miocene
S	nd	0	1	Sø			<i>Larnacalpis phacodiscus</i> Haeckel, 1887: 620	[Quaternary]
S	nd	1	1	S			<i>Larnacalpis smili</i> Middour in Frizzell & Middour, 1951: 27	Late Paleocene
S	nd	0	1	Sø			<i>Larnacalpis subsphaerica</i> Haeckel, 1887: 621	[Quaternary]
S		1	1	S			<i>Larnacalpis triaxonia</i> Haeckel, 1887: 621	[Quaternary]
S		1	1	S			<i>Larnacantha bicrucata</i> Haeckel, 1887: 623	Living
S	nd	0	1	Sø			<i>Larnacantha cladacantha</i> Haeckel, 1887: 623	Living
S	nd	0	1	Sø			<i>Larnacantha decacantha</i> Haeckel, 1887: 624	Living
S	nd	0	1	Sø			<i>Larnacantha dissacantha</i> Haeckel, 1887: 622	[Quaternary]
S	nd	0	1	Sø			<i>Larnacantha dodecantha</i> Haeckel, 1887: 624	[Quaternary]
S	nd	0	1	Sø			<i>Larnacantha drymacantha</i> Haeckel, 1887: 624	[Quaternary]
S		1	1	S		Ts	<i>Larnacantha hexacantha</i> Haeckel, 1887: 622	[Quaternary]
S	nd	0	1	Sø			<i>Larnacantha octacantha</i> Haeckel, 1887: 623	Living
S		1	1	S			<i>Larnacantha polyacantha</i> Campbell & Clark, 1944: 30	e. Late Miocene
S		1	1	S			<i>Larnacantha prismatica</i> Haeckel, 1887: 623	[Quaternary]
S	nd	0	1	Sø			<i>Larnacantha quadricornis</i> Haeckel, 1887: 622	Living
S	nd	0	1	Sø			<i>Larnacantha stauracantha</i> Haeckel, 1887: 622	Living
S	nd	0	1	Sø			<i>Larnacidium hexabelonium</i> Haeckel, 1887: 619	[Quaternary]
S	nd	0	1	Sø			<i>Larnacidium polybelonium</i> Haeckel, 1887: 619	[Quaternary]
S	nd	0	1	Sø		Td	<i>Larnacidium stauobelonium</i> Haeckel, 1887: 619	[Quaternary]
S	nd	0	1	Sø			<i>Larnacilla medullaris</i> Haeckel, 1887: 618	[Quaternary]
S	nd	0	1	Sø			<i>Larnacilla prometer</i> Haeckel, 1887: 618	[Quaternary]
S	nd	0	1	Sø			<i>Larnacilla subglobosa</i> Haeckel, 1887: 618	[Quaternary]
S		1	1	S		T	<i>Larnacilla typus</i> Haeckel, 1887: 617	[Quaternary]
S	nd	0	1	Sø			<i>Larnacoma hexagonium</i> Haeckel, 1887: 625	[Quaternary]
S	nd	0	1	Sø		Td	<i>Larnacoma lentellicum</i> Haeckel, 1887: 625	[Quaternary]
S	nd	0	1	Sø			<i>Larnacoma quadruplex</i> Haeckel, 1887: 625	[Quaternary]
S	nd	0	1	Sø		Td	<i>Larnacospongus larnacillifer</i> Haeckel, 1887: 626	Living
S	nd	0	1	Sø			<i>Larnacospongus tetrapyliifer</i> Haeckel, 1887: 626	Living
S	nd	0	1	Sø			<i>Larnacostupa dendrophora</i> Haeckel, 1887: 627	Living
S	nd	0	1	Sø		Td	<i>Larnacostupa octacantha</i> Haeckel, 1887: 627	Living
S	nd	0	1	Sø			<i>Larnacostupa spinosa</i> Haeckel, 1887: 627	Living
N		1	1	S		Ti	<i>Leptarachnium aurelia</i> Haeckel, 1887: 1248	[Quaternary]
S	nd	0	1	Sø			<i>Leptosphaera arachnoides</i> Jørgensen, 1900: 56	Living
S	nd	0	1	Sø			<i>Leptosphaera ciliata</i> Haeckel, 1887: 245	Living
S		1	1	S		Ts	<i>Leptosphaera hexagonalis</i> Haeckel, 1887: 244	Living
S		1	1	S			<i>Leptosphaera minuta</i> Popofsky, 1912: 104	Living
S	nd	0	1	Sø			<i>Leptosphaera polygonalis</i> Haeckel, 1887: 245	Living
S	nd	0	1	Sø			<i>Leptosphaera reticulum</i> Haeckel, 1887: 246	Living
S	nd	0	1	Sø			<i>Leptosphaera serrata</i> Haeckel, 1887: 245	Living
S	nd	0	1	Sø			<i>Leptosphaera stellata</i> Haeckel, 1887: 245	Living
S		1	1	S			<i>Liosphaera (Craspedomma) antarctica</i> Nakaseko, 1959a: 4	Holocene
S		1	1	S		T	<i>Liosphaera hexagonia</i> Haeckel, 1887: 76	[Quaternary]
S	nd	0	1	Sø			<i>Liosphaera peridromium</i> Haeckel, 1887: 77	Living
S		1	1	S		Ts	<i>Liosphaera polypora</i> Haeckel, 1887: 78	[Quaternary]
S	nd	0	1	Sø			<i>Liosphaera porulosa</i> Haeckel, 1887: 77	Living
S	nd	0	1	Sø			<i>Liosphaera rhodococcus</i> Haeckel, 1887: 77	[Quaternary]
N		1	1	S			<i>Lipmanella japonica conica</i> Petrushevskaya & Kozlova, 1979: 139	e. Late Miocene
N		1	1	S			<i>Lipmanella oligocenica</i> Funakawa, 2000: 107	Late Oligocene
N		1	1	S			<i>Lipmanella pilva</i> Vitukhin, 1993: 85	e. Middle Miocene
N		1	1	S			<i>Lipmanella rawanensis</i> Funakawa, 2000: 107	l. Early Miocene
N		1	1	S			<i>Lipmanella tribranchiata</i> Dumitrica, 1973a: 840	Holocene-Living
N		1	1	S			<i>Liriocyrtis problematica</i> Dogiel in Petrushevskaya, 1969a: 134	Living
N	nd	1	1	S			<i>Liriospyris amphithecta</i> Haeckel, 1887: 1050	[Quaternary]
N		1	1	S			<i>Liriospyris biacuta</i> Caulet, 1979: 136	Late Pliocene-Middle Pleistocene
N		1	1	S			<i>Liriospyris cricus</i> Westberg-Smith & Riedel, 1984: 491	l. Late Miocene-Pliocene
N		1	1	S			<i>Liriospyris elevata</i> Goll, 1968: 1426	Middle Miocene-Late Miocene
N		1	1	S			<i>Liriospyris geniculosa</i> Goll, 1968: 1427	Early Eocene-l. Early Miocene
N		1	1	S			<i>Liriospyris globosa</i> Goll, 1968: 1427	l. Early Miocene
N	nd	0	1	Sø			<i>Liriospyris heteropoda</i> Haeckel, 1887: 1050	[Quaternary]
N		1	1	S		T	<i>Liriospyris hexapoda</i> Haeckel, 1887: 1049	[Quaternary]
N		1	1	S			<i>Liriospyris insulae</i> Nishimura, 1992: 330	Middle Paleocene

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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Liriospyris longicornuta</i> Goll, 1968: 1428	Early Oligocene
N		1	1	S			<i>Liriospyris mutuarua</i> Goll, 1968: 1428	Early Miocene-Middle Miocene
N		1	1	S			<i>Liriospyris ovalis</i> Goll, 1968: 1429	Middle Miocene-Late Miocene
N		1	1	S			<i>Liriospyris parkerae</i> Riedel & Sanfilippo, 1971: 1590	Middle Miocene
N		1	1	S			<i>Liriospyris pulmoformis</i> Tan & Su, 1981: 342	Living
N		1	1	S			<i>Liriospyris rotunda</i> Tan & Su, 1981: 342	Living
N		1	1	S			<i>Liriospyris thorax laticapsa</i> Takahashi, 1991: 106	Living
W		1	1	S		Te	<i>Lithacanthus aculeatus</i> Popofsky, 1907: 700	Living
W		1	1	S			<i>Lithacanthus margarethae</i> Popofsky, 1907: 700	Living
N		1	1	S			<i>Lithamphora caryoforma</i> Caulet, 1979: 131	Late Miocene-Late Pliocene
N		1	1	S			<i>Lithamphora crustula</i> Caulet, 1979: 131	Late Pliocene-Living
N		1	1	S		T	<i>Lithamphora furcaspiculata</i> Popofsky, 1908: 295	Living
N		1	1	S			<i>Lithamphora furcaspiculata</i> var. 1 Popofsky, 1913: 409	Living
N		1	1	S			<i>Lithamphora furcaspiculata</i> var. 2 Popofsky, 1913: 409	Living
N		1	1	S			<i>Lithamphora furcaspiculata</i> var. 3 Popofsky, 1913: 409	Living
N		1	1	S			<i>Lithamphora furcaspiculata</i> var. 4 Popofsky, 1913: 409	Living
N		1	1	S			<i>Lithamphora furcaspiculata</i> var. 5 Popofsky, 1913: 410	Living
N		1	1	S			<i>Lithamphora furcaspiculata</i> var. 6 Popofsky, 1913: 410	Living
N		1	1	S			<i>Lithamphora furcaspiculata</i> var. 7 Popofsky, 1913: 411	Living
N		1	1	S			<i>Lithamphora furcaspiculata</i> var. 8 Popofsky, 1913: 411	Living
N		1	1	S			<i>Lithamphora furcaspiculata</i> var. 9 Popofsky, 1913: 411	Living
N		1	1	S			<i>Lithamphora sacculifera quadrata</i> Petrushevskaya & Kozlova, 1972: 539	Late Eocene
S	nd	1	1	S			<i>Lithapium acutispina</i> Principi, 1909: 10	Middle Miocene
N		1	1	S			<i>Lithapium? anoectum</i> Riedel & Sanfilippo, 1970: 520	e. Middle Eocene
S		1	1	S			<i>Lithapium halicapsa</i> Haeckel, 1887: 303	[Quaternary]
S		1	1	S			<i>Lithapium monocyrtis</i> Haeckel, 1887: 304	[Early Miocene]
S		1	1	S			<i>Lithapium? plegmacantha</i> Riedel & Sanfilippo, 1970: 520	Early Eocene-e. Middle Eocene
S		1	1	S		T	<i>Lithapium pyriforme</i> Haeckel, 1887: 303	[Quaternary]
N		1	1	S			<i>Litharachnium araneosum</i> Haeckel, 1887: 1163	Living
N	nd	0	1	S $\emptyset$			<i>Litharachnium discoides</i> Haeckel, 1887: 1164	Living
N		1	1	S			<i>Litharachnium epeira</i> Haeckel, 1887: 1164	Living
N	nn	1	0	S			<i>Litharachnium marginatum</i> Enriques in Bertolini, 1937	Living
N		1	1	S			<i>Litharachnium permagnum</i> Dogiel in Petrushevskaya, 1971: 227	Living
N	nd	0	1	S $\emptyset$		Td	<i>Litharachnium pilidium</i> Haeckel, 1887: 1164	[Quaternary]
N		0	1	Su			<i>Litharachnium tentorium</i> Haeckel, 1861b: 836	Living
N		1	0	Sf	syn	T	<i>Litharachnium tentorium</i> Haeckel, 1862: 281, 540	Living
S		1	1	S			<i>Lithatractus (Lithatractara) santaeannae</i> Campbell & Clark, 1944: 19	e. Late Miocene
S		1	1	S			<i>Lithatractus (Lithatractara) santaeannae pusillus</i> Campbell & Clark, 1944: 19	e. Late Miocene
S		1	1	S			<i>Lithatractus (Lithatractara) timmsi</i> Campbell & Clark, 1944: 18	e. Late Miocene
S		1	1	S			<i>Lithatractus (Lithatractara) timmsi quadrispinus</i> Campbell & Clark, 1944: 19	e. Late Miocene
S		1	1	S			<i>Lithatractus (Lithatractaria) hederiae</i> Clark & Campbell, 1942: 33	e. Middle Eocene
S		1	1	S			<i>Lithatractus (Lithatractaria) pterosphaerus</i> Clark & Campbell, 1942: 33	e. Middle Eocene
E		1	1	S			<i>Lithatractus (Lithatractona) pierinae</i> Clark & Campbell, 1942: 34	e. Middle Eocene
S		1	1	S			<i>Lithatractus (Lithatractylis) nuphar</i> Clark & Campbell, 1945: 19	e. Middle Eocene
S		1	1	S			<i>Lithatractus birostratus</i> Lipman, 1953: 139	Early Eocene
S	nd	0	1	S $\emptyset$			<i>Lithatractus carduelis</i> Haeckel, 1887: 321	[Quaternary]
S	nd	0	1	S $\emptyset$			<i>Lithatractus cirsium</i> Haeckel, 1887: 321	Living
S	nd	0	1	S $\emptyset$			<i>Lithatractus conifer</i> Haeckel, 1887: 322	Living
S	nd	0	1	S $\emptyset$		Td	<i>Lithatractus conostylus</i> Haeckel, 1887: 323	[Quaternary]
S	nd	0	1	S $\emptyset$			<i>Lithatractus convallaria</i> Haeckel, 1887: 320	[Early Miocene]
S	nd	0	1	S $\emptyset$		Td	<i>Lithatractus echiniscus</i> Haeckel, 1887: 321	Living
S		1	1	S			<i>Lithatractus floridus</i> Renaudie & Lazarus, 2016: 27	Early Miocene
S		1	1	S		Ts	<i>Lithatractus fragilis</i> Haeckel, 1887: 319	[Quaternary]
S	nd	0	1	S $\emptyset$			<i>Lithatractus gamoporus</i> Haeckel, 1887: 323	[Quaternary]
S	nd	0	1	S $\emptyset$			<i>Lithatractus hexagonalis</i> Haeckel, 1887: 319	[Quaternary]
S		1	1	S		T	<i>Lithatractus jugatus</i> Haeckel, 1887: 323	[Quaternary]
S	nd	0	1	S $\emptyset$			<i>Lithatractus leptostylus</i> Haeckel, 1887: 320	[Quaternary]
S	nd	0	1	S $\emptyset$			<i>Lithatractus lobatus</i> Haeckel, 1887: 322	[Quaternary]
S	nd	1	1	S			<i>Lithatractus miocenica</i> Principi, 1909: 11	Middle Miocene
S	nd	1	1	S			<i>Lithatractus nucleolus</i> Tan & Su, 1982: 148	Holocene
S	nd	0	1	S $\emptyset$			<i>Lithatractus pachystylus</i> Haeckel, 1887: 320	[Quaternary]
S	nd	0	1	S $\emptyset$			<i>Lithatractus rosetta</i> Haeckel, 1887: 322	[Quaternary]
S		1	1	S			<i>Lithelius alveolina</i> Haeckel, 1862: 520, 557	Living
S	nd	1	1	S			<i>Lithelius amphistylis</i> Chen, 1987: 226	Pleistocene
S	nd	0	1	S $\emptyset$			<i>Lithelius arborescens</i> Haeckel, 1887: 695	Living
S		1	1	S			<i>Lithelius barbatus</i> Motoyama, 1996: 243	e. Late Miocene-Late Pliocene
S	nd	0	1	S $\emptyset$			<i>Lithelius capreolus</i> Haeckel, 1887: 694	Living
S		1	1	S			<i>Lithelius foremanae</i> Sanfilippo & Riedel, 1973: 522	Middle Paleocene-e. Middle Eocene
S		1	1	S			<i>Lithelius klingi</i> Kamikuri, 2010: 95	e. Late Miocene-Early Pleistocene
S		1	1	S			<i>Lithelius mashalli</i> Hollis, 1997: 44	Early Paleocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Lithelius minor</i> Jørgensen, 1900: 65	Living
S		1	1	S			<i>Lithelius nautiloides</i> Popofsky, 1908: 230	Living
S		1	1	S			<i>Lithelius nautiloides cyclicus</i> Popova in Tochilina <i>et al.</i> , 1988: 47	I. Late Miocene
S		1	1	S			<i>Lithelius nerites</i> Tan & Su, 1982: 162	Holocene
S		1	1	S			<i>Lithelius obscurus</i> Popofsky, 1908: 231	Living
S		1	1	S			<i>Lithelius primordialis</i> Hertwig, 1879: 182, 272, 274	Living
S		1	1	S			<i>Lithelius? riedeli</i> Petrushevskaya, 1967: 55	Living
S nd		1	1	S		Td	<i>Lithelius solaris</i> Haeckel, 1887: 695	[Quaternary]
S hom		0	1	Su			<i>Lithelius spiralis</i> Haeckel, 1861b: 843	Living
S hom		1	0	Sf	syn	T	<i>Lithelius spiralis</i> Haeckel, 1862: 519, 557	Living
S		1	1	Sn			<i>Lithelius haeckelspiralis</i> Matsuzaki <i>et al.</i> , 2015: 37	Middle Pleistocene-Late Pleistocene
S nd		0	1	Sø			<i>Lithelius spiralis</i> var. <i>simplex</i> Jørgensen, 1900: 66	Living
S nd		1	1	S			<i>Lithelius xanthiformis</i> Tan & Su, 1982: 162	Holocene
N nn		0	0	Sp	pre		<i>Lithobotrys acuta</i> Ehrenberg, 1847: 48	
N nd		0	1	Sø			<i>Lithobotrys acuta</i> Ehrenberg, 1874b: 237	I. Middle Eocene
N nd		1	0	Sf	syn		<i>Lithobotrys acuta</i> Suzuki <i>et al.</i> , 2009a	I. Middle Miocene
N		1	0	Sf			<i>Lithobotrys adspersa</i> Ehrenberg, 1854d	I. Middle Eocene
N		0	1	Sd	syn		<i>Lithobotrys adspersa</i> Haeckel, 1862: 343	
N		0	1	Su			<i>Lithobotrys biceps</i> Ehrenberg, 1873a: 314	Holocene
N		1	0	Sf	syn		<i>Lithobotrys biceps</i> Ehrenberg, 1873b: 294-295	Holocene
N nn		0	0	Sø			<i>Lithobotrys biloba?</i> Ehrenberg, 1856: 428	Late Miocene?
N		0	1	Su			<i>Lithobotrys borealis</i> Ehrenberg, 1862b: 300	Holocene
N		1	0	Sf	syn		<i>Lithobotrys borealis</i> Ehrenberg, 1873b: 294-295	Holocene
N nd		0	1	Sø			<i>Lithobotrys borealis</i> var. $\beta$ Ehrenberg, 1862b: 300	Holocene
N nd		0	1	Sø			<i>Lithobotrys borealis</i> var. $\alpha$ Ehrenberg, 1862b: 300	Holocene
N nn		0	0	Sp	pre		<i>Lithobotrys cribrosa</i> Ehrenberg, 1842: 266	
N		0	1	Su			<i>Lithobotrys cribrosa</i> Ehrenberg, 1874b: 237	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithobotrys cribrosa</i> Ehrenberg, 1876: 76-77	I. Middle Eocene
N		0	1	Su			<i>Lithobotrys? denticulata</i> Ehrenberg, 1844b: 203	Living
N		1	0	Sf	syn	T	<i>Lithopera denticulata</i> Ehrenberg, 1873b: 296-297	Living
N		0	1	Su			<i>Lithobotrys galea</i> Ehrenberg, 1844a: 83	[Miocene]
N		1	0	Sf	syn	T	<i>Lithocorythium galea</i> Ehrenberg, 1854d	I. Middle Miocene
N		0	1	Su			<i>Lithobotrys geminata</i> Ehrenberg, 1874b: 238	I. Middle Eocene
N		1	0	Sf	syn	Ts Th	<i>Lithobotrys geminata</i> Ehrenberg, 1876: 76-77	I. Middle Eocene
N		1	1	S			<i>Lithobotrys homunculus</i> Popofsky, 1913: 317, 414	Living
N		1	1	S		T	<i>Lithobotrys inflatum</i> Bailey, 1856: 5	Living
N		1	1	S			<i>Lithobotrys korenevae</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 156	e. Early Miocene-e. Late Miocene
N nd		0	1	Sø			<i>Lithobotrys lithocorythium</i> Haeckel, 1887: 1118	[I. Middle Eocene]
N		1	1	S			<i>Lithobotrys mascula</i> Haeckel, 1887: 1119	[Quaternary]
N nn		0	0	Sp	pre		<i>Lithobotrys najadum</i> Ehrenberg, 1854a: table	
N nd		0	1	Sø			<i>Lithobotrys najadum</i> Ehrenberg, 1854b: 244	Holocene
N		0	1	Su			<i>Lithobotrys nasuta</i> Ehrenberg, 1874b: 238	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithobotrys nasuta</i> Ehrenberg, 1876: 76-77	I. Middle Eocene
N		0	1	Su			<i>Lithobotrys nucula</i> Ehrenberg, 1874b: 238	I. Middle Eocene
N		1	0	Sf	syn	T	<i>Lithobotrys nucula</i> Ehrenberg, 1876: 76-77	I. Middle Eocene
N		1	1	S			<i>Lithobotrys orchidea</i> Haeckel, 1887: 1119	[Quaternary]
N		0	1	Su			<i>Lithobotrys ornata</i> Ehrenberg, 1874b: 238	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithobotrys ornata</i> Ehrenberg, 1876: 76-77	I. Middle Eocene
N nd		0	1	Sø		Td	<i>Lithobotrys quadriloba</i> Ehrenberg, 1844a: 84	[Miocene]
N		1	1	S			<i>Lithobotrys sphaerothorax</i> Haeckel, 1887: 1119	[Quaternary]
N		0	1	Su			<i>Lithobotrys stiligera</i> Ehrenberg, 1874b: 238	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithobotrys stiligera</i> Ehrenberg, 1876: 76-77	I. Middle Eocene
N		0	1	Su			<i>Lithobotrys triloba</i> Ehrenberg, 1844a: 84	[Miocene]
N		1	0	Sf	syn		<i>Lithobotrys triloba</i> Ehrenberg, 1854d	I. Early Miocene
N nd		1	1	S		Td	<i>Lithocampana lithoconella</i> Clark & Campbell, 1942: 66	e. Middle Eocene
N		1	1	S			<i>Lithocampe (Lithocampium) modeloensis</i> Campbell & Clark, 1944: 59	e. Late Miocene
N		1	1	S			<i>Lithocampe (Lithocampium) modeloensis longa</i> Campbell & Clark, 1944: 59	e. Late Miocene
N nd		1	1	S			<i>Lithocampe (Lithocampula) minuta</i> Clark & Campbell, 1942: 93	e. Middle Eocene
N		1	1	S			<i>Lithocampe (Lithocampula) uephelos</i> Clark & Campbell, 1945: 50	e. Middle Eocene
N nd		0	1	Su			<i>Lithocampe aculeata</i> Ehrenberg, 1844c: 269	[Tertiary]
N nd		1	0	Sf	syn	Td	<i>Lithocampe aculeata</i> Suzuki <i>et al.</i> , 2009a	[Tertiary]
N		0	1	Su			<i>Lithocampe acuminata</i> Ehrenberg, 1844a: 84	[Miocene]
N		1	0	Sf	syn	T	<i>Eucyrtidium acuminatum</i> Ehrenberg, 1854d	Holocene
N		0	1	Su			<i>Lithocampe? ampullacea</i> Ehrenberg, 1874b: 238	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithocampe? ampullacea</i> Ehrenberg, 1876: 76-77	I. Middle Eocene
N		0	1	Su			<i>Lithocampe anomala</i> Haeckel, 1861b: 839	Living
N		1	0	Sf	syn	T	<i>Eucyrtidium anomalum</i> Haeckel, 1862: 323	Living
N		0	1	Su			<i>Lithocampe antarctica</i> Ehrenberg, 1844b: 204	Holocene
N		1	0	Sf	syn		<i>Lithocampe antarctica</i> Suzuki <i>et al.</i> , 2009a	[Quaternary]
N nd		1	1	S			<i>Lithocampe apenninica</i> Vinassa de Regny, 1900: 588	I. Early Miocene



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nn	0	0	Sø			<i>Lithocampe aspera</i> Ehrenberg, 1861b: 823	Holocene
N	nn	0	0	Sø			<i>Lithocampe auricula</i> Ehrenberg, 1847: 43	Late Eocene
N		0	1	Su			<i>Lithocampe aurita</i> Ehrenberg, 1844a: 84	[Miocene]
N		1	0	Sf	syn	Ts	<i>Eucyrtidium auritum</i> Ehrenberg, 1854d	I. Middle Miocene
N	nn	0	0	Sp	pre		<i>Lithocampe australis</i> Ehrenberg, 1844b: 187	
N		0	1	Su			<i>Lithocampe australis</i> Ehrenberg, 1873b: 294-295	Living
N		1	0	Sf	syn		<i>Lithocampe australis</i> Suzuki <i>et al.</i> , 2009a	Living
N		1	1	S			<i>Lithocampe biconica</i> Vinassa de Regny, 1900: 588	I. Early Miocene
N		1	1	S			<i>Lithocampe chytra</i> Tan & Su, 2003: 225	Holocene
N		0	1	Su			<i>Lithocampe? clava</i> Ehrenberg, 1874b: 238	I. Middle Eocene
N		1	0	Sf	syn	T	<i>Lithocampe? clava</i> Ehrenberg, 1876: 76-77	I. Middle Eocene
N		1	1	S			<i>Lithocampe compressa</i> Stöhr, 1880: 103	[e. Late Miocene]
N		1	1	S			<i>Lithocampe corbula</i> Harting, 1863: 12	[Quaternary]
N		1	1	S			<i>Lithocampe diploconus</i> Haeckel, 1887: 1505	[Quaternary]
N		1	1	S			<i>Lithocampe eminens</i> Stöhr, 1880: 102	[e. Late Miocene]
N		1	1	S			<i>Lithocampe fimbriata</i> Stöhr, 1880: 103	[e. Late Miocene]
N	nd	0	1	Sø			<i>Lithocampe fusiformis</i> Haeckel, 1887: 1503	[Quaternary]
N		0	1	Su			<i>Lithocampe galea</i> Haeckel, 1861b: 838	Living
N		1	0	Sf	syn		<i>Eucyrtidium galea</i> Haeckel, 1862: 542, 324	Living
N		1	1	S			<i>Lithocampe globicephala</i> Vinassa de Regny, 1900: 588	I. Early Miocene
N		1	1	S			<i>Lithocampe? granulata</i> Petrushevskaya, 1977: 18	Early Paleogene
N		1	1	S			<i>Lithocampe heptacola</i> Haeckel, 1887: 1508	[Quaternary]
N		1	1	S			<i>Lithocampe hexacola</i> Haeckel, 1887: 1507	[Quaternary]
N		0	1	Su			<i>Lithocampe hirundo</i> Ehrenberg, 1840: 200	[Miocene]
N		1	0	Sf	syn		<i>Lithornithium hirundo</i> Ehrenberg, 1854d	
N		0	1	Su			<i>Lithocampe lagena</i> Haeckel, 1861b: 839	Living
N		1	0	Sf	syn		<i>Eucyrtidium lagena</i> Haeckel, 1862: 325, 540	Living
N		1	1	S			<i>Lithocampe latissima</i> Kim, 1992: 44	Early Paleocene-Early Oligocene
N		0	1	Su			<i>Lithocampe lineata</i> Ehrenberg, 1839a: 130	
N		1	0	Sf	syn		<i>Eucyrtidium lineatum</i> Ehrenberg, 1854d	I. Middle Miocene
N		1	1	S			<i>Lithocampe marylandica</i> Martin, 1904: 450	Miocene
N		1	1	S			<i>Lithocampe meta</i> Stöhr, 1880: 103	[e. Late Miocene]
N		1	1	S			<i>Lithocampe micropyla</i> Vinassa de Regny, 1900: 587	I. Early Miocene
N	nd	1	1	S			<i>Lithocampe multipora</i> Vinassa de Regny, 1900: 588	I. Early Miocene
N		1	1	S			<i>Lithocampe octocola</i> Haeckel, 1887: 1508	[Quaternary]
N		1	1	S			<i>Lithocampe ovata</i> Haeckel, 1887: 1504	[Quaternary]
N	nd	1	1	S			<i>Lithocampe ovum</i> Vinassa de Regny, 1900: 588	I. Early Miocene
N	nd	0	1	Sø			<i>Lithocampe polycola</i> Haeckel, 1887: 1508	[Quaternary]
N		0	1	Su			<i>Lithocampe punctata</i> Ehrenberg, 1844a: 84	[Miocene]
N		1	0	Sf	syn	Ts	<i>Eucyrtidium punctatum</i> Ehrenberg, 1854d	I. Middle Miocene
N	nd	0	1	Sø			<i>Lithocampe punctata</i> var. $\beta$ Ehrenberg, 1844a: 84	[Miocene]
N		0	1	Su			<i>Lithocampe radricula</i> Ehrenberg, 1839a: 130	I. Middle Miocene
N		1	0	Sf	syn	T	<i>Lithocampe radricula</i> Ehrenberg, 1839b: 128	I. Middle Miocene
N	nn	1	0	S			<i>Lithocampe radricula integra</i> Ehrenberg in Suzuki <i>et al.</i> , 2009a	I. Middle Miocene
N	nd	1	1	S			<i>Lithocampe sinuosum</i> Harting, 1863: 12	[Quaternary]
N	nn	0	0	Sø			<i>Lithocampe solida</i> Ehrenberg, 1873b: 158, 296-297	Holocene
N		0	1	Su			<i>Lithocampe solitaria</i> Ehrenberg, 1839a: 130	[Miocene]
N		1	0	Sf	syn	T	<i>Carpocanium solitarium</i> Ehrenberg, 1854d	I. Middle Miocene
N	nd	0	1	Sø			<i>Lithocampe? stiligera</i> Ehrenberg, 1845: 78	[Miocene]
N		1	1	S		Ts	<i>Lithocampe subligata</i> Stöhr, 1880: 102	[e. Late Miocene]
N	nn	0	0	Sp	pre		<i>Lithocampe tropeziana</i> Müller, 1859a: 154	
N		1	1	S			<i>Lithocampe tropeziana</i> Müller, 1859b: 42	Living
N		1	1	S			<i>Lithocampe turgida</i> Krasheninnikov, 1960: 301	Early Eocene
N	nd	1	1	S			<i>Lithocampe urceolata</i> Haeckel, 1887: 1507	[Quaternary]
N		1	1	S			<i>Lithocampe wharanui</i> Hollis, 1997: 76	Early Paleocene
S		1	1	S			<i>Lithocarpium monikae</i> Petrushevskaya, 1975: 572	Early Oligocene
S		1	1	S		Ts	<i>Lithocarpium pyriforme</i> Stöhr, 1880: 97	e. Middle Miocene
N		1	1	S			<i>Lithochytris (Lithochytridium) cheopsis</i> Clark & Campbell, 1942: 81	e. Middle Eocene
N		1	1	S			<i>Lithochytris archaea</i> Riedel & Sanfilippo, 1970: 528	Early Eocene
N		1	1	S			<i>Lithochytris barbadensis</i> Ehrenberg, 1876: 76-77, 160	
N		1	1	S			<i>Lithochytris cortina</i> Haeckel, 1887: 1362	[Quaternary]
N		1	1	S			<i>Lithochytris galeata</i> Haeckel, 1887: 1363	[Quaternary]
N	nd	1	1	S			<i>Lithochytris lanterna</i> Haeckel, 1887: 1364	[Quaternary]
N		1	1	S			<i>Lithochytris lucerna</i> Haeckel, 1887: 1364	[Quaternary]
N		0	1	Su			<i>Lithochytris pileata</i> Ehrenberg, 1874b: 239	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithochytris pileata</i> Ehrenberg, 1876: 76-77	I. Middle Eocene
N		1	1	S			<i>Lithochytris pteropus</i> Haeckel, 1887: 1364	[Early Miocene]
N		0	1	Su			<i>Lithochytris pyramidalis</i> Ehrenberg, 1874b: 239	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithochytris pyramidalis</i> Ehrenberg, 1876: 76-77	
N		1	1	S		Ts	<i>Lithochytris pyriformis</i> Haeckel, 1887: 1362	[Quaternary]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		0	1	Su			<i>Lithochytris tripodium</i> Ehrenberg, 1874b: 239	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithochytris tripodium</i> Ehrenberg, 1876: 76-77	I. Middle Eocene
N		0	1	Su			<i>Lithochytris vespertilio</i> Ehrenberg, 1874b: 239	I. Middle Eocene
N		1	0	Sf	syn	T	<i>Lithochytris vespertilio</i> Ehrenberg, 1876: 76-77	I. Middle Eocene
N		0	1	Su			<i>Lithocircus annularis</i> Müller, 1856: 484	Living
N		1	0	Sf	syn	T	<i>Lithocircus annularis</i> Müller, 1859b: 29	Living
N		1	1	S			<i>Lithocircus annulus</i> Harting, 1863: 17	[Quaternary]
N		1	1	S			<i>Lithocircus crambessa</i> Haeckel, 1887: 944	[Quaternary]
N		1	1	S			<i>Lithocircus decimalis</i> Haeckel, 1887: 944	Living
N	nd	0	1	Sø			<i>Lithocircus dentatopunctatus</i> Seguenza, 1880: 233	Early Pliocene
N	nd	0	1	Sø			<i>Lithocircus furcatus</i> Haeckel, 1887: 945	[Quaternary]
N		1	1	S			<i>Lithocircus hexablastus</i> Haeckel, 1887: 944	[Quaternary]
N		1	1	S			<i>Lithocircus magnificus</i> Haeckel, 1887: 945	Living
N		1	1	S		T	<i>Lithocircus productus</i> Hertwig, 1879: 197, 272, 275	Living
N		1	1	S			<i>Lithocircus quadricornis</i> Haeckel, 1887: 944	[Quaternary]
N		1	1	S			<i>Lithocircus tarandus</i> Haeckel, 1887: 944	Living
N		0	1	Su			<i>Lithocircus vinculatus</i> Müller, 1856: 484	Living
N		1	0	Sf	syn	T	<i>Acanthodesmia vinculata</i> Müller, 1859b: 30	Living
N		1	1	S		Ts	<i>Lithocoronis challengerii</i> Haeckel in Tizard et al., 1885: 225	
N	nd	0	1	Su			<i>Lithocorythium cephalodes</i> Ehrenberg, 1874b: 240	I. Middle Eocene
N	nd	1	0	Sf	syn		<i>Lithocorythium cephalodes</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		1	1	S			<i>Lithocorythium oxylophos</i> Ehrenberg, 1847: 55	I. Middle Eocene
N		1	0	Sf			<i>Lithocorythium platylophos</i> Ehrenberg, 1854d	I. Middle Eocene
N		0	1	Sd	syn		<i>Lithocorythium platylophos</i> Haeckel, 1862: 330	
N		1	1	S			<i>Lithocubus astragalus</i> Haeckel, 1887: 1012	[Quaternary]
N		1	1	S		T	<i>Lithocubus geometricus</i> Haeckel, 1887: 1011	[Quaternary]
N	nd	0	1	Sø			<i>Lithocubus octacanthus</i> Haeckel, 1887: 1011	Living
S	nn	0	0	Sp	pre		<i>Lithocyclus amphitrites</i> Ehrenberg, 1854a: table	
S		0	1	Su			<i>Lithocyclus amphitrites</i> Ehrenberg, 1854b: 244	Holocene
S		1	0	Sf	syn		<i>Lithocyclus amphitrites</i> Suzuki et al., 2009a	Holocene
S	nd	0	1	Sø			<i>Lithocyclus cingulata</i> Haeckel, 1887: 459	[Quaternary]
S		1	1	S			<i>Lithocyclus crux</i> Moore, 1971: 737	Early Oligocene-Late Oligocene
S	nd	0	1	Sø			<i>Lithocyclus heteropora</i> Haeckel, 1887: 460	[Quaternary]
S		1	1	S			<i>Lithocyclus lenticula</i> Haeckel, 1887: 459	Late Oligocene
S	nd	1	1	S			<i>Lithocyclus monococcus</i> Haeckel, 1887: 460	[Quaternary]
S		1	0	S		T	<i>Lithocyclus ocellus</i> Ehrenberg, 1854d	I. Middle Eocene
S	nd	1	1	S			<i>Lithocyclus reticulata</i> Harting, 1863: 11	[Quaternary]
S		0	1	Su			<i>Lithocyclus stella</i> Ehrenberg, 1874b: 240	I. Middle Eocene
S		1	0	Sf	syn		<i>Lithocyclus stella</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
W	nd	0	1	Sø			<i>Litholophus ligurinus</i> Haeckel, 1865: 359, 366	Living
N		1	1	S			<i>Lithomelissa (Acromelissa) acutispina</i> Clark & Campbell, 1942: 69	e. Middle Eocene
N		1	1	S			<i>Lithomelissa (Acromelissa) charlestonensis</i> Clark & Campbell, 1945: 37	e. Middle Eocene
N		1	1	S			<i>Lithomelissa (Acromelissa) subacuta</i> Clark & Campbell, 1945: 37	e. Middle Eocene
N		1	1	S			<i>Lithomelissa (Acromelissa) subacuta advena</i> Clark & Campbell, 1945: 37	e. Middle Eocene
N		1	1	S			<i>Lithomelissa (Acromelissa) subacuta</i> Clark & Campbell, 1945: 37	e. Middle Eocene
N		1	1	S			<i>Lithomelissa (Micromelissa) bifurcata</i> Clark & Campbell, 1942: 70	e. Middle Eocene
N		1	1	S			<i>Lithomelissa (Sethomelissa) campanulaeformis</i> Campbell & Clark, 1944: 41	e. Late Miocene
N	nn	0	0	Sø			<i>Lithomelissa aculeata</i> Bütschli, 1882b: 520	[Eocene]
N		1	1	S			<i>Lithomelissa? aitai</i> Hollis, 1997: 56	Early Paleocene
N		1	1	S			<i>Lithomelissa alata</i> Grigoryeva, 1975: 106	Early Paleocene
N	nd	1	1	S			<i>Lithomelissa amphora</i> Stöhr, 1880: 100	[e. Late Miocene]
N		0	1	Su			<i>Lithomelissa? bicornis</i> Ehrenberg, 1862b: 300	Holocene
N		1	0	Sf	syn		<i>Lithomelissa? bicornis</i> Ehrenberg, 1873b: 296-297	Holocene
N		1	1	S			<i>Lithomelissa? brevispicula</i> Popofsky, 1908: 279	Living
N		1	1	S			<i>Lithomelissa buetschli</i> Haeckel, 1887: 1207	[Quaternary]
N		1	1	S			<i>Lithomelissa? capitata</i> Popofsky, 1908: 278	Living
N		0	1	Su			<i>Lithomelissa capito</i> Ehrenberg, 1874b: 240	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithomelissa capito</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		1	1	S			<i>Lithomelissa celsagula</i> Renaudie & Lazarus, 2015: 199	Late Oligocene-Late Miocene
N		1	1	S			<i>Lithomelissa challengerii</i> Chen, 1974: 486	Oligocene
N		1	1	S			<i>Lithomelissa cheni</i> Caulet, 1991: 533	Early Oligocene-I. Middle Miocene
N		0	1	Su			<i>Lithomelissa corythium</i> Ehrenberg, 1874b: 240	I. Middle Eocene
N		1	0	Sf	syn	T Th	<i>Lithomelissa corythium</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		1	1	S			<i>Lithomelissa curta</i> Kozlova, 1999: 105	Late Paleocene-Early Eocene?
N		1	1	S			<i>Lithomelissa cylindrica</i> Popofsky, 1913: 415	Living
N		1	1	S			<i>Lithomelissa decacantha</i> Haeckel, 1887: 1208	Living
N		1	1	S			<i>Lithomelissa dupliophysa</i> Caulet, 1991: 534	Early Oligocene-Late Oligocene
N		1	1	S			<i>Lithomelissa ehrenbergi</i> Bütschli, 1882b: 517	[Eocene]
N		1	1	S			<i>Lithomelissa gelasinus</i> O'Connor, 1997a: 71	Early Oligocene-Late Oligocene
N		1	0	Sf			<i>Lithomelissa haeckeli</i> Bütschli, 1882b	[Eocene]

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		0	1	Sd	syn		<i>Lithomelissa haeckelii</i> Haeckel, 1887: 1207	
N		1	0	Sf			<i>Lithomelissa hertwigi</i> Bütschli, 1882b	[Eocene]
N		0	1	Sd	syn		<i>Psilomelissa hertwigii</i> Haeckel, 1887: 1209	
N		1	1	S			<i>Lithomelissa horrida</i> Popofsky, 1917: 275	Living
N		0	1	Su			<i>Lithomelissa hystrix</i> Jørgensen, 1900: 83	Living
N		1	0	Sf	syn		<i>Lithomelissa hystrix</i> Jørgensen, 1905: 136	Living
N		1	1	S			<i>Lithomelissa joergenseni</i> Popofsky, 1908: 275	Living
N	nd	1	1	S			<i>Lithomelissa joergenseni alata</i> Popofsky, 1908: 277	Living
N		1	1	S			<i>Lithomelissa kozoi</i> Renaudie & Lazarus, 2013: 73	Early Pliocene-Holocene
N		1	1	S			<i>Lithomelissa laticeps</i> Jørgensen, 1905: 135	Living
N		1	1	S			<i>Lithomelissa lautouri</i> O'Connor, 1999: 16	Late Eocene
N	nd	0	1	Sø			<i>Lithomelissa macroceras</i> Haeckel, 1887: 1204	[Quaternary]
N		0	1	Su			<i>Lithomelissa macroptera</i> Ehrenberg, 1874b: 241	l. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Lithomelissa macroptera</i> Ehrenberg, 1876: 78-79	l. Middle Eocene
N		1	1	S			<i>Lithomelissa matschigarica</i> Vitukhin, 1993: 78	e. Middle Miocene
N		1	1	S			<i>Lithomelissa maurenae</i> O'Connor, 1997a: 72	Early Oligocene
N	nn	0	0	Sp	pre		<i>Lithomelissa mediterranea</i> Müller, 1859a: 154	
N		1	1	S			<i>Lithomelissa mediterranea</i> Müller, 1859b: 45	Living
N		1	0	S		T	<i>Lithomelissa microptera</i> Ehrenberg, 1854d	l. Middle Eocene
N	nd	0	1	Sø			<i>Lithomelissa microstoma</i> Haeckel, 1887: 1205	[Eocene]
N		1	1	S			<i>Lithomelissa mitra</i> Bütschli, 1882b: 520	[Eocene]
N		1	1	S			<i>Lithomelissa monoceras</i> Popofsky, 1913: 335	Living
N		1	1	S			<i>Lithomelissa nana</i> Popofsky, 1913: 336	Living
N		1	1	S			<i>Lithomelissa nikitinae</i> Zagorodnyuk, 1978: 56	Eocene
N		1	1	S			<i>Lithomelissa porosa</i> Kozlova, 1999: 106	Middle Eocene
N	nd	0	1	Sø			<i>Lithomelissa pycnoptera</i> Haeckel, 1887: 1205	[Quaternary]
N		1	1	S			<i>Lithomelissa robusta</i> Chen, 1975: 457	Oligocene
N		1	1	S			<i>Lithomelissa setosa belonophora</i> Jørgensen, 1900: 82	Living
N		1	1	S			<i>Lithomelissa sphaerocephalis</i> Chen, 1975: 457	Early Oligocene
N		1	1	S			<i>Lithomelissa spinosissima</i> Tan & Tchang, 1976: 309	Living
N		1	1	S		T	<i>Lithomelissa spongiosa</i> Bütschli, 1882b: 517	[Eocene]
N		1	1	S			<i>Lithomelissa stigi</i> Bjørklund, 1976a: 1125	e. Late Miocene
N	nn	0	0	Sp	pre		<i>Lithomelissa tartari</i> Ehrenberg, 1854a: table	
N	nd	0	1	Sø			<i>Lithomelissa tartari</i> Ehrenberg, 1854b: 245	Holocene
N		0	1	Su			<i>Lithomelissa thoracites</i> Haeckel, 1861b: 836	Living
N		1	0	Sf	syn	Ts Th	<i>Lithomelissa thoracites</i> Haeckel, 1862: 301, 541	Living
N		1	1	S			<i>Lithomelissa tricornis</i> Chen, 1975: 458	Oligocene
N		1	1	S			<i>Lithomelissa trifoliolata</i> Funakawa, 1995b: 217	Late Oligocene-Early Miocene
N		1	1	S			<i>Lithomelissa ultima</i> Caulet, 1979: 129	Early Miocene?-Late Pliocene
N		0	1	Su			<i>Lithomelissa ventricosa</i> Ehrenberg, 1874b: 241	l. Middle Eocene
N		1	0	Sf	syn		<i>Lithomelissa ventricosa</i> Ehrenberg, 1876: 78-79	l. Middle Eocene
N		1	1	S			<i>Lithomelissa vespa</i> Renaudie & Lazarus, 2012: 48	Middle Miocene-Late Miocene
S		1	1	S			<i>Lithomespilus flammabundus</i> Haeckel, 1887: 303	[Quaternary]
S	nd	1	1	S			<i>Lithomespilus flammeus</i> Haeckel, 1887: 302	
S		1	1	S		T	<i>Lithomespilus phloginus</i> Haeckel, 1887: 302	[Quaternary]
S		1	1	S			<i>Lithomespilus phlogoides</i> Haeckel, 1887: 302	[Quaternary]
S	nd	1	1	S			<i>Lithomespilus rarus</i> Carnevale, 1908: 19, 44	e. Middle Miocene
N		1	1	S			<i>Lithomitra (Lithomitrella) altamiraensis</i> Campbell & Clark, 1944: 53	e. Late Miocene
N		1	1	S			<i>Lithomitra (Lithomitrisa) biconvexa</i> Campbell & Clark, 1944: 54	e. Late Miocene
N		1	1	S			<i>Lithomitra (Lithomitrisa) bramlettei</i> Campbell & Clark, 1944: 53	e. Late Miocene
N	nd	1	1	S			<i>Lithomitra (Lithomitrisa) elizabethae</i> Clark & Campbell, 1942: 92	e. Middle Eocene
N	nd	1	1	S			<i>Lithomitra (Lithomitrisa) kleinpelli</i> Campbell & Clark, 1944: 55	e. Late Miocene
N	nd	1	1	S			<i>Lithomitra (Lithomitrisa) oxnardensis</i> Campbell & Clark, 1944: 55	e. Late Miocene
N	nd	1	1	S			<i>Lithomitra (Lithomitrisa) sacculifera</i> Clark & Campbell, 1945: 50	e. Middle Eocene
N		1	1	S			<i>Lithomitra (Lithomitrisa) schencki</i> Campbell & Clark, 1944: 54	e. Late Miocene
N	nd	1	1	S			<i>Lithomitra (Lithomitrisa) urnula</i> Clark & Campbell, 1942: 91	e. Middle Eocene
N		1	1	S			<i>Lithomitra chrysalis</i> Haeckel, 1887: 1485	[Quaternary]
N	nn	1	1	S			<i>Lithomitra clevei</i> Petrushevskaya, 1969a: 146	Quaternary
N	nd	0	1	Sø			<i>Lithomitra cylindrica</i> Haeckel, 1887: 1485	[Quaternary]
N		1	1	S			<i>Lithomitra docilis</i> Foreman, 1973: 431	Early Paleocene-Early Oligocene
N	nd	1	1	S			<i>Lithomitra embrionalis</i> Vinassa de Regny, 1900: 586	l. Early Miocene
N		1	1	S			<i>Lithomitra eruca</i> Haeckel, 1887: 1485	[Quaternary]
N		1	1	S		Ts	<i>Lithomitra infundibulum</i> Haeckel, 1887: 1487	[Quaternary]
N	nd	1	1	S			<i>Lithomitra laevigata</i> Principi, 1909: 17	Middle Miocene
N		1	1	S			<i>Lithomitra micropora</i> Shilov, 1995b: 126	l. Middle Eocene-Oligocene
N		1	1	S			<i>Lithomitra nodosaria</i> Haeckel, 1887: 1484	[Quaternary]
N		1	1	S			<i>Lithomitra vanhoeffeni</i> Popofsky, 1908: 296	Living
N		1	1	S			<i>Lithomitrella elizabethae plicata</i> Petrushevskaya & Kozlova, 1979: 153	Late Eocene-Early Oligocene
N		1	1	S			<i>Lithomitrella insensis</i> Kozlova, 1983: 97	Paleocene
N		1	1	S			<i>Lithomitrella pseudogranulata</i> Kozlova, 1999: 140	Early Paleocene



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Lithomitrella septata</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 152	Late Eocene–Early Oligocene
N		1	1	S			<i>Lithomitrella stathmeporooides</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 150	Early Oligocene
N		1	1	S			<i>Lithomitrisa conica</i> Vitukhin, 1993: 80	Early Oligocene
N		1	1	S		T	<i>Lithopera (Glomaria) baueri</i> Sanfilippo & Riedel, 1970: 455	I. Middle Miocene
N		1	1	S			<i>Lithopera (Glomaria) thornburgi</i> Sanfilippo & Riedel, 1970: 455	I. Middle Miocene
N		1	1	S			<i>Lithopera (Lithopera) neotera</i> Sanfilippo & Riedel, 1970: 454	Middle Miocene–Late Miocene
N		1	1	S			<i>Lithopera (Lithopera) renzae</i> Sanfilippo & Riedel, 1970: 454	e. Middle Miocene
N		0	1	Su			<i>Lithopera amblyostaurus</i> Ehrenberg, 1874b: 241	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithopera amblyostaurus</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		1	1	S			<i>Lithopera ananassa</i> Haeckel, 1887: 1234	Living
N	nn	0	0	Sp	pre		<i>Lithopera bacca</i> Ehrenberg, 1861a: 768	
N		0	1	Su			<i>Lithopera bacca</i> Ehrenberg, 1873a: 314	Holocene
N		1	0	Sf	syn	T	<i>Lithopera bacca</i> Ehrenberg, 1873b: 296-297	Holocene
N	nn	0	0	Sø			<i>Lithopera biaurita</i> Ehrenberg, 1876: 78	e. Middle Miocene
N		0	1	Su			<i>Lithopera bursella</i> Ehrenberg, 1873a: 315	Holocene
N		1	0	Sf	syn		<i>Lithopera bursella</i> Ehrenberg, 1873b: 296-297	Holocene
N		1	1	S			<i>Lithopera circopora</i> Popofsky, 1913: 356	Living
N		1	1	S			<i>Lithopera crassa</i> Dumitrica, 1978: 243	I. Middle Miocene
N	nd	0	1	Sø			<i>Lithopera globosa</i> Haeckel, 1887: 1234	[Quaternary]
N		0	1	Su			<i>Lithopera gutta</i> Ehrenberg, 1873a: 315	Holocene
N		1	0	Sf	syn		<i>Lithopera gutta</i> Ehrenberg, 1873b: 296-297	Holocene
N		0	1	Su			<i>Lithopera lagena</i> Ehrenberg, 1874b: 241	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithopera lagena</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		1	1	S			<i>Lithopera magna</i> Shastina in Tsoy & Shastina, 1999: 69	I. Early Miocene
N	nn	0	0	Sø			<i>Lithopera nicobarica</i> Ehrenberg, 1876: 78	e. Middle Miocene
N		0	1	Su			<i>Lithopera niduspendulus</i> Ehrenberg, 1874b: 241	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithopera nidus pendulus</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N	nd	0	1	Su			<i>Lithopera oceanica</i> Ehrenberg, 1873a: 315	Holocene
N	nd	1	0	Sf	syn		<i>Lithopera oceanica</i> Ehrenberg, 1873b: 145, 296-297	Holocene
N		0	1	Su			<i>Lithopera oxystauros</i> Ehrenberg, 1874b: 241	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithopera oxystauros</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N	nn	0	0	Sp	pre		<i>Lithopera pyrum</i> Ehrenberg, 1861b: 823	
N	nd	0	1	Sø			<i>Lithopera pyrum</i> Ehrenberg, 1873a: 315	Holocene
N		1	1	S			<i>Lithopera renzae spiculosa</i> Funayama, 1988: 32	I. Middle Miocene
N	nn	0	0	Sø			<i>Lithopera rossica</i> Ehrenberg, 1855b: 305	
N	nn	0	0	Sp	pre		<i>Lithopera setosa</i> Ehrenberg, 1854a: table	
N	nd	0	1	Su			<i>Lithopera? setosa</i> Ehrenberg, 1854b: 245	Holocene
N	nd	1	0	Sf	syn		<i>Lithopera? setosa</i> Ehrenberg, 1854d	Holocene
W		1	1	S			<i>Lithophyllum foliosum</i> Müller, 1859b: 52	Living
N		1	1	S			<i>Lithopilium hexacanthum</i> Popofsky, 1913: 415	Living
N		1	1	S		Ts	<i>Lithopilium macroceras</i> Popofsky, 1913: 377	Living
N		1	1	S			<i>Lithopilium reticulatum</i> Popofsky, 1913: 415	Living
N		1	1	S			<i>Lithopilium sphaerocephalum</i> Popofsky, 1913: 415	Living
W		1	1	S			<i>Lithoptera fenestrata</i> Müller, 1859b: 53	Living
N	nd	0	1	Sø		Td	<i>Lithornithium charontis</i> Ehrenberg, 1854b: 245	Holocene
N		1	1	S			<i>Lithornithium ciconia</i> Haeckel, 1887: 1354	[Quaternary]
N		1	1	S			<i>Lithornithium clausum</i> Popofsky, 1913: 393	Living
N		0	1	Su			<i>Lithornithium dictyoceras</i> Haeckel, 1861b: 840	Living
N		1	0	Sf	syn	T Th	<i>Dictyoceras virchowii</i> Haeckel, 1862: 543	Living
N		1	1	S			<i>Lithornithium falco</i> Haeckel, 1887: 1355	[Early Miocene]
N		0	1	Su			<i>Lithornithium foveolatum</i> Ehrenberg, 1874b: 242	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithornithium foveolatum</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		1	1	S			<i>Lithornithium fringilla</i> Haeckel, 1887: 1355	[Quaternary]
N		1	0	S		Ts Th	<i>Lithornithium loxia</i> Ehrenberg, 1854d	I. Middle Eocene
N		0	1	Su			<i>Lithornithium luscinia</i> Ehrenberg, 1874b: 242	I. Middle Eocene
N		1	0	Sf	syn		<i>Lithornithium luscinia</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N	nd	1	1	S			<i>Lithornithium marujamai</i> Tochilina et al., 1988: 49	Late Pliocene
N		1	1	S			<i>Lithornithium piriforme</i> Popofsky, 1913: 395	Living
N		1	1	S			<i>Lithornithium trochilus</i> Haeckel, 1887: 1355	[Quaternary]
N	nd	1	1	S			<i>Lithostrobos (Cyrtostrobos) turricula</i> Middour in Frizzell & Middour, 1951: 33	Late Paleocene
N	nd	1	1	S			<i>Lithostrobos acuminatus</i> Haeckel, 1887: 1472	Late Eocene
N		1	1	S		T	<i>Lithostrobos botryocyrtilis</i> Haeckel, 1887: 1475	[Quaternary]
N		1	1	S		Ts	<i>Lithostrobos caloceras</i> Haeckel, 1887: 1471	[Quaternary]
N		1	1	S		Ts	<i>Lithostrobos conulus</i> Haeckel, 1887: 1472	[Quaternary]
N		1	1	S			<i>Lithostrobos cornutus</i> Haeckel, 1887: 1474	[Quaternary]
N		1	1	S			<i>Lithostrobos cyrtoceras</i> Haeckel, 1887: 1470	[Quaternary]
N	nd	0	1	Sø			<i>Lithostrobos distichus</i> Haeckel, 1887: 1469	[Early Miocene]
N		1	1	S			<i>Lithostrobos hexagonalis</i> Haeckel, 1887: 1475	[Quaternary]
N		1	1	S		Ts	<i>Lithostrobos hexastichus</i> Haeckel, 1887: 1470	[Quaternary]
N	nd	0	1	Sø			<i>Lithostrobos leptoceras</i> Haeckel, 1887: 1471	[Quaternary]

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Lithostrobos lithobotrys</i> Haeckel, 1887: 1475	[Early Miocene]
N		1	1	S			<i>Lithostrobos longus</i> Grigoryeva, 1975: 107	Early Paleocene
N	nd	0	1	Sø			<i>Lithostrobos macroceras</i> Haeckel, 1887: 1471	[Quaternary]
N	nd	0	1	Sø			<i>Lithostrobos monostichus</i> Haeckel, 1887: 1469	[Quaternary]
N		1	1	S			<i>Lithostrobos parvispina</i> Vinassa de Regny, 1900: 585	I. Early Miocene
N	nd	0	1	Sø			<i>Lithostrobos pentastichus</i> Haeckel, 1887: 1470	[Quaternary]
N	nn	1	0	S			<i>Lithostrobos proprius</i> Gorbunov, 1979	Late Eocene
N	nd	0	1	Sø			<i>Lithostrobos quadratus</i> Haeckel, 1887: 1474	[Quaternary]
N		1	1	S			<i>Lithostrobos seriatus</i> Haeckel, 1887: 1474	[Quaternary]
N		1	1	S			<i>Lithostrobos tetrastichus</i> Haeckel, 1887: 1470	[Quaternary]
N	nn	1	0	S			<i>Lithostrobos turris</i> Gorbunov, 1979	Late Eocene
N	nd	0	1	Sø			<i>Lithotympanum spinosum</i> Haeckel, 1887: 1006	[Quaternary]
N		1	1	S	T	Ti	<i>Lithotympanum tuberosum</i> Haeckel, 1887: 1006	[Quaternary]
E		1	1	S			<i>Lonchosphaera mariae</i> Dumitrica, 2014a: 62	Pliocene-Living
E		1	1	S			<i>Lonchosphaera multispinota</i> Chen <i>et al.</i> , 2017: 271	Late Pleistocene
E		1	1	S			<i>Lonchosphaera shackletoni</i> Renaudie & Lazarus, 2015: 185	Late Miocene
E		1	1	S	T		<i>Lonchosphaera spicata</i> Popofsky, 1908: 218	Living
E		1	1	S			<i>Lonchosphaera? suzukii</i> Renaudie & Lazarus, 2013: 63	e. Early Miocene-Holocene
N		1	1	S			<i>Lophoconus bihastatus</i> Clark & Campbell, 1945: 47	e. Middle Eocene
N	nd	0	1	Sø			<i>Lophoconus cornutella</i> Haeckel, 1887: 1404	[Quaternary]
N	nd	0	1	Sø			<i>Lophoconus hexagonalis</i> Haeckel, 1887: 1404	[Quaternary]
N		1	1	S			<i>Lophoconus rhinoceros</i> Haeckel, 1887: 1405	[Quaternary]
N		1	1	S			<i>Lophoconus titanothericeraos</i> Clark & Campbell, 1942: 89	e. Middle Eocene
N	nd	1	1	S			<i>Lophoconus wetzeli</i> Middour in Frizzell & Middour, 1951: 30	Late Paleocene
N	nd	1	1	S			<i>Lophocorys astrocephala</i> Haeckel, 1887: 1421	[Quaternary]
N	nd	1	1	S			<i>Lophocorys bovicornis</i> Haeckel, 1887: 1422	[Quaternary]
N		1	1	S			<i>Lophocorys norvegiensis</i> Bjørklund & Kellogg, 1972: 388	Late Eocene
N		1	1	S			<i>Lophocorys polyacantha</i> Popofsky, 1913: 400	Living
N	nd	0	1	Sø			<i>Lophocorys quadricornis</i> Haeckel, 1887: 1422	[Quaternary]
N		1	1	S			<i>Lophocyrtis (Apoplanius) kraspera</i> Sanfilippo & Caulet, 1998: 14	e. Middle Eocene-Late Eocene
N		1	1	S	T		<i>Lophocyrtis (Apoplanius) klydus</i> Sanfilippo & Caulet, 1998: 12	Early Eocene-Late Eocene
N		1	1	S			<i>Lophocyrtis (Apoplanius) nomas</i> Sanfilippo & Caulet, 1998: 15	Early Oligocene-Late Oligocene
N		1	1	S			<i>Lophocyrtis (Lophocyrtis) exitelus</i> Sanfilippo, 1990: 300	Late Eocene-Early Oligocene
N		1	1	S			<i>Lophocyrtis (Lophocyrtis) haywardi</i> O'Connor, 1999: 23	Late Eocene
N		1	1	S			<i>Lophocyrtis (Lophocyrtis) jacchia hapsis</i> Sanfilippo & Caulet, 1998: 10	I. Middle Eocene-Late Eocene
N		1	1	S			<i>Lophocyrtis (Lophocyrtis?) zeira</i> Sanfilippo & Caulet, 1998: 11	Early Miocene-I. Middle Eocene
N		1	1	S	T		<i>Lophocyrtis (Paralampterium) dumitricai</i> Sanfilippo, 1990: 308	Early Eocene-Early Oligocene
N		1	1	S			<i>Lophocyrtis (Paralampterium?) galenum</i> Sanfilippo, 1990: 308	Late Oligocene-e. Middle Miocene
N		1	1	S			<i>Lophocyrtis (Paralampterium?) inaequalis</i> O'Connor, 1997a: 76	Early Oligocene-Late Oligocene
N		1	1	S	T		<i>Lophocyrtis (Sciadiopeplus) oberhaensliae</i> Sanfilippo, 1990: 310	Early Oligocene
N		1	1	S			<i>Lophocyrtis? cavifundus</i> Sugiyama & Saito, 1994: 395	Late Oligocene
N		1	1	S			<i>Lophocyrtis gollii</i> Chen, 1974: 490	Early Miocene
N		1	1	S			<i>Lophocyrtis hadra</i> Riedel & Sanfilippo, 1986: 168	Late Eocene
N	nd	0	1	Sø			<i>Lophocyrtis holothuria</i> Haeckel, 1887: 1410	[Early Miocene]
N		1	1	S			<i>Lophocyrtis pallantae</i> Renaudie & Lazarus, 2013: 65	Late Oligocene-Early Miocene
N		1	1	S			<i>Lophocyrtis? pseudojacchia</i> Nishimura, 1992: 342	Middle Paleocene
N		1	1	S			<i>Lophocyrtis regipileus</i> Chen, 1974: 490	Early Miocene-Middle Miocene
N	nd	1	1	S			<i>Lophocyrtis synapta</i> Haeckel, 1887: 1411	Living
N		1	1	S			<i>Lophophaena (Lophophaenula) auriculaleporis</i> Clark & Campbell, 1942: 76	e. Middle Eocene
N		1	1	S			<i>Lophophaena (Lophophaenula) macrencephala</i> Clark & Campbell, 1945: 41	e. Middle Eocene
N		1	1	S			<i>Lophophaena amictoria</i> Renaudie & Lazarus, 2015: 199	Early Miocene-Pleistocene
N		1	1	S			<i>Lophophaena amphora</i> Stöhr, 1880: 99	[e. Late Miocene]
N		0	1	Su			<i>Lophophaena apiculata</i> Ehrenberg, 1874b: 242	I. Middle Eocene
N		1	0	Sf	syn		<i>Lophophaena apiculata</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		0	1	Su			<i>Lophophaena capito</i> Ehrenberg, 1874b: 242	I. Middle Eocene
N		1	0	Sf	syn		<i>Lophophaena capito</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N	nd	0	1	Sø		Td	<i>Lophophaena circumtexta</i> Haeckel, 1887: 1304	[Quaternary]
N		1	1	S			<i>Lophophaena clevei</i> Petrushevskaya, 1971: 107	Holocene
N	nd	0	1	Sø			<i>Lophophaena echinocephala</i> Haeckel, 1887: 1304	[Quaternary]
N		1	1	S			<i>Lophophaena foveolata</i> Zagorodnyuk, 1978: 61	Late Eocene
N	nn	0	0	Sø			<i>Lophophaena galea</i> Ehrenberg, 1854a: table	
N	nd	0	1	Sø		Td	<i>Lophophaena galeaorci</i> Ehrenberg, 1854b: 245	Holocene
N		0	1	Su			<i>Lophophaena galeata</i> Ehrenberg, 1874b: 242	I. Middle Eocene
N		1	0	Sf	syn		<i>Lophophaena? galeata</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		1	1	S			<i>Lophophaena gibba</i> Dumitrica, 1978: 241	e. Middle Miocene
N		1	1	S			<i>Lophophaena? globeacuculla</i> Renaudie & Lazarus, 2015: 203	I. Middle Miocene-Pleistocene
N		1	1	S			<i>Lophophaena kamikuri</i> Renaudie & Lazarus, 2016: 42	Late Pliocene-Pleistocene
N	nd	1	1	S			<i>Lophophaena kojmatensis</i> Moksyakova, 1961: 243	Late Eocene
N		0	1	Su			<i>Lophophaena larvata</i> Ehrenberg, 1874b: 243	I. Middle Eocene
N		1	0	Sf	syn		<i>Lophophaena larvata</i> Ehrenberg, 1876: 78-79	I. Middle Eocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Lophophaena? leberu</i> Renaudie & Lazarus, 2012: 48	Early Miocene-Late Miocene
N	nd	0	1	Sø			<i>Lophophaena liothorax</i> Haeckel, 1887: 1304	[Quaternary]
N		0	1	Su			<i>Lophophaena lynx</i> Ehrenberg, 1874b: 243	I. Middle Eocene
N		1	0	Sf	syn		<i>Lophophaena lynx</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		1	1	S			<i>Lophophaena nadezdae</i> Petrushevskaya, 1971: 111	Living
N		1	1	S			<i>Lophophaena? neuima</i> Renaudie & Lazarus, 2015: 203	Early Miocene-Late Miocene
N		1	1	S			<i>Lophophaena pileata</i> Renaudie & Lazarus, 2015: 201	Early Miocene-Pleistocene
N		0	1	Su			<i>Lophophaena radians</i> Ehrenberg, 1874b: 243	I. Middle Eocene
N		1	0	Sf	syn		<i>Lophophaena radians</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		1	1	S			<i>Lophophaena rhopalica</i> Renaudie & Lazarus, 2016: 42	Early Miocene
N		1	1	S			<i>Lophophaena rioplatensis</i> Boltovskoy <i>et al.</i> , 2003: 1554	Living
N		1	1	S			<i>Lophophaena sibirica</i> Gorbovetz in Petrushevskaya & Kozlova, 1979: 128	Eocene
N		1	1	S			<i>Lophophaena simplex</i> Funakawa, 1994: 465	e. Late Miocene
N		1	1	S			<i>Lophophaena tekopua</i> O'Connor, 1997a: 73	Early Oligocene-Early Miocene
N		1	1	S			<i>Lophophaena? thaumasia</i> Caulet, 1991: 534	Late Oligocene-e. Late Miocene
N		1	1	S			<i>Lophophaena triangula</i> Funakawa, 1994: 466	e. Late Miocene
N		1	1	S			<i>Lophophaenoma arctissa</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 125	Eocene-Early Oligocene
N		1	1	S			<i>Lophophaenoma petrushevskae</i> Caulet, 1974: 232	Pleistocene-Holocene
N		1	1	S			<i>Lophophaenoma witjazii</i> Petrushevskaya, 1971: 118	Holocene
N		1	1	S			<i>Lophospyris cheni</i> Goll, 1976: 402	Holocene
N	nd	0	1	Sø			<i>Lophospyris comosa</i> Haeckel, 1887: 1081	[Quaternary]
N		1	1	S		Ts Th	<i>Lophospyris dipodiscus</i> Haeckel, 1887: 1080	[Quaternary]
N		1	1	S			<i>Lophospyris ivanovi</i> Petrushevskaya, 1971: 254	Living
N		1	1	S			<i>Lychnocanium (Lychnocanella) conicum</i> Clark & Campbell, 1942: 71	e. Middle Eocene
N		1	1	S			<i>Lychnocanium (Lychnocanella) grande</i> Campbell & Clark, 1944: 42	e. Late Miocene
N		1	1	S			<i>Lychnocanium (Lychnocanella) grande brevis</i> Campbell & Clark, 1944: 42	e. Late Miocene
N		1	1	S			<i>Lychnocanium (Lychnocanella) longiapicale</i> Clark & Campbell, 1942: 71	e. Middle Eocene
N		1	1	S			<i>Lychnocanium (Lychnocanissa) bellum</i> Clark & Campbell, 1942: 72	e. Middle Eocene
N	nn	0	0	Sp	pre		<i>Lychnocanium aeaci</i> Ehrenberg, 1861a: 768	
N		0	1	Su			<i>Lychnocanium aeaci</i> Ehrenberg, 1873a: 315	Holocene
N		1	0	Sf	syn		<i>Lychnocanium aeaci</i> Suzuki <i>et al.</i> , 2009a	Holocene
N		1	1	S			<i>Lychnocanium alma</i> O'Connor, 1999: 24	Late Eocene
N		1	1	S			<i>Lychnocanium altum</i> Tochilina <i>et al.</i> , 1988: 50	Late Pliocene
N		1	1	S			<i>Lychnocanium andreae</i> Renaudie & Lazarus, 2016: 37	Early Miocene-Middle Miocene
N		0	1	Su			<i>Lychnocanium arabicum</i> Ehrenberg, 1873a: 316	Holocene
N		1	0	Sf	syn		<i>Lychnocanium arabicum</i> Ehrenberg, 1873b: 296-297	Holocene
N		1	1	S			<i>Lychnocanium bellum longipes</i> Kozlova in Kozlova & Gorbovetz, 1966: 101	Late Eocene
N		1	1	S			<i>Lychnocanium beringium</i> Tochilina, 1985: 113	Late Pleistocene
N		1	1	S			<i>Lychnocanium bipes</i> Riedel, 1959: 294	Late Oligocene-Early Miocene
N		0	1	Su			<i>Lychnocanium campanella</i> Ehrenberg, 1873a: 316	Holocene
N		1	0	Sf	syn		<i>Lychnocanium campanella</i> Ehrenberg, 1873b: 296-297	Holocene
N		0	1	Su			<i>Lychnocanium carinatum</i> Ehrenberg, 1874b: 243	I. Middle Eocene
N		1	0	Sf	syn		<i>Lychnocanium carinatum</i> Ehrenberg, 1876: 78-79	e. Middle Eocene
N		1	1	S		Ts	<i>Lychnocanium clavigerum</i> Haeckel, 1887: 1230	Living
N		1	1	S			<i>Lychnocanium concinnum</i> Mamedov, 1970: 67	Middle Eocene
N		0	1	Su			<i>Lychnocanium continuum</i> Ehrenberg, 1874b: 243	I. Middle Eocene
N		1	0	Sf	syn		<i>Lychnocanium continuum</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		0	1	Su			<i>Lychnocanium crassipes</i> Ehrenberg, 1874b: 244	I. Middle Eocene
N		1	0	Sf	syn		<i>Lychnocanium crassipes</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		0	1	Su			<i>Lychnocanium cypselus</i> Ehrenberg, 1874b: 244	I. Middle Eocene
N		1	0	Sf	syn		<i>Lychnocanium cypselus</i> Ehrenberg, 1876: 78-79	I. Middle Eocene
N		0	1	Su			<i>Lychnocanium depressum</i> Ehrenberg, 1873a: 316	Holocene
N		1	0	Sf	syn		<i>Lychnocanium depressum</i> Ehrenberg, 1873b: 296-297	Holocene
N		1	1	S			<i>Lychnocanium exilis</i> Gorbovetz, 1972: 157	Late Eocene
N		1	0	S		T	<i>Lychnocanium falciferum</i> Ehrenberg, 1854d	I. Middle Eocene
N		1	1	S			<i>Lychnocanium favosum</i> Haeckel, 1887: 1225	[Quaternary]
N	nn	0	0	Sp	pre		<i>Lychnocanium fenestratum</i> Ehrenberg, 1861a: 768	
N		1	1	S			<i>Lychnocanium fenestratum</i> Haeckel, 1887: 1228	[Quaternary]
N		1	1	S			<i>Lychnocanium fortipes</i> Haeckel, 1887: 1227	[Quaternary]
N		1	1	S			<i>Lychnocanium? grande rotunda</i> Tochilina, 1985: 113	Middle Pleistocene
N		1	1	S			<i>Lychnocanium grande rugosum</i> Riedel, 1952: 6	Pliocene
N		0	1	Su			<i>Lychnocanium hamosum</i> Ehrenberg, 1874b: 244	I. Middle Eocene
N		1	0	Sf	syn		<i>Lychnocanium hamosum</i> Ehrenberg, 1876: 78-79	Late Eocene
N		1	1	S			<i>Lychnocanium hirundo</i> Ehrenberg, 1876: 80-81	Late Eocene
N	nd	1	1	S			<i>Lychnocanium isozakiense</i> Nakaseko, 1963: 170	I. Middle Eocene
N	nd	1	1	S			<i>Lychnocanium laesum</i> Kozlova, 1960: 317	Miocene
N		1	1	S		Ts	<i>Lychnocanium lanterna</i> Haeckel, 1887: 1224	[Quaternary]
N		1	1	S		T	<i>Lychnocanium lucerna</i> Ehrenberg, 1847: 55	Middle Late Eocene
N		1	1	S			<i>Lychnocanium neptunei</i> O'Connor, 1997a: 78	Early Oligocene-Late Oligocene
N		1	1	S			<i>Lychnocanium nipponicum</i> Nakaseko, 1963: 168	I. Middle Miocene



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Lychnocanium nodosum</i> Haeckel, 1887: 1225	[Quaternary]
N	nd	1	1	S			<i>Lychnocanium obscurum</i> Moksyakova, 1965: 252	Late Eocene
N		1	1	S			<i>Lychnocanium obtusicorne</i> Vinassa de Regny, 1900: 580	I. Early Miocene
N	nd	0	1	Sø			<i>Lychnocanium ovatum</i> Haeckel, 1887: 1229	[Quaternary]
N		1	1	S			<i>Lychnocanium parvum</i> Principi, 1909: 15	Middle Miocene
N		0	1	Su			<i>Lychnocanium praetextum</i> Ehrenberg, 1873a: 316	Holocene
N		1	0	Sf	syn		<i>Lychnocanium praetextum</i> Ehrenberg, 1873b: 296-297	Holocene
N	nd	1	1	S			<i>Lychnocanium pudicum</i> Haeckel, 1887: 1230	[Quaternary]
N		1	1	S			<i>Lychnocanium? pyramis</i> Li & Matsuoka in Li <i>et al.</i> , 2018: 51	Late Paleocene
N		1	1	S			<i>Lychnocanium pyriforme</i> Haeckel, 1887: 1225	[Eocene]
N	nn	0	0	Sø			<i>Lychnocanium rossicum</i> Ehrenberg, 1855b: 305	
N		1	1	S			<i>Lychnocanium separatum</i> Moksyakova, 1965: 253	Late Eocene
N		1	1	S			<i>Lychnocanium sigmopodium</i> Haeckel, 1887: 1228	[Quaternary]
N		1	1	S			<i>Lychnocanium spinatum</i> Vinassa de Regny, 1900: 580	I. Early Miocene
N		1	1	S			<i>Lychnocanium? stypticum</i> Li & Matsuoka in Li <i>et al.</i> , 2018: 51	Late Paleocene
N		0	1	Su			<i>Lychnocanium tetrapodium</i> Ehrenberg, 1874b: 244	I. Middle Eocene
N		1	0	Sf	syn		<i>Lychnocanium tetrapodium</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N		0	1	Su			<i>Lychnocanium tribulus</i> Ehrenberg, 1874b: 245	I. Middle Eocene
N		1	0	Sf	syn		<i>Lychnocanium tribulus</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N		0	1	Su			<i>Lychnocanium trichopus</i> Ehrenberg, 1874b: 244	I. Middle Eocene
N		1	0	Sf	syn		<i>Lychnocanium trichopus</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N		0	1	Su			<i>Lychnocanium tridentatum</i> Ehrenberg, 1874b: 244	I. Middle Eocene
N		1	0	Sf	syn		<i>Lychnocanium tridentatum</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N		1	1	S			<i>Lychnocanium trifolium</i> Riedel & Sanfilippo, 1971: 1595	Late Oligocene
N		0	1	Su			<i>Lychnocanium tripodium</i> Ehrenberg, 1874b: 245	I. Middle Eocene
N		1	0	Sf	syn		<i>Lychnocanium tripodium</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N		1	1	S			<i>Lychnocanium tuberosum</i> Haeckel, 1887: 1227	[Quaternary]
N		0	1	Su			<i>Lychnocanium turgidum</i> Ehrenberg, 1874b: 245	I. Middle Eocene
N		1	0	Sf	syn		<i>Lychnocanium turgidum</i> Ehrenberg, 1876: 80-81	Late Eocene
N		0	1	Su			<i>Lychnocanium ventricosum</i> Ehrenberg, 1874b: 245	I. Middle Eocene
N		1	0	Sf	syn		<i>Lychnocanium ventricosum</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N		0	1	Su			<i>Lychnocanium vitiazi</i> Dogiel in Dogiel & Reshetnyak, 1952: 18	Living
N		1	0	Sf	syn		<i>Cinclopyramis vitiazi</i> Dogiel in Dogiel & Reshetnyak, 1955: 33	Living
N		1	1	S			<i>Lychnocanium waiareka</i> O'Connor, 1999: 25	Late Eocene
N		1	1	S			<i>Lychnocanium waitaki</i> O'Connor, 1999: 26	Late Eocene
N		1	1	S			<i>Lychnocanium zhamoidai</i> Kozlova, 1999: 130	Late Paleocene?-Early Eocene
N		1	1	S			<i>Lychnocanoma amphitrite</i> Foreman, 1973: 437	Late Eocene
N		1	1	S			<i>Lychnocanoma anacolum</i> Foreman, 1973: 437	Late Paleocene
N		1	1	S			<i>Lychnocanoma apodora</i> Sanfilippo & Nigrini, 1995: 280	Late Oligocene-e. Late Miocene
N		1	1	S			<i>Lychnocanoma auxilla</i> Foreman, 1973: 437	Eocene
N		1	1	S			<i>Lychnocanoma bajunensis</i> Renz, 1984: 459	Middle Eocene
N		1	1	S			<i>Lychnocanoma bandyca</i> Mato & Theyer, 1980: 225	Late Eocene
N		1	1	S			<i>Lychnocanoma? costata</i> Nishimura, 1992: 342	Middle Paleocene
N	nd	1	1	S			<i>Lychnocanoma gracilentata</i> Chen <i>et al.</i> , 2017: 278	Late Pleistocene
N		1	1	S			<i>Lychnocanoma hexagonum</i> Kim, 1982: 47	Late Oligocene
N		1	1	S			<i>Lychnocanoma kamschatica</i> Kamikuri, 2010: 102	I. Middle Miocene
N		1	1	S			<i>Lychnocanoma nipponica magnacornuta</i> Sakai, 1980: 710	I. Middle Miocene
N		1	1	S			<i>Lychnocanoma nipponica sakaii</i> Morley & Nigrini, 1995: 80	Late Pliocene-Pleistocene
N		1	1	S			<i>Lychnocanoma parallelipis</i> Motoyama, 1996: 248	Late Miocene-Early Pliocene
N		1	1	S			<i>Lychnocanoma? parma</i> Sanfilippo & Blome, 2001: 204	Early Eocene
N		1	1	S			<i>Lychnocanoma? pileus</i> Nishimura, 1992: 344	Middle Paleocene
N		1	1	S			<i>Lychnocanoma sphaerothorax</i> Weaver, 1976: 581	Middle Miocene
N		1	1	S			<i>Lychnodictyum? aberrans</i> Campbell & Clark, 1944: 43	e. Late Miocene
N		1	1	S			<i>Lychnodictyum audax</i> Riedel, 1953: 810	Middle Oligocene-Early Pliocene
N		1	1	S			<i>Lychnodictyum pellucidum</i> Tan & Chen, 1999: 312	Holocene
N		1	1	S			<i>Lychnodictyum scaphopodium</i> Haeckel, 1887: 1231	[Quaternary]
N	nd	0	1	Sø			<i>Lychnodictyum sethopodium</i> Haeckel, 1887: 1231	Living
N	nd	1	1	S			<i>Lychnodictyum simplex</i> Vinassa de Regny, 1900: 581	I. Early Miocene
N	nd	0	1	Sø			<i>Lychnodictyum wyvillei</i> Haeckel, 1887: 1231	[Quaternary]
S		1	1	S		T	<i>Lychnosphaera regina</i> Haeckel, 1887: 277	Living
S		1	1	S		Ts	<i>Lychnosphaera tenuis</i> Mast, 1910: 180	Living
N		1	1	S		Ts	<i>Marimoum robustum</i> Funakawa, 1994: 468	e. Late Miocene-Early Pliocene
C	nn	0	0	Sp	pre		<i>Mazosphaera apicata</i> Ehrenberg, 1861a: 768	
C		0	1	Su			<i>Mazosphaera apicata</i> Ehrenberg, 1873a: 316	Holocene
C		1	0	Sf	syn	Ts	<i>Mazosphaera apicata</i> Ehrenberg, 1873b: 296-297	Holocene
C		1	1	S			<i>Mazosphaera hippos</i> Haeckel, 1887: 108	[Quaternary]
C	nn	0	0	Sp	pre		<i>Mazosphaera laevis</i> Ehrenberg, 1861a: 768	
C		0	1	Su			<i>Mazosphaera laevis</i> Ehrenberg, 1873a: 316	Holocene
C		1	0	Sf	syn		<i>Mazosphaera laevis</i> Ehrenberg, 1873b: 296-297	Holocene
C		1	1	S			<i>Mazosphaera lagotis</i> Haeckel, 1887: 108	Living



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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S		T Ts	<i>Melittosphaera (Melittosphaera) hokurikuensis</i> Nakaseko, 1955: 70	I. Early Miocene
S	nd	1	1	S			<i>Melittosphaera (Melittosphaera) magnaporulosa spinulosa</i> Nakaseko, 1955: 72	I. Early Miocene
S		1	1	S			<i>Melittosphaera (Melittosphaera) tonamiensis</i> Nakaseko, 1955: 70	I. Early Miocene
S		1	1	S			<i>Melittosphaera (Phaenicosphaera) yatsuensis</i> Nakaseko, 1955: 72	I. Early Miocene
S		1	1	S			<i>Melittosphaera satoi</i> Nakaseko & Nishimura, 1975: 48	e. Middle Miocene
N		1	1	S			<i>Microcubus amphispyris</i> Haeckel, 1887: 999	[Quaternary]
N	nd	0	1	Sø			<i>Microcubus cornutus</i> Haeckel, 1887: 999	Living
N		1	1	S		Ts	<i>Microcubus dodecastoma</i> Haeckel, 1887: 998	[Quaternary]
N	nd	0	1	Sø			<i>Microcubus pentacircus</i> Haeckel, 1887: 998	[Eocene]
N	nd	0	1	Sø			<i>Microcubus quadrupes</i> Haeckel, 1887: 998	[Quaternary]
N		1	1	S			<i>Microcubus zonarius</i> Haeckel, 1887: 998	[Quaternary]
N	nd	0	1	Sø			<i>Micromelissa apis</i> Haeckel, 1887: 1235	[Quaternary]
N		1	1	S		Ts	<i>Micromelissa bombus</i> Haeckel, 1887: 1235	[Quaternary]
N	nd	0	1	Sø			<i>Micromelissa vespa</i> Haeckel, 1887: 1235	[Quaternary]
N		1	1	S			<i>Mitrocalpis araneafera</i> Popofsky, 1908: 273	Living
N	nd	0	1	Sø		Td	<i>Mitrocalpis palliata</i> Haeckel, 1887: 1188	Living
S		1	1	S		Ts	<i>Monaxonium perforatum</i> Popofsky, 1912: 126	Living
C	nd	1	1	S		Td	<i>Monocarion uniseriatum</i> Enriques, 1919: 33	Living
S		1	1	S		Ts	<i>Monosphaera toliapica</i> Shrubsole, 1889: 123	[Eocene]
N		1	1	S		T	<i>Monotubus microporus</i> Popofsky, 1913: 322	Living
S		1	1	S			<i>Monozonium alatum</i> Haeckel, 1887: 633	Living
S	nd	0	1	Sø			<i>Monozonium amphistylum</i> Haeckel, 1887: 634	Living
S		1	1	S			<i>Monozonium pachystylum</i> Popofsky, 1912: 146	Living
S	nd	0	1	Sø		Td	<i>Monozonium pleurostylum</i> Haeckel, 1887: 634	Living
S	nd	0	1	Sø		Td	<i>Monozonium primordiale</i> Haeckel, 1887: 633	Living
S	nd	0	1	Sø			<i>Monozonium staurostylum</i> Haeckel, 1887: 634	Living
S		1	1	S			<i>Myelastrum anomalum</i> Haeckel, 1887: 556	Living
S		1	1	S			<i>Myelastrum aurivillii</i> Cleve, 1901: 53	Living
S	nd	0	1	Sø			<i>Myelastrum ciliatum</i> Haeckel, 1887: 555	Living
S		1	1	S			<i>Myelastrum decaceros</i> Haeckel, 1887: 554	Living
S		1	1	S			<i>Myelastrum dodecaceros</i> Haeckel, 1887: 554	Living
S		1	1	S			<i>Myelastrum farfalla</i> Haeckel, 1887: 554	Living
S	nd	0	1	Sø			<i>Myelastrum giganteum</i> Haeckel, 1887: 555	Living
S		1	1	S			<i>Myelastrum heteropterum</i> Haeckel, 1887: 553	Living
S	nd	0	1	Sø			<i>Myelastrum lobatum</i> Haeckel, 1887: 555	Living
S		1	1	S		Ts	<i>Myelastrum medullare</i> Haeckel, 1887: 553	Living
S		1	1	S		Ts	<i>Myelastrum octocorne</i> Haeckel, 1887: 553	Living
S		1	1	S			<i>Myelastrum papilio</i> Haeckel, 1887: 554	Living
S		1	1	S			<i>Myelastrum quadrifolium</i> Takahashi, 1991: 87	Living
S	nd	0	1	Sø			<i>Myelastrum rotula</i> Haeckel, 1887: 555	Living
S	nd	0	1	Sø			<i>Myelastrum spinale</i> Haeckel, 1887: 553	Living
S		1	1	S			<i>Myelastrum trinibrachium</i> Takahashi, 1991: 88	Living
C	nd	0	1	Sø			<i>Myxobranchia cienkowskii</i> Wagner, 1872: 140	Living
C		1	1	S		T	<i>Myxobranchia pluteus</i> Haeckel, 1870: 520	Living
C		1	1	S			<i>Myxobranchia rhopalum</i> Haeckel, 1870: 520, 549	Living
C		1	1	S			<i>Myxosphaera magna</i> Popofsky, 1917: 240, 241	Living
N	nd	0	1	Sø			<i>Nassella nassiteria</i> Haeckel, 1887: 898	Living
N	nd	0	1	Sø		Td	<i>Nassella thalassicolla</i> Haeckel, 1887: 898	Living
N		1	1	S		T	<i>Neobotrys quadritubulosa</i> Popofsky, 1913: 320, 414	Living
N		1	1	S			<i>Neosemantis distephanus verticalis</i> Goll, 1979: 384	I. Early Miocene-Early Pliocene
N		1	1	S			<i>Neosemantis bjoerklundi</i> Goll, 1979: 383	I. Early Miocene-e. Late Miocene
N		1	1	S			<i>Neosemantis bjoerklundi bjoerklundi</i> Goll, 1979: 384	I. Early Miocene-e. Late Miocene
N		1	1	S			<i>Neosemantis bjoerklundi mimicus</i> Goll, 1979: 383	I. Early Miocene-e. Late Miocene
N		1	1	S		T	<i>Neosemantis distephanus</i> Popofsky, 1913: 299, 412	Living
N		1	1	S			<i>Neosemantis hofferti</i> Goll, 1980: 438	I. Early Pleistocene-Middle Pleistocene
N	nd	1	1	S			<i>Neosemantis porophora</i> Popofsky, 1913: 299	Living
N	nd	0	1	Sø			<i>Nephrospyris cordata</i> Haeckel, 1887: 1102	[Quaternary]
N		1	1	S			<i>Nephrospyris doctris</i> Renz, 1976: 175	Living
N		1	1	S			<i>Nephrospyris knutheieri</i> Goll & Bjørklund, 1985: 115	Holocene-Living
N	nd	0	1	Sø			<i>Nephrospyris nephridium</i> Haeckel, 1887: 1101	[Quaternary]
N		1	1	S		Ts	<i>Nephrospyris paradictyum</i> Haeckel, 1887: 1102	[Quaternary]
N	nd	0	1	Sø			<i>Nephrospyris paradoxa</i> Haeckel, 1887: 1102	[Quaternary]
N	nd	0	1	Sø			<i>Nephrospyris phaseolus</i> Haeckel, 1887: 1101	[Quaternary]
N		1	1	S		T	<i>Nephrospyris renilla</i> Haeckel, 1887: 1101	[Quaternary]
N		1	1	S			<i>Nephrospyris renilla lana</i> Goll, 1980: 438	Early Pleistocene
N		1	1	S			<i>Nephrospyris symmetricus</i> Levykina, 1986: 95	Middle Miocene
N		1	1	S		Ts	<i>Nothotripodiscinus johannimonicae</i> Deflandre, 1972: 229	Holocene
N		1	1	S		Ts Th	<i>Obeliscus pseudocuboides</i> Popofsky, 1913: 280, 412	Living
E		1	1	S			<i>Octodendron arachnoidale</i> Hollande & Enjumet, 1960: 122	Living
E	nd	0	1	Sø			<i>Octodendron araucaria</i> Haeckel, 1887: 280	Living

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
E	nd	0	1	Sø			<i>Octodendron arboretum</i> Haeckel, 1887: 281	Living
E	nd	0	1	Sø			<i>Octodendron contortum</i> Haeckel, 1887: 281	Living
E		1	1	S		T	<i>Octodendron cubocentron</i> Haeckel, 1887: 279	Living
E		1	1	S			<i>Octodendron hamuliferum</i> Hollande & Enjmet, 1960: 122	Living
E		1	1	S			<i>Octodendron nidum</i> Tan & Tchang, 1976: 306	Living
E	nd	0	1	Sø			<i>Octodendron pinetum</i> Haeckel, 1887: 280	Living
E		1	1	S			<i>Octodendron spathillatum</i> Haeckel, 1887: 280	Living
E	nd	0	1	Sø			<i>Octodendron spirale</i> Haeckel, 1887: 279	Living
E	nd	0	1	Sø		Td	<i>Octodendron verticillatum</i> Haeckel, 1887: 281	Living
S	nd	0	1	Sø			<i>Octopyle amphistyle</i> Haeckel, 1887: 651	[Quaternary]
S		1	1	S			<i>Octopyle circinata</i> Tan & Chen, 1990: 118	Living
S		1	1	S			<i>Octopyle clypeata</i> Tan & Chen, 1990: 119	Living
S		1	1	S			<i>Octopyle decastyle</i> Haeckel, 1887: 654	[Quaternary]
S	nd	0	1	Sø			<i>Octopyle euryzona</i> Haeckel, 1887: 652	[Quaternary]
S		1	1	S			<i>Octopyle fruticosa</i> Tan & Chen, 1990: 120	Living
S		1	1	S			<i>Octopyle hexagona</i> Tan & Chen, 1990: 119	Living
S	nd	0	1	Sø			<i>Octopyle hexastyle</i> Haeckel, 1887: 653	[Quaternary]
S	nd	0	1	Sø			<i>Octopyle obtecta</i> Haeckel, 1887: 653	Living
S		1	1	S			<i>Octopyle octospinosa</i> Tan & Tchang, 1976: 307	Living
S	nd	0	1	Sø			<i>Octopyle octostyle</i> Haeckel, 1887: 653	Living
S	nd	0	1	Sø			<i>Octopyle octostyle minor</i> Jørgensen, 1900: 64	Living
S	nd	0	1	Sø		Td	<i>Octopyle ovulina</i> Haeckel, 1887: 650	Living
S		1	1	S			<i>Octopyle polystyle</i> Chen, 1987: 225	Holocene
S	nd	0	1	Sø			<i>Octopyle quadrata</i> Haeckel, 1887: 650	[Quaternary]
S		1	1	S			<i>Octopyle sexangulata</i> Haeckel, 1887: 653	Living
S	nd	0	1	Sø			<i>Octopyle staurostyle</i> Haeckel, 1887: 651	[Quaternary]
S		1	1	S		Ts	<i>Octopyle stenozona</i> Haeckel, 1887: 652	[Quaternary]
S	nd	0	1	Sø			<i>Octopyle subglobosa</i> Haeckel, 1887: 651	[Quaternary]
S	nd	0	1	Sø			<i>Octopyle tetraptera</i> Haeckel, 1887: 652	Living
S	nd	0	1	Sø			<i>Octopyle tetrastyle</i> Haeckel, 1887: 652	Living
S	nd	0	1	Sø			<i>Octopyle transversaria</i> Haeckel, 1887: 651	[Quaternary]
N	nd	0	1	Sø			<i>Octotympanum arborescens</i> Haeckel, 1887: 1000	[Quaternary]
N		1	1	S			<i>Octotympanum cervicorne</i> Haeckel, 1887: 1000	[Quaternary]
N		1	1	S		Ts	<i>Octotympanum octonarum</i> Haeckel, 1887: 1000	[Quaternary]
N	nd	0	1	Sø			<i>Octotympanum octospinum</i> Haeckel, 1887: 1000	[Quaternary]
C		1	1	S			<i>Odontosphaera compacta</i> Brandt, 1905b: 342	Living
C		1	1	S			<i>Odontosphaera cyrtodon</i> Haeckel, 1887: 102	Living
C		1	1	S			<i>Odontosphaera haeckeli</i> Carnevale, 1908: 9	e. Middle Miocene
C		1	1	S			<i>Odontosphaera longispina</i> Carnevale, 1908: 10	e. Middle Miocene
C		1	1	S			<i>Odontosphaera macropore</i> Sugano, 1937: 59	Living
C		1	1	S		Ts	<i>Odontosphaera monodon</i> Haeckel, 1887: 102	Living
S	nd	0	1	Sø		Td	<i>Ommatartus ampicanna</i> Haeckel, 1887: 396	[Quaternary]
S	nd	0	1	Sø			<i>Ommatartus amphisiphon</i> Haeckel, 1887: 396	[Quaternary]
S	nd	0	1	Sø			<i>Ommatartus amphobolus</i> Haeckel, 1887: 396	[Quaternary]
S		1	1	S			<i>Ommatartus antepenultimus</i> Riedel & Sanfilippo, 1970: 521	e. Late Miocene
S		1	1	S		T	<i>Ommatocampe (Ommatocampula) hughesi</i> Campbell & Clark, 1944: 23	e. Late Miocene
S	nd	0	1	Sø		Td	<i>Ommatocampe amphilonche</i> Haeckel, 1887: 395	[Quaternary]
S	nd	0	1	Sø			<i>Ommatocampe annulata</i> Haeckel, 1887: 393	[Quaternary]
S	nd	0	1	Sø		Td	<i>Ommatocampe chaetopodum</i> Haeckel, 1887: 395	Living
S	nd	0	1	Sø			<i>Ommatocampe erucaeformis</i> Haeckel, 1887: 394	[Quaternary]
S		1	1	S			<i>Ommatocampe increscens</i> Stöhr, 1880: 90	[e. Late Miocene]
S		1	1	S		Ts	<i>Ommatocampe nereis</i> Haeckel, 1887: 394	[Quaternary]
S	nn	0	0	Sp	pre		<i>Ommatocampe polyarthra</i> Ehrenberg, 1861b: 823	
S		0	1	Su			<i>Ommatocampe polyarthra</i> Ehrenberg, 1873a: 317	Holocene
S		1	0	Sf	syn	T	<i>Ommatocampe polyarthra</i> Ehrenberg, 1873b: 296-297	Holocene
S		0	1	Su			<i>Ommatocampe profundissima</i> Ehrenberg, 1873a: 317	Holocene
S		1	0	Sf	syn		<i>Ommatocampe profundissima</i> Suzuki <i>et al.</i> , 2009a	Holocene
S	nn	0	0	Sp	pre		<i>Ommatocampe setosa</i> Ehrenberg, 1861a: 768	
S		0	1	Su			<i>Ommatocampe setosa</i> Ehrenberg, 1873a: 317	Holocene
S		1	0	Sf	syn		<i>Ommatocampe setosa</i> Ehrenberg, 1873b: 296-297	Holocene
S		1	1	S			<i>Ommatocampe trinacria</i> Stöhr, 1880: 90	[e. Late Miocene]
S	nn	0	0	Sø		Tn	<i>Ommatocoryne profundissima</i> Ehrenberg, 1861a: 768	Holocene
S		1	1	S			<i>Ommatodiscus amphiacanthus</i> Dreyer, 1889: 32	[Quaternary]
S		1	1	S			<i>Ommatodiscus anacanthus</i> Popofsky, 1912: 128	Living
S		1	1	S			<i>Ommatodiscus bathybius</i> Dreyer, 1889: 34	[Quaternary]
S	nd	0	1	Sø			<i>Ommatodiscus circularis</i> Haeckel, 1887: 501	[Quaternary]
S	hom	1	1	S			<i>Ommatodiscus circularis</i> Carnevale, 1908: 26, 46	e. Middle Miocene
S		1	1	S		Ts	<i>Ommatodiscus decipiens</i> Stöhr, 1880: 115	[e. Late Miocene]
S		1	1	S			<i>Ommatodiscus ellipticus</i> Dreyer, 1889: 36	[Quaternary]
S	nd	1	1	S			<i>Ommatodiscus elongatus</i> Lucchese, 1927: 99	e. Middle Miocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Ommatodiscus fragilis</i> Stöhr, 1880: 116	[e. Late Miocene]
S		1	1	S		Ts	<i>Ommatodiscus haeckeli</i> Stöhr, 1880: 115	[e. Late Miocene]
S	nd	1	1	S			<i>Ommatodiscus haeckeli</i> var. <i>soreumides</i> Dreyer, 1890: 36	e. Middle Miocene
S		1	1	S			<i>Ommatodiscus haeckeli</i> var. <i>spongiosa</i> Dreyer, 1890: 36	e. Middle Miocene
S		1	1	S			<i>Ommatodiscus hirtus</i> Lucchese, 1927: 99	e. Middle Miocene
S	nd	1	1	S			<i>Ommatodiscus irregularis</i> Dreyer, 1889: 36	[Quaternary]
S		1	1	S			<i>Ommatodiscus laevigatus</i> Stöhr, 1880: 116	e. Middle Miocene
S	nd	1	1	S			<i>Ommatodiscus macroporus</i> Lucchese, 1927: 98	e. Middle Miocene
S	nd	1	1	S			<i>Ommatodiscus microporus</i> Lucchese, 1927: 98	e. Middle Miocene
S	nd	1	1	S			<i>Ommatodiscus minutus</i> Lucchese, 1927: 97	e. Middle Miocene
S	nd	1	1	S			<i>Ommatodiscus multipora</i> Principi, 1909: 13	Middle Miocene
S	nd	1	1	S			<i>Ommatodiscus multiporus</i> Lucchese, 1927: 98	e. Middle Miocene
S	nd	1	1	S		Td	<i>Ommatodiscus murrayi</i> Dreyer, 1889: 31	[Quaternary]
S	nd	1	1	S			<i>Ommatodiscus octoradiatus</i> Lucchese, 1927: 98	e. Middle Miocene
S		1	1	S			<i>Ommatodiscus pantanelli</i> Carnevale, 1908: 24, 46	e. Middle Miocene
S		1	1	S			<i>Ommatodiscus perichlamydidium</i> Dreyer, 1890: 29	e. Middle Miocene
S		1	1	S			<i>Ommatodiscus perichlamydidium</i> var. <i>circularis</i> Dreyer, 1890: 30	e. Middle Miocene
S		1	1	S			<i>Ommatodiscus perichlamydidium</i> var. <i>ovata</i> Dreyer, 1890: 31	e. Middle Miocene
S	nd	1	1	S			<i>Ommatodiscus pseudospiralis</i> Principi, 1909: 13, 22	Middle Miocene
S	nd	1	1	S			<i>Ommatodiscus reniformis</i> Carnevale, 1908: 25, 46	e. Middle Miocene
S		1	1	S			<i>Ommatodiscus simonellii</i> Carnevale, 1908: 25, 46	e. Middle Miocene
S		1	1	S			<i>Ommatodiscus spiralis</i> Dreyer, 1889: 35	[Quaternary]
S	nd	0	1	Sø			<i>Ommatodiscus stoeberi</i> Haeckel, 1887: 501	[Quaternary]
S		1	1	S			<i>Ommatodiscus variabilis</i> Dreyer, 1889: 33	[Quaternary]
S		1	1	S			<i>Ommatogramma dumitricai</i> Petrushevskaya, 1975: 577	l. Middle Miocene
S	nn	0	0	Sp	pre		<i>Ommatogramma navicularis</i> Ehrenberg, 1861b: 823	
S		0	1	Su			<i>Ommatogramma navicularis</i> Ehrenberg, 1873a: 317	Holocene
S		1	0	Sf	syn	T	<i>Ommatogramma navicularis</i> Ehrenberg, 1873b: 296-297	Holocene
S	nn	0	0	Sp	pre		<i>Ommatospyris apicata</i> Ehrenberg, 1861b: 823	
S	nd	0	1	Sø		Td	<i>Ommatospyris apicata</i> Ehrenberg, 1873a: 317	Holocene
S	nn	0	0	Sp	pre		<i>Ommatospyris laevis</i> Ehrenberg, 1861a: 768	
S		0	1	Su			<i>Ommatospyris laevis</i> Ehrenberg, 1873a: 318	Holocene
S		1	0	Sf	syn		<i>Ommatospyris laevis</i> Suzuki <i>et al.</i> , 2009a	Holocene
S		0	1	Su			<i>Ommatospyris penicillata</i> Ehrenberg, 1873a: 318	Holocene
S		1	0	Sf	syn		<i>Ommatospyris penicillata</i> Suzuki <i>et al.</i> , 2009a	Holocene
S		0	1	Su			<i>Ommatospyris profunda</i> Ehrenberg, 1873a: 318	Holocene
S		1	0	Sf	syn		<i>Ommatospyris profunda</i> Suzuki <i>et al.</i> , 2009a	Holocene
N		1	1	S			<i>Orbula comitata</i> Foreman, 1973: 437	Late Paleocene
N		1	1	S			<i>Orbula discipulus</i> Foreman, 1973: 438	Late Paleocene
N		1	1	S		T	<i>Orbula ducalis</i> Foreman, 1973: 438	Late Paleocene
E		1	1	S			<i>Orodapis? ferrealuma</i> Renaudie & Lazarus, 2012: 30	Middle Miocene-Pleistocene
E		1	1	S			<i>Orodapis hericina</i> Renaudie & Lazarus, 2012: 30	Early Miocene-Middle Miocene
C		1	1	S		T	<i>Orodapis spongiosa</i> Friend & Riedel, 1967: 222	Early Oligocene-e. Early Miocene
E	nd	1	1	S			<i>Orona crassissima</i> Haeckel, 1887: 1594	[Quaternary]
C	nd	1	1	S		Td	<i>Orona maxima</i> Haeckel, 1887: 1594	[Quaternary]
E	nd	0	1	Sø			<i>Orona robusta</i> Haeckel, 1887: 1594	[Early Miocene]
C		1	1	S		Ts	<i>Oropagis dolium</i> Friend & Riedel, 1967: 226	Late Oligocene-e. Early Miocene
C		1	1	S		T	<i>Oropelex pagoda</i> Friend & Riedel, 1967: 224	Early Oligocene-Early Miocene?
C		1	1	S		Ts	<i>Oroplegma diplosphaera</i> Haeckel, 1887: 1600	[Quaternary]
E	nd	1	1	S			<i>Oroplegma giganteum</i> Haeckel, 1887: 1601	[Quaternary]
E	nd	0	1	Sø			<i>Oroplegma spinulosum</i> Haeckel, 1887: 1600	[Early Miocene]
C	nd	1	1	S		Td	<i>Oroplegma spongiosum</i> Haeckel, 1887: 1601	[Quaternary]
E	nd	0	1	Sø			<i>Oroplegma velatum</i> Haeckel, 1887: 1600	[Quaternary]
E	nd	1	1	S			<i>Oroscena baeri</i> Haeckel, 1887: 1598	[Quaternary]
C		1	1	S			<i>Oroscena bayovarana</i> Berry, 1929: 147	[Pleistocene]
C		1	1	S			<i>Oroscena carolae</i> Friend & Riedel, 1967: 225	Late Oligocene-Middle Miocene
E	nd	1	1	S			<i>Oroscena cuvieri</i> Haeckel, 1887: 1598	[Quaternary]
E	nd	0	1	Sø			<i>Oroscena darwini</i> Haeckel, 1887: 1599	[Quaternary]
E	nd	0	1	Sø			<i>Oroscena duncani</i> Haeckel, 1887: 1599	[Quaternary]
C		1	1	S		T	<i>Oroscena gegenbauri</i> Haeckel, 1887: 1597	[Early Miocene]
C		1	1	S		T	<i>Oroscena huxleyi</i> Haeckel, 1887: 1599	[Quaternary]
E	nd	1	1	S			<i>Oroscena muelleri</i> Haeckel, 1887: 1598	[Quaternary]
C		1	1	S			<i>Oroscena peruviana</i> Berry, 1929: 148	[Pleistocene]
C		1	1	S			<i>Oroscena regalis</i> Borgert, 1901: 9	Living
C		1	1	S			<i>Oroscena regalis</i> var. <i>intermedia</i> Haecker, 1908: 409, 428	Living
C		1	1	S			<i>Oroscena regalis</i> var. <i>oroplegmoides</i> Haecker, 1908: 413, 429	Living
C		1	1	S			<i>Oroscena regalis</i> var. <i>robusta</i> Haecker, 1908: 428	Living
C		1	1	S			<i>Oroscena regalis</i> var. <i>gracilis</i> Haecker, 1908: 410, 428	Living
E	nd	0	1	Sø			<i>Oroscena wolffi</i> Haeckel, 1887: 1598	[Quaternary]
C		1	1	S		Ts	<i>Orosphaera arborescens</i> Haeckel, 1887: 1597	[Quaternary]

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
E	nd	0	1	Sø			<i>Orosphaera clavigera</i> Haeckel, 1887: 1596	[Quaternary]
E	nd	0	1	Sø			<i>Orosphaera confluens</i> Haeckel, 1887: 1596	[Quaternary]
E	nd	0	1	Sø			<i>Orosphaera foveolata</i> Haeckel, 1887: 1595	[Quaternary]
E	nd	0	1	Sø			<i>Orosphaera furcata</i> Haeckel, 1887: 1596	Living
E	nd	0	1	Sø			<i>Orosphaera fusigera</i> Haeckel, 1887: 1595	[Quaternary]
C	nd	0	1	Sø		Td	<i>Orosphaera hastigera</i> Haeckel, 1887: 1595	[Quaternary]
C		1	1	S			<i>Orosphaera horrida</i> Haeckel, 1887: 1596	[Quaternary]
E	nd	0	1	Sø			<i>Orosphaera ramigera</i> Haeckel, 1887: 1596	[Quaternary]
C		1	1	S			<i>Orosphaera serpentina</i> Haeckel, 1887: 1595	[Quaternary]
E	nd	0	1	Sø			<i>Orosphaera spinigera</i> Haeckel, 1887: 1595	[Quaternary]
C		1	1	S		T	<i>Orostaurus duplex</i> Friend & Riedel, 1967: 221	Early Oligocene
C		1	1	S			<i>Orostaurus simplex</i> Friend & Riedel, 1967: 222	Late Eocene
C		1	1	S			<i>Otosphaera annikae</i> Petrushevskaya & Kozlova, 1972: 515	Middle Miocene
C		1	1	S			<i>Otosphaera auriculata</i> Haeckel, 1887: 116	[Quaternary]
C		1	1	S		T	<i>Otosphaera polymorpha</i> Haeckel, 1887: 116	Living
C	nd	0	1	Sø			<i>Pachysphaera globosa</i> Brandt, 1902: 67	Living
C	nd	0	1	Sø		Td Th	<i>Pachysphaera octofurcata</i> Brandt, 1902: 67	Living
S		1	1	S		T	<i>Palaeotetrapyle muelleri</i> Dumitrica, 1988: 186	Early Paleocene
S	nd	0	1	Sø			<i>Panarium annularium</i> Haeckel, 1887: 389	[Quaternary]
S	nd	0	1	Sø			<i>Panarium artophorum</i> Haeckel, 1887: 389	[Quaternary]
S	nd	0	1	Sø		Td	<i>Panarium facettarium</i> Haeckel, 1887: 388	[Early Miocene]
S		1	1	S			<i>Panarium penultimum</i> Riedel, 1957a: 76	
S	nd	0	1	Sø			<i>Panarium pipettarium</i> Haeckel, 1887: 389	[Quaternary]
S		1	1	S		Ts	<i>Panarium tubularium</i> Haeckel, 1887: 390	[Quaternary]
S	nd	0	1	Sø			<i>Panartus amphiconus</i> Haeckel, 1887: 379	[Quaternary]
S		1	1	S			<i>Panartus avitus</i> Riedel, 1953: 808	I. Late Miocene
S		1	1	S		Ts	<i>Panartus diploconus</i> Haeckel, 1887: 379	[Quaternary]
S	nd	0	1	Sø			<i>Panartus fusiformis</i> Haeckel, 1887: 379	Living
S		1	1	S		Ts	<i>Panartus pluteus</i> Haeckel, 1887: 382	[Quaternary]
S	nd	0	1	Sø		Td	<i>Panartus quadriceps</i> Haeckel, 1887: 380	[Quaternary]
S	nd	0	1	Sø			<i>Panartus quadrigeminus</i> Haeckel, 1887: 381	Living
S	nd	0	1	Sø			<i>Panartus quadrijugus</i> Haeckel, 1887: 380	Living
S	nd	0	1	Sø			<i>Panartus spinosus</i> Haeckel, 1887: 381	Living
S	nd	0	1	Sø			<i>Panartus tetracolus</i> Haeckel, 1887: 377	[Quaternary]
S	nd	0	1	Sø			<i>Panartus tetrameres</i> Haeckel, 1887: 378	[Miocene]
S	nd	0	1	Sø			<i>Panartus tetraphalagus</i> Haeckel, 1887: 378	[Eocene]
S	nd	0	1	Sø			<i>Panartus tetraplus</i> Haeckel, 1887: 377	[Quaternary]
S		1	1	S		Ts	<i>Panartus tetralthalamus</i> Haeckel, 1887: 378	[Quaternary]
S	nd	0	1	Sø		Td	<i>Panicium amphacanthum</i> Haeckel, 1887: 385	[Quaternary]
S	nd	0	1	Sø			<i>Panicium amphistylus</i> Haeckel, 1887: 385	[Quaternary]
S		1	1	S		Ts	<i>Panicium coronatum</i> Haeckel, 1887: 386	[Quaternary]
S	nd	0	1	Sø			<i>Panicium scoparium</i> Haeckel, 1887: 385	[Quaternary]
S		1	1	S			<i>Paracenodiscus circumtextus</i> Krasheninnikov, 1960: 285	Early Eocene
S	nd	1	1	S			<i>Paracenodiscus coronoides</i> Moksyakova, 1970: 143	Late Eocene
S		1	1	S		Ts	<i>Paracenodiscus familiaris</i> Krasheninnikov, 1960: 284	Early Eocene
S	nd	1	1	S			<i>Paracenodiscus normalis</i> Moksyakova, 1970: 144	Late Eocene
S		1	1	S			<i>Paracenodiscus sonatus</i> Krasheninnikov, 1960: 285	Early Eocene
N	nd	1	1	S			<i>Parastephanus asymmetricus</i> Haeckel, 1887: 1008	[Quaternary]
W	nd	0	1	Sø		Te	<i>Parastephanus circularis</i> Haeckel, 1887: 1008	[Quaternary]
N	nd	0	1	Sø			<i>Parastephanus dispar</i> Haeckel, 1887: 1009	[Quaternary]
N	nd	1	1	S			<i>Parastephanus quadrispinus</i> Haeckel, 1887: 1008	Living
S		1	1	S		T	<i>Parasuttonium taiwanense</i> Dumitrica, 2019: 47	Holocene
W	nd	0	1	Sø			<i>Paratympalum decastylum</i> Haeckel, 1887: 1005	[Quaternary]
W	nd	0	1	Sø		Te	<i>Paratympalum hexastylum</i> Haeckel, 1887: 1005	[Quaternary]
W		1	1	S			<i>Paratympalum octostylum</i> Haeckel, 1887: 1005	[Quaternary]
N		1	1	S			<i>Patagospyrus anthocyrtis</i> Haeckel, 1887: 1088	[Quaternary]
N	nd	0	1	Sø			<i>Patagospyrus lanceolata</i> Haeckel, 1887: 1088	[Eocene]
S		1	1	S			<i>Pentactinosphaera codonia</i> Renaudie & Lazarus, 2013: 64	Middle Miocene-Early Pliocene
S	nd	0	1	Sø			<i>Pentactura astropecten</i> Haeckel, 1887: 479	[Quaternary]
S	nd	1	1	S		Td	<i>Pentadiscus cornutus</i> Moksyakova, 1965: 249	Late Eocene
S	nd	0	1	Sø		Td	<i>Pentalastrum asteracanthion</i> Haeckel, 1887: 556	[Quaternary]
S	nd	0	1	Sø			<i>Pentalastrum astropecten</i> Haeckel, 1887: 556	[Quaternary]
S	nd	0	1	Sø			<i>Pentalastrum cometa</i> Haeckel, 1887: 557	Living
S		1	1	S		Ts	<i>Pentalastrum ophidiaster</i> Haeckel, 1887: 557	Living
N		1	1	S		Ts	<i>Pentaplagia haeckeli</i> Cachon & Cachon, 1969: 246	Living
S		1	1	S		T	<i>Pentapylonium implicatum</i> Dumitrica, 1991: 37	I. Middle Miocene-Early Pliocene
C	nn	0	0	Sø		Tn	<i>Pentasolenia sphaera</i> Ehrenberg, 1861b: 832	Holocene
N	nd	0	1	Sø			<i>Pentaspuris isacantha</i> Haeckel, 1887: 1055	[Early Miocene]
N		1	1	S			<i>Pentaspuris karyokephalis</i> Clark & Campbell, 1945: 32	e. Middle Eocene
N		1	1	S			<i>Pentaspuris? papillosa</i> Campbell & Clark, 1944: 35	e. Late Miocene



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Pentaspuris paradoxa</i> Clark & Campbell, 1942: 58	e. Middle Eocene
N		1	1	S		T	<i>Pentaspuris pentacantha</i> Haeckel, 1887: 1054	[Quaternary]
S		1	1	S		Ts	<i>Pentinastrum asteriscus</i> Haeckel, 1887: 557	[Quaternary]
S		1	1	S			<i>Pentinastrum goniaster</i> Haeckel, 1887: 558	[Quaternary]
S		1	1	S			<i>Pentinastrum irregulare</i> Sutton, 1896a: 58	[Late Eocene]
S		1	1	S			<i>Pentinastrum pentacephalum</i> Carter, 1896a: 25	[Late Eocene]
S		1	1	S		Ts	<i>Pentophastrum caudatum</i> Haeckel, 1887: 559	[Quaternary]
S	nd	0	1	Sø		Td	<i>Pentophastrum dicranastrum</i> Haeckel, 1887: 558	[Quaternary]
S		1	1	S			<i>Pentophastrum forcipatum</i> Haeckel, 1887: 559	[Quaternary]
N		1	1	S			<i>Periarachnium pauliani</i> Renaudie & Lazarus, 2016: 37	Late Oligocene-I. Early Miocene
N		1	1	S		T	<i>Periarachnium periplectum</i> Haeckel, 1887: 1297	Living
S		1	1	S			<i>Perichlamydidium aequale</i> Stöhr, 1880: 109	[e. Late Miocene]
S	nn	0	0	Sø			<i>Perichlamydidium concentricum</i> Ehrenberg, 1858: 551	Holocene?
S	nd	0	1	Sø			<i>Perichlamydidium dilatatum</i> Seguenza, 1880: 233	Early Pliocene
S		1	1	S			<i>Perichlamydidium hirtum</i> Lucchese, 1927: 97	e. Middle Miocene
S	nd	0	1	Sø			<i>Perichlamydidium irregulare</i> Seguenza, 1880: 233	Early Pliocene
S	hom	1	1	S			<i>Perichlamydidium irregulare</i> Vinassa de Regny, 1900: 576	I. Early Miocene
S	nd	1	1	S			<i>Perichlamydidium radiatum</i> Vinassa de Regny, 1900: 576	I. Early Miocene
S		1	1	S			<i>Perichlamydidium saturnus</i> Haeckel, 1887: 499	[Quaternary]
S	nd	1	1	S			<i>Perichlamydidium scutaeforme</i> Campbell & Clark, 1944: 24	e. Late Miocene
S		0	1	Su			<i>Perichlamydidium? spirale</i> Ehrenberg, 1874b: 245	I. Middle Eocene
S		1	0	Sf	syn		<i>Perichlamydidium? spirale</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
S		1	1	S			<i>Perichlamydidium spongiosum</i> Stöhr, 1880: 109	[e. Late Miocene]
S		1	1	S			<i>Perichlamydidium venustum</i> Bailey, 1856: 5	[Quaternary]
N	nd	1	1	S			<i>Peridium alatum</i> Haeckel, 1887: 1155	[Quaternary]
N	nd	0	1	Sø			<i>Peridium cervinum</i> Haeckel, 1887: 1155	[Quaternary]
N	nd	0	1	Sø			<i>Peridium curvipes</i> Haeckel, 1887: 1154	[Quaternary]
N		0	1	Su			<i>Peridium hystrix</i> Jørgensen, 1900: 76	Living
N		1	0	Sf	syn	T	<i>Peridium hystrix</i> Jørgensen, 1905: 132	Living
N		1	1	S			<i>Peridium infundibuliforme</i> Funakawa, 1995a: 22	I. Early Miocene
N		1	1	S			<i>Peridium? intricatum</i> Cleve, 1899: 14, 17, 31, 49	Living
N	nd	0	1	Sø		Td	<i>Peridium lasanum</i> Haeckel, 1887: 1154	[Quaternary]
N		1	1	S			<i>Peridium? laxum</i> Cleve, 1899: 16, 31, 49	Living
N		0	1	Su			<i>Peridium longispinum</i> Jørgensen, 1900: 75	Living
N		1	0	Sf	syn		<i>Peridium longispinum</i> Jørgensen, 1905: 135	Living
N		1	1	S			<i>Peridium? minutum</i> Cleve, 1899: 31, 50	Living
N	nd hom	1	1	S			<i>Peridium minutum</i> Popofsky, 1908: 272	Living
N		1	1	S			<i>Peridium palmipes</i> Haeckel, 1887: 1154	[Quaternary]
N	nd	0	1	Sø			<i>Peridium papillatum</i> Haeckel, 1887: 1154	[Early Miocene]
N		1	1	S			<i>Peridium piriforme</i> Popofsky, 1908: 273	Living
N	nd	1	1	S			<i>Peridium quadrispiculum</i> Popofsky, 1908: 272	Living
S		1	1	S			<i>Peridium ramosum</i> Su, 1982: 283	Living
N		1	1	S			<i>Peridium sphaerum</i> Funakawa, 1995a: 21	Late Oligocene
N		1	1	S		T	<i>Peridium spinipes</i> Haeckel, 1887: 1154	[Quaternary]
N		1	1	S			<i>Peridium tortonianicum</i> Renaudie & Lazarus, 2016: 44	e. Late Miocene-I. Late Miocene
S	nd	0	1	Sø		Td	<i>Peripanarium cenoconicum</i> Haeckel, 1887: 390	[Quaternary]
S	nd	0	1	Sø			<i>Peripanarium cenocylindricum</i> Haeckel, 1887: 391	[Early Miocene]
S		1	1	S		Ts	<i>Peripanartus amphiconus</i> Haeckel, 1887: 383	[Quaternary]
S		1	1	S		Ts	<i>Peripanartus atractus</i> Haeckel, 1887: 384	[Quaternary]
S		1	1	S			<i>Peripanartus cylindrus</i> Haeckel, 1887: 384	[Quaternary]
S		1	1	S			<i>Peripanartus irregularis</i> Popofsky, 1912: 121	Living
S	nd	0	1	Sø			<i>Peripanartus laevigatus</i> Haeckel, 1887: 383	[Quaternary]
S		1	1	S			<i>Peripanartus pachystylus</i> Popofsky, 1912: 123	Living
S	nd	0	1	Sø			<i>Peripanartus palliatus</i> Haeckel, 1887: 382	[Quaternary]
S		1	1	S		Ts	<i>Peripanartus amphicorona</i> Haeckel, 1887: 387	[Quaternary]
S	nd	0	1	Sø		Td	<i>Peripanartus amphixiphus</i> Haeckel, 1887: 386	[Quaternary]
S	nd	0	1	Sø			<i>Peripanartus coronarium</i> Haeckel, 1887: 387	[Quaternary]
S		1	1	S			<i>Periphaena cincta</i> Haeckel, 1887: 426	[Early Miocene]
S		0	1	Su			<i>Periphaena decora</i> Ehrenberg, 1874b: 246	I. Middle Eocene
S		1	0	Sf	syn	T	<i>Periphaena decora</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
S		1	1	S			<i>Periphaena delta</i> Sanfilippo & Riedel, 1973: 523	Early Eocene
S	nd	0	1	Sø			<i>Periphaena statoblastus</i> Haeckel, 1887: 426	[Quaternary]
N		1	1	S		T	<i>Periplecta cortina</i> Haeckel, 1887: 926	Living
N	nd	0	1	Sø			<i>Periplecta monocyrtis</i> Haeckel, 1887: 927	Living
N	nn	0	0	Sø			<i>Periplecta oikistos</i> Jørgensen in Gran, 1902: 154	Living
N	nd	0	1	Sø			<i>Periplecta pteroscenium</i> Haeckel, 1887: 926	Living
N		1	1	S			<i>Peripyramis ceratophorus</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 111	Late Eocene
N		1	1	S		Ts	<i>Peripyramis circumtexta</i> Haeckel, 1887: 1162	[Quaternary]
N	nd	0	1	Sø			<i>Peripyramis spongiosa</i> Haeckel, 1887: 1162	[Quaternary]
N		1	1	S		Ts	<i>Perispyris bicincta</i> Haeckel, 1887: 1099	[Quaternary]

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Perispyris lentellipsis</i> Haeckel, 1887: 1099	[Quaternary]
N	nd	0	1	Sø			<i>Perispyris spongiosa</i> Haeckel, 1887: 1099	[Quaternary]
S		1	1	S			<i>Peritiviator dumitricai</i> Nishimura, 1992: 328	Middle Paleocene
S		1	1	S			<i>Perizona pterygota</i> Haeckel, 1887: 427	[Quaternary]
S		1	1	S		Ts	<i>Perizona scutella</i> Haeckel, 1887: 427	[Early Miocene]
N		1	1	S			<i>Peromelissa calva</i> Haeckel, 1887: 1237	[Quaternary]
N		1	1	S		T	<i>Peromelissa phalacra</i> Haeckel, 1887: 1236	[Quaternary]
N	nd	0	1	Sø			<i>Peromelissa psilocrana</i> Haeckel, 1887: 1237	[Quaternary]
N	nd	1	1	S			<i>Petalospyris (Petalospyrantha?) polypus</i> Clark & Campbell, 1945: 33	e. Middle Eocene
N	nd	0	1	Sø			<i>Petalospyris anthemis</i> Haeckel, 1887: 1062	[Quaternary]
N		1	1	S			<i>Petalospyris anthocyrtoides</i> Bütschli, 1882b: 532	[Eocene]
N		1	1	S			<i>Petalospyris arachnoides</i> Haeckel, 1862: 294	[Living]
N		0	1	Su			<i>Petalospyris argiscus</i> Ehrenberg, 1874b: 246	l. Middle Eocene
N		1	0	Sf	syn		<i>Petalospyris argiscus</i> Ehrenberg, 1876: 80-81	l. Middle Eocene
N	nd	0	1	Sø			<i>Petalospyris bellidiastrum</i> Haeckel, 1887: 1063	[Quaternary]
N		1	1	S			<i>Petalospyris bulbosa</i> Mahapatra & Sharma, 1994: 162	l. Early Miocene
N		0	1	Su			<i>Petalospyris carinata</i> Ehrenberg, 1874b: 246	l. Middle Eocene
N		1	0	Sf	syn		<i>Petalospyris carinata</i> Ehrenberg, 1876: 80-81	l. Middle Eocene
N		0	1	Su			<i>Petalospyris confluens</i> Ehrenberg, 1874b: 246	l. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Petalospyris confluens</i> Ehrenberg, 1876: 80-81	l. Middle Eocene
N		1	1	S			<i>Petalospyris corona</i> Stöhr, 1880: 98	[e. Late Miocene]
N		1	1	S		T	<i>Petalospyris diaboliscus</i> Ehrenberg, 1847: 55	l. Middle Eocene
N		1	1	S		Ts	<i>Petalospyris dictyocubus</i> Haeckel, 1887: 1063	[Living]
N		1	1	S			<i>Petalospyris dinoceras</i> Haeckel, 1887: 1063	[Quaternary]
N		1	1	S			<i>Petalospyris edita</i> Kozlova in Kozlova & Gorbovetz, 1966: 96	Late Eocene
N		0	1	Su			<i>Petalospyris eupetala</i> Ehrenberg, 1874b: 247	l. Middle Eocene
N		1	0	Sf	syn		<i>Petalospyris eupetala</i> Ehrenberg, 1876: 80-81	l. Middle Eocene
N		0	1	Su			<i>Petalospyris flabellum</i> Ehrenberg, 1874b: 247	l. Middle Eocene
N		1	0	Sf	syn		<i>Petalospyris flabellum</i> Ehrenberg, 1876: 80-81	l. Middle Eocene
N	nd	0	1	Sø			<i>Petalospyris floscula</i> Haeckel, 1887: 1060	[Quaternary]
N		1	0	S		Ts	<i>Petalospyris foveolata</i> Ehrenberg, 1854d	l. Middle Eocene
N	nd	0	1	Sø			<i>Petalospyris furcata</i> Haeckel, 1887: 1064	[Quaternary]
N		1	1	S			<i>Petalospyris lobata</i> Haeckel, 1887: 1064	[Quaternary]
N	nd	1	1	S			<i>Petalospyris novena</i> Haeckel, 1887: 1062	Living
N		0	1	Su			<i>Petalospyris ocellata</i> Ehrenberg, 1874b: 247	l. Middle Eocene
N		1	0	Sf	syn		<i>Petalospyris ocellata</i> Ehrenberg, 1876: 80-81	l. Middle Eocene
N		1	1	S		Ts	<i>Petalospyris octopus</i> Haeckel, 1887: 1061	[Quaternary]
N		0	1	Su			<i>Petalospyris ophirensis</i> Ehrenberg, 1873a: 318	Holocene
N		1	0	Sf	syn		<i>Petalospyris ophirensis</i> Ehrenberg, 1873b: 296-297	Holocene
N	nd	0	1	Sø			<i>Petalospyris papillata</i> Haeckel, 1887: 1063	[Quaternary]
N		0	1	Su			<i>Petalospyris pentas</i> Ehrenberg, 1874b: 247	l. Middle Eocene
N		1	0	Sf	syn		<i>Petalospyris pentas</i> Ehrenberg, 1876: 80-81	l. Middle Eocene
N		0	1	Su			<i>Petalospyris platyacantha</i> Ehrenberg, 1874b: 247	l. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Petalospyris platyacantha</i> Ehrenberg, 1876: 80-81	l. Middle Eocene
N	nd	1	1	S			<i>Petalospyris seminolum</i> Stöhr, 1880: 97	[e. Late Miocene]
N		1	1	S			<i>Petalospyris septenaria</i> Kozlova in Kozlova & Gorbovetz, 1966: 96	Late Eocene
N		1	1	S			<i>Petalospyris spinosa</i> Stöhr, 1880: 98	[e. Late Miocene]
N	nd	0	1	Sø			<i>Petalospyris tessaromma</i> Haeckel, 1887: 1062	[Early Miocene]
N	nd	1	1	S			<i>Petalospyris triomma</i> Haeckel, 1887: 1060	[Quaternary]
N		1	1	S			<i>Petalospyris tumidula</i> Kozlova in Kozlova & Gorbovetz, 1966: 97	Late Eocene
S		1	1	S			<i>Phacodiscinus testatus clivosus</i> Kozlova in Petrushevskaya & Kozlova, 1979: 101	Early Eocene
S		1	1	S			<i>Phacodiscinus testatus grandis</i> Kozlova in Petrushevskaya & Kozlova, 1979: 100	Early Eocene
S		1	1	S			<i>Phacodiscu fragilis</i> Tochilina, 1966: 284	Late Eocene
S		1	1	S			<i>Phacodiscu sonatus</i> Tochilina, 1966: 284	Late Eocene
S	nd	1	1	S			<i>Phacodiscus calvertansus</i> Martin, 1904: 456	Miocene
S		1	1	S		Ts	<i>Phacodiscus clypeus</i> Haeckel, 1887: 425	[Quaternary]
S		1	1	S			<i>Phacodiscus duplus</i> Kozlova in Kozlova & Gorbovetz, 1966: 69	Late Eocene
S		1	1	S			<i>Phacodiscus duplus ukrainicus</i> Gorbunov, 1979: 117	Middle Eocene-Late Eocene
S	nd	0	1	Sø			<i>Phacodiscus echiniscus</i> Haeckel, 1887: 425	[Quaternary]
S	nd	0	1	Sø			<i>Phacodiscus grandis</i> Haeckel, 1887: 425	[Quaternary]
S		1	1	S			<i>Phacodiscus lentiformis</i> Haeckel, 1887: 425	[Quaternary]
S	nd	1	1	S			<i>Phacodiscus licharevi</i> Lipman, 1980: 122	Eocene
S		1	1	S		T	<i>Phacodiscus rotula</i> Haeckel, 1887: 424	[Quaternary]
S	nd	1	1	S			<i>Phacodiscus subsphaericus</i> Lipman, 1972: 49	Eocene
S	nd	1	1	S			<i>Phacodiscus testatus</i> Kozlova in Kozlova & Gorbovetz, 1966: 68	Late Eocene
S		1	1	S		T	<i>Phacolarnacium oculus</i> Dumitrica, 2020: 7	l. Middle Eocene
S	nd	1	1	S		Td	<i>Phacopyle stomatopora</i> Dreyer, 1889: 28	[Quaternary]
S		1	1	S			<i>Phacostaurus echinus</i> Kozlova in Kozlova & Gorbovetz, 1966: 71	Late Eocene
S		1	1	S		Ts	<i>Phacostaurus magnificus</i> Haeckel, 1887: 436	[Living]
S		1	1	S		T	<i>Phacostaurus oceanidum</i> Haeckel, 1887: 435	[Quaternary]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Phacostaurus? quadratus</i> Nishimura, 1992: 326	Middle Paleocene
S	nd	0	1	Sø			<i>Phacostaurus quadrigatus</i> Haeckel, 1887: 436	[Quaternary]
S	nn	1	0	S			<i>Phacostylus acutus</i> Lipman, 1967a	Middle Eocene
S	nd	0	1	Sø			<i>Phacostylus amphipyramis</i> Haeckel, 1887: 431	[Quaternary]
S		1	1	S		Ts	<i>Phacostylus amphistylus</i> Haeckel, 1887: 430	[Quaternary]
S	nd	0	1	Sø			<i>Phacostylus amphixiphus</i> Haeckel, 1887: 430	Living
S		1	1	S			<i>Phacostylus bicornis</i> Tochilina, 1966: 285	Late Eocene
S		1	1	S		Ts	<i>Phacostylus caudatus</i> Haeckel, 1887: 431	[Quaternary]
S	nd	1	1	S			<i>Phacostylus dellupi</i> Carnevale, 1908: 22	e. Middle Miocene
S	nd	0	1	Sø			<i>Phacostylus maximus</i> Haeckel, 1887: 431	[Eocene]
S		1	1	S			<i>Phacostylus originalis</i> Mamedov, 1970: 65	Late Eocene
S	nn	1	0	S			<i>Phacostylus ovechkini</i> Lipman, 1967a	Late Eocene
S		1	1	S			<i>Phacostylus vicinus</i> Kozlova in Kozlova & Gorbovetz, 1966: 69	Late Eocene
S		1	1	S			<i>Phacotriactis mirus</i> Mamedov, 1970: 64	Late Eocene
S		1	1	S		T	<i>Phacotriactis triangula</i> Sutton, 1896b: 61	[Late Eocene]
N		1	1	S		T	<i>Phaenocalpis petalospyrus</i> Haeckel, 1887: 1173	[Quaternary]
N	nd	0	1	Sø			<i>Phaenoscenium cladopodium</i> Haeckel, 1887: 1175	[Quaternary]
N	nd	1	1	S		Td	<i>Phaenoscenium hexapodium</i> Haeckel, 1887: 1175	[Quaternary]
N	nd	0	1	Sø			<i>Phaenoscenium polypodium</i> Haeckel, 1887: 1175	[Quaternary]
C	nd	1	1	S			<i>Pharyngosphaera sicula</i> Dreyer, 1890: 6	e. Middle Miocene
S		1	1	S		Ts	<i>Pharyngosphaera stomodaea</i> Haeckel, 1887: 98	[Quaternary]
N		1	1	S			<i>Phormacantha garbela</i> Renaudie & Lazarus, 2016: 44	I. Middle Miocene-e. Late Miocene
N		1	1	S			<i>Phormobotrys cannothalamia</i> Haeckel, 1887: 1125	[Quaternary]
N	nd	1	1	S			<i>Phormobotrys folini</i> Certes, 1891: 36	Holocene?
N		1	1	S			<i>Phormobotrys pentathalamia</i> Haeckel, 1887: 1124	[Quaternary]
N	nd	0	1	Sø			<i>Phormobotrys polythalamia</i> Haeckel, 1887: 1125	[Quaternary]
N		1	1	S		Ts	<i>Phormobotrys trithalamia</i> Haeckel, 1887: 1124	[Quaternary]
N		1	1	S		Ts	<i>Phormocampe campanula</i> Haeckel, 1887: 1456	[Quaternary]
N	nd	0	1	Sø			<i>Phormocampe conus</i> Haeckel, 1887: 1458	Living
N		1	1	S			<i>Phormocampe eucalyptra</i> Haeckel, 1887: 1457	[Quaternary]
N		1	1	S			<i>Phormocampe lamprocyclas</i> Haeckel, 1887: 1457	[Quaternary]
N	nd	0	1	Sø			<i>Phormocampe metalis</i> Haeckel, 1887: 1457	[Quaternary]
N	nd	0	1	Sø		Td Th	<i>Phormocampe mitra</i> Haeckel, 1887: 1458	Living
N		1	1	S			<i>Phormocyrtis alexandrae</i> O'Connor, 1997b: 110	Early Miocene-Middle Miocene
N		1	1	S			<i>Phormocyrtis annosa</i> Riedel, 1959: 295	Late Oligocene-e. Early Miocene
N	nd	0	1	Sø			<i>Phormocyrtis carinata</i> Haeckel, 1887: 1368	[Quaternary]
N		1	1	S			<i>Phormocyrtis costata</i> Haeckel, 1887: 1369	[Quaternary]
N		1	1	S			<i>Phormocyrtis ligulata</i> Clark & Campbell, 1942: 81	e. Middle Eocene
N		1	1	S		T	<i>Phormocyrtis longicornis</i> Haeckel, 1887: 1370	[Early Miocene]
N		1	1	S			<i>Phormocyrtis proxima</i> Clark & Campbell, 1942: 82	e. Middle Eocene
N	nd	0	1	Sø			<i>Phormocyrtis quadrata</i> Haeckel, 1887: 1369	[Quaternary]
N		1	1	S			<i>Phormocyrtis striata</i> Brandt in Wetzel, 1936: 55	Late Eocene
N		1	1	S			<i>Phormocyrtis striata bucharicus</i> Kestner, 1975: 135	Eocene
N		1	1	S			<i>Phormocyrtis striata praexquisita</i> Nishimura, 1992: 346	Middle Paleocene
N		1	1	S			<i>Phormocyrtis vasculum</i> O'Connor, 1994: 346	Early Oligocene
N		1	1	S			<i>Phormospyris antarctica</i> Haecker, 1907: 124	Living
N		1	1	S			<i>Phormospyris loliguncula</i> Renaudie & Lazarus, 2013: 79	Late Miocene-Early Pliocene
N		1	1	S			<i>Phormospyris macropora</i> Popofsky, 1913: 310, 414	Living
N		1	1	S			<i>Phormospyris punnulis</i> Renaudie & Lazarus, 2016: 46	Early Miocene-Late Pliocene
N		1	1	S			<i>Phormospyris stabilis capoi</i> Goll, 1976: 392	Late Miocene-Living?
N		1	1	S			<i>Phormospyris thespios</i> Goll & Bjørklund, 1989: 732	e. Early Miocene-I. Late Miocene
N		1	1	S		Ts	<i>Phormospyris tricostata</i> Haeckel, 1887: 1087	[Quaternary]
N		1	1	S			<i>Phormospyris tridentata</i> Haeckel, 1887: 1087	[Quaternary]
N	nd	0	1	Sø			<i>Phormospyris trifoliata</i> Haeckel, 1887: 1087	[Quaternary]
N		1	1	S			<i>Phormostichoartus ashbyi</i> Renaudie & Lazarus, 2015: 187	I. Late Miocene-Early Pliocene
N		1	1	S			<i>Phormostichoartus fistula</i> Nigrini, 1977: 253	Eocene-Oligocene
N		1	1	S			<i>Phormostichoartus pitomorphus</i> Caulet, 1986a: 850	Early Pliocene-Early Pleistocene
N		1	1	S			<i>Phormostichoartus schneideri</i> Nigrini & Caulet, 1992: 160	Pliocene-Pleistocene
N		1	1	S			<i>Phormostichoartus? strongi</i> Hollis, 1997: 59	Early Paleocene
S	nd	1	1	S			<i>Phortidium (Phortolarcus) regulare</i> Campbell & Clark, 1944: 31	e. Late Miocene
S	nd	0	1	Sø			<i>Phortidium abnorme</i> Haeckel, 1887: 710	[Quaternary]
S	nd	0	1	Sø		Td	<i>Phortidium deforme</i> Haeckel, 1887: 710	[Quaternary]
S		1	1	S			<i>Phortidium itakii</i> Zhang & Suzuki, 2017: 45	Holocene-Living
S		1	1	S			<i>Phortidium multispinum</i> Popofsky, 1912: 154	Living
S		1	1	S			<i>Phortidium polycladum</i> Tan & Tchang, 1976: 308	Living
S		1	1	S		T	<i>Phortidium pylonium</i> Haeckel, 1887: 709	[Quaternary]
S		1	1	S			<i>Phortidium scitulum</i> Zhang & Suzuki, 2017: 45	Holocene-Living
S	nd	0	1	Sø			<i>Phortidium spironium</i> Haeckel, 1887: 709	Living
N	nd	1	1	S		Td	<i>Phrenocodon clathrostomium</i> Haeckel, 1887: 1434	[Quaternary]
N	nd	0	1	Sø			<i>Phrenocodon diaphragma</i> Haeckel, 1887: 1434	[Quaternary]

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
C	nd	1	1	S		Td	<i>Physematium atlanticum</i> Meyen, 1834: 162	Living
C		1	1	S			<i>Physematium muelleri</i> Schneider, 1858: 38	Living
C	nd	1	1	S			<i>Physematium vermiculare</i> Meyen, 1834: 163	Living
S	nd	0	1	Sø			<i>Pipetta conus</i> Haeckel, 1887: 338	[Quaternary]
S		1	1	S		Ts	<i>Pipetta fusus</i> Haeckel, 1887: 337	[Early Miocene]
S	nd	0	1	Sø			<i>Pipetta salpinx</i> Haeckel, 1887: 338	[Quaternary]
S		1	1	S			<i>Pipetta tuba</i> Haeckel, 1887: 337	[Quaternary]
S	nd	0	1	Sø			<i>Pipettaria fusaria</i> Haeckel, 1887: 339	[Quaternary]
S		1	1	S		Ts	<i>Pipettaria tubaria</i> Haeckel, 1887: 339	[Quaternary]
S	nd	0	1	Sø			<i>Pipettella elongata</i> Haeckel, 1887: 305	[Quaternary]
S	nd	1	1	S			<i>Pipettella falax</i> Vinassa de Regny, 1900: 573	I. Early Miocene
S	nd	0	1	Sø			<i>Pipettella fusiformis</i> Haeckel, 1887: 304	[Quaternary]
S		1	1	S		Ts	<i>Pipettella prismatica</i> Haeckel, 1887: 305	[Quaternary]
S	nd	0	1	Sø			<i>Pipettella tubulosa</i> Haeckel, 1887: 305	[Quaternary]
E	nd	1	1	S			<i>Pityomma drymodes</i> Haeckel, 1887: 260	Living
E	nd	0	1	Sø			<i>Pityomma piniferum</i> Haeckel, 1887: 260	Living
E	nd	0	1	Sø		Td	<i>Pityomma scoparium</i> Haeckel, 1887: 259	Living
N		1	1	S		Ts	<i>Plagiacantha abietina</i> Hertwig, 1879: 200	Living
N	nd	0	0	Sø			<i>Plagiacantha abietina quadrispina</i> Hertwig, 1879: 201	Living
N		0	1	Sd	syn		<i>Tetraplagia abietina</i> Haeckel, 1887: 912	Living
N	nd	0	1	Sø			<i>Plagiacantha arachnoides minor</i> Jørgensen, 1900: 73	Living
N	nd	0	1	Sø			<i>Plagiacantha dodecantha</i> Haeckel, 1887: 910	Living
N	nd	0	1	Sø			<i>Plagiacantha elatine</i> Haeckel, 1887: 911	[Early Miocene]
N	nd	0	1	Sø			<i>Plagiacantha furcata</i> Haeckel, 1887: 910	Living
N		1	1	S			<i>Plagiacantha? panarium</i> Dumitrica, 1973a: 835	e. Early Pleistocene
N	nd	0	1	Sø			<i>Plagiacantha verticillata</i> Haeckel, 1887: 910	Living
N		1	1	S		Ts	<i>Plagiocarpa procortina</i> Haeckel, 1887: 914	Living
N	nd	0	1	Sø			<i>Plagiocarpa procyrtella</i> Haeckel, 1887: 914	Living
N	nd	0	1	Sø		Td	<i>Plagonidium bigeminum</i> Haeckel, 1887: 913	Living
N	nd	0	1	Sø			<i>Plagonidium quadrigeminum</i> Haeckel, 1887: 914	Living
N	nd	0	1	Sø			<i>Plagoniscus cortinaris</i> Haeckel, 1887: 913	Living
N	nd	0	1	Sø			<i>Plagoniscus euscenium</i> Haeckel, 1887: 912	Living
N	nd	0	1	Sø			<i>Plagoniscus nassellaris</i> Haeckel, 1887: 913	Living
N		1	1	S		Ts	<i>Plagoniscus tripodiscus</i> Haeckel, 1887: 912	Living
N	nd	0	1	Sø			<i>Plagonium arborescens</i> Haeckel, 1887: 917	Living
N	nd	0	1	Sø			<i>Plagonium distriactis</i> Haeckel, 1887: 917	Living
N	nd	0	1	Sø			<i>Plagonium lampoxanthium</i> Haeckel, 1887: 917	Living
N	nd	1	1	S		Td	<i>Plagonium sphaerozoum</i> Haeckel, 1887: 916	Living
N	nd	0	1	Sø			<i>Plagonium trigeminum</i> Haeckel, 1887: 917	[Quaternary]
N		1	1	S			<i>Plannapus hornibrooki</i> O'Connor, 1999: 7	I. Middle Eocene-Late Eocene
N		1	1	S			<i>Plannapus mauricei</i> O'Connor, 1999: 8	I. Middle Eocene-Late Eocene
N		1	1	S			<i>Platybursa harpoi</i> Renaudie & Lazarus, 2013: 79	Early Pliocene-Early Pleistocene
N		1	1	S			<i>Plectacantha cremastoplegma</i> Nigrini, 1968: 55	Living
N		1	1	S		T	<i>Plectacantha oikiskos</i> Jørgensen, 1905: 131	Living
N		1	1	S			<i>Plectacantha trichoides</i> Jørgensen, 1905: 132	Living
N		1	1	S		T	<i>Plectagonidium deflandrei</i> Cachon & Cachon, 1969: 236	Living
N		1	1	S			<i>Plectaniscus annulatus</i> Popofsky, 1913: 278, 412	Living
N	nd	0	1	Sø			<i>Plectaniscus archiscenium</i> Haeckel, 1887: 925	[Quaternary]
N	nd	0	1	Sø			<i>Plectaniscus cladoscenium</i> Haeckel, 1887: 925	Living
N	nd	0	1	Sø			<i>Plectaniscus clathrocorys</i> Haeckel, 1887: 925	[Quaternary]
N		1	1	S		Ts	<i>Plectaniscus cortiniscus</i> Haeckel, 1887: 925	Living
N	nd	0	1	Sø			<i>Plectaniscus tripodiscus</i> Haeckel, 1887: 925	Living
N	nd	0	1	Sø			<i>Plectanium ovoidimare</i> Haeckel, 1887: 928	Living
N		1	1	S		T	<i>Plectanium? simplex</i> Cleve, 1899: 14, 17, 32, 50	Living
N	nd	0	1	Sø			<i>Plectanium sphaerozoum</i> Haeckel, 1887: 928	Living
N		1	1	S		T	<i>Plectanium trigeminum</i> Haeckel, 1887: 928	Living
N	nd	0	1	Sø		Td	<i>Plectocoronis anacantha</i> Haeckel, 1887: 979	[Quaternary]
N	nd	1	1	S			<i>Plectocoronis pentacantha</i> Haeckel, 1887: 979	Living
N	nd	0	1	Sø			<i>Plectocoronis triacantha</i> Haeckel, 1887: 979	[Quaternary]
S		1	1	S			<i>Plectodiscus runanganus</i> O'Connor, 1999: 6	Late Eocene
S	nd	1	1	S			<i>Plectodiscus totschiinae</i> Kozlova, 1984a: 206	Late Paleocene?-Early Eocene
N	nd	0	1	Sø			<i>Plectophora novena</i> Haeckel, 1887: 923	Living
N	nd	0	1	Sø			<i>Plectophora pyramidalis</i> Haeckel, 1887: 923	Living
N		1	1	S			<i>Plectophora triacantha</i> Popofsky, 1908: 262	Living
N	nd	0	1	Sø		Td Th	<i>Plectophora triomma</i> Haeckel, 1887: 922	Living
N		1	1	S		Ts	<i>Plectopyramis dodecomma</i> Haeckel, 1887: 1258	[Quaternary]
N		1	1	S			<i>Plectopyramis fenestrata</i> Haeckel, 1887: 1259	
N	nd	0	1	Sø			<i>Plectopyramis furcata</i> Haeckel, 1887: 1259	[Quaternary]
N	nd	0	1	Sø			<i>Plectopyramis heteromma</i> Haeckel, 1887: 1259	[Quaternary]
N	nd	0	1	Sø		Td	<i>Plectopyramis hexapleura</i> Haeckel, 1887: 1257	[Quaternary]



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	0	1	Sø			<i>Plectopyramis lagena</i> Haeckel, 1887: 1260	[Quaternary]
N		1	1	S		Ts	<i>Plectopyramis magnifica</i> Haeckel, 1887: 1257	[Eocene]
N		1	1	S			<i>Plectopyramis pacifica</i> Nakaseko, 1963: 170	I. Middle Miocene
N	nd	0	1	Sø			<i>Plectopyramis polygonomma</i> Haeckel, 1887: 1258	[Quaternary]
N		1	1	S		T	<i>Plectopyramis polypleura</i> Haeckel, 1887: 1260	[Quaternary]
N	nd	0	1	Sø			<i>Plectopyramis quadratomma</i> Haeckel, 1887: 1258	[Quaternary]
N	nd	0	1	Sø			<i>Plectopyramis serrata</i> Haeckel, 1887: 1259	[Quaternary]
N		1	1	S			<i>Plectopyramis trapezomma</i> Haeckel, 1887: 1258	[Quaternary]
S	nd	1	1	S			<i>Plegmosphaera (Plegmosphaerusa) churchi</i> Campbell & Clark, 1944: 10	e. Late Miocene
S	nd	0	1	Sø			<i>Plegmosphaera coelopila</i> Haeckel, 1887: 88	Living
S	nd	1	1	S			<i>Plegmosphaera coronata</i> Hollande & Enjumet, 1960: 103	Living
E	nd	0	1	Su			<i>Plegmosphaera entodictyon</i> Haeckel, 1887: 88	Living
E	nd	1	0	Sf	syn	Td	<i>Plegmosphaera entodictyon</i> Hollande & Enjumet, 1960: 103	Living
E		1	1	S		T	<i>Plegmosphaera exodictyon</i> Haeckel, 1887: 89	Living
E		1	1	S			<i>Plegmosphaera lepticali</i> Renz, 1976: 115	Living
S	nd	0	1	Sø			<i>Plegmosphaera leptodictyon</i> Haeckel, 1887: 89	Living
E	nd	0	1	Su			<i>Plegmosphaera leptoplegma</i> Haeckel, 1887: 89	Living
E	nd	1	0	Sf	syn	Td	<i>Plegmosphaera leptoplegma</i> Hollande & Enjumet, 1960: 103	Living
E	nd	0	1	Sø		Td	<i>Plegmosphaera maxima</i> Haeckel, 1887: 88	Living
E		1	1	S			<i>Plegmosphaera oblonga</i> Takahashi, 1991: 62	Living
S		1	1	S			<i>Plegmosphaera ovata</i> Su, 1982: 281	Living
S	nd	0	1	Sø			<i>Plegmosphaera pachypila</i> Haeckel, 1887: 88	Living
S	nd	0	1	Sø			<i>Plegmosphaera pachyplegma</i> Haeckel, 1887: 89	Living
S	nd	1	1	S			<i>Plegmosphaera recubertis</i> Alvira-Martín, 1972a: 21	[Miocene]
N	nd	0	1	Sø			<i>Pleuropodium cortina</i> Haeckel, 1887: 1336	Living
N		1	1	S			<i>Pleuropodium? tortuosum</i> Nishimura, 1992: 346	Middle Paleocene
N	nd	0	1	Sø			<i>Podocampe conica</i> Haeckel, 1887: 1446	[Quaternary]
N	nd	0	1	Sø			<i>Podocampe cornuta</i> Haeckel, 1887: 1446	[Quaternary]
N	nd	1	1	S			<i>Podocampe tricenota</i> Haeckel, 1887: 1446	[Quaternary]
N	nd	0	1	Sø		Td	<i>Podocampe tripodiscus</i> Haeckel, 1887: 1446	[Early Miocene]
N		1	1	S			<i>Podocampe yatsuoensis</i> Nakaseko, 1955: 108	I. Early Miocene
N	nd	1	1	S		Td	<i>Podocoronis cortiniscus</i> Haeckel, 1887: 981	[Quaternary]
N	nd	0	1	Sø		Td	<i>Podocoronis dipodiscus</i> Haeckel, 1887: 980	[Quaternary]
N	nd	0	1	Sø		Td	<i>Podocoronis hexapodiscus</i> Haeckel, 1887: 982	[Quaternary]
N	nd	0	1	Sø		Td	<i>Podocoronis petalospyris</i> Haeckel, 1887: 982	[Eocene]
N	nd	0	1	Sø			<i>Podocoronis polypodiscus</i> Haeckel, 1887: 982	[Quaternary]
N	nd	0	1	Sø		Td	<i>Podocoronis tetrapodiscus</i> Haeckel, 1887: 981	[Quaternary]
N		1	1	S			<i>Podocoronis toxarium</i> Haeckel, 1887: 980	[Quaternary]
N	nd	0	1	Sø			<i>Podocoronis tripodiscus</i> Haeckel, 1887: 981	[Eocene]
N		1	1	S			<i>Podocyrtis (Lampterium) acalles</i> Sanfilippo & Riedel, 1992: 12	Early Eocene
N		1	1	S			<i>Podocyrtis (Lampterium) aphorma</i> Riedel & Sanfilippo, 1970: 534	Early Eocene
N		1	1	S			<i>Podocyrtis (Lampterium) chalara</i> Riedel & Sanfilippo, 1970: 535	Middle Eocene
N		1	1	S			<i>Podocyrtis (Lampterium) helenae</i> Nigrini, 1974: 1070	e. Middle Eocene
N		1	1	S			<i>Podocyrtis (Lampterium) mirabilis</i> Sugiyama & Saito, 1994: 394	e. Middle Eocene
N		1	1	S			<i>Podocyrtis (Lampterium) trachodes</i> Riedel & Sanfilippo, 1970: 535	e. Middle Eocene
N		1	1	S			<i>Podocyrtis (Podocyrtidium) fasciata</i> Clark & Campbell, 1942: 80	e. Middle Eocene
N		1	1	S			<i>Podocyrtis (Podocyrtis) ampla fasciolata</i> Nigrini, 1974: 1069	e. Middle Eocene
N		1	1	S			<i>Podocyrtis (Podocyrtis) diamesa</i> Riedel & Sanfilippo, 1970: 533	Middle Eocene
N		1	1	S			<i>Podocyrtis (Podocyrtis) dorus</i> Sanfilippo & Riedel, 1973: 531	e. Middle Eocene
N		0	1	Su			<i>Podocyrtis (Podocyrtis) phyxis</i> Sanfilippo & Riedel, 1973: 531	e. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis (Podocyrtis) phyxis</i> Riedel & Sanfilippo, 1977	e. Middle Eocene
N		1	1	S			<i>Podocyrtis (Podocyrtis) platypus</i> Sanfilippo & Riedel, 1973: 531	Early Eocene-e. Middle Eocene
N		1	1	S		Ts	<i>Podocyrtis (Podocyrtopsis) apeza</i> Sanfilippo & Riedel, 1992: 14	Middle Eocene-Late Eocene
N		0	1	Su			<i>Podocyrtis aculeata</i> Ehrenberg, 1874b: 248	I. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Podocyrtis aculeata</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N	nn	0	0	Sp	pre		<i>Podocyrtis aegles</i> Ehrenberg, 1854a: table	
N		0	1	Su			<i>Podocyrtis aegles</i> Ehrenberg, 1854b: 245	Holocene
N		1	0	Sf	syn		<i>Podocyrtis aegles</i> Ehrenberg, 1854d	Holocene
N	nd	0	1	Su			<i>Podocyrtis aerostatica</i> Ehrenberg, 1874b: 248	I. Middle Eocene
N	nd	1	0	Sf	syn		<i>Podocyrtis aerostatica</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis? amphiacantha</i> Ehrenberg, 1874b: 248	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis amphiacantha</i> Ehrenberg, 1876: 80-81	Holocene
N		0	1	Su			<i>Podocyrtis? ampla</i> Ehrenberg, 1874b: 248	I. Middle Eocene
N		1	0	Sf	syn	Ts	<i>Podocyrtis? ampla</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis argulus</i> Ehrenberg, 1874b: 248	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis argulus</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis argus</i> Ehrenberg, 1874b: 248	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis argus</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis attenuata</i> Ehrenberg, 1874b: 249	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis attenuata</i> Ehrenberg, 1876: 80-81	I. Middle Eocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		0	1	Su			<i>Podocyrtis bicornis</i> Ehrenberg, 1874b: 249	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis bicornis</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N	nd	1	1	S			<i>Podocyrtis brevipes</i> Harting, 1863: 12	[Quaternary]
N	hom	0	1	Su			<i>Podocyrtis brevipes</i> Ehrenberg, 1874b: 249	I. Middle Eocene
N	hom	1	0	Sf	syn		<i>Podocyrtis brevipes</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis centriscus</i> Ehrenberg, 1874b: 249	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis centriscus</i> Ehrenberg, 1876: 80-81	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis charybdea</i> Müller, 1855b: 673	Living
N		1	0	Sf	syn	Ts	<i>Pterocanium charybdeum</i> Müller, 1859b: 43	Living
N		0	1	Su			<i>Podocyrtis collaris</i> Ehrenberg, 1874b: 249	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis collaris</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N	nd	0	1	Sø			<i>Podocyrtis conica</i> Haeckel, 1887: 1338	[Quaternary]
N	nd	0	1	Sø			<i>Podocyrtis conulus</i> Haeckel, 1887: 1339	[Quaternary]
N		1	1	S			<i>Podocyrtis corythaeola</i> Haeckel, 1887: 1339	[Living]
N	nd	0	1	Sø			<i>Podocyrtis costata</i> Haeckel, 1887: 1345	[Quaternary]
N		1	0	Sf			<i>Podocyrtis cothurnata</i> Ehrenberg, 1854d	I. Middle Eocene
N		0	1	Sd	syn		<i>Podocyrtis cothurnata</i> Haeckel, 1862: 310	
N		1	1	S			<i>Podocyrtis cristata</i> Haeckel, 1887: 1342	[Quaternary]
N		1	1	S			<i>Podocyrtis dilatata</i> Vinassa de Regny, 1900: 582	I. Early Miocene
N		0	1	Su			<i>Podocyrtis dipus</i> Ehrenberg, 1874b: 250	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis dipus</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N		1	1	S			<i>Podocyrtis divergens</i> Haeckel, 1887: 1340	[Quaternary]
N		0	1	Su			<i>Podocyrtis dominasinensis</i> Ehrenberg, 1874b: 250	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis dominasinensis</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis euceros</i> Ehrenberg, 1874b: 250	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis euceros</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis eulophos</i> Ehrenberg, 1874b: 251	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis eulophos</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N		1	1	S			<i>Podocyrtis exquisita</i> Kozlova in Kozlova & Gorbovetz, 1966: 106	Late Paleocene
N	nd	0	1	Sø			<i>Podocyrtis favosa</i> Haeckel, 1887: 1346	[Quaternary]
N	nd	0	1	Sø			<i>Podocyrtis floribunda</i> Haeckel, 1887: 1347	[Quaternary]
N		1	1	S			<i>Podocyrtis flosculata</i> Haeckel, 1887: 1341	[Early Miocene]
N	nd	0	1	Sø			<i>Podocyrtis fusiformis</i> Haeckel, 1887: 1346	Living
N		1	1	S			<i>Podocyrtis grata</i> Kozlova in Kozlova & Gorbovetz, 1966: 107	Early Eocene
N	nd	0	1	Sø			<i>Podocyrtis hexagonalis</i> Haeckel, 1887: 1343	[Quaternary]
N		1	1	S			<i>Podocyrtis hirsutus</i> Krasheninnikov, 1960: 300	Early Eocene
N		1	1	S			<i>Podocyrtis lithoconus</i> Haeckel, 1887: 1348	[Quaternary]
N		1	1	S			<i>Podocyrtis magnifica</i> Haeckel, 1887: 1341	[Living]
N		1	1	S			<i>Podocyrtis micracanthus</i> Harting, 1863: 17	[Quaternary]
N		1	0	Sf			<i>Podocyrtis mitra</i> Ehrenberg, 1854d	I. Middle Eocene
N		0	1	Sd	syn		<i>Podocyrtis mitra</i> Haeckel, 1862: 339	
N		0	1	Su			<i>Podocyrtis mitrella</i> Ehrenberg, 1874b: 251	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis mitrella</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis nana</i> Ehrenberg, 1874b: 251	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis nana</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N	nd	0	1	Sø			<i>Podocyrtis ovata</i> Haeckel, 1887: 1343	Living
N		1	1	S		T	<i>Podocyrtis papalis</i> Ehrenberg, 1847: 55	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis parvipes</i> Ehrenberg, 1874b: 252	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis parvipes</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N		1	1	S		Ts	<i>Podocyrtis pedicellaria</i> Haeckel, 1887: 1347	[Quaternary]
N		0	1	Su			<i>Podocyrtis pentacantha</i> Ehrenberg, 1874b: 252	I. Middle Eocene
N		1	0	Sf	syn	T	<i>Podocyrtis pentacantha</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis princeps</i> Ehrenberg, 1874b: 252	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis princeps</i> Ogane et al., 2009b	I. Middle Eocene
N		1	1	S		Ts	<i>Podocyrtis prismatica</i> Haeckel, 1887: 1340	[Quaternary]
N		0	1	Su			<i>Podocyrtis puellasinensis</i> Ehrenberg, 1874b: 252	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis puellasinensis</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis radicata</i> Ehrenberg, 1874b: 253	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis radicata</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis rhizodon</i> Ehrenberg, 1874b: 253	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis rhizodon</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N	nd	0	1	Sø			<i>Podocyrtis scaphopodia</i> Haeckel, 1887: 1347	[Quaternary]
N		1	1	S			<i>Podocyrtis schomburgki</i> Ehrenberg, 1847: 55	I. Middle Eocene
N		0	1	Su			<i>Podocyrtis sinuosa</i> Ehrenberg, 1874b: 253	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis sinuosa</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
N	nd	0	1	Sø			<i>Podocyrtis sphaerogaster</i> Haeckel, 1887: 1349	[Quaternary]
N	nd	1	1	S			<i>Podocyrtis strangulata</i> Vinassa de Regny, 1900: 583	I. Early Miocene
N		1	1	S			<i>Podocyrtis surena</i> Haeckel, 1887: 1339	[Quaternary]
N		0	1	Su			<i>Podocyrtis tetracantha</i> Ehrenberg, 1874b: 254	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrtis tetracantha</i> Ehrenberg, 1876: 82-83	I. Middle Eocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	0	1	Sø			<i>Podocyrthis thyrsocheras</i> Haeckel, 1887: 1338	[Quaternary]
N		0	1	Su			<i>Podocyrthis triacantha</i> Ehrenberg, 1874b: 254	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrthis triacantha</i> Ehrenberg, 1876: 82-83	Late Eocene
N	nd	0	1	Sø			<i>Podocyrthis tridactyla</i> Haeckel, 1887: 1339	Living
N		1	1	S			<i>Podocyrthis trifidus</i> Mamedov, 1969a: 29	Early Eocene
N		1	1	S		Ts	<i>Podocyrthis tripodiscus</i> Haeckel, 1887: 1338	[Quaternary]
N	nd	0	1	Sø			<i>Podocyrthis tripus</i> Haeckel, 1887: 1349	
N	nd	1	1	S			<i>Podocyrthis urceolata</i> Haeckel, 1887: 1343	[Quaternary]
N		0	1	Su			<i>Podocyrthis ventricosa</i> Ehrenberg, 1874b: 254	I. Middle Eocene
N		1	0	Sf	syn		<i>Podocyrthis ventricosa</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
S	nn	1	0	S		Tn	<i>Polydiscus compositus</i> Zaynutdinov, 1978	Eocene
N	nd	0	1	Sø			<i>Polyplagia duodenaria</i> Haeckel, 1887: 918	Living
N	nd	0	1	Sø			<i>Polyplagia novenaria</i> Haeckel, 1887: 918	Living
N	nd	0	1	Sø			<i>Polyplagia octonaria</i> Haeckel, 1887: 918	Living
N	nd	0	1	Sø		Td	<i>Polyplagia septenaria</i> Haeckel, 1887: 918	Living
N	nd	0	1	Sø			<i>Polyplagia viminaria</i> Haeckel, 1887: 919	Living
N	nd	0	1	Sø			<i>Polyplecta decacantha</i> Haeckel, 1887: 930	[Quaternary]
N	nd	0	1	Sø			<i>Polyplecta enneacantha</i> Haeckel, 1887: 929	[Quaternary]
N		1	1	S		T	<i>Polyplecta heptacantha</i> Haeckel, 1887: 929	Living
C	nn	0	0	Sp	pre		<i>Polysolenia abyssi</i> Ehrenberg, 1861a: 769	
C		0	1	Su			<i>Polysolenia abyssi</i> Ehrenberg, 1873a: 318	Holocene
C		1	0	Sf	syn		<i>Polysolenia abyssi</i> Suzuki <i>et al.</i> , 2009a	Holocene
C		1	1	S			<i>Polysolenia arktios</i> Nigrini, 1970: 166	Late Pleistocene
C	nn	0	0	Sø			<i>Polysolenia irregularis</i> Ehrenberg, 1861b: 824	Holocene
C		0	1	Su			<i>Polysolenia setosa</i> Ehrenberg, 1873a: 318	Holocene
C		1	0	Sf	syn	T	<i>Polysolenia setosa</i> Ehrenberg, 1873b: 298-299	Holocene
N		1	1	S		Ts	<i>Poroamphora paradoxa</i> Popofsky, 1908: 294	Living
S		1	1	S		Ts	<i>Porococcus enigmaticus</i> Hollande & Enjumet, 1960: 120	Living
S		1	1	S			<i>Porodiscus (Trematodiscus) charlestonensis</i> Clark & Campbell, 1945: 23	e. Middle Eocene
S		1	1	S		Ts	<i>Porodiscus (Trematodiscus) circularis</i> Clark & Campbell, 1942: 42	e. Middle Eocene
S	hom	1	1	S			<i>Porodiscus (Trematodiscus) parvus</i> Clark & Campbell, 1942: 42	e. Middle Eocene
S		1	1	S			<i>Porodiscus annularius</i> Lipman, 1949: 116	Early Eocene
S	nd	1	1	S			<i>Porodiscus bassanii</i> Principi, 1909: 12	Middle Miocene
S		1	1	S			<i>Porodiscus bergontianus</i> Carnevale, 1908: 23	e. Middle Miocene
S		1	1	S		Ts	<i>Porodiscus centrospira</i> Haeckel, 1887: 495	[Quaternary]
S		1	1	S			<i>Porodiscus compactus</i> Lipman, 1950: 60	Late Eocene
S	nd	1	1	S			<i>Porodiscus cornutus</i> Borisenko, 1959: 40	Late Eocene
S		1	1	S			<i>Porodiscus delicatulus</i> Lipman, 1953: 143	Late Eocene
S		1	1	S			<i>Porodiscus discospira</i> Vinassa de Regny, 1900: 575	I. Early Miocene
S	nd	1	1	S			<i>Porodiscus durus</i> Moksyakova, 1970: 146	Late Eocene
S		1	1	S			<i>Porodiscus ellipticus</i> Carnevale, 1908: 23	e. Middle Miocene
S	nn	1	0	S			<i>Porodiscus ex gr. laxus</i> Moksyakova in Zaynutdinov, 1978	Eocene
S		1	1	S			<i>Porodiscus flustrella</i> Haeckel, 1887: 493	Living
S		1	1	S			<i>Porodiscus fortis</i> Carnevale, 1908: 24	e. Middle Miocene
S	nd	1	1	S			<i>Porodiscus hirtus</i> Vinassa de Regny, 1900: 575	I. Early Miocene
S		1	1	S			<i>Porodiscus intentatus</i> Kozlova, 1960: 311	Middle Miocene
S		1	1	S			<i>Porodiscus irregularis</i> Haeckel, 1887: 498	Living
S	nd	1	1	S			<i>Porodiscus laevigatus</i> Principi, 1909: 12	Middle Miocene
S	hom	1	1	S			<i>Porodiscus laevigatus</i> Lucchese, 1927: 96	e. Middle Miocene
S	nd	1	1	S			<i>Porodiscus marmoratus</i> Moksyakova, 1961: 238	Late Eocene
S		1	1	S			<i>Porodiscus microporus polipora</i> Vinassa de Regny, 1900: 575	I. Early Miocene
S		1	1	S			<i>Porodiscus nummuliformis</i> Krasheninnikov, 1960: 290	Early Eocene
S	nd	1	1	S			<i>Porodiscus ornatus</i> Borisenko, 1958: 95	Paleocene
S	nd	1	1	S			<i>Porodiscus parvus</i> Principi, 1909: 12	Middle Miocene?
S	nd	1	1	S			<i>Porodiscus pellucidus</i> Moksyakova, 1970: 147	Late Eocene
S	nn	1	0	S			<i>Porodiscus pellucidus</i> Moksyakova in Zaynutdinov, 1978	Eocene
S		1	1	S		Ts Th	<i>Porodiscus perispira</i> Haeckel, 1887: 495	[Quaternary]
S		1	1	S			<i>Porodiscus polyconcentricus</i> Lipman, 1979: 74	e. Middle Eocene
S	nd	1	1	S			<i>Porodiscus pseudospiralis</i> Vinassa de Regny, 1900: 575	I. Early Miocene
S	nd	1	1	S			<i>Porodiscus quadrigatus</i> Haeckel, 1887: 494	Living
S	nd	0	1	Sø			<i>Porodiscus radiatus</i> Haeckel, 1887: 495	Living
S		1	1	S			<i>Porodiscus semispiralis</i> Haeckel, 1887: 497	Living
S	nd	1	1	S			<i>Porodiscus spiraliformis</i> Principi, 1909: 12	Middle Miocene
S		1	1	S			<i>Porodiscus squinaboli</i> Carnevale, 1908: 23	e. Middle Miocene
S	nd	1	1	S			<i>Porodiscus turgaicus</i> Lipman, 1953: 144	Eocene
S	nd	1	1	S			<i>Porodiscus uniserialis</i> Vinassa de Regny, 1900: 575	I. Early Miocene
S		1	1	S			<i>Porodiscus uralicus</i> Lipman in Lipman <i>et al.</i> , 1960: 86	Late Eocene
S	nd	1	1	S			<i>Porodiscus vinassai</i> Principi, 1909: 12	Middle Miocene
N	nd	1	1	S			<i>Prismatium tripodium</i> Haeckel, 1887: 1009	Living
W		1	1	S			<i>Prismozoon neapolitanum</i> Burchardt, 1900: 788	Living



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
C		1	1	S		T	<i>Procyttarium primordiale</i> Haeckel, 1879: 705	Living
N		1	1	S			<i>Protoscenium pantarhei</i> Renaudie & Lazarus, 2013: 74	e. Middle Miocene-Late Pliocene
S		1	1	S			<i>Protoxiphotractus wilsoni</i> Hollis, 1997: 38	Early Paleocene
N	nd	1	1	S			<i>Protympanium amphipodium</i> Haeckel, 1887: 992	[Quaternary]
N	nd	0	1	Sø		Td	<i>Protympanium primordiale</i> Haeckel, 1887: 991	[Quaternary]
N	nd	0	1	Sø			<i>Protympanium trissocircus</i> Haeckel, 1887: 992	[Early Miocene]
S	nd	1	1	S		Td	<i>Prunocarpus artocarpium</i> Haeckel, 1887: 316	Living
S	nd	0	1	Sø		Td	<i>Prunocarpus datura</i> Haeckel, 1887: 316	Living
S	nd	0	1	Sø			<i>Prunocarpus melocactus</i> Haeckel, 1887: 317	[Early Miocene]
S	nd	0	1	Sø			<i>Prunocarpus sparganium</i> Haeckel, 1887: 316	[Eocene]
S		1	1	S			<i>Prunopyle adelostoma</i> Kozlova in Kozlova & Gorbovetz, 1966: 67	Early Eocene
S	hom	1	1	S		Ts	<i>Prunopyle antarctica</i> Dreyer, 1889: 24	[Quaternary]
S		1	1	S			<i>Actinomma friedrichdreyeri</i> Burridge, Bjørklund & Kruglikova in Burridge <i>et al.</i> , 2014: 52	Living
S		1	1	S			<i>Prunopyle burbachi</i> Dreyer, 1889: 20	[Quaternary]
S		1	1	S			<i>Prunopyle buspinigerum</i> Hays, 1965: 171	Middle Pleistocene
S		1	1	S			<i>Prunopyle craticulata</i> Dreyer, 1889: 22	[Quaternary]
S		1	1	S			<i>Prunopyle frakesi</i> Chen, 1974: 482	Oligocene
S		1	1	S			<i>Prunopyle haackei</i> Dreyer, 1889: 19	[Quaternary]
S		1	1	S			<i>Prunopyle hayesi</i> Chen, 1974: 481	Oligocene-Late Miocene
S		1	1	S			<i>Prunopyle longiseta</i> Dreyer, 1890: 11	e. Middle Miocene
S		1	1	S			<i>Prunopyle monocyrtes</i> Dreyer, 1889: 23	[Quaternary]
S		1	1	S			<i>Prunopyle occidentalis</i> Clark & Campbell, 1942: 35	e. Middle Eocene
S		1	1	S			<i>Prunopyle ovata</i> Kozlova in Kozlova & Gorbovetz, 1966: 67	Early Eocene
S		1	1	S			<i>Prunopyle petrosa</i> Dreyer, 1889: 21	[Quaternary]
S		1	1	S			<i>Prunopyle prunooides</i> Dreyer, 1889: 19	[Quaternary]
S		1	1	S		T	<i>Prunopyle pyriformis</i> Dreyer, 1889: 18	[Quaternary]
S		1	1	S			<i>Prunopyle semoni</i> Dreyer, 1889: 22	[Quaternary]
S		1	1	S			<i>Prunopyle solida</i> Dreyer, 1889: 23	[Quaternary]
S		1	1	S			<i>Prunopyle tetrapila</i> Hays, 1965: 172	Pliocene-Pleistocene
S		1	1	S			<i>Prunopyle titan</i> Campbell & Clark, 1944: 20	e. Late Miocene
S		1	1	S			<i>Prunopyle trypopyrena</i> Caulet, 1991: 533	Early Oligocene-Late Oligocene
S		1	1	S			<i>Prunopyle waltheri</i> Dreyer, 1889: 20	[Quaternary]
S	nd	0	1	Sø			<i>Prunulum amygdalum</i> Haeckel, 1887: 313	Living
S	nd	0	1	Sø			<i>Prunulum cerasum</i> Haeckel, 1887: 313	[Quaternary]
S		1	1	S		Ti	<i>Coccymelium prunulum</i> Haeckel, 1887: 313	[Quaternary]
S		1	1	S		Ts	<i>Prunulum coccymelium</i> Haeckel, 1887: 313	[Quaternary]
S	nd	1	1	S			<i>Prunulum exagonatum</i> Principi, 1909: 10	Middle Miocene
S	nd	0	1	Sø			<i>Prunulum frugulum</i> Haeckel, 1887: 313	[Quaternary]
S		1	1	S			<i>Prunulum japonicum</i> Nakaseko & Nishimura, 1975: 52	Middle Miocene
S	nd	0	1	Sø			<i>Prunulum persicum</i> Haeckel, 1887: 314	Living
S	nd	0	1	Sø			<i>Prunulum pyrenium</i> Haeckel, 1887: 315	[Quaternary]
S	nd	1	1	S			<i>Prunulum regulare</i> Carnevale, 1908: 19	e. Middle Miocene
S	nd	1	1	S			<i>Prunulum simplex</i> Vinassa de Regny, 1900: 573	l. Early Miocene
S	nd	1	1	S		Td	<i>Pseudocephalis minimus</i> Alvira-Martín, 1972a: 21	[Miocene]
N	nd	1	1	S			<i>Pseudocubus hexapylus</i> Haeckel, 1887: 1011	[Quaternary]
N		1	1	S		T	<i>Pseudocubus obeliscus</i> Haeckel, 1887: 1010	[Quaternary]
N	nd	0	1	Sø			<i>Pseudocubus octostylus</i> Haeckel, 1887: 1010	[Quaternary]
N		1	1	S			<i>Pseudocubus praeobeliscus</i> Funakawa, 1995a: 25	Early Miocene-Late Miocene
N		1	1	S			<i>Pseudocubus warreni</i> Goll, 1980: 437	Middle Pleistocene
N		1	1	S			<i>Pseudodictyophimus amundseni</i> Goll & Bjørklund, 1989: 732	l. Early Miocene
N		1	1	S			<i>Pseudodictyophimus bjorklundii</i> Vitukhin in Barinov <i>et al.</i> , 1992: 130	l. Middle Miocene
N		1	1	S			<i>Pseudodictyophimus galeatus</i> Caulet, 1991: 534	Late Eocene-Late Oligocene
N		1	1	S			<i>Pseudodictyophimus hexaptesimus</i> Sugiyama in Sugiyama <i>et al.</i> , 1992: 20	Early Pliocene
N		1	1	S			<i>Pseudodictyophimus ignatius</i> Renaudie & Lazarus, 2015: 204	Early Miocene-Late Pliocene
N		1	1	S			<i>Pseudodictyophimus leclairi</i> Caulet, 1979: 128	Early Miocene?-Late Pliocene
N		1	1	S			<i>Pseudodictyophimus leptoretis</i> Funakawa, 1995a: 26	Early Miocene
N		1	1	S			<i>Pseudodictyophimus pyramidalis</i> Funakawa, 1995a: 27	Early Miocene
N		1	1	S			<i>Pseudodictyophimus? riedeli</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 118	e. Middle Miocene
N		1	1	S			<i>Pseudodictyophimus sphaerothorax</i> Funakawa, 1995a: 28	Late Oligocene-Early Miocene
N		1	1	S			<i>Pseudodictyophimus tanythorax</i> Funakawa, 1994: 473	Late Miocene
S		1	1	S		Ts	<i>Pseudostaurolonche khilimiliensis</i> Mamedov, 1969a: 21	Late Eocene
S		1	1	S		T	<i>Pseudostaurosphaera perelegans</i> Krashenninnikov, 1960: 276	Early Eocene
N		1	1	S			<i>Psilomelissa calvata</i> Haeckel, 1887: 1209	[Quaternary]
N		1	1	S			<i>Psilomelissa longispina</i> Cleve, 1900b: 10	Living
N	nd	1	1	S			<i>Psilomelissa minuta</i> Campbell & Clark, 1944: 41	e. Late Miocene
N	nd	0	1	Sø			<i>Psilomelissa phalacra</i> Haeckel, 1887: 1208	[Quaternary]
N	nd	0	1	Sø			<i>Psilomelissa sphaerocephala</i> Haeckel, 1887: 1209	[Quaternary]
N	nd	0	1	Sø			<i>Psilomelissa tricuspadata</i> Popofsky, 1908: 284	Living
N		1	1	S			<i>Psilomelissa tricuspadata abdominalis</i> Popofsky, 1908: 284	Living
N		1	1	S			<i>Psilomelissa tricuspadata gracilis</i> Popofsky, 1908: 284	Living



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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Psychospyris grandis</i> Riedel & Sanfilippo, 1971: 1591	Early Miocene
N		1	1	S		T	<i>Psychospyris intermedia</i> Riedel & Sanfilippo, 1971: 1591	l. Early Miocene
N		1	1	S			<i>Psychospyris parva</i> Riedel & Sanfilippo, 1971: 1501	l. Early Miocene
S		0	1	Su			<i>Pteractis elegans</i> Ehrenberg, 1873a: 319	Holocene
S		1	0	Sf	syn	Ts	<i>Pteractis elegans</i> Ehrenberg, 1873b: 298-299	Holocene
N		1	1	S			<i>Pterocanium auritum</i> Nigrini & Caulet, 1992: 152	Early Pleistocene-Living
N		0	1	Su			<i>Pterocanium barbadense</i> Ehrenberg, 1874b: 254	l. Middle Eocene
N		1	0	Sf	syn	T	<i>Pterocanium barbadense</i> Ehrenberg, 1876: 82-83	l. Middle Eocene
N	nd	1	1	S			<i>Pterocanium bibrachiatum</i> Stöhr, 1880: 106	[e. Late Miocene]
N		1	1	S			<i>Pterocanium bicornis</i> Haeckel, 1887: 1332	[Quaternary]
N		0	1	Su			<i>Pterocanium bombus</i> Ehrenberg, 1874b: 254	l. Middle Eocene
N		1	0	Sf	syn		<i>Pterocanium bombus</i> Ehrenberg, 1876: 82-83	l. Middle Eocene
N		1	1	S			<i>Pterocanium brachypodium</i> Chen <i>et al.</i> , 2017: 279	Late Pleistocene
N		1	1	S			<i>Pterocanium charybdeum allium</i> Lazarus <i>et al.</i> , 1985: 197	l. Late Miocene
N		0	1	Su			<i>Pterocanium contiguum</i> Ehrenberg, 1874b: 255	l. Middle Eocene
N		1	0	Sf	syn		<i>Pterocanium contiguum</i> Ehrenberg, 1876: 82-83	l. Middle Eocene
N	nd	0	1	Sø			<i>Pterocanium dicerias</i> Seguenza, 1880: 233	Early Pliocene
N		1	1	S		Ts	<i>Pterocanium eucolpum</i> Haeckel, 1887: 1332	[Quaternary]
N	nd	1	1	S			<i>Pterocanium falciferum</i> Stöhr, 1880: 107	[e. Late Miocene]
N		1	1	S			<i>Pterocanium? gigas</i> Nishimura, 1992: 348	Middle Paleocene
N		1	1	S			<i>Pterocanium grandiporus</i> Nigrini, 1968: 57	Living
N		1	1	S			<i>Pterocanium gravidum</i> Haeckel, 1887: 1329	[Quaternary]
N	nd	0	1	Sø			<i>Pterocanium laeve</i> Dogiel in Dogiel & Reshetnyak, 1952: 18	Living
N		1	1	S			<i>Pterocanium milium</i> Tan & Su, 2003: 190	Living
N		1	1	S			<i>Pterocanium monopylum</i> Popofsky, 1913: 388	Living
N		1	1	S			<i>Pterocanium orcinum</i> Haeckel, 1887: 1329	[Quaternary]
N		1	1	S			<i>Pterocanium polypylum</i> Popofsky, 1913: 388	Living
N		1	1	S			<i>Pterocanium prismatium</i> Riedel, 1957a: 87	Miocene-Living
N		1	1	S			<i>Pterocanium? procerum</i> Nishimura, 1992: 348	Middle Paleocene
N	nn	0	0	Sp	pre		<i>Pterocanium proserpinae</i> Ehrenberg, 1858: 549	
N		0	1	Su			<i>Pterocanium proserpinae</i> Ehrenberg, 1859: 34	Holocene
N		1	0	Sf	syn	Ts	<i>Pterocanium proserpinae</i> Ehrenberg, 1873b: 298-299	Holocene
N		1	1	S			<i>Pterocanium pyramis</i> Haeckel, 1887: 1330	[Quaternary]
N		0	1	Su			<i>Pterocanium sabae</i> Ehrenberg, 1873a: 319	Holocene
N		1	0	Sf	syn		<i>Pterocanium sabae</i> Ehrenberg, 1873b: 298-299	Holocene
N		0	1	Su			<i>Pterocanium? sphinx</i> Ehrenberg, 1874b: 255	l. Middle Eocene
N		1	0	Sf	syn	Ts Th	<i>Pterocanium? sphinx</i> Ehrenberg, 1876: 82-83	l. Middle Eocene
N		1	1	S			<i>Pterocanium tricolpum</i> Haeckel, 1887: 1331	Living
N		1	1	S			<i>Pterocanium virgineum</i> Haeckel, 1887: 1330	[Quaternary]
N		1	1	S			<i>Pterocodon? anteclinata</i> Foreman, 1975: 621	Paleocene?-Early Eocene
N		0	1	Su			<i>Pterocodon apis</i> Ehrenberg, 1874b: 255	l. Middle Eocene
N		1	0	Sf	syn		<i>Pterocodon apis</i> Ehrenberg, 1876: 82-83	l. Middle Eocene
N		1	1	S		T	<i>Pterocodon campana</i> Ehrenberg, 1847: 55	l. Middle Eocene
N		0	1	Su			<i>Pterocodon campanella</i> Ehrenberg, 1874b: 256	l. Middle Eocene
N		1	0	Sf	syn		<i>Pterocodon campanella</i> Ehrenberg, 1876: 82-83	e. Middle Eocene
N		0	1	Su			<i>Pterocodon davisianus</i> Ehrenberg, 1862b: 300	Holocene
N		1	0	Sf	syn		<i>Pterocodon davisianus</i> Ehrenberg, 1873b: 298-299	Holocene
N	nd	0	1	Sø			<i>Pterocodon favosus</i> Haeckel, 1887: 1334	[Quaternary]
N		1	1	S			<i>Pterocodon lex</i> Sanfilippo & Riedel, 1979: 505	Late Paleocene-Early Eocene
N		1	1	S			<i>Pterocodon ornatus</i> Haeckel, 1887: 1333	[Quaternary]
N		1	1	S			<i>Pterocodon? poculum</i> Nishimura, 1992: 350	Middle Paleocene
N		1	1	S			<i>Pterocodon? tenellus</i> Foreman, 1973: 439	[Eocene]
N		1	1	S			<i>Pterocorys (Pterocorytidium) splendens</i> Campbell & Clark, 1944: 46	e. Late Miocene
N	nd	0	1	Sø			<i>Pterocorys amblycephalis</i> Jørgensen, 1900: 87	Living
N		1	1	S			<i>Pterocorys aquila</i> Haeckel, 1887: 1317	[Quaternary]
N		1	1	S			<i>Pterocorys bicornis</i> Popofsky, 1908: 288	Living
N	nd hom	1	1	S			<i>Pterocorys bicornis</i> Dogiel in Dogiel & Reshetnyak, 1952: 16	Living
N		1	1	S		T	<i>Pterocorys campanula</i> Haeckel, 1887: 1316	Living
N		1	1	S			<i>Pterocorys campanula variabilis</i> Caulet, 1979: 133	e. Early Pleistocene
N	nn	1	0	S			<i>Pterocorys clausus compressus</i> Petrushevskaya, 1976	
N		1	1	S			<i>Pterocorys columba</i> Haeckel, 1887: 1317	[Living]
N		1	1	S			<i>Pterocorys conica</i> Popofsky, 1913: 374	Living
N		1	1	S			<i>Pterocorys diplotriaena</i> Dogiel in Dogiel & Reshetnyak, 1952: 15	Living
N		0	1	Su			<i>Pterocorys gamphonyxos</i> Jørgensen, 1900: 86	Living
N		1	0	Sf	syn	Ts	<i>Androcyclas gamphonycha</i> Jørgensen, 1905: 139	Living
N		1	1	S			<i>Pterocorys hirundo</i> Haeckel, 1887: 1318	[Quaternary]
N		1	1	S			<i>Pterocorys irregularis</i> Cleve, 1899: 32	Living
N		1	1	S			<i>Pterocorys korotnevi</i> Dogiel in Dogiel & Reshetnyak, 1952: 17	Living
N		1	1	S			<i>Pterocorys longicollis</i> Caulet, 1986a: 850	Pliocene-e. Early Pleistocene
N		1	1	S			<i>Pterocorys longicornis</i> Popofsky, 1913: 375	Living

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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	0	1	Sø			<i>Pterocorys macroptera</i> Haeckel, 1887: 1321	Living
N		1	1	S			<i>Pterocorys melitta</i> Haeckel, 1887: 1319	Late Eocene
N	nn	1	0	S			<i>Pterocorys ob</i> Petrushevskaya, 1972a	Holocene
N	nd	0	1	Sø			<i>Pterocorys pipetta</i> Haeckel, 1887: 1320	[Quaternary]
N	nd	0	1	Sø			<i>Pterocorys prismatica</i> Haeckel, 1887: 1320	Living
N		1	1	S		Ts Th	<i>Pterocorys rhinoceros</i> Haeckel, 1887: 1320	Living
N		1	1	S			<i>Pterocorys schewiakowi</i> Dogiel in Dogiel & Reshetnyak, 1952: 17	Living
N		1	1	S			<i>Pterocorys splendens albatrossensis</i> Riedel, 1952: 7	Late Miocene-Pliocene
N	nd	0	1	Sø			<i>Pterocorys theoconus</i> Jørgensen, 1900: 86	Living
N	nd	0	1	Sø			<i>Pterocorys tricornis</i> Haeckel, 1887: 1320	Living
N		1	1	S		Ts	<i>Pterocorys tubulosa</i> Haeckel, 1887: 1319	[Quaternary]
N		1	1	S			<i>Pterocyrtidium? borissenkoi</i> Nishimura, 1992: 352	Middle Paleocene
N		1	1	S			<i>Pterocyrtidium genrietta</i> Nishimura, 1992: 352	Middle Paleocene
N		1	1	S			<i>Pterocyrtidium praebarbadense</i> Kozlova, 1983: 99	Early Paleocene-Middle Paleocene
N		1	1	S			<i>Pterocyrtidium sinense</i> Li & Matsuoka in Li <i>et al.</i> , 2018: 53	Late Paleocene
N		1	1	S			<i>Pterocyrtidium zitteli</i> Bütschli, 1882b: 531	Late Eocene
N		1	1	S		Ts	<i>Pteropilium clathrocanium</i> Haeckel, 1887: 1327	[Quaternary]
N		1	1	S			<i>Pteropilium clausum</i> Su, 1982: 284	Living
N	nd	0	1	Sø			<i>Pteropilium eques</i> Haeckel, 1887: 1327	[Quaternary]
N	nd	0	1	Sø			<i>Pteropilium hoplites</i> Haeckel, 1887: 1327	[Quaternary]
N	nd	0	1	Sø			<i>Pteropilium pyramis</i> Haeckel, 1887: 1443	[Quaternary]
N		1	1	S		T	<i>Pteropilium stratiotes</i> Haeckel, 1887: 1326	Living
N	nd	0	1	Sø			<i>Pteroscenium arcadophorum</i> Haeckel, 1887: 1152	[Quaternary]
N		1	1	S		T	<i>Pteroscenium arcuatum</i> Haeckel, 1887: 1152	[Quaternary]
N		1	1	S			<i>Pteroscenium aurivillii</i> Cleve, 1901: 53	Living
N	nd	0	1	Sø			<i>Pteroscenium macropodium</i> Haeckel, 1887: 1153	[Quaternary]
N		1	1	S			<i>Pteroscenium pinnatum</i> Haeckel, 1887: 1152	[Quaternary]
N	nd	0	1	Sø			<i>Pteroscenium spinulosum</i> Haeckel, 1887: 1152	[Early Miocene]
N	nd	0	1	Sø			<i>Pteroscenium tripocolpum</i> Haeckel, 1887: 1153	[Quaternary]
N		1	1	S			<i>Pterosyringium hamata</i> O'Connor, 1999: 27	Late Eocene
N	nd	1	1	S			<i>Pylobotrys cerebralis</i> Haeckel, 1887: 1122	Living
N	nd	1	1	S			<i>Pylobotrys fontinalis</i> Haeckel, 1887: 1122	[Quaternary]
N		1	1	S		T	<i>Pylobotrys putealis</i> Haeckel, 1887: 1121	[Quaternary]
S	nd	0	1	Sø			<i>Pylodiscus cardiopylus</i> Haeckel, 1887: 571	Living
S		1	1	S			<i>Pylodiscus echinatus</i> Tan & Su, 1982: 156	Holocene
S	nd	0	1	Sø			<i>Pylodiscus nephropylius</i> Haeckel, 1887: 571	[Early Miocene]
S	nd	0	1	Sø			<i>Pylodiscus sexangularis</i> Haeckel, 1887: 570	Living
S		1	1	S		T	<i>Pylodiscus triangularis</i> Haeckel, 1887: 570	[Quaternary]
S		1	1	S		T	<i>Pyrolamodium mongolferi</i> Dumitrica, 2020: 16	Late Paleocene-I. Middle Eocene
S		1	1	S			<i>Pyrolamodium nishimurae</i> Dumitrica, 2020: 16	Late Paleocene
S		1	1	S			<i>Pyrolamodium ovum</i> Dumitrica, 2020: 16	I. Middle Eocene
S		1	1	S		Ts	<i>Pyrolena armata</i> Haeckel, 1887: 568	Living
S		1	1	S			<i>Pyrolena hexagona</i> Chen & Tan, 1989: 8	Holocene
S	nd	0	1	Sø			<i>Pyrolena inermis</i> Haeckel, 1887: 568	Living
S	nd	0	1	Sø		Td	<i>Pylonium circozonium</i> Haeckel, 1887: 654	[Quaternary]
S		1	1	S			<i>Pylonium claviflorum</i> Tan & Chen, 1990: 121	Living
S	nd	0	1	Sø			<i>Pylonium hexazonium</i> Haeckel, 1887: 655	Living
S	nd	0	1	Sø			<i>Pylonium nephropylium</i> Haeckel, 1887: 655	Living
S	nd	0	1	Sø			<i>Pylonium octacanthum</i> Haeckel, 1887: 655	Living
S		1	1	S		Ts	<i>Pylonium quadricorne</i> Haeckel, 1887: 655	Living
S		1	1	S			<i>Pylonium scitulum</i> Tan & Chen, 1990: 120	Living
S		1	1	S			<i>Pylonium scutatatum</i> Chen & Tan, 1989: 8	Holocene
S	nd	0	1	Sø			<i>Pylonium stenozonium</i> Haeckel, 1887: 656	Living
N	nn	0	0	Sp	pre		<i>Pylosphaera mediterranea</i> Ehrenberg, 1858: 549	
N	nd	0	1	Su			<i>Pylosphaera mediterranea</i> Ehrenberg, 1859: 35	Holocene
N	nd	1	0	Sf	syn	Td	<i>Pylosphaera mediterranea</i> Suzuki <i>et al.</i> , 2009a	Holocene
S	nd	0	1	Sø		Td	<i>Pylospira cymbium</i> Haeckel, 1887: 698	Living
S		1	1	S		T	<i>Pylospira octopyle</i> Haeckel, 1887: 698	[Quaternary]
S	nd	0	1	Sø			<i>Pylospira tetrapyle</i> Haeckel, 1887: 698	Living
N	nd	1	1	S			<i>Pylospyrus canariensis</i> Haeckel, 1887: 1084	Living
S	nd	0	1	Sø			<i>Pylozonium novemcinctum</i> Haeckel, 1887: 659	Living
S		1	1	S		T	<i>Pylozonium octacanthum</i> Haeckel, 1887: 660	[Quaternary]
S		1	1	S			<i>Pylozonium polycanthum</i> Chen & Tan, 1996: 260	Holocene-Living?
S		1	1	S			<i>Qiuripyrolena chikuchik</i> Zhang & Suzuki, 2017: 52	Holocene
S		1	1	S			<i>Qiuripyrolena? multiconcentrica</i> Zhang & Suzuki, 2017: 54	Holocene
S		1	1	S		T	<i>Qiuripyrolena pompon</i> Zhang & Suzuki, 2017: 52	Holocene
W		1	1	S		Te	<i>Radiosphaera anacanthica</i> Jørgensen, 1905: 122	Living
N		1	1	S			<i>Rhabdolithis ellida</i> Sanfilippo & Riedel, 1973: 529	Late Paleocene-Early Eocene
N	nn	0	0	Sø			<i>Rhabdolithis fulgur</i> Ehrenberg, 1854d: 136	
N	nn	0	0	Sø			<i>Rhabdolithis leucophaea</i> Ehrenberg, 1854d: 176	

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	0	Sf		T	<i>Rhabdolithis pipa</i> Ehrenberg, 1854d	e. Middle Eocene?
N		0	1	Sd	syn		<i>Rhabdolithis pipa</i> Ehrenberg, 1876: 159	e. Middle Eocene?
N	nn	1	0	S			<i>Rhabdolithis sceptrum</i> Ehrenberg, 1854d	I. Middle Eocene
W	nn	1	0	S			<i>Rhabdolithis verticilligera</i> Ehrenberg, 1854d	
C		1	1	S			<i>Rhaphidozoum acuferum minutum</i> Popofsky, 1920: 553	Living
C		1	1	S			<i>Rhaphidozoum acuferum nudum</i> Popofsky, 1920: 553	Living
C	nd	0	1	Sø			<i>Rhaphidozoum arachnoides</i> Haeckel, 1887: 47	Living
C	nd	0	1	Sø			<i>Rhaphidozoum ascensionis</i> Haeckel, 1887: 48	Living
C	nd	0	1	Sø			<i>Rhaphidozoum asperum</i> Haeckel, 1887: 47	Living
C	nd	0	1	Sø			<i>Rhaphidozoum australe</i> Haeckel, 1887: 48	Living
C	nd	1	1	S			<i>Rhaphidozoum brandti</i> Popofsky, 1920: 563	Living
C	nd hom	0	1	Sø			<i>Rhaphidozoum brandti</i> Haswell, 1907: 280	Living
C	nd	0	1	Sø			<i>Rhaphidozoum capense</i> Haeckel, 1887: 48	Living
C	nd	1	1	S			<i>Rhaphidozoum cristalliferum</i> Popofsky, 1920: 562	Living
C		1	1	S			<i>Rhaphidozoum filigerum</i> Popofsky, 1920: 554	Living
C		1	1	S			<i>Rhaphidozoum granulatum</i> Popofsky, 1920: 564	Living
C	nd	0	1	Sø			<i>Rhaphidozoum pacificum</i> Haeckel, 1887: 46	Living
C		1	1	S		Ts	<i>Rhaphidozoum pandora</i> Haeckel, 1887: 49	Living
C	nd	0	1	Sø			<i>Rhaphidozoum patagonicum</i> Haeckel, 1887: 48	Living
C	nd	0	1	Sø			<i>Rhaphidozoum pelagicum</i> Haeckel, 1887: 46	Living
C	nd	0	1	Sø			<i>Rhaphidozoum polymorphum</i> Haeckel, 1887: 49	Living
C		1	1	S			<i>Rhaphidozoum tenuissimum</i> Popofsky, 1920: 556	Living
W		1	1	S		Te	<i>Rhaphiophorasphaera sol</i> Clark & Campbell, 1945: 18	e. Middle Eocene
N		1	1	S		Ts	<i>Rhizoplecta trithyris</i> Frenguelli, 1940: 77	Living
S		1	1	S			<i>Rhizoplegma coelodendroides</i> Mast, 1910: 179	Living
S		1	1	S			<i>Rhizoplegma densum</i> Blueford, 1982: 196	I. Middle Miocene-I. Late Miocene
S		1	1	S			<i>Rhizoplegma lychnosphaera</i> Haeckel, 1887: 276	Living
S	nd	0	1	Sø		Td	<i>Rhizoplegma polyacanthum</i> Haeckel, 1887: 275	Living
S		1	1	S		Ts	<i>Rhizoplegma radicum</i> Haeckel, 1887: 276	Living
S	nd	0	1	Sø			<i>Rhizoplegma spirale</i> Haeckel, 1887: 275	Living
S	nd	0	1	Sø			<i>Rhizoplegma trigonacantha</i> Haeckel, 1887: 276	Living
E		1	1	S			<i>Rhizosphaera acrocladon</i> Blueford, 1982: 196	Middle Miocene-Late Miocene
E		1	1	S			<i>Rhizosphaera algerica</i> Hollande & Enjument, 1960: 107	Living
E		1	1	S			<i>Rhizosphaera beringiana</i> Vitukhin, 1993: 87	Early Oligocene
E		1	1	S			<i>Rhizosphaera getica</i> Dumitrica, 2017: 488	I. Middle Miocene
E		1	1	S			<i>Rhizosphaera haeckeli</i> Hollande & Enjument, 1960: 107	Living
E		1	1	S			<i>Rhizosphaera helicoidalis</i> Hollande & Enjument, 1960: 107	Living
E		0	1	Su			<i>Rhizosphaera leptomita</i> Haeckel, 1861b: 840	Living
E		1	0	Sf	syn	T	<i>Rhizosphaera leptomita</i> Haeckel, 1862: 453	Living
E		1	1	S			<i>Rhizosphaera motasi</i> Dumitrica, 2017: 485	I. Middle Miocene
E		1	1	S			<i>Rhizosphaera paradoxa</i> Popofsky, 1912: 111	Living
E		1	1	S			<i>Rhizosphaera riedeli</i> Dumitrica, 2017: 485	I. Late Miocene
E		1	1	S			<i>Rhizosphaera serrata</i> Haeckel, 1887: 284	Living
E		0	1	Su			<i>Rhizosphaera trigonacantha</i> Haeckel, 1861b: 840	Living
E		1	0	Sf	syn		<i>Rhizosphaera trigonacantha</i> Haeckel, 1862: 452	Living
E		1	1	S			<i>Rhizosphaera urumica</i> Vitukhin, 1993: 87	Late Miocene
E	nn	1	0	S			<i>Rhizospongia ovalis</i> Hertwig, 1932	Living
E	nd	1	1	S		Td Th	<i>Rhizospongia sphaeroidea</i> Hertwig, 1932: 27, 28	Living
S		1	1	S		Ts	<i>Rhizospongius arachnoideus</i> Mast, 1910: 181	Living
S	nd	1	1	S			<i>Rhizospongius dendrophorus</i> Mast, 1910: 181	Living
S	nd	0	1	Sø			<i>Rhizospongius fragilis</i> Mast, 1910: 181	Living
S	nd	1	1	S			<i>Rhodosphaera (Rhodosphaeromma) nipponica</i> Nakaseko, 1955: 75	I. Early Miocene
S	nd	1	1	S			<i>Rhodosphaera donensis</i> Kozlova, 1999: 75	Middle Eocene
S	nd	0	1	Sø		Td	<i>Rhodosphaera hexagonia</i> Haeckel, 1887: 83	[Quaternary]
S	nd	1	1	S			<i>Rhodosphaera magnaporulosa</i> Nakaseko, 1964: 44	
S	nd	0	1	Sø			<i>Rhodosphaera melitomma</i> Haeckel, 1887: 83	[Quaternary]
S	nd	0	1	Sø		Td	<i>Rhodosphaera palliata</i> Haeckel, 1887: 83	[Eocene]
S	nd	0	1	Sø			<i>Rhodosphaera pentaphylla</i> Haeckel, 1887: 83	[Early Miocene]
N		1	1	S			<i>Rhodospyris? morleyi</i> Renaudie & Lazarus, 2016: 47	Late Oligocene-I. Middle Miocene
N		1	1	S			<i>Rhodospyris pulchra</i> Renaudie & Lazarus, 2016: 47	Early Miocene
N	nd	0	1	Sø			<i>Rhodospyris tricerus</i> Haeckel, 1887: 1089	Living
N		1	1	S		Ts	<i>Rhodospyris tricornis</i> Haeckel, 1887: 1089	[Living]
S		1	1	S			<i>Rhopalastrum? anomalum</i> Sutton, 1896a: 58	[Late Eocene]
S		1	1	S			<i>Rhopalastrum arcticum</i> Haeckel, 1887: 529	Living
S		1	1	S			<i>Rhopalastrum bandaicum</i> Harting, 1863: 16	Pleistocene-Holocene?
S	nn	1	0	S			<i>Rhopalastrum biprocessum</i> Zaynutdinov, 1978	Eocene
S	nd	0	1	Sø			<i>Rhopalastrum clavatum</i> Haeckel, 1887: 528	Living
S	nn	1	0	S			<i>Rhopalastrum cruciatiprocessum</i> Zaynutdinov, 1978	Eocene
S		0	1	Su			<i>Rhopalastrum furcatum</i> Ehrenberg, 1873a: 319	Holocene
S		1	0	Sf	syn		<i>Rhopalastrum furcatum</i> Suzuki et al., 2009a	Holocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Rhopalastrum hexaceros</i> Haeckel, 1887: 529	Living
S	nd	1	1	S			<i>Rhopalastrum irregulare</i> Haeckel, 1887: 528	Living
S	nn	1	0	S			<i>Rhopalastrum lateroprocessum</i> Zaynutdinov, 1978	Eocene
S		1	1	S			<i>Rhopalastrum malleus</i> Haeckel, 1887: 527	Living
S	nd	0	1	Sø			<i>Rhopalastrum martellum</i> Haeckel, 1887: 528	Living
S		1	1	S			<i>Rhopalastrum oracutibrachium</i> Caulet, 1986a: 849	I. Late Miocene-Early Pliocene
S		1	1	S			<i>Rhopalastrum pistillum</i> Stöhr, 1880: 110	[e. Late Miocene]
S	nn	0	0	Sø			<i>Rhopalastrum triangulum</i> Ehrenberg, 1861a: 769	Holocene
S		1	1	S		Ts	<i>Rhopalastrum tricerus</i> Haeckel, 1887: 529	Living
S		1	1	S			<i>Rhopalastrum tritelum</i> O'Connor, 1997a: 68	Late Oligocene
S		0	1	Su			<i>Rhopalastrum truncatum</i> Haeckel, 1861b: 842	Living
S		1	0	Sf	syn		<i>Rhopalastrum truncatum</i> Haeckel, 1862: 500	Living
S		1	1	S			<i>Rhopalastrum ypsilinum</i> Haeckel, 1887: 528	Living
N		1	1	S		Ts	<i>Rhopalatractus fenestratus</i> Haeckel, 1887: 1361	[Quaternary]
N		1	1	S			<i>Rhopalatractus foveolatus</i> Haeckel, 1887: 1361	[Quaternary]
N	nd	0	1	Sø			<i>Rhopalatractus fusiformis</i> Haeckel, 1887: 1361	[Quaternary]
N		1	1	S		Ts	<i>Rhopalatractus pentacanthus</i> Haeckel, 1887: 1361	[Early Miocene]
N	nd	0	1	Sø			<i>Rhopalocanium cortinium</i> Haeckel, 1887: 1359	[Quaternary]
N		1	1	S			<i>Rhopalocanium curtum</i> Mamedov, 1973: 65	I. Middle Eocene
N		1	1	S			<i>Rhopalocanium delphicum</i> Haeckel, 1887: 1360	[Early Miocene]
N		1	1	S			<i>Rhopalocanium lasanum</i> Haeckel, 1887: 1359	[Quaternary]
N		1	1	S		T	<i>Rhopalocanium ornatum</i> Ehrenberg, 1847: 55	I. Middle Eocene
N		1	1	S			<i>Rhopalocanium pythia</i> Haeckel, 1887: 1360	Late Eocene
S		1	1	S			<i>Rhopalodictyum (Rhopalodictya) californicum</i> Clark & Campbell, 1942: 49	e. Middle Eocene
S		1	1	S			<i>Rhopalodictyum (Rhopalodictya) irvinense</i> Campbell & Clark, 1944: 29	e. Late Miocene
S		1	1	S			<i>Rhopalodictyum (Rhopalodictya) malagaense</i> Campbell & Clark, 1944: 29	e. Late Miocene
S	nd	1	1	S			<i>Rhopalodictyum (Triactinosphaera) tonamiense</i> Nakaseko, 1955: 98	I. Early Miocene
S	nn	0	0	Sp	pre		<i>Rhopalodictyum abyssorum</i> Ehrenberg, 1861a: 769	
S		0	1	Su			<i>Rhopalodictyum abyssorum</i> Ehrenberg, 1873a: 319	Holocene
S		1	0	Sf	syn	Ts	<i>Rhopalodictyum abyssorum</i> Ehrenberg, 1873b: 298-299	Holocene
S	nd	0	1	Sø			<i>Rhopalodictyum bifidum</i> Haeckel, 1887: 590	Living
S		1	1	S			<i>Rhopalodictyum calvertense</i> Martin, 1904: 455	I. Early Miocene
S	nd	0	1	Sø			<i>Rhopalodictyum curvatum</i> Haeckel, 1887: 591	Living
S	nd	0	1	Sø			<i>Rhopalodictyum elongatum</i> Haeckel, 1887: 591	Living
S		1	1	S			<i>Rhopalodictyum marylandicum</i> Martin, 1904: 455	I. Early Miocene
S	nn	0	0	Sp	pre		<i>Rhopalodictyum subacutum</i> Ehrenberg, 1862a: table	
S	nd	0	1	Sø			<i>Rhopalodictyum subacutum</i> Ehrenberg, 1862b: 301	Holocene
S	nn	0	0	Sp	pre		<i>Rhopalodictyum truncatum</i> Ehrenberg, 1862a: table	
S		0	1	Su			<i>Rhopalodictyum truncatum</i> Ehrenberg, 1862b: 301	Holocene
S		1	0	Sf	syn		<i>Rhopalodictyum truncatum</i> Suzuki <i>et al.</i> , 2009a	Holocene
N		1	1	S		Ts	<i>Saccospyris antarctica</i> Haecker, 1907: 124	Living
N		1	1	S			<i>Saccospyris antarctica quadripartita</i> Haecker, 1908: 447	Living
N		1	1	S			<i>Saccospyris antarctica quinquepartita</i> Haecker, 1908: 447	Living
N		1	1	S			<i>Saccospyris conithorax</i> Petrushevskaya, 1965: 98	Living
N	nn	0	0	Sp	pre		<i>Saccospyris praeantarctica</i> Petrushevskaya, 1972a	
N		1	1	S			<i>Saccospyris preantarctica</i> Petrushevskaya, 1975: 589	Miocene
N		1	1	S			<i>Saccospyris robustus</i> Kruglikova, 1974: 194	Holocene-Living
N		1	1	S			<i>Saccospyris victoria</i> Renaudie & Lazarus, 2013: 81	I. Middle Miocene-e. Late Miocene
S		1	1	S			<i>Sanfiredelus octogonus</i> Dumitrica, 2020: 19	Late Paleocene-Early Eocene
S		1	1	S			<i>Sanfiredelus solidiscus</i> Dumitrica, 2020: 18	Late Paleocene-I. Middle Eocene
E		1	1	S			<i>Saturnalis annularis</i> Haeckel, 1887: 132	Living
E		1	1	S			<i>Saturnalis circoides</i> Haeckel, 1887: 132	
E	nd	0	1	Sø		Td	<i>Saturnalis circularis</i> Haeckel, 1887: 131	[Quaternary]
E		1	1	S			<i>Saturnalis cyclus</i> Haeckel, 1887: 132	[Late Eocene]
E		1	1	S			<i>Saturnalis kennetti</i> Dumitrica, 1985: 189	Early Paleocene
E		1	1	S			<i>Saturnalis nishimurae</i> Dumitrica & Hungerbühler, 2017: 122	Early Paleocene
E		1	1	S		Ts	<i>Saturnalis rotula</i> Haeckel, 1887: 133	Living
E		1	1	S			<i>Saturnalis trochoides</i> Haeckel, 1887: 132	Late Eocene
E	nd	0	1	Sø		Td	<i>Saturninus triplex</i> Haeckel, 1887: 146	Living
S	nd	0	1	Sø			<i>Saturnulus annulus</i> Haeckel, 1887: 141	Living
E		1	1	S			<i>Saturnulus aureolatus</i> Haecker, 1907: 121	Living
S	nd	0	1	Sø			<i>Saturnulus circulus</i> Haeckel, 1887: 141	Living
E		1	1	S			<i>Saturnulus ellipticus</i> Haeckel, 1887: 141	Living
E		1	1	S		T	<i>Saturnulus planeta</i> Haeckel, 1879: 705	Living
E		1	1	S			<i>Saturnulus planetes</i> Haeckel, 1887: 142	Living
S		1	1	S			<i>Schizodiscus codrant</i> Petrushevskaya, 1975: 574	Early Miocene
S		1	1	S		T	<i>Schizodiscus disymmetricus</i> Dogiel in Dogiel & Reshetnyak, 1952: 9	Living
S		1	1	S			<i>Schizodiscus japonicus</i> Matsuzaki & Suzuki in Matsuzaki <i>et al.</i> , 2014: 209	Middle Pleistocene
S		1	1	S			<i>Schizodiscus spatangus</i> Dogiel in Dogiel & Reshetnyak, 1952: 10	Living
S		1	1	S			<i>Schizodiscus stylotrochoides</i> Dogiel in Dogiel & Reshetnyak, 1952: 11	Living



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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nn	0	0	Sp	pre		<i>Schizomma quadrilobum</i> Ehrenberg, 1861a: 769	
S		0	1	Su			<i>Schizomma quadrilobum</i> Ehrenberg, 1862b: 301	Holocene
S		1	0	Sf	syn	Ts	<i>Schizomma quadrilobum</i> Ehrenberg, 1873b: 149, 159, 298-299	Holocene
N	nd	1	1	S		Td	<i>Semantidium hexastoma</i> Haeckel, 1887: 960	[Quaternary]
N	nd	0	1	Sø			<i>Semantidium sexangulum</i> Haeckel, 1887: 960	[Quaternary]
N	nd	1	1	S			<i>Semantidium signatorium</i> Haeckel, 1887: 961	[Quaternary]
N		1	1	S		T	<i>Semantis biforis</i> Haeckel, 1887: 956	[Quaternary]
N	nd	1	1	S			<i>Semantis crescenda</i> Popofsky, 1913: 297	Living
N	nd	0	1	Sø			<i>Semantis dipyla</i> Haeckel, 1887: 957	[Quaternary]
N		1	1	S			<i>Semantis distephanus</i> Haeckel, 1887: 957	Living
N	nd	0	1	Sø			<i>Semantis distoma</i> Haeckel, 1887: 957	[Quaternary]
N	nd	1	1	S			<i>Semantis gracilis triacantha</i> Popofsky, 1913: 298	Living
N		1	1	S			<i>Semantis micropora</i> Popofsky, 1908: 268	Living
N	nd	1	1	S			<i>Semantis sigillum</i> Haeckel, 1887: 957	Quaternary
N	nd	1	1	S			<i>Semantis triangularis</i> Clark & Campbell, 1945: 29	e. Middle Eocene
N	nd	1	1	S			<i>Semantis triforis</i> Popofsky, 1908: 267	Living
N		1	1	S			<i>Semantiscus gracilis</i> Popofsky, 1908: 268	Living
N	nd	1	1	S			<i>Semantiscus hexapodius</i> Haeckel, 1887: 966	[Quaternary]
N	nd	1	1	S		Td	<i>Semantiscus hexapylus</i> Haeckel, 1887: 967	[Quaternary]
N	nd	1	1	S			<i>Semantiscus hexaspyris</i> Haeckel, 1887: 966	[Quaternary]
N	nd	0	1	Sø			<i>Semantrum buetschlii</i> Haeckel, 1887: 959	[Eocene]
N		1	1	S		Ts	<i>Semantrum quadrifore</i> Haeckel, 1887: 958	Living
N	nd	1	1	S			<i>Semantrum signarium</i> Haeckel, 1887: 960	[Quaternary]
N	nd	0	1	Sø			<i>Semantrum sphragisma</i> Haeckel, 1887: 959	[Quaternary]
N	nd	0	1	Sø			<i>Semantrum tetrapylum</i> Haeckel, 1887: 959	[Quaternary]
N	nd	1	1	S			<i>Semantrum tetrastoma</i> Haeckel, 1887: 959	[Quaternary]
N		1	1	S		Ts	<i>Sepalospyrus platyphylla</i> Haeckel, 1887: 1081	[Quaternary]
N	nd	0	1	Sø			<i>Sepalospyrus polyphylla</i> Haeckel, 1887: 1081	[Early Miocene]
N		1	1	S		T	<i>Sertiseria batlax</i> Sugiyama, 1994: 3	i. Early Miocene
N		1	1	S			<i>Sethamphora costata</i> Haeckel, 1887: 1251	[Quaternary]
N	nd	0	1	Sø			<i>Sethamphora dodecapleura</i> Haeckel, 1887: 1250	[Quaternary]
N	nd	0	1	Sø			<i>Sethamphora enneapleura</i> Haeckel, 1887: 1250	[Quaternary]
N		1	1	S		Ts	<i>Sethamphora favosa</i> Haeckel, 1887: 1252	[Quaternary]
N	nd	0	1	Sø		Td	<i>Sethamphora hexapleura</i> Haeckel, 1887: 1250	[Quaternary]
N		1	1	S			<i>Sethamphora microstoma</i> Haeckel, 1887: 1252	[Quaternary]
N	nd	0	1	Sø			<i>Sethamphora serrata</i> Haeckel, 1887: 1251	[Quaternary]
N	nd	0	1	Sø			<i>Sethocapsa ampulla</i> Haeckel, 1887: 1311	[Quaternary]
N	nd	0	1	Sø			<i>Sethocapsa bulla</i> Haeckel, 1887: 1311	[Early Miocene]
N	nd	0	1	Sø			<i>Sethocapsa macroceros</i> Haeckel, 1887: 1310	[Quaternary]
N		1	1	S			<i>Sethocapsa pyriformis</i> Haeckel, 1887: 1310	[Quaternary]
N	nd	0	1	Sø			<i>Sethocapsa staurocephala</i> Haeckel, 1887: 1311	Late Eocene
N	nd	1	1	S			<i>Sethocephalus eucecryphalus</i> Haeckel, 1887: 1298	Living
N	nd	1	1	S			<i>Sethocephalus galeatus</i> Popofsky, 1908: 287	Living
N	nd	0	1	Sø			<i>Sethocephalus platycryphalus</i> Haeckel, 1887: 1298	Living
N		1	1	S			<i>Sethochytris cavipodis</i> O'Connor, 1999: 28	Late Eocene
N	nd	0	1	Sø			<i>Sethochytris pyramis</i> Haeckel, 1887: 1240	[Quaternary]
N		1	1	S			<i>Sethochytris serrata</i> Vinassa de Regny, 1900: 582	i. Early Miocene
N		1	1	S			<i>Sethochytris triangula</i> Haeckel, 1887: 1240	[Eocene]
N		1	1	S		Ts	<i>Sethochytris triconiscus</i> Haeckel, 1887: 1239	[Early Miocene]
N		1	1	S			<i>Sethoconus (Cornutellium) woodfordi</i> Campbell & Clark, 1944: 43	e. Late Miocene
N		1	1	S			<i>Sethoconus (Cornutellium) woodfordi advena</i> Campbell & Clark, 1944: 44	e. Late Miocene
N		1	1	S			<i>Sethoconus (Phlebarachnium) martini</i> Campbell & Clark, 1944: 44	e. Late Miocene
N		1	1	S			<i>Sethoconus anthocyrtis</i> Haeckel, 1887: 1296	Living
N		1	1	S			<i>Sethoconus bimarginatus</i> Haeckel, 1887: 1295	[Quaternary]
N	nn	1	0	S			<i>Sethoconus capreolus</i> Haeckel, 1887	Living
N	nd	1	1	S			<i>Sethoconus conicus</i> Popofsky, 1908: 287	Living
N	nd	1	1	S			<i>Sethoconus crinitus</i> Cleve, 1900b: 11	Living
N		1	1	S		T	<i>Sethoconus? dogieli</i> Petrushevskaya, 1967: 95	Living
N		1	1	S		T	<i>Sethoconus facetus</i> Haeckel, 1887: 1296	Living
N		1	1	S			<i>Sethoconus galea</i> Cleve, 1899: 17, 33, 51	Living
N	nd	1	1	S			<i>Sethoconus hyalinus</i> Popofsky, 1913: 372	Living
N	nd	0	1	Sø			<i>Sethoconus lophophaena</i> Haeckel, 1887: 1292	[Quaternary]
N		1	1	S			<i>Sethoconus myxobrachia</i> Strelkov & Reshetnyak, 1959: 355	Living
N		1	1	S			<i>Sethoconus orthoceras</i> Haeckel, 1887: 1294	Living
N		1	1	S			<i>Sethoconus? parvus</i> Gorbunov, 1977: 90	Eocene
N	nd	0	1	Sø			<i>Sethoconus pileus</i> Haeckel, 1887: 1291	Living
N		1	1	S			<i>Sethoconus rayianus</i> Haeckel, 1887: 1291	Living
N		1	1	S			<i>Sethoconus? reschetnjakae</i> Petrushevskaya, 1967: 94	Living
N	nd	0	1	Sø			<i>Sethoconus setosus</i> Haeckel, 1887: 1296	Living
N		1	1	S			<i>Sethoconus subtilis</i> Carnevale, 1908: 31	e. Middle Miocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Sethoconus venosus</i> Haeckel, 1887: 1297	Living
N	nd	0	1	Sø			<i>Sethoconus virgultus</i> Haeckel, 1887: 1296	Living
N		1	1	S		Ts	<i>Sethocorys achillis</i> Haeckel, 1887: 1301	[Quaternary]
N	nd	0	1	Sø			<i>Sethocorys ajacis</i> Haeckel, 1887: 1302	[Quaternary]
N		1	1	S			<i>Sethocorys bussoni</i> Carnevale, 1908: 31, 46	e. Middle Miocene
N		1	1	S			<i>Sethocorys cristata</i> Carnevale, 1908: 31, 46	e. Middle Miocene
N		1	1	S			<i>Sethocorys cristata</i> var. $\alpha$ Carnevale, 1908: 32, 46	e. Middle Miocene
N		1	1	S			<i>Sethocorys odysseus</i> Haeckel, 1887: 1302	[Quaternary]
N	nd	1	1	S			<i>Sethocorys parva</i> Principi, 1909: 15	Middle Miocene?
N	nd	0	1	Sø			<i>Sethocorys patrocli</i> Haeckel, 1887: 1301	[Quaternary]
N		1	1	S			<i>Sethocorys porrectus</i> Zagorodnyuk, 1978: 63	Eocene
N	nd	1	1	S			<i>Sethocyrtis agamemnonis</i> Haeckel, 1887: 1300	[Quaternary]
N		1	1	S			<i>Sethocyrtis austellus</i> Sanfilippo & Blome, 2001: 206	Middle Eocene
N	nd	1	1	S			<i>Sethocyrtis baciformis</i> Borisenko, 1959: 40	Late Eocene
N	nd	1	1	S			<i>Sethocyrtis bicamerate</i> Borisenko, 1958: 99	Paleocene
N		1	1	S			<i>Sethocyrtis capitatus</i> Zagorodnyuk, 1978: 58	Eocene
N		1	1	S			<i>Sethocyrtis capitatus juvenus</i> Zagorodnyuk, 1978: 60	Eocene
N		1	1	S			<i>Sethocyrtis chrysalis</i> Sanfilippo & Blome, 2001: 206	Late Eocene
N	nd	1	1	S			<i>Sethocyrtis coletti</i> Principi, 1909: 16	Middle Miocene
N	nd	1	1	S			<i>Sethocyrtis crassus</i> Moksyakova, 1961: 240	Late Eocene
N	nd	0	1	Sø			<i>Sethocyrtis diomedis</i> Haeckel, 1887: 1299	[Quaternary]
N		1	1	S			<i>Sethocyrtis elegans</i> Lipman, 1950: 62	Late Eocene
N	nd	1	1	S			<i>Sethocyrtis expositus</i> Moksyakova, 1961: 242	Late Eocene
S	nd	1	1	S			<i>Sethocyrtis gibbus</i> Moksyakova, 1961: 151	Late Eocene
N	nd	1	1	S			<i>Sethocyrtis japonica</i> Nakaseko, 1963: 176	I. Middle Miocene
N	nd	1	1	S			<i>Sethocyrtis laguncularis</i> Moksyakova, 1961: 240	Late Eocene
N		1	1	S			<i>Sethocyrtis longicornis</i> Vinassa de Regny, 1900: 582	I. Early Miocene
N	nd	0	1	Sø			<i>Sethocyrtis menelai</i> Haeckel, 1887: 1299	[Eocene]
N	nd	1	1	S			<i>Sethocyrtis mica</i> Borisenko, 1958: 98	Paleocene
N	nd	1	1	S			<i>Sethocyrtis minimus</i> Lipman, 1950: 61	Late Eocene
N	nd	1	1	S			<i>Sethocyrtis mitrus</i> Borisenko, 1960a: 206	Late Paleocene
N	nd	1	1	S			<i>Sethocyrtis multiplicatus</i> Lipman in Lipman <i>et al.</i> , 1960: 93	Late Eocene
N		1	1	S			<i>Sethocyrtis ovalis</i> Kim, 1992: 40	Early Eocene-e. Middle Eocene
N		1	1	S		Ts	<i>Sethocyrtis oxycephalis</i> Haeckel, 1887: 1299	[Quaternary]
N	nd	1	1	S			<i>Sethocyrtis parva</i> Principi, 1909: 15	Middle Miocene
N	nd	1	1	S			<i>Sethocyrtis parvissimus</i> Moksyakova, 1961: 241	Late Eocene
N	nd	1	1	S			<i>Sethocyrtis pirum</i> Moksyakova, 1965: 251	Late Eocene
N		1	1	S			<i>Sethocyrtis principii</i> Clark & Campbell, 1942: 75	e. Middle Eocene
N		1	1	S			<i>Sethocyrtis principii longispina</i> Clark & Campbell, 1942: 76	e. Middle Eocene
N		1	1	S			<i>Sethocyrtis principii principii</i> Clark & Campbell, 1942: 75	e. Middle Eocene
N		1	1	S			<i>Sethocyrtis principii valgrandensis</i> Clark & Campbell, 1945: 41	e. Middle Eocene
N	nd	1	1	S			<i>Sethocyrtis pyrum</i> Cleve, 1900b: 11	Living
N		1	1	S			<i>Sethocyrtis rara</i> Lipman, 1949: 118	Early Eocene
N		1	1	S			<i>Sethocyrtis sinitzini</i> Lipman, 1949: 118	e. Middle Eocene
N	nd	1	1	S			<i>Sethocyrtis sinus</i> Moksyakova, 1961: 242	Late Eocene
N		1	1	S			<i>Sethocyrtis tamdiensis</i> Lipman, 1950: 63	Late Eocene
N	nd	1	1	S			<i>Sethocyrtis vialovi</i> Lipman, 1949: 119	e. Middle Eocene
S	nd	0	1	Sø			<i>Sethodiscus cristatus</i> Haeckel, 1887: 424	[Quaternary]
S		1	1	S		Ts	<i>Sethodiscus lenticula</i> Haeckel, 1887: 423	[Quaternary]
S		1	1	S			<i>Sethodiscus lenticularis</i> Lipman, 1975: 55	e. Middle Eocene
S		1	1	S			<i>Sethodiscus macrococcus</i> Haeckel, 1887: 423	[Quaternary]
S	nd	0	1	Sø			<i>Sethodiscus macroporus</i> Haeckel, 1887: 422	Living
S	nd	0	1	Sø			<i>Sethodiscus micrococcus</i> Haeckel, 1887: 423	[Quaternary]
S	nd	0	1	Sø			<i>Sethodiscus microporus</i> Haeckel, 1887: 422	Living
S	nd	0	1	Sø			<i>Sethodiscus phacoides</i> Haeckel, 1887: 422	Living
S		1	1	S			<i>Sethodiscus? pravus</i> Renaudie & Lazarus, 2013: 65	Late Oligocene-Early Miocene
S		1	1	S			<i>Sethodiscus rossicus</i> Lipman, 1972: 49	e. Middle Eocene
S	nd	1	1	S			<i>Sethodiscus vialovi</i> Lipman, 1984: 29	Early Eocene
N	nd	0	1	Sø		Td	<i>Sethomelissa hymenoptera</i> Haeckel, 1887: 1238	[Quaternary]
N		1	1	S		Ts	<i>Sethopera tricostata</i> Haeckel, 1887: 1232	[Quaternary]
N	nd	0	1	Sø			<i>Sethophaena enneaptera</i> Haeckel, 1887: 1286	[Quaternary]
N	nd	1	1	S			<i>Sethophaena hexaptera</i> Haeckel, 1887: 1286	[Early Miocene]
N	nd	0	1	Sø			<i>Sethophaena polyptera</i> Haeckel, 1887: 1286	[Quaternary]
N	nd	0	1	Sø		Td Ti	<i>Sethophaena tetraptera</i> Haeckel, 1887: 1285	[Quaternary]
N	nd	0	1	Sø			<i>Sethophormis arachnium</i> Haeckel, 1887: 1247	[Quaternary]
N	nd	0	1	Sø			<i>Sethophormis asteriscus</i> Haeckel, 1887: 1244	[Quaternary]
N	nd	0	1	Sø			<i>Sethophormis astrodiscus</i> Haeckel, 1887: 1244	[Quaternary]
N		1	1	S		Ts	<i>Sethophormis aurelia</i> Haeckel, 1887: 1248	[Quaternary]
N	nd	0	1	Sø		Td	<i>Sethophormis cruciata</i> Haeckel, 1887: 1243	Living
N		1	1	S			<i>Sethophormis dodecaster</i> Haeckel, 1887: 1248	[Quaternary]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	0	1	Sø			<i>Sethophormis enneactis</i> Haeckel, 1887: 1247	[Quaternary]
N	nd	0	1	Sø			<i>Sethophormis enneastrum</i> Haeckel, 1887: 1246	[Quaternary]
N		1	1	S		Ti	<i>Craspedilium eupilium</i> Haeckel, 1887: 1247	Living
N		1	1	S			<i>Sethophormis eupilium</i> Haeckel, 1887: 1247	Living
N	nd	0	1	Sø			<i>Sethophormis floscula</i> Haeckel, 1887: 1249	Living
N	nd	0	1	Sø			<i>Sethophormis hexagonalis</i> Haeckel, 1887: 1245	Living
N		1	1	S		Ti	<i>Heptaphormis heptalactis</i> Haeckel, 1887: 1245	[Quaternary]
N		1	1	S		Ts	<i>Sethophormis hexalactis</i> Haeckel, 1887: 1245	[Quaternary]
N	nd	0	1	Sø			<i>Sethophormis leptopilium</i> Haeckel, 1887: 1249	[Quaternary]
N	nd	0	1	Sø			<i>Sethophormis leptoscenium</i> Haeckel, 1887: 1249	Living
N	nd	0	1	Sø			<i>Sethophormis medusa</i> Haeckel, 1887: 1244	Living
N	nd	0	1	Sø		Td	<i>Sethophormis octalactis</i> Haeckel, 1887: 1245	Living
N		1	1	S		Ts	<i>Sethophormis pentalactis</i> Haeckel, 1887: 1244	[Quaternary]
N		1	1	S		T	<i>Sethophormis rotula</i> Haeckel, 1887: 1246	[Quaternary]
N	nd	0	1	Sø			<i>Sethophormis triloba</i> Haeckel, 1887: 1246	[Quaternary]
N		1	1	S			<i>Sethophormis umbrella</i> Haeckel, 1887: 1248	Living
N	nd	0	1	Sø			<i>Sethopilium cyrtopus</i> Haeckel, 1887: 1202	[Early Miocene]
N	nd	1	1	S			<i>Sethopilium heterope</i> Clark & Campbell, 1942: 69	e. Middle Eocene
N		1	1	S			<i>Sethopilium macropus</i> Haeckel, 1887: 1203	[Quaternary]
N	nd	1	1	S			<i>Sethopilium meunieri</i> Schröder, 1914: 100	Living
N	nd	1	1	S		Td	<i>Sethopilium orthopus</i> Haeckel, 1887: 1202	[Quaternary]
N		1	1	S			<i>Sethopyramis (Cephalopyramis) akanthodes</i> Clark & Campbell, 1945: 40	e. Middle Eocene
N		1	1	S			<i>Sethopyramis (Cephalopyramis) akanthodes akanthodes</i> Clark & Campbell, 1945: 40	e. Middle Eocene
N		1	1	S			<i>Sethopyramis (Cephalopyramis) akanthodes leptopleura</i> Clark & Campbell, 1945: 40	e. Middle Eocene
N		1	1	S			<i>Sethopyramis (Cephalopyramis) aneotos</i> Clark & Campbell, 1945: 39	e. Middle Eocene
N		1	1	S			<i>Sethopyramis (Cephalopyramis) magnifica</i> Clark & Campbell, 1942: 72	e. Middle Eocene
N		1	1	S			<i>Sethopyramis (Sestropyramis) pulcherrima</i> Clark & Campbell, 1945: 39	e. Middle Eocene
N	nd	0	1	Sø			<i>Sethopyramis bicornis</i> Haeckel, 1887: 1256	[Quaternary]
N	nd	0	1	Sø			<i>Sethopyramis cyclomma</i> Haeckel, 1887: 1255	[Quaternary]
N	nd	0	1	Sø		Td	<i>Sethopyramis dodecalactis</i> Haeckel, 1887: 1256	Living
N		1	1	S		Ts	<i>Sethopyramis enneactis</i> Haeckel, 1887: 1254	[Quaternary]
N		1	1	S			<i>Sethopyramis fenestrata</i> Haecker, 1907: 125	Living
N	nd	0	1	Sø			<i>Sethopyramis hexagonalis</i> Haeckel, 1887: 1255	[Quaternary]
N	nd	0	1	Sø			<i>Sethopyramis hexalactis</i> Haeckel, 1887: 1253	Miocene
N		1	1	S			<i>Sethopyramis lucerna</i> Krasheninnikov, 1960: 298	Early Eocene
N	nd	0	1	Sø			<i>Sethopyramis maxima</i> Haeckel, 1887: 1256	[Quaternary]
N		1	1	S		Ts	<i>Sethopyramis quadrata</i> Haeckel, 1887: 1254	[Quaternary]
N		1	1	S			<i>Sethopyramis scalariformis</i> Lipman, 1953: 152	Late Eocene
N	nd	1	1	S			<i>Sethopyramis septimoangularis</i> Mamedov, 1970: 68	Late Eocene
N	nd	0	1	Sø			<i>Sethopyramis spinosa</i> Haeckel, 1887: 1255	[Quaternary]
N	nd	0	1	Sø			<i>Sethopyramis trapezoides</i> Haeckel, 1887: 1254	[Quaternary]
N		1	1	S			<i>Sethopyramis victori</i> Lipman in Lipman <i>et al.</i> , 1960: 92	Late Eocene
N	nd	1	1	S		Td Ti	<i>Sethornithium dictyopterum</i> Haeckel, 1887: 1356	[Quaternary]
S	nd	0	1	Sø		Td	<i>Sethosphaera entosiphonia</i> Haeckel, 1887: 71	[Quaternary]
S	nd	0	1	Sø			<i>Sethosphaera entosolenia</i> Haeckel, 1887: 71	[Early Miocene]
S	nd	1	1	S			<i>Sethostaurus conostaurus</i> Haeckel, 1887: 433	Living
S	nd	0	1	Sø			<i>Sethostaurus coronatus</i> Haeckel, 1887: 434	[Early Miocene]
S		1	1	S		Ts	<i>Sethostaurus cruciatus</i> Haeckel, 1887: 434	[Quaternary]
S	nd	0	1	Sø			<i>Sethostaurus gigas</i> Haeckel, 1887: 435	[Quaternary]
S		1	1	S		Ts	<i>Sethostaurus orthostaurus</i> Haeckel, 1887: 433	[Quaternary]
S	nd	1	1	S			<i>Sethostaurus parvulus</i> Popofsky, 1912: 127	Living
S	nd	1	1	S			<i>Sethostaurus recurvatus</i> Haeckel, 1887: 434	[Quaternary]
S	nd	1	1	S			<i>Sethostaurus rhombostaurus</i> Haeckel, 1887: 434	[Quaternary]
S	nd	1	1	S			<i>Sethostylus (Heliosstylus) logchophorus</i> Clark & Campbell, 1945: 21	e. Middle Eocene
S		1	1	S			<i>Sethostylus acutus</i> Lipman, 1975: 56	e. Middle Eocene
S		1	1	S		T	<i>Sethostylus dentatus</i> Haeckel, 1887: 429	[Quaternary]
S		1	1	S			<i>Sethostylus dicylindrus</i> Haeckel, 1887: 428	Late Oligocene
S		1	1	S		T	<i>Sethostylus distyliscus</i> Haeckel, 1887: 428	[Quaternary]
S	nd	0	1	Sø			<i>Sethostylus hastatus</i> Haeckel, 1887: 429	Living
S		1	1	S			<i>Sethostylus serratus</i> Haeckel, 1887: 429	[Quaternary]
S	nd	0	1	Sø			<i>Sethostylus spicatus</i> Haeckel, 1887: 430	[Quaternary]
N		1	1	S			<i>Siphocampe (Siphocampula) malagaensis</i> Campbell & Clark, 1944: 57	e. Late Miocene
N		1	1	S			<i>Siphocampe (Siphocampula) reedi</i> Campbell & Clark, 1944: 58	e. Late Miocene
N		1	1	S			<i>Siphocampe (Siphocampula) reedi inflata</i> Campbell & Clark, 1944: 58	e. Late Miocene
N		1	1	S		T	<i>Siphocampe annulosa</i> Haeckel, 1887: 1500	[Quaternary]
N		1	1	S			<i>Siphocampe caminosa</i> Haeckel, 1887: 1500	[Quaternary]
N		1	1	S			<i>Siphocampe cylindrica</i> Vitukhin, 1993: 84	Late Eocene
N		1	1	S			<i>Siphocampe erucosa</i> Haeckel, 1887: 1500	[Quaternary]
N		1	1	S			<i>Siphocampe ewingensis</i> Kochhann in Kochhann <i>et al.</i> , 2013: 541	Early Oligocene
N		1	1	S			<i>Siphocampe grantmackiei</i> O'Connor, 1997b: 106	e. Early Miocene



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Siphocampe kyliandrica</i> Vitukhin, 1993: 84	Late Eocene
N		1	1	S			<i>Siphocampe missilis</i> O'Connor, 1994: 340	Late Eocene-Early Oligocene
N	nd	1	1	S			<i>Siphocampe? pusilla</i> Kozlova, 1999: 141	Late Paleocene-Early Eocene
N	nd	0	1	Sø			<i>Siphocampe quadrantal</i> Haeckel, 1887: 1501	[Quaternary]
N		1	1	S			<i>Siphocampe spiralis</i> Haeckel, 1887: 1501	[Quaternary]
N		1	1	S		Ts	<i>Siphocampe tubulosa</i> Haeckel, 1887: 1500	[Quaternary]
C		1	1	S			<i>Siphonosphaera abelmannae</i> Renaudie & Lazarus, 2012: 42	I. Early Miocene
C		1	1	S			<i>Siphonosphaera arkis</i> Su, 1982: 281	Living
C		1	1	S			<i>Siphonosphaera brachysiphonia</i> Dumitrica, 1978: 235	e. Middle Miocene
C		1	1	S			<i>Siphonosphaera chonophora</i> Haeckel, 1887: 107	Living
C	nd	0	1	Sø			<i>Siphonosphaera compacta</i> var. <i>α</i> Hilmers, 1906: 89	Living
C		1	1	S			<i>Siphonosphaera conifera</i> Haeckel, 1887: 106	Living
C		1	1	S			<i>Siphonosphaera crystalloides</i> Hilmers, 1906: 83	Living
C		1	1	S			<i>Siphonosphaera cyathina</i> Haeckel, 1887: 105	Living
C		1	1	S			<i>Siphonosphaera donghaiense</i> Chen, 1987: 223	Holocene
C	nd	0	1	Sø			<i>Siphonosphaera fragilis</i> Haeckel, 1887: 106	Living
C		1	1	S			<i>Siphonosphaera hyalina</i> Caulet, 1986a: 849	Pliocene
C	nd	0	1	Sø			<i>Siphonosphaera infundibulum</i> Haeckel, 1887: 105	[Quaternary]
C		1	1	S			<i>Siphonosphaera macropora</i> Strelkov & Reshetnyak, 1971: 357	Living
C	nd	0	1	Sø			<i>Siphonosphaera macrosiphonia</i> Haeckel, 1887: 107	Living
C		1	1	S			<i>Siphonosphaera magnisphaera</i> Takahashi, 1991: 59	Living
C	nd	0	1	Sø			<i>Siphonosphaera marginata</i> Haeckel, 1887: 104	[Early Miocene]
C		1	1	S			<i>Siphonosphaera martensi</i> Brandt, 1905b: 339	Living
C		1	1	S			<i>Siphonosphaera membranella</i> Reshetnyak & Runeva, 1978: 99	Late Miocene
C		1	1	S			<i>Siphonosphaera minima</i> Carnevale, 1908: 10	e. Middle Miocene
C		1	1	S			<i>Siphonosphaera minima laevigata</i> Principi, 1909: 21	Middle Miocene
C		1	1	S			<i>Siphonosphaera monotubulosa</i> Hilmers, 1906: 82	Living
C	nd	0	1	Sø			<i>Siphonosphaera pansiphonia</i> Haeckel, 1887: 104	Living
C		1	1	S			<i>Siphonosphaera paradoxa</i> Hilmers, 1906: 79	Living
C		1	1	S			<i>Siphonosphaera? paraphoros</i> Matsuzaki & Suzuki in Matsuzaki <i>et al.</i> , 2014: 206	Middle Pleistocene
C		1	1	S			<i>Siphonosphaera patinaria</i> Haeckel, 1887: 105	[Quaternary]
C		1	1	S			<i>Siphonosphaera pericyclis</i> Chen, 1987: 222	Holocene
C		1	1	S			<i>Siphonosphaera pipetta</i> Haeckel, 1887: 108	Living
C		1	1	S			<i>Siphonosphaera polymorpha forma HIP</i> Menshutkin & Petrushevskaya, 1989: 98	Middle Miocene
C		1	1	S			<i>Siphonosphaera polymorpha forma LAG</i> Menshutkin & Petrushevskaya, 1989: 98	Pliocene
C		1	1	S			<i>Siphonosphaera polypora</i> Chen, 1987: 222	Holocene
C	nd	0	1	Sø			<i>Siphonosphaera polysiphonia</i> Haeckel, 1887: 106	Living
C		1	1	S			<i>Siphonosphaera preveriana</i> Carnevale, 1908: 10	e. Middle Miocene
C		1	1	S			<i>Siphonosphaera rariporata</i> Carnevale, 1908: 10	e. Middle Miocene
C		1	1	S			<i>Siphonosphaera schotti</i> Hilmers, 1906: 84	Living
C	nd	0	1	Sø			<i>Siphonosphaera schotti</i> var. <i>α</i> Hilmers, 1906: 85	Living
C		1	1	S			<i>Siphonosphaera serpula</i> Haeckel, 1887: 107	[Quaternary]
C		1	1	S		Ts	<i>Siphonosphaera socialis</i> Haeckel, 1887: 106	Living
C		1	1	S			<i>Siphonosphaera socialis mazosphaeroides</i> Strelkov & Reshetnyak, 1971: 355	Living
C		1	1	S			<i>Siphonosphaera socialis tubuliloba</i> Strelkov & Reshetnyak, 1971: 354	Living
C	nd	0	1	Sø			<i>Siphonosphaera socialis</i> var. <i>α</i> Hilmers, 1906: 78	Living
C		1	1	S			<i>Siphonosphaera squinaboli</i> Carnevale, 1908: 10	e. Middle Miocene
C		1	1	S			<i>Siphonosphaera tenera</i> Brandt, 1885: 266	Living
C		1	1	S			<i>Siphonosphaera tizardi</i> Fowler, 1898: 1032	Living
C		1	1	S			<i>Siphonosphaera vesuvius</i> Lazarus, 1992: 794	e. Late Miocene
N		1	1	S			<i>Siphostichartus jahnae</i> Renaudie & Lazarus, 2012: 35	Middle Miocene-Early Pliocene
N		1	1	S			<i>Siphostichartus praecorona</i> Nigrini, 1977: 258	Late Oligocene-I. Early Miocene
C	nd	0	1	Sø			<i>Solenosphaera amalthea</i> Haeckel, 1887: 115	Living
C		1	1	S		Ts	<i>Solenosphaera ascensionis</i> Haeckel, 1887: 115	Living
C		1	1	S			<i>Solenosphaera chierchiae</i> Brandt, 1905b: 346	Living
C	nd	0	1	Sø			<i>Solenosphaera chierchiae</i> var. <i>a</i> Hilmers, 1906: 46	Living
C	nd	0	1	Sø			<i>Solenosphaera chierchiae</i> var. <i>b</i> Hilmers, 1906: 46	Living
C		1	1	S		Ts	<i>Solenosphaera cornucopia</i> Haeckel, 1887: 115	[Quaternary]
C		1	1	S			<i>Solenosphaera omnitubus</i> Riedel & Sanfilippo, 1971: 1586	I. Late Miocene-Early Pliocene
C		1	1	S			<i>Solenosphaera omnitubus procera</i> Sanfilippo & Riedel, 1974: 1024	Early Pliocene-Late Pliocene
C		1	1	S		Ts	<i>Solenosphaera pandora</i> Haeckel, 1887: 113	[Quaternary]
C		1	1	S			<i>Solenosphaera polysolenia</i> Strelkov & Reshetnyak, 1971: 364	Living
C		1	1	S			<i>Solenosphaera serpentina</i> Haeckel, 1887: 114	Living
C		1	1	S			<i>Solenosphaera tenuissima</i> Hilmers, 1906: 48	Living
C	nd	0	1	Sø			<i>Solenosphaera tenuissima</i> var. <i>a</i> Hilmers, 1906: 51	Living
C	nd	0	1	Sø			<i>Solenosphaera zanguebarica</i> var. <i>a</i> Hilmers, 1906: 34	Living
C	nd	0	1	Sø			<i>Solenosphaera zanguebarica</i> var. <i>b</i> Hilmers, 1906: 35	Living
C	nd	0	1	Sø			<i>Solenosphaera zanguebarica</i> var. <i>major</i> Hilmers, 1906: 35	Living
C	nd	0	1	Sø			<i>Solenosphaera zanguebarica</i> var. <i>minor</i> Brandt, 1905b: 345	Living
C	nd	0	1	Sø			<i>Solenosphaera zanguebarica</i> var. <i>pyriformis</i> Brandt, 1905b: 345	Living



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S		T	<i>Soreuma (Soreumium?) magnificum</i> Clark & Campbell, 1942: 51	e. Middle Eocene
S	nd	0	1	Sø			<i>Soreuma acervulina</i> Haeckel, 1887: 714	[Quaternary]
S	nd	0	1	Sø			<i>Soreuma acinosum</i> Haeckel, 1887: 713	[Quaternary]
S		1	1	S			<i>Soreuma gibbulosum</i> Tan & Tchang, 1976: 308	Living
S	nd	1	1	S		Td	<i>Soreuma irregulare</i> Haeckel, 1887: 713	[Quaternary]
S	nd	0	1	Sø			<i>Soreuma setosum</i> Haeckel, 1887: 714	[Quaternary]
S	nd	0	1	Sø		Td	<i>Soreuma spinosum</i> Haeckel, 1887: 714	[Quaternary]
S	nd	0	1	Sø			<i>Soreuma subglobosum</i> Haeckel, 1887: 713	[Quaternary]
S		0	1	Su			<i>Sorolarcus circumtextus</i> Jørgensen, 1900: 65	Living
S		1	0	Sf	syn		<i>Streblacantha circumtexta</i> Jørgensen, 1905: 121	Living
S	nd	1	1	S		Td	<i>Sorolarcus lamacillifer</i> Haeckel, 1887: 715	[Quaternary]
S	nd	0	1	Sø		Td	<i>Sorolarcus terminalis</i> Haeckel, 1887: 715	[Quaternary]
S	nd	0	1	Sø			<i>Sorolarcus tetrapylifer</i> Haeckel, 1887: 715	[Quaternary]
S		1	1	S		T	<i>Sphaeractis triacantha</i> Brandt in Wetzel, 1936: 51	Late Eocene
S		1	1	S		T	<i>Sphaerolamacillium cochleatum</i> Zhang & Suzuki, 2017: 47	Holocene
S		1	1	S			<i>Sphaerolamacillium exactum</i> Zhang & Suzuki, 2017: 49	Holocene
S		1	1	S			<i>Sphaerolamacillium tanzhiyuani</i> Zhang & Suzuki, 2017: 50	Holocene-Living
S	nd	1	1	S			<i>Sphaeropyle angularis</i> Popova in Tochilina et al., 1988: 46	Late Pliocene
S	nd	1	1	S			<i>Sphaeropyle crassa</i> Vinassa de Regny, 1900: 568	I. Early Miocene
S		1	1	S			<i>Sphaeropyle haeckeli</i> Dreyer, 1889: 12	[Quaternary]
S		1	1	S		Ts	<i>Sphaeropyle heteropora</i> Dreyer, 1889: 15	[Quaternary]
S		1	1	S		Ts	<i>Sphaeropyle kuekensthalii</i> Dreyer, 1889: 16	[Quaternary]
S		1	1	S		Ts	<i>Sphaeropyle langi</i> Dreyer, 1889: 13	[Quaternary]
S		1	1	S			<i>Sphaeropyle mespilus</i> Dreyer, 1889: 16	[Quaternary]
S	nd	1	1	S		Td	<i>Sphaeropyle ovulum</i> Dreyer, 1889: 17	[Quaternary]
S		1	1	S			<i>Sphaeropyle robusta</i> Kling, 1973: 634	I. Early Miocene-Late Pliocene
S		1	1	S			<i>Sphaeropyle walteri</i> Dreyer, 1889: 17	[Quaternary]
S		1	1	S			<i>Sphaeropyle weissenborni</i> Dreyer, 1889: 14	[Quaternary]
S		1	1	S		T	<i>Sphaeropylolenax laxa</i> Zhang & Suzuki, 2017: 39	Holocene
S		1	1	S			<i>Sphaeropylolenax tenellispinosa</i> Zhang & Suzuki, 2017: 40	Holocene-Living
N		1	1	S			<i>Sphaerospyris globosa</i> Haeckel, 1887: 1100	[Quaternary]
N	nd	1	1	S			<i>Sphaerospyris ovata</i> Popofsky, 1913: 296	Living
N	nd	0	1	Sø			<i>Sphaerospyris quadriforis</i> Haeckel, 1887: 1100	[Quaternary]
N	nd	1	1	S			<i>Sphaerospyris tuberosa</i> Popofsky, 1913: 296	Living
S		1	1	S			<i>Sphaerostylus (Sphaerostylantha) minutus</i> Clark & Campbell, 1945: 13	e. Middle Eocene
S		1	1	S			<i>Sphaerostylus (Sphaerostylus) yatsuoensis</i> Nakaseko, 1955: 79	I. Early Miocene
S		1	1	S			<i>Sphaerostylus agdaraensis</i> Mamedov, 1969b: 96	Middle Eocene
S	nd	0	1	Sø			<i>Sphaerostylus clio</i> Haeckel, 1887: 139	[Quaternary]
S	nd	0	1	Sø		Td	<i>Sphaerostylus cottus</i> Haeckel, 1887: 140	Living
S		1	1	S			<i>Sphaerostylus cristatus</i> Blueford, 1982: 199	Late Miocene
S	nd	0	1	Sø		Td	<i>Sphaerostylus diadema</i> Haeckel, 1887: 139	Living
S		1	1	S		Ts	<i>Sphaerostylus hippocampus</i> Haeckel, 1887: 139	[Quaternary]
S		1	1	S			<i>Sphaerostylus nevanii</i> Carnevale, 1908: 13	e. Middle Miocene
S		1	1	S			<i>Sphaerostylus nicholasi</i> Blueford, 1982: 200	Middle Miocene-e. Late Miocene
S		1	1	S			<i>Sphaerostylus octoradiatus</i> Lucchese, 1927: 85	e. Middle Miocene
S		1	1	S		Ts	<i>Sphaerostylus ophidium</i> Haeckel, 1887: 140	Living
S		1	1	S			<i>Sphaerostylus rosetta</i> Blueford, 1982: 202	Middle Miocene-I. Late Miocene
S	nd	0	1	Sø			<i>Sphaerostylus trigla</i> Haeckel, 1887: 140	[Quaternary]
S		1	1	S			<i>Sphaerostylus vinassai</i> Lucchese, 1927: 84	e. Middle Miocene
S		1	1	S			<i>Sphaerostylus vinassai</i> var. <i>microstylus</i> Lucchese, 1927: 85	e. Middle Miocene
C		1	1	S			<i>Sphaerozoum alveolatum</i> Haeckel, 1887: 43	Living
C	nd	0	1	Sø			<i>Sphaerozoum araucaria</i> Haeckel, 1887: 44	Living
C		1	1	S			<i>Sphaerozoum arborescens</i> Haeckel, 1887: 44	Living
C		1	1	S			<i>Sphaerozoum armatum</i> Haeckel, 1887: 43	Living
C	nd	0	1	Sø			<i>Sphaerozoum bathybiium</i> Dogiel in Petrushevskaya, 1971: 325	Living
C	nd	1	1	S			<i>Sphaerozoum bicellulare</i> Müller, 1859b: 54	Living
C		0	1	Su			<i>Sphaerozoum bifurcum</i> Haeckel, 1861b: 845	Living
C		1	0	Sf	syn	T	<i>Thalassosphaera bifurca</i> Haeckel, 1862: 260	Living
C		1	1	S			<i>Sphaerozoum bilix</i> Breckner, 1906: 36	Living
C		1	1	S			<i>Sphaerozoum bilix quadricornis</i> Popofsky, 1920: 579	Living
C		1	1	S			<i>Sphaerozoum brandti</i> Breckner, 1906: 43	Living
C		1	1	S			<i>Sphaerozoum breckneri</i> Popofsky, 1920: 574	Living
C	nd	0	1	Sø			<i>Sphaerozoum circumtextum</i> Haeckel, 1887: 45	Living
C		0	1	Su			<i>Sphaerozoum coeruleum</i> Haeckel, 1861b: 845	Living
C		1	0	Sf	syn	Ts	<i>Collozoum coeruleum</i> Haeckel, 1862: 523	Living
C		1	1	S			<i>Sphaerozoum crassus</i> Goll, 1980: 437	Early Pliocene-Pleistocene
C	nd	0	1	Sø			<i>Sphaerozoum furcatum</i> Haeckel, 1887: 42	Living
C	nd	0	1	Sø			<i>Sphaerozoum furculosum</i> Haeckel, 1887: 42	Living
C		1	1	S		T	<i>Sphaerozoum fuscum</i> Meyen, 1834: 164	Living
C	nn	0	0	Sø			<i>Sphaerozoum fuscum</i> var. <i>bicornis</i> Breckner, 1906: 22	Living

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
C	nn	0	0	Sø			<i>Sphaerzoum fuscum</i> var. <i>quadricornis</i> Breckner, 1906: 22	Living
C		1	1	S		Ts	<i>Sphaerzoum geminatum</i> Haeckel, 1887: 45	Living
C		1	1	S			<i>Sphaerzoum gracile</i> Breckner, 1906: 48	Living
C		1	1	S			<i>Sphaerzoum haeckeli</i> Brandt, 1885: 251	Living
C	nd	0	1	Sø			<i>Sphaerzoum hamatum</i> Haeckel, 1887: 41	Living
C	nd	0	1	Sø			<i>Sphaerzoum hamulatum</i> Dogiel in Petrushevskaya, 1971: 328	Living
C	nd	0	1	Sø			<i>Sphaerzoum hexactinium</i> Haeckel, 1887: 41	Living
C		0	1	Su			<i>Sphaerzoum inerme</i> Müller, 1859b: 54	Living
C		1	0	Sf	syn	T	<i>Collozoum inerme</i> Haeckel, 1862: 522	Living
C		0	1	Su			<i>Sphaerzoum italicum</i> Haeckel, 1861b: 845	Living
C		1	0	Sf	syn		<i>Sphaerzoum italicum</i> Haeckel, 1862: 526	Living
C	nd	0	1	Sø			<i>Sphaerzoum magnum</i> Breckner, 1906: 23	Living
C	nd	0	1	Sø			<i>Sphaerzoum medusinum</i> Haeckel, 1887: 41	Living
C		1	1	S		Ts	<i>Sphaerzoum neapolitanum</i> Brandt, 1882: 390	Living
C	nd	0	1	Sø			<i>Sphaerzoum octoceras</i> Haeckel, 1887: 44	Living
C		1	1	S			<i>Sphaerzoum orientale</i> Dana, 1863: 54	Living
C		0	1	Su			<i>Sphaerzoum ovodimare</i> Haeckel, 1861b: 845	Living
C		1	0	Sf	syn		<i>Sphaerzoum ovodimare</i> Haeckel, 1862: 527	Living
C		1	1	S			<i>Sphaerzoum parvum</i> Breckner, 1906: 47	Living
C		0	1	Su			<i>Sphaerzoum pelagicum</i> Haeckel, 1861b: 845	Living
C		1	0	Sf	syn	Ts	<i>Collozoum coeruleum</i> Haeckel, 1862: 523, 561	Living
C	nd	0	1	Sø			<i>Sphaerzoum quadrigeminum</i> Haeckel, 1887: 44	Living
C		1	1	S			<i>Sphaerzoum ralumense</i> Breckner, 1906: 22	Living
C		1	1	S			<i>Sphaerzoum sanderi</i> Donitz, 1871: 75	Living
C		1	1	S			<i>Sphaerzoum sargassense</i> Breckner, 1906: 26	Living
C		0	1	Su			<i>Sphaerzoum spinulosum</i> Müller, 1856: 477	Living
C		1	0	Sf	syn	T	<i>Sphaerzoum spinulosum</i> Müller, 1859b: 54	Living
C	nd	0	1	Sø			<i>Sphaerzoum stellatum</i> Haeckel, 1887: 45	Living
C		1	1	S			<i>Sphaerzoum strigosum</i> Breckner, 1906: 34	Living
C	nn	0	0	Sp	pre		<i>Sphaerzoum strigulosum</i> Breckner, 1906: 34	
C		1	1	S			<i>Sphaerzoum strigulosum</i> Breckner in Popofsky, 1920: 575	Living
C		1	1	S			<i>Sphaerzoum tenuarium</i> Breckner, 1906: 32	Living
C	nd	0	1	Sø		Td	<i>Sphaerzoum triactinium</i> Haeckel, 1887: 41	Living
C		1	1	S			<i>Sphaerzoum trigeminum</i> Haeckel, 1887: 43	Living
C		1	1	S			<i>Sphaerzoum variabile</i> Haeckel, 1887: 45	Living
C		1	1	S			<i>Sphaerzoum verticillatum</i> Haeckel, 1887: 44	Living
C		1	1	S			<i>Sphaerzoum verticillatum piniferum</i> Popofsky, 1920: 582	Living
C	nn	0	0	Sp	pre		<i>Sphaerzoum verticillatum</i> var. <i>procerum</i> Breckner, 1906: 40	
C		1	1	S			<i>Sphaerzoum verticillatum</i> var. <i>procerum</i> Breckner in Popofsky, 1920: 581	Living
S	nn	1	0	S			<i>Spirema? circularis</i> Nakaseko & Sugano, 1973	Early Pliocene
S	nd	0	1	Sø		Td	<i>Spirema diplospira</i> Haeckel, 1887: 693	[Quaternary]
S		1	1	S			<i>Spirema flustrella</i> Haeckel, 1887: 692	Living
S		1	1	S			<i>Spirema giltschi</i> Dreyer, 1890: 40	e. Middle Miocene
S	nd	0	1	Sø		Td Ti	<i>Spirema lentellipsis</i> Haeckel, 1887: 692	Living
S		1	1	S			<i>Spirema melonia</i> Haeckel, 1887: 692	Living
S	nd	0	1	Sø			<i>Spirema subglobosum</i> Haeckel, 1887: 693	Living
S		1	1	S		T	<i>Spiremaria decens</i> Kozlova, 1960: 315	Middle Miocene-Late Miocene
S		1	1	S			<i>Spiremaria fragosa</i> Kozlova, 1960: 316	Early Miocene
W	nn	0	0	Sp	pre		<i>Spirillina imperforata</i> Ehrenberg, 1858: 560	
W	nd	0	1	Sø		Te Th	<i>Spirillina imperforata</i> Ehrenberg, 1859: 35	Holocene?
W	nn	0	0	Sø			<i>Spirillina porosa</i> Ehrenberg, 1858: 548	Holocene?
N		1	1	S			<i>Spirocampe allospira</i> Haeckel, 1887: 1511	[Quaternary]
N	nd	1	1	S		Td	<i>Spirocampe callispira</i> Haeckel, 1887: 1511	[Quaternary]
N	nd	0	1	Sø			<i>Spirocampe polyspira</i> Haeckel, 1887: 1511	[Quaternary]
N	nd	1	1	S			<i>Spirocapsa ruesti</i> Vinassa de Regny, 1900: 591	I. Early Miocene
N		1	1	S			<i>Spirocyrtis cornutella</i> Haeckel, 1887: 1509	[Quaternary]
N		1	1	S			<i>Spirocyrtis diplospira</i> Haeckel, 1887: 1510	[Quaternary]
N		1	1	S			<i>Spirocyrtis elegans</i> Nakaseko, 1963: 196	I. Middle Miocene
N		1	1	S			<i>Spirocyrtis greeni</i> O'Connor, 1999: 8	Late Eocene
N		1	1	S			<i>Spirocyrtis gyroscalaris</i> Nigrini, 1977: 258	e. Late Miocene-Holocene
N	nd	0	1	Sø			<i>Spirocyrtis hemispira</i> Haeckel, 1887: 1510	[Quaternary]
N		1	1	S			<i>Spirocyrtis? hollisi</i> Renaudie & Lazarus, 2012: 37	Early Miocene-Early Pleistocene
N		1	1	S		Ts	<i>Spirocyrtis holospira</i> Haeckel, 1887: 1509	[Quaternary]
N		1	1	S			<i>Spirocyrtis merospira</i> Haeckel, 1887: 1510	[Quaternary]
N		1	1	S			<i>Spirocyrtis parvaturris</i> Funakawa & Nishi, 2005: 228	Late Oligocene
N		1	1	S			<i>Spirocyrtis proboscis</i> O'Connor, 1994: 341	Early Oligocene-Late Oligocene
N		1	1	S		T	<i>Spirocyrtis scalaris</i> Haeckel, 1887: 1509	[Quaternary]
N		1	1	S			<i>Spirocyrtis submerospira</i> Chen, 1987: 226	Holocene
N		1	1	S			<i>Spirocyrtis subscalaris</i> Nigrini, 1977: 259	I. Middle Miocene-Holocene
N		1	1	S			<i>Spirocyrtis subtilis</i> Petrushevskaya & Kozlova, 1972: 540	I. Early Miocene-I. Middle Miocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S		Ts	<i>Spiromultitunica circumflexa</i> Tochilina & Popova in Tochilina, 1985: 102	Late Oligocene-Early Miocene
S	nd	0	1	Sø			<i>Spironium arbustum</i> Haeckel, 1887: 702	Living
S		1	1	S			<i>Spironium cochlearium</i> Popofsky, 1912: 153	Living
S	nd	0	1	Sø			<i>Spironium diagonale</i> Haeckel, 1887: 702	Living
S		1	1	S		Ts	<i>Spironium octonium</i> Haeckel, 1887: 701	[Quaternary]
S	nd	0	1	Sø		Td	<i>Spironium spinosum</i> Haeckel, 1887: 702	Living
S	nd	0	1	Sø			<i>Spongaster cruciatus</i> Haeckel, 1887: 597	Living
S		1	1	S			<i>Spongaster klingi</i> Riedel & Sanfilippo, 1971: 1589	e. Late Miocene-Pliocene
S		1	1	S			<i>Spongaster lepidopteron</i> Dogiel in Petrushevskaya, 1969a: 132	Living
S	nd	0	1	Sø			<i>Spongaster pentacyclus</i> Haeckel, 1887: 598	Living
S		1	1	S			<i>Spongaster pentas</i> Riedel & Sanfilippo, 1970: 523	Pliocene
S	nd	0	1	Sø			<i>Spongaster quadratus</i> Haeckel, 1887: 597	Living
S	nn	0	0	Sp	pre		<i>Spongaster tetras</i> Ehrenberg, 1861a: 769	
S		0	1	Su			<i>Spongaster tetras</i> Ehrenberg, 1862b: 301	Holocene
S		1	0	Sf	syn	T	<i>Spongaster tetras</i> Ehrenberg, 1873b: 298-299	Holocene
S		1	1	S			<i>Spongaster tetras irregularis</i> Nigrini, 1967: 43	Living
S		1	1	S			<i>Spongasteriscus (Spongasteriscinus) cruciferus</i> Clark & Campbell, 1942: 50	e. Middle Eocene
S		1	1	S			<i>Spongasteriscus (Spongasterisculus) berminghami</i> Campbell & Clark, 1944: 30	e. Late Miocene
S	nd	0	1	Sø			<i>Spongasteriscus armatus</i> Haeckel, 1887: 595	Living
S	nd	0	1	Sø			<i>Spongasteriscus clavatus</i> Haeckel, 1887: 595	Living
S	nd	0	1	Sø			<i>Spongasteriscus furcatus</i> Haeckel, 1887: 595	[Quaternary]
S		1	1	S			<i>Spongasteriscus gorskii</i> Lipman, 1953: 151	Late Eocene
S		1	1	S			<i>Spongasteriscus marylandicus</i> Martin, 1904: 453	l. Early Miocene
S	nd	0	1	Sø			<i>Spongasteriscus mucronatus</i> Haeckel, 1887: 595	[Quaternary]
S	nd	0	1	Sø			<i>Spongasteriscus myelastrium</i> Haeckel, 1887: 596	Living
W	nd	0	1	Sø		Te	<i>Spongasteriscus ovatus</i> Haeckel, 1887: 594	[Quaternary]
S	nd	0	1	Sø			<i>Spongasteriscus tetraceros</i> Haeckel, 1862: 475	Living
S		1	1	S			<i>Spongatractus balbis</i> Sanfilippo & Riedel, 1973: 518	Middle Eocene
S	nd	1	1	S			<i>Spongatractus californicus</i> Campbell & Clark, 1944: 23	e. Late Miocene
S	nd	0	1	Sø			<i>Spongatractus fusiformis</i> Haeckel, 1887: 351	[Early Miocene]
S		1	1	S			<i>Spongatractus klausii</i> Sanfilippo & Blome, 2001: 202	l. Middle Eocene
S	nd	0	1	Sø			<i>Spongatractus streptacanthus</i> Haeckel, 1887: 351	Living
S	nd	0	1	Sø			<i>Spongechinus cavus</i> Haeckel, 1887: 273	Living
S	nd	0	1	Sø			<i>Spongechinus serrulatus</i> Haeckel, 1887: 273	Living
S	nd	0	1	Sø			<i>Spongechinus setosus</i> Haeckel, 1887: 273	Living
S	nd	0	1	Sø			<i>Spongellipsis aplysina</i> Haeckel, 1887: 342	Living
S	nd	0	1	Sø			<i>Spongellipsis aspera</i> Haeckel, 1887: 342	[Quaternary]
S	nd	0	1	Sø		Td	<i>Spongellipsis laevis</i> Haeckel, 1887: 342	Living
S	nd	0	1	Sø		Td	<i>Spongellipsis setosa</i> Haeckel, 1887: 342	Living
S	nd	0	1	Sø			<i>Spongellipsis spinosa</i> Haeckel, 1887: 342	Living
N		1	1	S		Ts	<i>Spongiocanium pacificum</i> Nishimura, 1990: 169	Holocene-Living
S	nd	0	1	Sø		Td	<i>Spongiococoncha inversa</i> Mast, 1910: 184	Living
S	nd	0	1	Sø			<i>Spongiomma asteroides</i> Haeckel, 1887: 272	Living
S	nd	0	1	Sø			<i>Spongiomma clavatum</i> Haeckel, 1887: 271	Living
S	nd	0	1	Sø			<i>Spongiomma denticulatum</i> Haeckel, 1887: 270	Living
S	nd	0	1	Sø			<i>Spongiomma helioides</i> Haeckel, 1887: 271	Living
E	nd	0	1	Sø		Td	<i>Spongiomma radiatum</i> Haeckel, 1887: 270	Living
S	nd	0	1	Sø			<i>Spongiomma spathillatum</i> Haeckel, 1887: 270	Living
S		1	1	S			<i>Spongiomma spinatum</i> Chen & Tan, 1989: 7	Holocene
N		1	1	S		Ts	<i>Spongiopodium virgeum</i> Nishimura, 1990: 135	l. Middle Eocene
S	nd	1	1	S		Td	<i>Spongiuspinus philiphus</i> Alvira-Martín, 1971: 224	[Miocene]
S		1	1	S			<i>Spongobrachium froudum</i> Tan & Su, 1982: 157	Holocene
S	nd	0	1	Sø			<i>Spongobrachium lanceolatum</i> Haeckel, 1887: 588	Living
S		1	1	S			<i>Spongobrachium pentagrama</i> Chen, 1987: 224	Holocene
S		1	1	S			<i>Spongobrachium toxon</i> Tan & Su, 1982: 158	Holocene
S		1	1	S			<i>Spongocore (Spongocorisca) lata</i> Campbell & Clark, 1944: 22	e. Late Miocene
S		1	1	S			<i>Spongocore (Spongocorisca) puer</i> Campbell & Clark, 1944: 22	e. Late Miocene
S		1	1	S			<i>Spongocore castracanei</i> Certes, 1891: 34	[Quaternary]
S	nd	0	1	Sø			<i>Spongocore chrysalis</i> Haeckel, 1887: 346	Living
S	nd	0	1	Sø			<i>Spongocore cincta</i> Haeckel, 1887: 346	Living
S	nd	0	1	Sø			<i>Spongocore diplocylindrica</i> Haeckel, 1887: 346	Living
S		1	1	S			<i>Spongocore polyacantha</i> Popofsky, 1912: 116	Living
S		1	1	S		Ts	<i>Spongocore puella</i> Haeckel, 1887: 347	Living
S	nd	0	1	Sø			<i>Spongocore pupula</i> Haeckel, 1887: 347	Living
S		1	1	S			<i>Spongocore spongiosa</i> Kim, 1992: 39	Early Eocene-Early Oligocene
S	nd	0	1	Sø		Td	<i>Spongocore velata</i> Haeckel, 1887: 346	Living
S		1	1	S			<i>Spongocyelia triangularis</i> Stöhr, 1880: 119	[e. Late Miocene]
S	nd	0	1	Sø			<i>Spongocyrtis arachnoides</i> Haeckel, 1887: 1189	[Quaternary]
N	nd	1	1	S			<i>Spongocyrtis mitrus</i> Kestner, 1973: 47	Late Eocene
S		1	1	S		T	<i>Spongodendron macrodoras</i> Hollande & Enjmet, 1960: 99	Living



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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	0	1	Sø			<i>Spongodictyon arcadophoron</i> Haeckel, 1887: 91	Living
S	nd	0	1	Sø			<i>Spongodictyon cavernosum</i> Haeckel, 1887: 91	Living
S		1	1	S		T	<i>Spongodiscus (Annulatospira) pulcher</i> Clark & Campbell, 1945: 26	e. Middle Eocene
S		1	1	S			<i>Spongodiscus (Spongocyclia) campbelli</i> Middour in Frizzell & Middour, 1951: 26	Late Paleocene
S		1	1	S			<i>Spongodiscus (Spongocyclia) communis</i> Clark & Campbell, 1942: 47	e. Middle Eocene
S		1	1	S			<i>Spongodiscus (Spongodisculus) gigas</i> Campbell & Clark, 1944: 27	e. Late Miocene
S		1	1	S			<i>Spongodiscus (Spongodisculus) maculatus</i> Clark & Campbell, 1945: 25	e. Middle Eocene
S	nd	1	1	S			<i>Spongodiscus (Spongodisculus) veleva</i> Clark & Campbell, 1942: 46	e. Middle Eocene
S	nn	0	0	Sp		pre	<i>Spongodiscus aculeatus</i> Ehrenberg, 1854a: table	
S	nd	0	1	Sø			<i>Spongodiscus aculeatus</i> Ehrenberg, 1854b: 246	Holocene
S		1	1	S			<i>Spongodiscus ambus</i> Sanfilippo & Riedel, 1974: 1024	Early Pliocene-Late Pliocene
S		1	1	S			<i>Spongodiscus americanus</i> Kozlova in Kozlova & Gorbovetz, 1966: 88	Late Eocene
S	nd	1	1	S			<i>Spongodiscus amorphus</i> Moksyakova, 1970: 148	Late Eocene
S	nd	1	1	S			<i>Spongodiscus aralensis</i> Lipman, 1980: 125	Late Eocene
S		1	1	S			<i>Spongodiscus asiaensis</i> Chen & Tan, 1989: 7	Holocene
S		1	1	S			<i>Spongodiscus asper</i> Shrubsole, 1889: 123	[Eocene]
S	nd	0	1	Sø			<i>Spongodiscus biconcavus</i> Haeckel, 1887: 577	[Quaternary]
S		1	1	S			<i>Spongodiscus bulla</i> Kozlova, 1960: 312	Early Miocene-Middle Miocene
S		1	1	S			<i>Spongodiscus cauleti</i> Kamikuri, 2010: 94	Middle Miocene-Late Pliocene
S	nn	1	0	S			<i>Spongodiscus centricompositus</i> Zaynutdinov, 1978	Eocene
S		0	1	Su			<i>Spongodiscus charybdaeus</i> Haeckel, 1861b: 844	Living
S		1	0	Sf	syn	Ts	<i>Spongocyclia charybdea</i> Haeckel, 1862: 472	Living
S		1	1	S			<i>Spongodiscus communis fragilis</i> Riedel, 1953: 809	I. Late Miocene
S	nd	1	1	S			<i>Spongodiscus complectus</i> Chediya, 1957: 38	Late Eocene
S		1	1	S			<i>Spongodiscus concentricus</i> Lipman, 1953: 149	Late Eocene
S		1	1	S			<i>Spongodiscus conspectus</i> Kozlova, 1960: 312	Middle Miocene
S		1	1	S			<i>Spongodiscus craticulatus ellipticus</i> Vitukhin in Barinov <i>et al.</i> , 1992: 132	I. Middle Miocene
S	nd	1	1	S			<i>Spongodiscus crenatus</i> Moksyakova, 1970: 148	Late Eocene
S		0	1	Su			<i>Spongodiscus cycloides</i> Haeckel, 1861b: 843	Living
S		1	0	Sf	syn	T	<i>Spongocyclia cycloides</i> Haeckel, 1862: 469	Living
S	nd	1	1	S			<i>Spongodiscus delenitor</i> Lipman in Lipman <i>et al.</i> , 1960: 88	Late Eocene
S		1	1	S			<i>Spongodiscus elegans</i> Lipman, 1949: 116	Early Eocene
S		0	1	Su			<i>Spongodiscus ellipticus</i> Haeckel, 1861b: 844	Living
S	nd	1	1	S			<i>Spongodiscus? ellipticus</i> Vinassa de Regny, 1900: 577	I. Early Miocene
S		1	0	Sf	syn	T	<i>Spongocyclia elliptica</i> Haeckel, 1862: 470	Living
S		1	1	S			<i>Spongodiscus enodatus</i> Kozlova, 1960: 313	Early Miocene-Middle Miocene
S		0	1	Su			<i>Spongodiscus favus</i> Ehrenberg, 1862b: 301	Holocene
S		1	0	Sf	syn		<i>Spongodiscus favus</i> Suzuki <i>et al.</i> , 2009a	Holocene
S	nd	1	1	S			<i>Spongodiscus favus maxima</i> Popofsky, 1908: 226	Living
S	nn	0	0	Sp		pre	<i>Spongodiscus haliomma</i> Ehrenberg, 1854a: table	
S	nd	0	1	Su			<i>Spongodiscus haliomma</i> Ehrenberg, 1854b: 246	Holocene
S	nd	1	0	Sf	syn		<i>Spongodiscus haliomma</i> Suzuki <i>et al.</i> , 2009a	Holocene
S	nd	1	1	S			<i>Spongodiscus ingens</i> Moksyakova, 1970: 150	Late Eocene
S	nn	1	0	S			<i>Spongodiscus ingens</i> Moksyakova in Zaynutdinov, 1978	Eocene
S		1	1	S			<i>Spongodiscus klingi</i> Caulet, 1986a: 849	Early Pliocene
S	nd	1	1	S			<i>Spongodiscus laxis</i> Moksyakova, 1970: 149	Late Eocene
S	nd	1	1	S			<i>Spongodiscus? libum</i> Borisenko, 1958: 97	Paleocene
S	nn	1	0	S			<i>Spongodiscus marginosper</i> Zaynutdinov, 1978	Eocene
S	nn	1	0	S			<i>Spongodiscus medioporosus</i> Zaynutdinov, 1978	Eocene
S		1	1	S			<i>Spongodiscus mediterraneus</i> Haeckel, 1862: 461	Living
S	nd	1	1	S			<i>Spongodiscus mobilis</i> Moksyakova, 1970: 149	Late Eocene
S		1	1	S			<i>Spongodiscus modestus</i> Krasheninnikov, 1960: 292	Early Eocene
S	nd	1	1	S			<i>Spongodiscus multicavus</i> Kozlova, 1960: 311	Miocene
S		1	1	S			<i>Spongodiscus obsoleteus</i> Krasheninnikov, 1960: 292	Early Eocene
S		0	1	Su			<i>Spongodiscus orthogonus</i> Haeckel, 1861b: 844	Living
S		1	0	Sf	syn	T	<i>Spongocyclia orthogona</i> Haeckel, 1862: 470	Living
S		1	1	S			<i>Spongodiscus osculosus robustus</i> Vitukhin in Barinov <i>et al.</i> , 1992: 131	I. Middle Miocene
S	nn	1	0	S			<i>Spongodiscus ovalis</i> Zaynutdinov, 1978	Eocene
S		1	1	S			<i>Spongodiscus phrix</i> Sanfilippo & Riedel, 1973: 525	e. Middle Eocene
S	nd	1	1	S			<i>Spongodiscus piriformis</i> Borisenko, 1958: 98	Paleocene
S	nd	1	1	S			<i>Spongodiscus praecipius</i> Krasheninnikov, 1960: 293	Early Eocene
S		0	1	Su			<i>Spongodiscus quadricornis</i> Haeckel, 1861b: 844	Living
S		1	0	Sf	syn	T	<i>Spongasteriscus quadricornis</i> Haeckel, 1862: 474	Living
S	nn	1	0	S			<i>Spongodiscus quadrimediannularis</i> Zaynutdinov, 1978	Eocene
S		1	1	S			<i>Spongodiscus quartus bosoculus</i> Sanfilippo & Riedel, 1973: 525	Late Paleocene-Early Eocene
S	nd	0	1	Sø			<i>Spongodiscus radiatus</i> Haeckel, 1887: 576	Living
S	nn	0	0	Sp		pre	<i>Spongodiscus resurgens</i> Ehrenberg, 1854a: table	
S		0	1	Su			<i>Spongodiscus resurgens</i> Ehrenberg, 1854b: 246	Holocene
S		1	0	Sf	syn	T	<i>Spongodiscus resurgens</i> Ehrenberg, 1854d	Holocene
S	nd	0	1	Su			<i>Spongodiscus scyllaeus</i> Haeckel, 1861b: 844	Living



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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	1	0	Sf	syn		<i>Spongocyclus scyllaea</i> Haeckel, 1862: 471	Living
S	nd	1	1	S			<i>Spongodiscus serratus</i> Kozlova, 1960: 313	Miocene
S	nd	1	1	S			<i>Spongodiscus sibiricus</i> Gorbovetz, 1971: 36	Middle Eocene
S	nd	0	1	Sø			<i>Spongodiscus spiralis</i> Haeckel, 1887: 578	Living
S	nd	1	1	S			<i>Spongodiscus spongiosus</i> Lipman, 1953: 149	Late Eocene
S	nd	0	1	Sø			<i>Spongodiscus spongocyclus</i> Haeckel, 1887: 578	[Tertiary]
S	nd	1	1	S			<i>Spongodiscus tritus</i> Borisenko, 1958: 97	Paleocene
S	nd hom	1	1	S			<i>Spongodiscus tritus</i> Kozlova, 1960: 314	Miocene
S		1	1	S			<i>Spongodiscus turkestanensis</i> Lipman, 1949: 117	Early Eocene
S	nd	1	1	S			<i>Spongodiscus umbonatus</i> Lipman, 1953: 148	Middle Eocene
S	nd	0	1	Sø		Td	<i>Spongodruppa frangula</i> Haeckel, 1887: 349	[Quaternary]
S	nd	0	1	Sø			<i>Spongodruppa lentisca</i> Haeckel, 1887: 349	Living
S	nd	0	1	Sø			<i>Spongodruppa pistacia</i> Haeckel, 1887: 349	[Eocene]
S	nd	0	1	Sø		Td	<i>Spongodruppa terebintha</i> Haeckel, 1887: 349	[Quaternary]
S	nd	0	1	Sø			<i>Spongodymus abietinus</i> Haeckel, 1887: 272	Living
E		1	1	S		T	<i>Spongodymus elaphococcus</i> Haeckel, 1887: 272	Living
E		1	1	S			<i>Spongodymus gracilis</i> Hollande & Enjumet, 1960: 106	Living
S		1	1	S		Ts	<i>Spongohagiastrum digitatum</i> Tan & Tchang, 1976: 304	Living
S	nd	0	1	Sø			<i>Spongolarcus amphicentria</i> Haeckel, 1887: 614	Living
S	nd	0	1	Sø			<i>Spongolarcus dimensivus</i> Haeckel, 1887: 613	Living
N	nd	0	1	Sø		Td	<i>Spongolarcus lentellipsis</i> Haeckel, 1887: 613	Living
S	nd	0	1	Sø			<i>Spongolarcus triaxonius</i> Haeckel, 1887: 613	[Quaternary]
S	nd	0	1	Sø			<i>Spongolena cypselura</i> Haeckel, 1887: 588	[Quaternary]
S	nd	1	1	S			<i>Spongolena lataformis</i> Clark & Campbell, 1942: 49	e. Middle Eocene
S	nd	0	1	Sø		Td	<i>Spongolena rhopalura</i> Haeckel, 1887: 587	[Quaternary]
S	nd	0	1	Sø			<i>Spongolena spongura</i> Haeckel, 1887: 587	Living
S	nd	0	1	Sø			<i>Spongoliva amygdalina</i> Haeckel, 1887: 352	[Miocene]
S	nd	0	1	Sø		Td	<i>Spongoliva cerasina</i> Haeckel, 1887: 352	[Eocene]
S	nd	0	1	Sø			<i>Spongoliva daturina</i> Haeckel, 1887: 353	Living
S		1	1	S		T	<i>Spongoliva ellipsoides</i> Popofsky, 1912: 117	Living
S	nd	0	1	Sø		Td	<i>Spongoliva opuntina</i> Haeckel, 1887: 352	Living
S	nd	0	1	Sø			<i>Spongoliva persicina</i> Haeckel, 1887: 352	[Quaternary]
S	nd	0	1	Sø			<i>Spongoliva prunulina</i> Haeckel, 1887: 352	[Quaternary]
S	nd	0	1	Sø			<i>Spongolonche amphistyla</i> Haeckel, 1887: 580	Living
S	nd	0	1	Sø		Td	<i>Spongolonche conostyla</i> Haeckel, 1887: 580	[Early Miocene]
S	nd	1	1	S			<i>Spongolonche? kewi</i> Campbell & Clark, 1944: 12	e. Late Miocene
S	nd	0	1	Sø		Td Th	<i>Spongolonchis compacta</i> Haeckel, 1887: 149	[Quaternary]
S	nd	1	1	S			<i>Spongolonchis grawei</i> Middour in Frizzell & Middour, 1951: 16	Late Paleocene
S	nd	0	1	Sø			<i>Spongolonchis laxa</i> Haeckel, 1887: 149	[Quaternary]
N		1	1	S			<i>Spongomelissa adunca</i> Sanfilippo & Riedel, 1973: 529	Late Paleocene-Early Eocene
N		1	1	S			<i>Spongomelissa bipatens</i> Renaudie & Lazarus, 2015: 204	Late Oligocene-Early Miocene
N		1	1	S			<i>Spongomelissa cucumella</i> Sanfilippo & Riedel, 1973: 530	Early Eocene-Middle Eocene
N		1	1	S			<i>Spongomelissa dilli</i> Chen, 1974: 488	Early Miocene-l. Middle Miocene
N		1	1	S			<i>Spongomelissa euparyphus</i> Sanfilippo & Riedel, 1973: 530	Early Eocene
N		1	1	S			<i>Spongomelissa superspongia</i> Vitukhin, 1993: 78	Oligocene
N		1	1	S			<i>Spongomelissa ternaria</i> Kozlova, 1999: 113	Late Paleocene
S	nd	1	1	S			<i>Spongophacus flos</i> Tan & Su, 1982: 157	Holocene
S	nd	0	1	Sø		Td	<i>Spongophacus periphaena</i> Haeckel, 1887: 579	[Quaternary]
S		1	1	S			<i>Spongophacus siculus</i> Dreyer, 1890: 24	e. Middle Miocene
S		1	1	S			<i>Spongophacus stoeohri</i> Dreyer, 1890: 22	e. Middle Miocene
S	nd	1	1	S			<i>Spongophortis larnacilla</i> Haeckel, 1887: 711	Living
S	nd	0	1	Sø		Td	<i>Spongophortis radiosa</i> Haeckel, 1887: 711	[Quaternary]
S	nd	0	1	Sø		Td	<i>Spongophortis spongiosa</i> Haeckel, 1887: 711	Living
S	nd	0	1	Sø		Td	<i>Spongopila dichotoma</i> Haeckel, 1887: 274	Living
S		1	1	S			<i>Spongopila gracilis</i> Mast, 1910: 182	Living
S	nd	1	1	S			<i>Spongopila helioides</i> Mast, 1910: 183	Living
S	nd	0	1	Sø			<i>Spongopila polyacantha</i> Mast, 1910: 182	Living
S		1	1	S			<i>Spongopila varians</i> Mast, 1910: 182	Living
S	nd	0	1	Sø			<i>Spongopila verticillata</i> Haeckel, 1887: 275	Living
E	nd	0	1	Sø			<i>Spongoplegma antarcticum</i> Haeckel, 1887: 90	[Quaternary]
E		1	1	S			<i>Spongoplegma dentifrangibula</i> Renaudie & Lazarus, 2015: 187	Pleistocene-Holocene
E		1	1	S			<i>Spongoplegma radians</i> Hollande & Enjumet, 1960: 104	Living
E		1	1	S			<i>Spongoplegma rugosa</i> Hollande & Enjumet, 1960: 104	Living
E		1	1	S			<i>Spongoplegma variabilium</i> Nakaseko, 1971a: 94	Middle Miocene-Late Miocene
S	nd	0	1	Sø			<i>Spongoprimum amphicylindricus</i> Haeckel, 1887: 348	Living
S		1	1	S		Ts	<i>Spongoprimum amphilonche</i> Haeckel, 1887: 347	[Quaternary]
S	nd	0	1	Sø			<i>Spongoprimum atractus</i> Haeckel, 1887: 348	[Quaternary]
S		1	1	S			<i>Spongoprimum densum</i> Clark & Campbell, 1942: 37	e. Middle Eocene
S		1	1	S			<i>Spongoprimum markleyense</i> Clark & Campbell, 1942: 37	e. Middle Eocene
S		1	1	S			<i>Spongoprimum markleyense ovum</i> Clark & Campbell, 1942: 37	e. Middle Eocene

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nn	1	0	S			<i>Spongoprunum unicum</i> Gorbunov, 1979	Eocene
S		1	1	S			<i>Spongopyle aspera</i> Dreyer, 1889: 47	[Quaternary]
S		1	1	S			<i>Spongopyle caltanissettae</i> Dreyer, 1890: 37	e. Middle Miocene
S		1	1	S			<i>Spongopyle circularis</i> Dreyer, 1889: 42	[Quaternary]
S		1	1	S			<i>Spongopyle dreyeri</i> Carnevale, 1908: 27	e. Middle Miocene
S	nd	1	1	S		Td	<i>Spongopyle elliptica</i> Dreyer, 1889: 46	[Quaternary]
S		1	1	S		T	<i>Spongopyle osculosa</i> Dreyer, 1889: 42	[Quaternary]
S		1	1	S		T	<i>Spongopyle ovata</i> Dreyer, 1889: 46	[Quaternary]
S		1	1	S			<i>Spongopyle? sanfilippoae</i> O'Connor, 2001: 14	Early Paleocene-Late Paleocene
S		1	1	S		T	<i>Spongopyle setosa</i> Dreyer, 1889: 43	[Quaternary]
S	nn	1	0	S			<i>Spongopyle sinualis</i> Zaynutdinov, 1978	Eocene
S		1	1	S			<i>Spongopyle spiralis</i> Bjørklund & Kellogg, 1972: 392	Late Eocene
S		1	1	S			<i>Spongopyle stoehri</i> Dreyer, 1889: 47	[Quaternary]
S	nn	1	0	S			<i>Spongopyle tubularis</i> Zaynutdinov, 1978	Eocene
S		1	1	S			<i>Spongopyle variabilis</i> Dreyer, 1889: 47	[Quaternary]
S		1	1	S			<i>Spongopylidium? aerostatum</i> Renaudie & Lazarus, 2016: 29	Early Miocene-Late Miocene
N		1	1	S		Ts	<i>Spongopyramis spongiosa</i> Haeckel, 1887: 1261	[Quaternary]
N	nd	0	1	Sø			<i>Spongopyramis spongoplecta</i> Haeckel, 1887: 1261	[Quaternary]
S		1	1	S		Ts	<i>Spongosphaera helioides</i> Haeckel, 1862: 456	Living
S		0	1	Su			<i>Spongosphaera pachystyla</i> Ehrenberg, 1874b: 256	I. Middle Eocene
S		1	0	Sf	syn	T	<i>Spongosphaera pachystyla</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
S		0	1	Su			<i>Spongosphaera polyacantha</i> Müller, 1856: 487	Living
S		1	0	Sf	syn	T	<i>Spongosphaera polyacantha</i> Müller, 1859b: 32	Living
S	nd	0	1	Sø			<i>Spongosphaera quadricuspis</i> Haeckel, 1887: 283	Living
S		0	1	Su			<i>Spongosphaera rhabdostyla</i> Ehrenberg, 1874b: 256	I. Middle Eocene
S		1	0	Sf	syn		<i>Spongosphaera rhabdostyla</i> Ehrenberg, 1876: 82-83	I. Middle Eocene
S		0	1	Su			<i>Spongosphaera streptacantha</i> Haeckel, 1861b: 840	Living
S		1	0	Sf	syn		<i>Spongosphaera streptacantha</i> Haeckel, 1862: 455	Living
S		1	1	S		T	<i>Spongospira florealis</i> Stöhr, 1880: 120	[e. Late Miocene]
S	nd	0	1	Sø		Td	<i>Spongostaurus cruciatus</i> Haeckel, 1887: 582	[Quaternary]
S		1	1	S		Ts Th	<i>Spongostaurus gracilis</i> Swanberg et al., 1985: 457	Living
S	nd	0	1	Sø			<i>Spongostaurus hastatus</i> Haeckel, 1887: 582	Living
S		1	1	S			<i>Spongostaurus lobus</i> Swanberg et al., 1985: 457	Living
S	nd	0	1	Sø			<i>Spongostaurus quadratus</i> Haeckel, 1887: 582	Living
S	nd	0	1	Sø			<i>Spongostaurus serratus</i> Haeckel, 1887: 582	Living
S	nd	1	1	S			<i>Spongostaurus stewarti</i> Campbell & Clark, 1944: 28	e. Late Miocene
S	nd	0	1	Sø		Td Ti	<i>Spongostylidium streptacanthum</i> Haeckel, 1887: 150	Living
E	nd	0	1	Sø		Td	<i>Spongostylus hastatus</i> Haeckel, 1887: 149	[Quaternary]
S	nd	0	1	Sø			<i>Spongostylus serratus</i> Haeckel, 1887: 150	[Quaternary]
E	nd	0	1	Sø		Td	<i>Spongothamnus furcatus</i> Haeckel, 1887: 274	Living
S	nd	0	1	Sø			<i>Spongothamnus scoparius</i> Haeckel, 1887: 274	Living
S		1	1	S			<i>Spongotripus conicus</i> Chen & Tan, 1996: 259	Holocene
S	nd	0	1	Sø			<i>Spongotripus irregularis</i> Haeckel, 1887: 581	Living
S	nd	0	1	Sø		Td	<i>Spongotripus regularis</i> Haeckel, 1887: 580	Living
S	nd	0	1	Sø			<i>Spongotripus strepsiceros</i> Haeckel, 1887: 581	[Quaternary]
S	nd	0	1	Sø		Td	<i>Spongotripus ypsilon</i> Haeckel, 1887: 581	[Quaternary]
S		1	1	S			<i>Spongotrochus (Spongotrochiscus) kreyenhagenensis</i> Clark & Campbell, 1945: 27	e. Middle Eocene
S		1	1	S			<i>Spongotrochus (Spongotrochiscus) kreyenhagenensis kreyenhagenensis</i> Clark & Campbell, 1945: 27	e. Middle Eocene
S		1	1	S			<i>Spongotrochus (Spongotrochiscus) kreyenhagenensis spinatus</i> Clark & Campbell, 1945: 27	e. Middle Eocene
S		1	1	S			<i>Spongotrochus (Stylospongidium) echinodiscus</i> Clark & Campbell, 1942: 48	e. Middle Eocene
S	nd	0	1	Sø			<i>Spongotrochus antarcticus</i> Dreyer, 1889: 55	[Quaternary]
S		1	1	S			<i>Spongotrochus antoniae</i> O'Connor, 1997b: 103	e. Early Miocene
S	nd	0	1	Sø		Td	<i>Spongotrochus arachnius</i> Haeckel, 1862: 464	Living
S	nd	1	1	S			<i>Spongotrochus berciglii</i> Principi, 1909: 13	Middle Miocene
S		1	1	S			<i>Spongotrochus beringianus</i> Dogiel in Petrushevskaya, 1967: 47	Living
S		0	1	Su			<i>Spongotrochus brevispinus</i> Haeckel, 1861b: 844	Living
S		1	0	Sf	syn	T	<i>Spongotrochus brevispinus</i> Haeckel, 1862: 462	Living
S		1	1	S			<i>Spongotrochus craticulatus</i> Stöhr, 1880: 118	[e. Late Miocene]
S	nd	1	1	S			<i>Spongotrochus? ehrenbergi</i> Bütschli, 1882a: 513	[Eocene]
S		1	1	S			<i>Spongotrochus glacialis</i> Popofsky, 1908: 228	Living
S	nd	0	1	Sø			<i>Spongotrochus heteracanthus</i> Haeckel, 1862: 464	Living
S		0	1	Su			<i>Spongotrochus longispinus</i> Haeckel, 1861b: 844	Living
S		1	0	Sf	syn		<i>Spongotrochus longispinus</i> Haeckel, 1862: 463	Living
S	nd	0	1	Sø			<i>Spongotrochus multispinus</i> Haeckel, 1887: 586	[Quaternary]
S	nd	0	1	Sø			<i>Spongotrochus parma</i> Haeckel, 1887: 587	Living
S		1	1	S			<i>Spongotrochus puter</i> Kozlova, 1999: 95	Middle Paleocene-Early Eocene
S	nd	0	1	Sø		Td	<i>Spongotrochus scutella</i> Haeckel, 1887: 586	Living
S	nd	1	1	S			<i>Spongotrochus vitabilis</i> Goll & Bjørklund, 1989: 730	I. Early Miocene
S		1	1	S		Ts	<i>Spongoxiphus prunococcus</i> Haeckel, 1887: 354	[Quaternary]
S	nd	0	1	Sø			<i>Spongoxiphus sphaerococcus</i> Haeckel, 1887: 353	[Quaternary]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Spongurus (Spongurantha) bilobatus</i> Clark & Campbell, 1942: 36	e. Middle Eocene
S	nd	1	1	S			<i>Spongurus (Spongurantha) crowleysensis</i> Middour in Frizzell & Middour, 1951: 23	Late Paleocene
S	nd	1	1	S			<i>Spongurus (Spongurantha) ovatus</i> Nakaseko, 1955: 90	I. Early Miocene
S		1	1	S			<i>Spongurus (Spongurantha) smithi</i> Campbell & Clark, 1944: 21	e. Late Miocene
S		1	1	S			<i>Spongurus (Spongurantha) spatulaeformis</i> Clark & Campbell, 1942: 36	e. Middle Eocene
S	nd	1	1	S			<i>Spongurus (Spongurus) yatsuoensis</i> Nakaseko, 1955: 90	I. Early Miocene
S		1	1	S			<i>Spongurus biconstrictus</i> Lipman, 1953: 140	Middle Eocene-Late Eocene
S		1	1	S			<i>Spongurus biconstrictus triangulatus</i> Gorbunov, 1979: 113	Middle Eocene
S		1	1	S			<i>Spongurus cauleti</i> Goll & Bjørklund, 1989: 730	e. Late Miocene
S	nd	1	1	S			<i>Spongurus crispus</i> Borisenko, 1960b: 227	Early Eocene-Middle Eocene
S		0	1	Su			<i>Spongurus cylindricus</i> Haeckel, 1861b: 845	Living
S		1	0	Sf	syn	Ts	<i>Spongurus cylindricus</i> Haeckel, 1862: 465	Living
S	nd	1	1	S			<i>Spongurus elongatus</i> Borisenko, 1958: 89	Paleocene
S	nd	1	1	S			<i>Spongurus illepidus</i> Krashennikov, 1960: 283	Early Eocene
S		1	1	S		Ts	<i>Spongurus? irregularis</i> Nishimura, 1992: 327	Middle Paleocene
S		1	1	S		Ts	<i>Spongurus phalanga</i> Haeckel, 1887: 343	[Early Miocene]
S		1	1	S			<i>Spongurus pylomaticus</i> Riedel, 1958: 225	Holocene
S		1	1	S			<i>Spongurus pylomaticus borealis</i> Kruglikova, 1974: 190	Holocene
S	nd	0	1	Sø		Td	<i>Spongurus radians</i> Haeckel, 1887: 345	Living
S		1	1	S			<i>Spongurus saxeus</i> Krashennikov, 1960: 282	Early Eocene
S	nd	0	1	Sø			<i>Spongurus spongechinus</i> Haeckel, 1887: 345	Living
S	nd	0	1	Sø			<i>Spongurus stuparius</i> Haeckel, 1887: 343	[Quaternary]
S	nd	0	1	Sø			<i>Spongurus stypticus</i> Haeckel, 1887: 343	[Quaternary]
S	nd	0	1	Sø			<i>Spongurus tricolus</i> Haeckel, 1887: 344	[Quaternary]
N		1	1	S			<i>Spuroclathrocyclus bianularis</i> Popova, 1989: 73	I. Middle Miocene
N		1	1	S			<i>Spuroclathrocyclus fundatum</i> Popova, 1989: 73	Late Pliocene
N		1	1	S			<i>Spuroclathrocyclus sphaeris</i> Popova, 1989: 73	e. Early Pleistocene
N		1	1	S			<i>Spuroclathrocyclus subtilis</i> Popova, 1989: 74	Middle Miocene
N	nd	1	1	S		Td Ti	<i>Spyridobotrys trinacria</i> Haeckel, 1862: 341	Living
S		1	1	S			<i>Stauracontium (Stauracontellium) yatsuoense</i> Nakaseko, 1955: 82	I. Early Miocene
S		1	1	S			<i>Stauracontium agdaraensis</i> Mamedov, 1969a: 23	Late Eocene
S	nd	0	1	Sø		Td	<i>Stauracontium antarcticum</i> Haeckel, 1887: 165	Living
S		1	1	S			<i>Stauracontium cameranii</i> Carnevale, 1908: 15	e. Middle Miocene
S	nd	0	1	Sø		Td	<i>Stauracontium cruciferum</i> Haeckel, 1887: 164	[Early Miocene]
S		1	1	S			<i>Stauracontium hirtum</i> Kozlova in Kozlova & Gorbovetz, 1966: 56	Late Eocene
S		1	1	S			<i>Stauracontium mutinense</i> Vinassa de Regny, 1900: 570	I. Early Miocene
S	nd	0	1	Sø			<i>Stauracontium papillosum</i> Haeckel, 1887: 165	[Quaternary]
S	nd	0	1	Sø		Td	<i>Stauracontium setosum</i> Haeckel, 1887: 165	[Quaternary]
S	nd	0	1	Sø			<i>Stauracontium sparganium</i> Haeckel, 1887: 165	Living
S	nd	0	1	Sø		Td	<i>Stauractura medusina</i> Haeckel, 1887: 478	[Early Miocene]
S	nd	0	1	Sø		Td	<i>Stauractura octogona</i> Haeckel, 1887: 478	[Quaternary]
S	nd	0	1	Sø			<i>Stauractura quadrata</i> Haeckel, 1887: 478	Living
S	nd	0	1	Sø			<i>Stauractura tetragona</i> Haeckel, 1887: 478	[Quaternary]
S		1	1	S			<i>Stauralastrum antiquum</i> Haeckel, 1887: 541	Living
S	nd	0	1	Sø			<i>Stauralastrum clavigerum</i> Haeckel, 1887: 541	Early Miocene
S	nd	1	1	S		Td	<i>Stauralastrum cruciforme</i> Haeckel, 1887: 540	Living
S	nd	0	1	Sø			<i>Stauralastrum dilatatum</i> Haeckel, 1887: 541	Living
S	nd	0	1	Sø			<i>Stauralastrum horridum</i> Haeckel, 1887: 542	Living
S	nd	0	1	Sø			<i>Stauralastrum lanceolatum</i> Haeckel, 1887: 540	Living
S	nd	0	1	Sø			<i>Stauralastrum ordo</i> Haeckel, 1887: 540	[Quaternary]
S		1	1	S		Ts	<i>Stauralastrum rhopalophorum</i> Haeckel, 1887: 541	[Quaternary]
S	nd	0	1	Sø			<i>Stauralastrum staurolonche</i> Haeckel, 1887: 542	Living
S		1	1	S			<i>Stauralastrum trispinosum</i> Carter, 1896f: 241	Late Eocene
S		1	1	S			<i>Staurancistra elegans</i> Vinassa de Regny, 1900: 569	I. Early Miocene
S	nd	0	1	Sø		Td	<i>Staurancistra quadricuspis</i> Haeckel, 1887: 162	Living
S		1	1	S		T	<i>Staurocaryum arborescens</i> Haeckel, 1887: 167	[Miocene]
S		1	1	S			<i>Staurococcura clavigera</i> Carter, 1896e: 164	[Late Eocene]
S		1	1	S			<i>Staurococcura cuneata</i> Sutton, 1896d: 162	[Late Eocene]
S		1	1	S			<i>Staurococcura loculata</i> Sutton, 1896d: 161	[Late Eocene]
S		1	1	S		Ts	<i>Staurococcura quarternaria</i> Carter, 1896c: 96	[Late Eocene]
S	nd	1	1	S			<i>Staurocromyrum densum</i> Kozlova in Kozlova & Gorbovetz, 1966: 57	Late Eocene
S	nd	0	1	Sø			<i>Staurocromyrum quadrispinum</i> Haeckel, 1887: 166	[Quaternary]
S	nd	0	1	Sø		Td	<i>Staurocromyrum quadruplex</i> Haeckel, 1887: 166	[Quaternary]
S		1	1	S		T	<i>Staurocyclia cruciata</i> Haeckel, 1887: 465	[Quaternary]
S		1	1	S		Ts	<i>Staurocyclia magniducis</i> Haeckel, 1887: 466	Living
S		1	1	S			<i>Staurocyclia phacostaurus</i> Haeckel, 1887: 465	[Quaternary]
S	nd	1	1	S			<i>Staurocyclia serrata</i> Haeckel, 1887: 465	Eocene-Oligocene
S		1	1	S			<i>Staurodictya (Staurodictyon) costata</i> Clark & Campbell, 1942: 44	e. Middle Eocene
S		1	1	S			<i>Staurodictya (Staurodictyon) targaeformis</i> Clark & Campbell, 1942: 43	e. Middle Eocene
S		1	1	S			<i>Staurodictya (Staurospira) bipolaris</i> Clark & Campbell, 1942: 44	e. Middle Eocene



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	1	S			<i>Staurodictya ciliata</i> Haeckel, 1887: 506	[Living]
S		1	1	S		T	<i>Staurodictya cruciata</i> Haeckel, 1887: 507	[Quaternary]
S		1	1	S			<i>Staurodictya? densa</i> Kozlova in Kozlova & Gorbovetz, 1966: 79	Late Eocene
S		1	1	S			<i>Staurodictya elegans</i> Haeckel, 1887: 507	[Living]
S	nd	1	1	S			<i>Staurodictya grandis</i> Haeckel, 1887: 508	[Quaternary]
S		1	1	S		Ts	<i>Staurodictya medusa</i> Haeckel, 1887: 506	[Quaternary]
S		1	1	S		T	<i>Staurodictya quartus</i> Borisenko, 1958: 96	Late Paleocene
S		1	1	S		Ts Th	<i>Staurodiscus primus</i> Krasheninnikov, 1960: 289	Early Eocene
S	nd	1	1	S			<i>Staurodoras eocenica</i> Clark & Campbell, 1942: 30	e. Middle Eocene
S	nd	1	1	S			<i>Staurodoras? muelleri</i> Middour in Frizzell & Middour, 1951: 18	Late Paleocene
S	nd	0	1	Sø			<i>Staurodoras spongospaera</i> Haeckel, 1887: 168	Living
S	nd	1	1	S			<i>Staurolonche (Staurolonchantha) aculeata</i> Campbell & Clark, 1944: 13	e. Late Miocene
S	nd	1	1	S			<i>Staurolonche (Staurolonchella) pachyxyphos</i> Clark & Campbell, 1945: 15	e. Middle Eocene
S		1	1	S			<i>Staurolonche (Staurolonchella) tetraxyphos</i> Clark & Campbell, 1945: 14	e. Middle Eocene
S		1	1	S			<i>Staurolonche (Staurolonchella) tetraxyphos polyxyphophora</i> Clark & Campbell, 1945: 15	e. Middle Eocen
S		1	1	S			<i>Staurolonche (Staurolonchella) tetraxyphos tetraxyphos</i> Clark & Campbell, 1945: 14	e. Middle Eocen
S	nd	1	1	S			<i>Staurolonche (Staurolonchella) tetraxyphos trixyphos</i> Clark & Campbell, 1945: 15e.	15e. Middle Eocene
S	nd	0	1	Sø			<i>Staurolonche brunonis</i> Haeckel, 1887: 159	[Early Miocene]
S	nd	1	1	S			<i>Staurolonche capellinii</i> Principi, 1909: 8	Middle Miocene
S	nd	0	1	Sø		Td	<i>Staurolonche epicuri</i> Haeckel, 1887: 161	Quaternary
S	nd	0	1	Sø			<i>Staurolonche feuerbachii</i> Haeckel, 1887: 160	Living
S	nd	0	1	Sø			<i>Staurolonche gassendi</i> Haeckel, 1887: 161	Quaternary
S	nd	0	1	Sø		Td	<i>Staurolonche holbachi</i> Haeckel, 1887: 160	Quaternary
S	nd	0	1	Sø			<i>Staurolonche lucretii</i> Haeckel, 1887: 161	[Quaternary]
S	nd	0	1	Sø			<i>Staurolonche moleschottii</i> Haeckel, 1887: 160	[Early Miocene]
S	nd	1	1	S			<i>Staurolonche pertusa</i> Haeckel, 1887: 159	Living
S	nd	1	1	S			<i>Staurolonche rara</i> Carnevale, 1908: 15	e. Middle Miocene
S	nd	0	1	Sø			<i>Staurolonche spinozae</i> Haeckel, 1887: 159	Living
S	nd	0	1	Sø		Td	<i>Staurolonche straussi</i> Haeckel, 1887: 160	[Quaternary]
S	nd	1	1	S			<i>Staurolonche? ifidelia</i> Borisenko, 1959: 36	Late Eocene
S	nd	0	1	Sø			<i>Staurolonchidium artioscelides</i> Haeckel, 1887: 162	Living
S	nd	0	1	Sø			<i>Staurosphaera andreae</i> Haeckel, 1887: 154	[Quaternary]
S	nd	0	1	Sø			<i>Staurosphaera apostolorum</i> Haeckel, 1887: 155	[Eocene]
S	nd	0	1	Sø		Td	<i>Staurosphaera bartholomaei</i> Haeckel, 1887: 156	[Quaternary]
S	nd	1	1	S			<i>Staurosphaera canavarii</i> Principi, 1909: 8	Middle Miocene
S	nd	0	1	Sø			<i>Staurosphaera christiana</i> Haeckel, 1887: 153	[Early Miocene]
S	nd	0	1	Sø		Td	<i>Staurosphaera cruciata</i> Haeckel, 1887: 153	Living
S	nd	0	1	Sø			<i>Staurosphaera jacobi</i> Haeckel, 1887: 154	Living
S	nd	0	1	Sø			<i>Staurosphaera johannis</i> Haeckel, 1887: 153	[Quaternary]
S	nd	0	1	Sø			<i>Staurosphaera judae</i> Haeckel, 1887: 155	[Quaternary]
S	nd	0	1	Sø			<i>Staurosphaera matthaei</i> Haeckel, 1887: 156	[Quaternary]
S	nd	1	1	S			<i>Staurosphaera miocaenica</i> Vinassa de Regny, 1900: 569	I. Early Miocene
S	nd	0	1	Sø			<i>Staurosphaera pauli</i> Haeckel, 1887: 153	[Quaternary]
S	nd	0	1	Sø			<i>Staurosphaera petri</i> Haeckel, 1887: 153	Living
S		1	1	S		T	<i>Staurosphaera philippi</i> Haeckel, 1887: 154	Living
S		1	1	S			<i>Staurosphaera simonis</i> Haeckel, 1887: 154	I. Middle Eocene
S	nd	0	1	Sø			<i>Staurosphaera thaddae</i> Haeckel, 1887: 156	Living
S	nd	0	1	Sø			<i>Staurosphaera thomae</i> Haeckel, 1887: 155	Living
S	nd	0	1	Sø			<i>Staurostylus germanicus</i> Haeckel, 1887: 157	[Quaternary]
S	nd	0	1	Sø		Td	<i>Staurostylus graecus</i> Haeckel, 1887: 156	[Quaternary]
S	nd	0	1	Sø			<i>Staurostylus latinus</i> Haeckel, 1887: 157	Quaternary
S	nd	0	1	Sø			<i>Staurotholonium alternatum</i> Haeckel, 1887: 675	Living
S	nd	0	1	Sø			<i>Staurotholonium bicruciatum</i> Haeckel, 1887: 675	Living
S	nd	0	1	Sø		Td	<i>Staurotholonium biquadratum</i> Haeckel, 1887: 675	[Quaternary]
S	nd	0	1	Sø			<i>Staurotholonium lenticulare</i> Haeckel, 1887: 676	Living
S	nd	0	1	Sø			<i>Staurotholonium octodoratum</i> Haeckel, 1887: 676	Living
S		1	1	S		Ts	<i>Staurotholonium octodoronium</i> Haeckel, 1887: 676	Living
S	nd	0	1	Sø			<i>Staurotholus cruciatus</i> Haeckel, 1887: 673	Living
S	nd	0	1	Sø			<i>Staurotholus decastylus</i> Haeckel, 1887: 674	Living
S		1	1	S			<i>Staurotholus dodecastylus</i> Haeckel, 1887: 674	Living
S	nd	0	1	Sø			<i>Staurotholus octostylus</i> Haeckel, 1887: 674	[Quaternary]
S	nd	0	1	Sø			<i>Staurotholus polystylus</i> Haeckel, 1887: 674	Living
S	nd	0	1	Sø		Td	<i>Staurotholus quadratus</i> Haeckel, 1887: 673	[Quaternary]
S		1	1	S		Ts	<i>Staurotholus tetrastylus</i> Haeckel, 1887: 673	Living
S	nd	1	1	S			<i>Stauroxiphos communis</i> Carnevale, 1908: 15	e. Middle Miocene
S		1	1	S		T	<i>Stauroxiphos gladius</i> Haeckel, 1887: 163	[Quaternary]
S	nd	1	1	S			<i>Stauroxiphos sexradiatus</i> Lucchese, 1927: 86	e. Middle Miocene
N		1	1	S			<i>Steganocubus incrassatus</i> Funakawa, 1995a: 30	Early Miocene
N		1	1	S			<i>Steganocubus irregularis</i> Funakawa, 1995a: 31	Late Oligocene
N		1	1	S			<i>Steganocubus lipus</i> Sugiyama, 1993: 58	e. Middle Miocene



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S		T	<i>Steganoecubus subtilis</i> Sugiyama, 1993: 56	I. Early Miocene
S		1	1	S			<i>Stephanastrum capitatum</i> Haeckel, 1887: 549	[Quaternary]
S		1	1	S		Ts	<i>Stephanastrum quadratum</i> Haeckel, 1887: 549	[Early Miocene]
S		1	1	S		T	<i>Stephanastrum rhombus</i> Ehrenberg, 1847: 55	I. Middle Eocene
N	nd	0	1	Sø			<i>Stephaniscus medusinus</i> Haeckel, 1887: 966	[Quaternary]
N	nd	1	1	S		Td	<i>Stephaniscus quadrifurcus</i> Haeckel, 1887: 965	[Quaternary]
N	nd	1	1	S			<i>Stephaniscus quadrigatus</i> Haeckel, 1887: 965	Living
N	nd	0	1	Sø			<i>Stephaniscus tetrapodius</i> Haeckel, 1887: 965	[Quaternary]
N		1	1	S		Ts	<i>Stephanium quadrupes</i> Haeckel, 1887: 952	[Quaternary]
N	nd	0	1	Sø			<i>Stephanium tetrapus</i> Haeckel, 1887: 952	[Quaternary]
N	nd	1	1	S			<i>Stephanolithis haeckeli</i> Bütschli, 1882b: 499	[Eocene]
N	nd	1	1	S			<i>Stephanolithis muelleri</i> Bütschli, 1882b: 499	[Eocene]
W	nn	1	0	S			<i>Stephanolithis nodosa</i> Ehrenberg, 1854d	[Tertiary]
N	nd	1	0	Sf		Td	<i>Stephanolithis spinescens</i> Ehrenberg, 1854d	[Tertiary]
N	nd	0	1	Sd	syn		<i>Semantis spinescens</i> Haeckel, 1887: 958	Eocene
N		1	1	S		Ts Th	<i>Stephanospyris cordata</i> Haeckel, 1887: 1042	[Quaternary]
N		1	1	S			<i>Stephanospyris excellens</i> Haeckel, 1887: 1043	[Early Miocene]
N		1	1	S			<i>Stephanospyris verticillata</i> Haeckel, 1887: 1043	[Quaternary]
N	nn	0	0	Sp	pre		<i>Stichocampe bironec</i> Renz, 1974: 797	
N		1	1	S			<i>Stichocampe bironec</i> Renz, 1976: 124	e. Early Pleistocene
N	nd	0	1	Sø			<i>Stichocampe convergens</i> Haeckel, 1887: 1444	[Quaternary]
N	nd	0	1	Sø		Td	<i>Stichocampe divergens</i> Haeckel, 1887: 1444	[Quaternary]
N		1	1	S			<i>Stichocampe? magnacornus</i> Nishimura, 1992: 354	Middle Paleocene
N		1	1	S			<i>Stichocapsa brevicauda</i> Principi, 1909: 20	Middle Miocene
N		1	1	S			<i>Stichocapsa compacta</i> Haeckel, 1887: 1517	[Eocene]
N	nd	0	1	Sø			<i>Stichocapsa cylindrica</i> Haeckel, 1887: 1518	[Quaternary]
N	nd	1	1	S			<i>Stichocapsa cylindroides</i> Principi, 1909: 21	Middle Miocene
N		1	1	S			<i>Stichocapsa elongata</i> Vinassa de Regny, 1900: 590	I. Early Miocene
N		1	1	S			<i>Stichocapsa hexacola</i> Haeckel, 1887: 1517	[Quaternary]
N		1	1	S			<i>Stichocapsa hexagona</i> Vinassa de Regny, 1900: 590	I. Early Miocene
N		1	1	S			<i>Stichocapsa hirta</i> Vinassa de Regny, 1900: 591	I. Early Miocene
N		1	1	S			<i>Stichocapsa laevigata</i> Vinassa de Regny, 1900: 590	I. Early Miocene
N		1	1	S			<i>Stichocapsa longicauda</i> Vinassa de Regny, 1900: 591	I. Early Miocene
N		1	1	S			<i>Stichocapsa macropora</i> Vinassa de Regny, 1900: 591	I. Early Miocene
N	nd	1	1	S			<i>Stichocapsa monstrosa</i> Haeckel, 1887: 1517	[Quaternary]
N		1	1	S			<i>Stichocapsa paniscus</i> Haeckel, 1887: 1518	[Quaternary]
N	nd	1	1	S			<i>Stichocapsa pentacola</i> Haeckel, 1887: 1517	[Quaternary]
N	nd	0	1	Sø			<i>Stichocapsa pyriformis</i> Haeckel, 1887: 1516	[Eocene]
N	nd	1	1	S			<i>Stichocapsa quadrigata</i> Haeckel, 1887: 1515	[Quaternary]
N		1	1	S			<i>Stichocapsa strangulata</i> Vinassa de Regny, 1900: 591	I. Early Miocene
N	nd	0	1	Sø			<i>Stichocapsa subglobosa</i> Haeckel, 1887: 1516	[Quaternary]
N	nd	1	1	S			<i>Stichocapsa tetracola</i> Haeckel, 1887: 1515	[Quaternary]
N	nd	1	1	S			<i>Stichocapsa tricincta</i> Haeckel, 1887: 1516	[Early Miocene]
N	nd	1	1	S			<i>Stichocorys aemiliana</i> Principi, 1909: 17	Middle Miocene
N		1	1	S			<i>Stichocorys baeri</i> Haeckel, 1887: 1479	[Quaternary]
N	nd	1	1	S			<i>Stichocorys bonarellii</i> Principi, 1909: 17	Middle Miocene
N		1	1	S			<i>Stichocorys huschkei</i> Haeckel, 1887: 1480	[Quaternary]
N		1	1	S			<i>Stichocorys johnsoni</i> Caulet, 1986a: 851	I. Late Miocene
N		1	1	S		Ts	<i>Stichocorys latus</i> Tochilina, 2008: 6463	Pliocene
N		1	1	S			<i>Stichocorys martellii</i> Principi, 1909: 16	Middle Miocene
N	nd	0	1	Sø			<i>Stichocorys muelleri</i> Haeckel, 1887: 1480	[Early Miocene]
N		1	1	S			<i>Stichocorys multipora</i> Vinassa de Regny, 1900: 585	I. Early Miocene
N		1	1	S			<i>Stichocorys negripontensis</i> O'Connor, 1997a: 80	Late Oligocene
N		1	1	S			<i>Stichocorys neodelmontensis</i> Tochilina et al., 1988: 25	Early Pliocene
N		1	1	S			<i>Stichocorys okenii</i> Haeckel, 1887: 1480	[Quaternary]
N		1	1	S			<i>Stichocorys panderi</i> Haeckel, 1887: 1479	[Quaternary]
N	nd	0	1	Sø			<i>Stichocorys rathkei</i> Haeckel, 1887: 1480	[Quaternary]
N		1	1	S			<i>Stichocorys saccoi</i> Vinassa de Regny, 1900: 585	I. Early Miocene
N		1	1	S			<i>Stichocorys seriata</i> Jørgensen, 1905: 140	Living
N		1	1	S		T	<i>Stichocorys wolffi</i> Haeckel, 1887: 1479	[Quaternary]
W		1	1	S			<i>Sticholonche ventricosa</i> Meunier, 1910: 204	Living
W		1	1	S		Te	<i>Sticholonche zanclea</i> Hertwig, 1877: 324-331	Living
N		1	1	S			<i>Stichomitra wero</i> Hollis, 1993: 320	Paleocene
N	nd	0	1	Sø			<i>Stichopera clavata</i> Haeckel, 1887: 1449	[Quaternary]
N	nd	0	1	Sø			<i>Stichopera lagena</i> Haeckel, 1887: 1448	[Quaternary]
N	nd	0	1	Sø		Td	<i>Stichopera ovata</i> Haeckel, 1887: 1448	[Quaternary]
N		1	1	S		Ts	<i>Stichopera pectinata</i> Haeckel, 1887: 1449	[Quaternary]
N		1	1	S			<i>Stichopera ponderosa</i> Kozlova in Kozlova & Gorbovetz, 1966: 114	Late Eocene
N	nd	0	1	Sø			<i>Stichopera serrata</i> Haeckel, 1887: 1448	[Quaternary]
N	nd	0	1	Sø			<i>Stichopera verticillata</i> Haeckel, 1887: 1449	[Quaternary]

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	0	1	Sø			<i>Stichophaena darwiniana</i> Haeckel, 1887: 1465	[Quaternary]
N	nd	0	1	Sø			<i>Stichophaena goetheana</i> Haeckel, 1887: 1466	[Quaternary]
N		1	1	S		Ts	<i>Stichophaena nonaria</i> Haeckel, 1887: 1466	[Quaternary]
N		1	1	S			<i>Stichophaena novena</i> Haeckel, 1887: 1466	[Quaternary]
N		1	1	S		T Ti	<i>Stichophaena ritteriana</i> Haeckel, 1887: 1465	[Quaternary]
N		1	1	S			<i>Stichophormis? cheni</i> Renaudie & Lazarus, 2012: 46	I. Early Miocene-e. Middle Miocene
N		1	1	S		Ts	<i>Stichophormis cornutella</i> Haeckel, 1887: 1455	[Quaternary]
N	nd	0	1	Sø			<i>Stichophormis lucerna</i> Haeckel, 1887: 1455	[Quaternary]
N		1	1	S		Ts	<i>Stichophormis novena</i> Haeckel, 1887: 1455	[Quaternary]
N	nd	0	1	Sø			<i>Stichophormis pyramidalis</i> Haeckel, 1887: 1454	[Quaternary]
N	nd hom	0	1	Sø			<i>Stichophormis radiata</i> Haeckel, 1887: 1456	[Quaternary]
N	nd	1	1	S			<i>Stichopilium (Stichopilidium?) cunninghami</i> Middour in Frizzell & Middour, 1951: 32	Late Paleocene
N		1	1	S			<i>Stichopilium annulatum</i> Popofsky, 1913: 403	Living
N		1	1	S			<i>Stichopilium anacor</i> Renz, 1976: 124	Living
N		1	1	S		T	<i>Stichopilium bicornae</i> Haeckel, 1887: 1437	[Quaternary]
N		1	1	S			<i>Stichopilium campanulatum</i> Haeckel, 1887: 1438	[Quaternary]
N	nd	0	1	Sø			<i>Stichopilium cortina</i> Haeckel, 1887: 1437	[Quaternary]
N	nd	0	1	Sø			<i>Stichopilium costatum</i> Haeckel, 1887: 1437	[Quaternary]
N		1	1	S		T	<i>Stichopilium macropterum</i> Haeckel, 1887: 1438	[Quaternary]
N		1	1	S			<i>Stichopilium obliquum</i> Tan & Su, 1982: 180	Holocene
N	nd	0	1	Sø			<i>Stichopilium pectinatum</i> Haeckel, 1887: 1439	[Quaternary]
N		1	1	S			<i>Stichopilium rapaeformis</i> Popofsky, 1913: 404	Living
N	nd	0	1	Sø			<i>Stichopilium thoracopterum</i> Haeckel, 1887: 1439	[Quaternary]
N	nd	0	1	Sø			<i>Stichopilium triserratum</i> Haeckel, 1887: 1438	[Quaternary]
N		1	1	S			<i>Stichopilium uncinatum</i> Brandt in Wetzel, 1936: 58	Late Eocene
N		1	1	S			<i>Stichopilium variabile davisianoides</i> Petrushevskaya, 1967: 118	Pleistocene-Holocene
N		1	1	S			<i>Stichopilium variabile spinosum</i> Petrushevskaya, 1967: 120	Pleistocene-Holocene
N		1	1	S			<i>Stichopilium? variabilis</i> Popofsky, 1908: 290	Living
N		1	1	S		Ts	<i>Stichopodium dictyopodium</i> Haeckel, 1887: 1447	[Quaternary]
N		1	1	S			<i>Stichopodium martellii conicum</i> Petrushevskaya & Kozlova, 1972: 548	e. Middle Miocene
N	nd	0	1	Sø			<i>Stichopterium dictyopodium</i> Haeckel, 1887: 1445	Living
N	nd	0	1	Sø		Td	<i>Stichopterium pterocanium</i> Haeckel, 1887: 1445	Living
N	nd	0	1	Sø			<i>Stichopterium virgineum</i> Haeckel, 1887: 1445	Living
E	nd	0	1	Sø		Td	<i>Stigmosphaera actinocentra</i> Haeckel, 1887: 68	Living
E		1	1	S			<i>Stigmosphaera cruciata</i> Hollande & Enjumet, 1960: 90	Living
E		1	1	S		T	<i>Stigmosphaera horrida</i> Hollande & Enjumet, 1960: 90	Living
E		1	1	S		T	<i>Stigmostylus ferrusae</i> Hollande & Enjumet, 1960: 90	Living
S	nd	0	1	Sø			<i>Stomatodiscus amphistomus</i> Haeckel, 1887: 502	Living
S	nd	1	1	S			<i>Stomatodiscus missouriensis</i> Middour in Frizzell & Middour, 1951: 25	Late Paleocene
S	nd	1	1	S			<i>Stomatodiscus newportensis</i> Campbell & Clark, 1944: 25	e. Late Miocene
S		1	1	S		Ts	<i>Stomatodiscus oculatus</i> Haeckel, 1887: 503	[Quaternary]
S	nd	1	1	S			<i>Stomatodiscus portersensis</i> Middour in Frizzell & Middour, 1951: 25	Late Paleocene
S		1	1	S			<i>Stomatodiscus spiralis</i> Dreyer, 1889: 38	[Quaternary]
S	nd	1	1	S		Td	<i>Stomatospaera amphistoma</i> Dreyer, 1889: 26	[Quaternary]
S		1	1	S		T	<i>Stomatospaera dinoceras</i> Dreyer, 1889: 26	[Quaternary]
S	nd	0	1	Sø			<i>Streblacantha calcarina</i> Haeckel, 1887: 706	Living
S		1	1	S			<i>Streblacantha globolata</i> Chen <i>et al.</i> , 2017: 275	Late Pleistocene
S	nd	0	1	Sø			<i>Streblacantha hastigerina</i> Haeckel, 1887: 707	Living
S	nd	1	1	S			<i>Streblacantha? intricata</i> Kozlova, 1983: 92	Early Paleocene
S		1	1	S		T	<i>Streblacantha siderolina</i> Haeckel, 1887: 706	[Quaternary]
S	nd	0	1	Sø			<i>Streblonia bulimina</i> Haeckel, 1887: 705	Early Miocene
S	nd	0	1	Sø		Td	<i>Streblonia globigerina</i> Haeckel, 1887: 704	[Quaternary]
S	nd	0	1	Sø			<i>Streblonia planorbulina</i> Haeckel, 1887: 705	Living
S	nd	0	1	Sø			<i>Streblonia polymorphina</i> Haeckel, 1887: 705	Living
S	nd	0	1	Sø			<i>Streblonia pulvinulina</i> Haeckel, 1887: 706	[Quaternary]
S	nd	0	1	Sø			<i>Streblonia rosalina</i> Haeckel, 1887: 705	Living
S	nd	0	1	Sø			<i>Streblonia uvigerina</i> Haeckel, 1887: 704	Living
S		1	1	S		Ts	<i>Streblopyle helicina</i> Haeckel, 1887: 707	[Quaternary]
S	nd	0	1	Sø			<i>Streblopyle spirulina</i> Haeckel, 1887: 707	[Quaternary]
S		1	1	S		T	<i>Stuermeria hollandei</i> Deflandre, 1964	e. Middle Eocene
E		1	1	S		Ts	<i>Stylocentarium bispiculum</i> Popofsky, 1912: 91	Living
E		1	1	S			<i>Stylocentarium octatignum</i> Tan & Su, 1982: 145	Holocene
E		1	1	S			<i>Stylocentarium pachydermum</i> Chen <i>et al.</i> , 2017: 274	Early Pleistocene
S		1	1	S			<i>Stylactis guembeli</i> Stöhr, 1880: 112	[e. Late Miocene]
S		0	1	Su			<i>Stylactis pacifica</i> Ehrenberg, 1873a: 319	Holocene
S		1	0	Sf	syn	Ts Th	<i>Stylactis pacifica</i> Ehrenberg, 1873b: 298-299	Holocene
S		0	1	Su			<i>Stylactis triangulum</i> Ehrenberg, 1873a: 320	Holocene
S		1	0	Sf	syn		<i>Stylactis triangulum</i> Ehrenberg, 1873b: 298-299	Holocene
S		1	1	S			<i>Stylactis zitteli</i> Stöhr, 1880: 112	[e. Late Miocene]
S	nd	0	1	Sø			<i>Stylartus bicuspis</i> Haeckel, 1887: 357	[Quaternary]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	1	1	S		Td	<i>Stylartus bipolaris</i> Haeckel, 1887: 357	[Quaternary]
S	nd	0	1	Sø		Td	<i>Stylartus palatus</i> Haeckel, 1887: 358	Living
S	nd	0	1	Sø			<i>Stylartus penicillus</i> Haeckel, 1887: 358	Living
S		1	1	S			<i>Stylatractus compactus</i> Haeckel, 1887: 329	[Quaternary]
S	nd	0	1	Sø			<i>Stylatractus disetanius</i> Haeckel, 1887: 331	Living
S	nd	0	1	Sø			<i>Stylatractus fusiformis</i> Haeckel, 1887: 329	[Quaternary]
S		1	1	S		Ts	<i>Stylatractus giganteus</i> Haeckel, 1887: 329	[Quaternary]
S		1	1	S		Ts	<i>Stylatractus neptunus</i> Haeckel, 1887: 328	[Quaternary]
S		1	1	S			<i>Stylatractus nerinus</i> Fauth & Lemos, 2001: 268	Late Pleistocene-Living
S	nd	0	1	Sø		Td	<i>Stylatractus papillosus</i> Haeckel, 1887: 331	Living
E		1	1	S			<i>Stylatractus pictus</i> Mamedov, 1969b: 99	Middle Eocene
S		1	1	S		T	<i>Stylatractus sethoporos</i> Haeckel, 1887: 330	[Quaternary]
S		1	1	S			<i>Stylatractus univertus</i> Hays, 1970: 215	Late Pliocene
S	nd	0	1	Sø			<i>Stylatractus variabilis</i> Haeckel, 1887: 330	[Quaternary]
N	nd	1	1	S		Td	<i>Stylocapsa exagonata</i> Principi, 1909: 20	Middle Miocene
S		1	1	S		Ts	<i>Stylochlamydidium asteriscus</i> Haeckel, 1887: 514	[Quaternary]
S		1	1	S			<i>Stylochlamydidium bensoni</i> Kamikuri, 2010: 95	Late Miocene-Early Pleistocene
S		1	1	S		Ts	<i>Stylochlamydidium perispirale</i> Haeckel, 1887: 515	e. Middle Miocene
S	nd	0	1	Sø			<i>Stylocromyrum amphiconus</i> Haeckel, 1887: 147	[Quaternary]
S	nd	0	1	Sø		Td	<i>Stylocromyrum amphipyramis</i> Haeckel, 1887: 147	[Quaternary]
S	nd	0	1	Sø			<i>Stylocyclia amphacantha</i> Haeckel, 1887: 463	Living
S		0	1	Su			<i>Stylocyclia arachnia</i> Müller, 1856: 492	Living
S		1	0	Sf	syn	Ts	<i>Stylocyclia arachnia</i> Müller, 1859b: 41	Living
S		0	1	Su			<i>Stylocyclia dimidiata</i> Ehrenberg, 1874b: 257	l. Middle Eocene
S		1	0	Sf	syn		<i>Stylocyclia dimidiata</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
S	nd	1	1	S			<i>Stylocyclia excavata</i> Haeckel, 1887: 463	Eocene-Oligocene
S		1	1	S			<i>Stylocyclia prionacantha</i> Haeckel, 1887: 462	[Quaternary]
S		1	1	S			<i>Stylodictya (Stylodictyon) camerina</i> Campbell & Clark, 1944: 26	e. Late Miocene
S		1	1	S			<i>Stylodictya (Stylodictyon) helizoides</i> Campbell & Clark, 1944: 25	e. Late Miocene
S		1	1	S			<i>Stylodictya (Stylodictyon) inaequalispina</i> Clark & Campbell, 1942: 45	e. Middle Eocene
S		1	1	S			<i>Stylodictya (Stylodictyon) minima</i> Clark & Campbell, 1942: 45	e. Middle Eocene
S		1	1	S			<i>Stylodictya (Stylodictyon) multilavata</i> Clark & Campbell, 1945: 24	e. Middle Eocene
S		1	1	S			<i>Stylodictya (Stylodictyon) ornata</i> Campbell & Clark, 1944: 26	e. Late Miocene
S		1	1	S		T	<i>Stylodictya (Stylodictyon) sexispinata</i> Clark & Campbell, 1942: 45	e. Middle Eocene
S		1	1	S			<i>Stylodictya (Stylospira) cornuspira</i> Campbell & Clark, 1944: 27	e. Late Miocene
S		1	1	S			<i>Stylodictya aculeata</i> Jørgensen, 1905: 119	Living
S	nd	1	1	S			<i>Stylodictya armata</i> Dreyer, 1890: 12	e. Middle Miocene
S	nd	0	1	Sø			<i>Stylodictya aspera</i> Jørgensen, 1900: 62	Living
S		1	1	S			<i>Stylodictya biporata</i> Vinassa de Regny, 1900: 576	l. Early Miocene
S		1	1	S			<i>Stylodictya biporata</i> var. <i>laevigata</i> Lucchese, 1927: 100	e. Middle Miocene
S		1	1	S			<i>Stylodictya biporata</i> var. <i>polythalmica</i> Lucchese, 1927: 100	e. Middle Miocene
S		1	1	S			<i>Stylodictya bispiralis</i> Ehrenberg, 1876: 84, 160	l. Middle Eocene
S		1	1	S			<i>Stylodictya centrospira</i> Haeckel, 1887: 512	Living
S	nd	1	1	S			<i>Stylodictya ciccioni</i> Principi, 1909: 13	Middle Miocene
S		1	1	S			<i>Stylodictya circularia</i> Lipman, 1980: 123	Middle Eocene
S		0	1	Su			<i>Stylodictya clavata</i> Ehrenberg, 1874b: 257	l. Middle Eocene
S		1	0	Sf	syn		<i>Stylodictya clavata</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
S		1	1	S			<i>Stylodictya composita</i> Kozlova in Kozlova & Gorbovetz, 1966: 80	Late Eocene
S	nd	1	1	S			<i>Stylodictya? crassa</i> Borisenko, 1960a: 205	Late Paleocene
S		0	1	Su			<i>Stylodictya echinastrum</i> Ehrenberg, 1874b: 257	l. Middle Eocene
S		1	0	Sf	syn		<i>Stylodictya echinastrum</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
S	nd	1	1	S			<i>Stylodictya elliptica</i> Vinassa de Regny, 1900: 576	l. Early Miocene
S		1	1	S			<i>Stylodictya forbesi</i> Ehrenberg, 1876: 84-85, 160	Late Eocene
S		1	0	S		T	<i>Stylodictya gracilis</i> Ehrenberg, 1854d	l. Middle Eocene
S		0	1	Su			<i>Stylodictya hastata</i> Ehrenberg, 1874b: 257	Early Oligocene
S		1	0	Sf	syn		<i>Stylodictya hastata</i> Ehrenberg, 1876: 84-85	Early Oligocene
S		1	1	S			<i>Stylodictya heliospira</i> Haeckel, 1887: 512	[Quaternary]
S	nd	0	1	Sø			<i>Stylodictya hertwigi</i> Haeckel, 1887: 513	Living
S		1	1	S			<i>Stylodictya laevigata</i> Lucchese, 1927: 101	e. Middle Miocene
S		1	1	S			<i>Stylodictya lasiacantha</i> Tan & Tchang, 1976: 306	Living
S		1	1	S			<i>Stylodictya magnifica</i> Lipman, 1950: 60	Late Eocene
S		0	1	Su			<i>Stylodictya multispina</i> Haeckel, 1861b: 842	Living
S		1	0	Sf	syn		<i>Stylodictya multispina</i> Haeckel, 1862: 496	Living
S		0	1	Su			<i>Stylodictya ocellata</i> Ehrenberg, 1874b: 258	l. Middle Eocene
S		1	0	Sf	syn	Ts	<i>Stylodictya ocellata</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
S	nd	0	1	Sø			<i>Stylodictya octogonia</i> Haeckel, 1887: 511	Living
S		1	1	S			<i>Stylodictya octoradiata</i> Lucchese, 1927: 100	e. Middle Miocene
S	nn	0	0	Sø			<i>Stylodictya? paradoxa</i> Ehrenberg, 1854a: table	e. Middle Miocene
S	nd	1	1	S			<i>Stylodictya paroniana</i> Carnevale, 1908: 26	Living
S		0	1	Su			<i>Stylodictya perichlamydidium</i> Ehrenberg, 1874b: 258	l. Middle Eocene



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S		1	0	Sf	syn		<i>Stylodictya perichlamyidium</i> Ehrenberg, 1876: 84-85	I. Middle Eocene
S	nd	0	1	Sø		Td	<i>Stylodictya perispira</i> Haeckel, 1887: 511	[Quaternary]
S		1	1	S			<i>Stylodictya? plana</i> Borisenko, 1960b: 230	Early Eocene-Middle Eocene
S		1	1	S			<i>Stylodictya polygonia</i> Popofsky, 1912: 131	Living
S	nd	1	1	S			<i>Stylodictya pseucupsa</i> Borisenko, 1958: 97	Paleocene
S		0	1	Su			<i>Stylodictya quadrispina</i> Haeckel, 1861b: 842	Living
S		1	0	Sf	syn		<i>Stylodictya quadrispina</i> Haeckel, 1862: 496	Living
S		1	1	S			<i>Stylodictya rosella</i> Kozlova in Petrushevskaya & Kozlova, 1972: 526	I. Middle Eocene-Oligocene
S		1	1	S			<i>Stylodictya schabalkini</i> Lipman, 1949: 116	e. Middle Eocene
S		0	1	Su			<i>Stylodictya setigera</i> Ehrenberg, 1874b: 258	I. Middle Eocene
S		1	0	Sf	syn		<i>Stylodictya setigera</i> Ehrenberg, 1876: 84-85	I. Middle Eocene
S	nd	0	1	Sø			<i>Stylodictya solmaris</i> Haeckel, 1887: 511	Living
S	nd	1	1	S			<i>Stylodictya spinosa</i> Borisenko, 1960b: 230	Early Eocene-Middle Eocene
S		0	1	Su			<i>Stylodictya splendens</i> Ehrenberg, 1874b: 258	I. Middle Eocene
S		1	0	Sf	syn		<i>Stylodictya splendens</i> Ehrenberg, 1876: 84-85	I. Middle Eocene
S		1	1	S			<i>Stylodictya stellata</i> Bailey, 1856: 5	[Quaternary]
S		1	1	S		T	<i>Stylodictya tainemplekta</i> Caulet, 1991: 533	Middle Eocene-Early Oligocene
S		1	1	S			<i>Stylodictya tenuispina</i> Jørgensen, 1905: 118	Living
S	nd	1	1	S			<i>Stylodictya tschujenkoi</i> Lipman, 1953: 145	Late Eocene
S	nd	1	1	S			<i>Stylodictya tumefacta</i> Gorbunov, 1979: 128	Late Eocene
S		1	1	S			<i>Stylodictya validispina</i> Jørgensen, 1905: 119	Living
S		1	1	S			<i>Stylodictya variabilis</i> Bjørklund & Kellogg, 1972: 391	Late Eocene
S		1	1	S			<i>Stylodictya zonata</i> Lipman, 1953: 146	Late Eocene
S	nd	0	1	Sø		Td	<i>Stylodiscus amphistylus</i> Haeckel, 1887: 413	[Quaternary]
S		1	1	S			<i>Stylodiscus clandestinus</i> Krasheninnikov, 1960: 288	Early Eocene
S	nd	1	1	S			<i>Stylodiscus cornutus</i> Borisenko, 1960a: 203	Late Paleocene
S		1	1	S		Ts	<i>Stylodiscus endostylus</i> Haeckel, 1887: 413	[Quaternary]
S	nd	1	1	S			<i>Stylodiscus pedibus</i> Moksyakova, 1965: 248	Late Eocene
S	nd	1	1	S			<i>Stylodiscus proprius</i> Borisenko, 1960b: 229	Early Eocene-Middle Eocene
S		1	1	S			<i>Stylosphaera (Stylosphaera) fairchildi</i> Middour in Frizzell & Middour, 1951: 15	Late Paleocene
S	nd	1	1	S			<i>Stylosphaera (Stylosphaera) losbanosensis</i> Clark & Campbell, 1945: 12	e. Middle Eocene
S	nd	1	1	S			<i>Stylosphaera (Stylosphaera) megaxyphos</i> Clark & Campbell, 1942: 24	e. Middle Eocene
S	nd	1	1	S			<i>Stylosphaera (Stylosphaera) megaxyphos</i> Clark & Campbell, 1942: 25	e. Middle Eocene
S		1	1	S			<i>Stylosphaera (Stylosphaera) megaxyphos pentaxyphos</i> Clark & Campbell, 1942: 26	e. Middle Eocene
S		1	1	S			<i>Stylosphaera (Stylosphaera) megaxyphos tetraxyphos</i> Clark & Campbell, 1942: 26	e. Middle Eocene
S	nd	1	1	S			<i>Stylosphaera (Stylosphaera) megaxyphos trixyphos</i> Clark & Campbell, 1942: 25	e. Middle Eocene
E		1	1	S			<i>Stylosphaera (Stylosphaera) minor brevhastata</i> Clark & Campbell, 1945: 11	e. Middle Eocene
E		1	1	S			<i>Stylosphaera (Stylosphaera) minor leptoxyphos</i> Clark & Campbell, 1942: 27	e. Middle Eocene
E		1	1	S			<i>Stylosphaera (Stylosphaera) minor minor</i> Clark & Campbell, 1942: 27	e. Middle Eocene
S	nd	1	1	S			<i>Stylosphaera (Stylosphaera) simplex</i> Clark & Campbell, 1945: 11	e. Middle Eocene
E		1	1	S			<i>Stylosphaera (Stylosphaera) angelina</i> Campbell & Clark, 1944: 12	e. Late Miocene
S	nd	1	1	S			<i>Stylosphaera (Stylosphaera) datura</i> Clark & Campbell, 1945: 12	e. Middle Eocene
E		1	1	S			<i>Stylosphaera (Stylosphaera) gonioxyphos</i> Clark & Campbell, 1942: 30	e. Middle Eocene
S		1	1	S			<i>Stylosphaera (Stylosphaera) hexaxyphophora</i> Clark & Campbell, 1942: 28	e. Middle Eocene
S		1	1	S			<i>Stylosphaera (Stylosphaera) hexaxyphophora hexaxyphophora</i> Clark & Campbell, 1942: 28	e. Middle Eocene
S	nd	1	1	S			<i>Stylosphaera (Stylosphaera) hexaxyphophora octoxyphophora</i> Clark & Campbell, 1942: 29	e. Middle Eocene
S		1	1	S			<i>Stylosphaera (Stylosphaera) hexaxyphophora pentaxyphophora</i> Clark & Campbell, 1942: 28	e. Middle Eocene
S		1	1	S		T	<i>Stylosphaera calliope</i> Haeckel, 1887: 134	[Early Miocene]
E		0	1	Su			<i>Stylosphaera carduus</i> Ehrenberg, 1874b: 258	I. Middle Eocene
E		1	0	Sf	syn		<i>Stylosphaera carduus</i> Ehrenberg, 1876: 84-85	I. Middle Eocene
S		1	1	S			<i>Stylosphaera clio</i> Haeckel, 1887: 134	[Quaternary]
S		0	1	Su			<i>Stylosphaera coronata</i> Ehrenberg, 1874b: 258	I. Middle Eocene
S		1	0	Sf	syn		<i>Stylosphaera coronata</i> Ehrenberg, 1876: 84-85	I. Middle Eocene
E		1	1	S			<i>Stylosphaera coronata macrosphaera</i> Nishimura, 1992: 325	Middle Paleocene
S		1	1	S			<i>Stylosphaera coronata sabaca</i> Sanfilippo & Riedel, 1973: 521	Early Eocene-Middle Eocene
S	nd	1	1	S			<i>Stylosphaera eocenica</i> Gorbovetz in Kozlova & Gorbovetz, 1966: 55	Late Eocene
S	nd	0	1	Sø			<i>Stylosphaera erato</i> Haeckel, 1887: 137	[Quaternary]
S	nd	0	1	Sø			<i>Stylosphaera euterpe</i> Haeckel, 1887: 135	[Quaternary]
N		0	1	Su			<i>Stylosphaera flexuosa</i> Ehrenberg, 1874b: 259	I. Middle Eocene
N		1	0	Sf	syn		<i>Stylosphaera flexuosa</i> Ehrenberg, 1876: 84-85	I. Middle Eocene
S		1	1	S			<i>Stylosphaera fornasinii</i> Vinassa de Regny, 1900: 569	I. Middle Eocene
S		1	1	S			<i>Stylosphaera goruna</i> Sanfilippo & Riedel, 1973: 521	Late Paleocene-Early Eocene
S	nd	1	1	S			<i>Stylosphaera haeckeliana</i> Principi, 1909: 6	Middle Miocene
S	nn	0	0	Sp	pre		<i>Stylosphaera hispida</i> Ehrenberg, 1854a: table	
S		0	1	Su			<i>Stylosphaera hispida</i> Ehrenberg, 1854b: 246	Holocene
S		1	0	Sf	syn	T	<i>Stylosphaera hispida</i> Ehrenberg, 1854d	Holocene
E	nn	0	0	Sp	pre		<i>Stylosphaera holosphaera</i> Ehrenberg, 1861a: 769	
E		0	1	Su			<i>Stylosphaera holosphaera</i> Ehrenberg, 1873a: 320	Holocene
E		1	0	Sf	syn		<i>Stylosphaera holosphaera</i> Ehrenberg, 1873b: 298-299	Holocene
S	nd	1	1	S			<i>Stylosphaera isoporata</i> Carnevale, 1908: 13	e. Middle Miocene



Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	0	1	Sø			<i>Stylosphaera jugata</i> Haeckel, 1887: 137	Living
S	nn	0	0	Sp	pre		<i>Stylosphaera laevis</i> Ehrenberg, 1873b: 149, 298-299	
S		0	1	Su			<i>Stylosphaera laevis</i> Ehrenberg, 1874b: 259	
S	nd	1	0	Sf	syn	T	<i>Stylosphaera laevis</i> Ehrenberg, 1876: 84-85	I. Middle Eocene
E		0	1	Su			<i>Stylosphaera liostylus</i> Ehrenberg, 1874b: 259	I. Middle Eocene
E		1	0	Sf	syn		<i>Stylosphaera liostylus</i> Ehrenberg, 1876: 84-85	I. Middle Eocene
S	nn	1	0	S			<i>Stylosphaera lithatractus</i> Haeckel, 1887	
S	nd	1	1	S			<i>Stylosphaera macropora</i> Lucchese, 1927: 83	e. Middle Miocene
S	nd	1	1	S			<i>Stylosphaera macropora</i> var. <i>microaculeata</i> Lucchese, 1927: 84	e. Middle Miocene
S	nn	0	0	Sp	pre		<i>Stylosphaera megadictya</i> Ehrenberg, 1861a: 769	
S	nd	0	1	Su			<i>Stylosphaera megadictya</i> Ehrenberg, 1873a: 320	Holocene
S	nd	1	0	Sf	syn		<i>Stylosphaera megadictya</i> Ehrenberg, 1873b: 298-299	Holocene
S		1	1	S			<i>Stylosphaera melpomene</i> Haeckel, 1887: 135	Living
S	nd	0	1	Sø			<i>Stylosphaera musa</i> Haeckel, 1887: 133	Quaternary
S		1	1	S		Ts	<i>Stylosphaera nana</i> Haeckel, 1887: 136	Living
S	nd	0	1	Sø			<i>Stylosphaera polyhymnia</i> Haeckel, 1887: 134	Living
S		1	1	S		Ts	<i>Stylosphaera radiosa</i> Ehrenberg, 1876: 84-85	
S	nd	1	1	S			<i>Stylosphaera raripora</i> Lucchese, 1927: 83	e. Middle Miocene
S	nn	0	0	Sp	pre		<i>Stylosphaera setosa</i> Ehrenberg, 1861a: 769	
S	nd	0	1	Su			<i>Stylosphaera setosa</i> Ehrenberg, 1873a: 320	Holocene
S	nd	1	0	Sf	syn		<i>Stylosphaera setosa</i> Ehrenberg, 1873b: 298-299	Holocene
S		0	1	Su			<i>Stylosphaera spinulosa</i> Ehrenberg, 1874b: 259	I. Middle Eocene
S		1	0	Sf	syn	T	<i>Stylosphaera spinulosa</i> Ehrenberg, 1876: 84-85	I. Middle Eocene
S	nd	0	1	Su			<i>Stylosphaera sulcata</i> Ehrenberg, 1874b: 259	I. Middle Eocene
S	nd	1	0	Sf	syn		<i>Stylosphaera sulcata</i> Ehrenberg, 1876: 84-85	I. Middle Eocene
S	nd	0	1	Sø			<i>Stylosphaera tersichore</i> Haeckel, 1887: 137	Living
S		0	1	Su			<i>Stylosphaera testudo</i> Ehrenberg, 1873a: 320	Holocene
S		1	0	Sf	syn		<i>Stylosphaera testudo</i> Suzuki et al., 2009a	Holocene
S	nd	0	1	Sø		Td	<i>Stylosphaera thalia</i> Haeckel, 1887: 137	Quaternary
S		1	1	S			<i>Stylosphaera trixyphophora</i> Clark & Campbell, 1942: 29	e. Middle Eocene
S	nd	1	1	S			<i>Stylosphaera undulata</i> Carnevale, 1908: 13	e. Middle Miocene
S	nd	0	1	Sø			<i>Stylosphaera urania</i> Haeckel, 1887: 134	[Quaternary]
S		1	1	S			<i>Stylospira arachnia</i> Hertwig, 1879: 59	Living
S		1	1	S		Ts	<i>Stylospira dujardini</i> Haeckel, 1862: 473	Living
S		1	1	S		Ts	<i>Stylospira huxleyi</i> Haeckel, 1862: 473	Living
S	nd	1	1	S			<i>Stylostaurus? carolynae</i> Middour in Frizzell & Middour, 1951: 17	Late Paleocene
S		1	1	S		T	<i>Stylostaurus caudatus</i> Haeckel, 1887: 157	[Quaternary]
S	nd	0	1	Sø			<i>Stylostaurus gladius</i> Haeckel, 1887: 158	Quaternary
S	nd	1	1	S			<i>Stylostaurus? paleocenica</i> Middour in Frizzell & Middour, 1951: 17	Late Paleocene
S		1	1	S			<i>Stylotrachus (Stylotrachus) sol</i> Campbell & Clark, 1944: 28	e. Late Miocene
S		1	1	S			<i>Stylotrachus alveatus</i> Sanfilippo & Riedel, 1973: 525	Late Paleocene?
S		1	1	S			<i>Stylotrachus asiaticus</i> Lipman, 1949: 118	Early Eocene
S		1	1	S		T	<i>Stylotrachus asteros</i> Tan & Chen, 1999: 233	Late Pliocene
S		1	1	S			<i>Stylotrachus bensoni</i> Rogers, 2020: 5	Late Pleistocene-Holocene
S		1	1	S			<i>Stylotrachus bipedius</i> Vasilenko, 2019: 330	Early Pleistocene
S	nn	1	0	S			<i>Stylotrachus cuneitricentricus</i> Zaynutdinov, 1978	Eocene
S	nn	1	0	S			<i>Stylotrachus cuneitricularis</i> Zaynutdinov, 1978	Eocene
S		1	1	S			<i>Stylotrachus festivus</i> Clark & Campbell, 1942: 48	e. Middle Eocene
S		1	1	S			<i>Stylotrachus geddesii</i> Haeckel, 1887: 585	[Quaternary]
S	nd	0	1	Sø			<i>Stylotrachus helianthus</i> Haeckel, 1887: 584	Living
S	nn	1	0	S			<i>Stylotrachus multiacerosus</i> Zaynutdinov, 1978	Eocene
S		1	1	S			<i>Stylotrachus multipedis</i> Rogers, 2020: 4	Late Pleistocene
S		1	1	S			<i>Stylotrachus nativus</i> Lipman in Lipman et al., 1960: 89	Late Eocene
S		1	1	S		T	<i>Stylotrachus nitidus</i> Sanfilippo & Riedel, 1973: 525	Late Paleocene-Early Eocene
S	nd	1	1	S			<i>Stylotrachus obesus</i> Moksyakova, 1970: 150	Late Eocene
S		1	1	S			<i>Stylotrachus paciferum</i> Lipman in Lipman et al., 1960: 90	Late Eocene
S		1	1	S			<i>Stylotrachus paciferum curganica</i> Gorbovetz in Kozlova & Gorbovetz, 1966: 90	Late Eocene
S		1	1	S			<i>Stylotrachus paciferum pacifera</i> Gorbovetz in Kozlova & Gorbovetz, 1966: 90	Late Eocene
S		1	1	S			<i>Stylotrachus pinnatus</i> Krasheninnikov, 1960: 294	Early Eocene
S	nd	1	1	S			<i>Stylotrachus polygonus</i> Lipman, 1953: 150	Eocene
S		1	1	S			<i>Stylotrachus quadibrachiatus multibrachiatus</i> Sanfilippo & Riedel, 1973: 526	e. Middle Eocene
S		1	1	S			<i>Stylotrachus quadibrachiatus quadibrachiatus</i> Sanfilippo & Riedel, 1973: 526	Early Eocene-e. Middle Eocene
S		1	1	S			<i>Stylotrachus radiatus</i> Lipman, 1949: 117	Early Eocene
S	nd	1	1	S			<i>Stylotrachus schweyeri</i> Lipman, 1949: 117	Early Eocene
S	nd	1	1	S			<i>Stylotrachus spinosus</i> Lipman, 1950: 61	Late Eocene
S		1	1	S			<i>Stylotrachus sublimis</i> Moksyakova, 1961: 239	Late Eocene
S	nn	1	0	S			<i>Stylotrachus tenuitricularis</i> Zaynutdinov, 1978	Eocene
S		1	1	S			<i>Stylotrachus tripedius</i> Vasilenko, 2019: 331	Early Pleistocene
S	nd	0	1	Sø		Td	<i>Stypolarcus spongiosus</i> Haeckel, 1887: 614	Quaternary
E	nd	0	1	Sø			<i>Styptosphaera spongiacea</i> Haeckel, 1887: 87	Living

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
E	nd	0	1	Sø		Td	<i>Styptosphaera spumacea</i> Haeckel, 1887: 87	Living
S	nd	0	1	Sø			<i>Styptosphaera stupacea</i> Haeckel, 1887: 87	Living
S		1	1	S		T	<i>Suttonium praedicator</i> Schaaf, 1976: 790	Late Pleistocene
S		1	1	S			<i>Suttonium riedeli</i> Dumitrica, 1983a: 44	Early Eocene-e. Middle Eocene
N		1	1	S		Ts	<i>Syringium vinassai</i> Principi, 1909: 19	Middle Miocene
N		1	1	S		T	<i>Syscioscenium velamen</i> Sugiyama, 1992b: 217	l. Early Miocene
N		1	1	S			<i>Syscioscenium? wabisabi</i> Renaudie & Lazarus, 2012: 49	Middle Miocene-e. Late Miocene
N	nd	0	1	Sø			<i>Taurospyrus bovina</i> Haeckel, 1887: 1058	[Quaternary]
N		1	1	S		Ts	<i>Taurospyrus cervina</i> Haeckel, 1887: 1058	[Living]
S		1	1	S		T	<i>Tepka perforata</i> Sanfilippo & Riedel in Sanfilippo <i>et al.</i> , 1973: 228	e. Early Miocene
S		1	1	S			<i>Tessarastrum brunonis</i> Haeckel, 1887: 548	Living
S		1	1	S		Ts Ti	<i>Tessarastrum democriti</i> Haeckel, 1887: 548	[Quaternary]
S		1	1	S			<i>Tessarastrum eoacenus</i> Lipman, 1979: 75	e. Middle Eocene
S		1	1	S			<i>Tessarastrum fortii</i> Carnevale, 1908: 27	e. Middle Miocene
S	nd	0	1	Sø			<i>Tessarastrum spinozae</i> Haeckel, 1887: 547	Living
S		1	1	S		T	<i>Tessarastrum straussi</i> Haeckel, 1887: 547	Living
S		1	1	S			<i>Tessarastrum thiedei</i> Goll & Bjørklund, 1989: 730	l. Late Miocene-Early Pliocene
S		1	1	S			<i>Tessarastrum venabulum</i> Berdnikov, 1991: 108	Late Pleistocene
N	nd	1	1	S			<i>Tessarospyrus? bicaudalis</i> Clark & Campbell, 1942: 56	e. Middle Eocene
N		1	1	S		Ts	<i>Tessarospyrus clathrobursa</i> Haeckel, 1887: 1045	[Quaternary]
N	nd	0	1	Sø			<i>Tessarospyrus nuciformis</i> Haeckel, 1887: 1046	[Quaternary]
N		1	1	S			<i>Tessarospyrus pododendros</i> Carnevale, 1908: 28	e. Middle Miocene
W		1	1	S		Te Th	<i>Tetracanthus simplex</i> Popofsky, 1907: 701	Living
N		1	1	S			<i>Tetrahedrina elongata</i> Vinassa de Regny, 1900: 581	l. Early Miocene
N		1	1	S			<i>Tetrahedrina globosa</i> Vinassa de Regny, 1900: 581	l. Early Miocene
N	nd	0	1	Sø		Td Ti	<i>Tetrahedrina pyramidalis</i> Haeckel, 1887: 1238	[Eocene]
N	nd	0	1	Sø			<i>Tetrahedrina pyriformis</i> Haeckel, 1887: 1238	[Quaternary]
N		1	1	S			<i>Tetrahedrina quadricornis</i> Haeckel, 1887: 1239	Living
S		1	1	S			<i>Tetrapentalon calycina</i> Tan, 1993: 202	Living
S		1	1	S		T	<i>Tetrapetalon elegans</i> Hollande & Enjumet, 1960: 93	Living
N	nd	0	1	Sø		Td	<i>Tetraplagia geometrica</i> Haeckel, 1887: 911	Living
N	nd	1	1	S			<i>Tetraplagia phaenaxonia</i> Haeckel, 1887: 911	Living
N		1	1	S			<i>Tetraplecta pinigera</i> Haeckel, 1887: 924	Living
N	nd	0	1	Sø			<i>Tetraplecta quadricornis</i> Haeckel, 1887: 924	[Quaternary]
N	nd	0	1	Sø		Td	<i>Tetraplecta tetrahedra</i> Haeckel, 1887: 923	[Quaternary]
N		1	1	S			<i>Tetraplecta xiphacantha</i> Popofsky, 1908: 236	Living
S	nd	0	1	Sø			<i>Tetrapyle cardiopyle</i> Haeckel, 1887: 646	Living
S	nd	0	1	Sø			<i>Tetrapyle circopyle</i> Haeckel, 1887: 645	Living
S		1	1	S		Ts	<i>Tetrapyle circularis</i> Haeckel, 1887: 645	Living
S	nd	0	1	Sø			<i>Tetrapyle cladacantha</i> Haeckel, 1887: 648	Living
S	nd	0	1	Sø			<i>Tetrapyle cruciata</i> Haeckel, 1887: 647	Living
S	nd	0	1	Sø			<i>Tetrapyle dodecaceros</i> Haeckel, 1887: 649	Living
S	nd	0	1	Sø			<i>Tetrapyle fusiformis</i> Haeckel, 1887: 646	Living
S	nd	0	1	Sø			<i>Tetrapyle nephropyle</i> Haeckel, 1887: 645	Living
S	nn	0	0	Sp	pre		<i>Tetrapyle octacantha</i> Müller, 1859a: 154	
S		1	1	S		T	<i>Tetrapyle octacantha</i> Müller, 1859b: 33	Living
S		1	1	S			<i>Tetrapyle pachyderma</i> Tan & Chen, 1990: 115	Living
S		1	1	S			<i>Tetrapyle pleuracantha</i> Haeckel, 1887: 646	Living
S	nd	0	1	Sø			<i>Tetrapyle pluteus</i> Haeckel, 1887: 649	Holocene-Living
S	nd	1	1	S			<i>Tetrapyle polyacantha</i> Harting, 1863: 16	[Quaternary]
S	nd hom	0	1	Sø			<i>Tetrapyle polyacantha</i> Jørgensen, 1900: 63	Living
S	nd	0	1	Sø			<i>Tetrapyle quadricornis</i> Haeckel, 1887: 647	[Quaternary]
S	nd	0	1	Sø			<i>Tetrapyle quadrigata</i> Haeckel, 1887: 648	Living
S		1	1	S			<i>Tetrapyle rotundospinosa</i> Tan, 1993: 213	Living
S	nd	0	1	Sø			<i>Tetrapyle staurophora</i> Haeckel, 1887: 647	Living
S	nd	0	1	Sø			<i>Tetrapyle tetracantha</i> Haeckel, 1887: 647	Living
S	nd	0	1	Sø			<i>Tetrapyle transversa</i> Haeckel, 1887: 646	Living
S		1	1	S			<i>Tetrapyle turrita</i> Haeckel, 1887: 649	[Quaternary]
S	nd	0	1	Sø			<i>Tetrapylonium armatum</i> Haeckel, 1887: 659	Living
S	nd	0	1	Sø			<i>Tetrapylonium clevei</i> Jørgensen, 1900: 64	Living
S	nd	0	1	Sø			<i>Tetrapylonium octacanthum</i> Haeckel, 1887: 658	Living
S	nd	0	1	Sø		Td	<i>Tetrapylonium pantellipticum</i> Haeckel, 1887: 658	[Quaternary]
S		1	1	S			<i>Tetrapylonium pyrum</i> Tan & Chen, 1990: 123	Living
S		1	1	S			<i>Tetrapylonium quadrangulare</i> Haeckel, 1887: 658	Living
S	nd	0	1	Sø			<i>Tetrapylonium reniforme</i> Haeckel, 1887: 658	Living
S		1	1	S			<i>Tetrapylonium strobilinum</i> Tan & Chen, 1990: 123	Living
C		0	1	Su			<i>Tetrasolenia quadrata</i> Ehrenberg, 1873a: 320	Holocene
C		1	0	Sf	syn	Ts	<i>Tetrasolenia quadrata</i> Ehrenberg, 1873b: 300-301	Holocene
C	nn	0	0	Sp	pre		<i>Tetrasolenia venosa</i> Ehrenberg, 1861a: 769	
C		1	1	S			<i>Tetrasolenia venosa</i> Ehrenberg, 1873b: 300-301	Holocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
E		1	1	S		T	<i>Tetrasphaera spongiosa</i> Popofsky, 1912: 112	Living
N		1	1	S			<i>Tetraspyris arborescens</i> Popofsky, 1917: 271	Living
N	nd	0	1	Sø			<i>Tetraspyris calcarata</i> Haeckel, 1887: 1045	Living
N	nd	0	1	Sø			<i>Tetraspyris cubica</i> Haeckel, 1887: 1044	[Quaternary]
N		1	1	S			<i>Tetraspyris fiscella</i> Kozlova in Kozlova & Gorbovetz, 1966: 92	Late Eocene
N	nd	0	1	Sø			<i>Tetraspyris scoparia</i> Haeckel, 1887: 1045	Living
N	nd	1	1	S		Td	<i>Tetraspyris stephanium</i> Haeckel, 1887: 1044	[Quaternary]
N		1	1	S		T	<i>Tetraspyris tetracorethra</i> Haeckel, 1887: 1044	Living
C		0	1	Su			<i>Thalassicolla (Collosphaera) huxleyi</i> Müller, 1855a: 239	Living
C		1	0	Sf	syn	T	<i>Collosphaera huxleyi</i> Müller, 1859b: 55	Living
C	nd	0	1	Sø			<i>Thalassicolla (Collosphaera) huxleyi</i> var. <i>a</i> Hilmers, 1906: 20	Living
C	nd	0	1	Sø			<i>Thalassicolla (Collosphaera) huxleyi</i> var. <i>b</i> Hilmers, 1906: 21	Living
C	nd	0	1	Sø			<i>Thalassicolla (Collosphaera) huxleyi</i> var. <i>c</i> Hilmers, 1906: 22	Living
C		0	1	Su			<i>Thalassicolla acufera</i> Müller, 1855a: 236	Living
C		1	0	Sf	syn	T	<i>Sphaerozoum acuferum</i> Müller, 1859b: 54	Living
C	nd	0	1	Sø			<i>Thalassicolla australis</i> Haeckel, 1887: 20	Living
C		1	1	S			<i>Thalassicolla borealis</i> Ludwig, 1908: 53	Living
C		1	1	S			<i>Thalassicolla brandti</i> Ludwig, 1908: 49	Living
C		1	1	S			<i>Thalassicolla caerulea</i> Schneider, 1858: 40	Living
C		0	1	Su			<i>Thalassicolla cavispicula</i> Haeckel, 1861b: 798	Living
C		1	0	Sf	syn		<i>Thalassoplancta cavispicula</i> Haeckel, 1862: 261	Living
C		1	1	S			<i>Thalassicolla gelatinosa</i> Brandt, 1905a: 247	Living
C		1	1	S			<i>Thalassicolla grandevacuolosa</i> Ludwig, 1908: 52	Living
C		1	1	S			<i>Thalassicolla irmingiana</i> Ludwig, 1908: 56	Living
C		1	1	S			<i>Thalassicolla maculata</i> Haeckel, 1887: 21	Living
C		1	1	S			<i>Thalassicolla melacapsa</i> Haeckel, 1887: 21	Living
S		1	1	S			<i>Thalassicolla morum</i> Müller, 1859b: 28	Living
C		1	1	S			<i>Thalassicolla nationalis</i> Ludwig, 1908: 54	Living
C		1	1	S		T	<i>Thalassicolla nucleata</i> Huxley, 1851: 435	Living
C		0	1	Su			<i>Thalassicolla pelagica</i> Haeckel, 1861a: 798	Living
C		1	0	Sf	syn		<i>Thalassicolla pelagica</i> Haeckel, 1862: 247	Living
C	nd	0	1	Sø			<i>Thalassicolla pellucida</i> Haeckel, 1887: 19	Living
C		1	1	S			<i>Thalassicolla porosa</i> Ludwig, 1908: 47	Living
C		1	1	S		Ts	<i>Thalassicolla punctata</i> Huxley, 1851: 434	Living
W		1	1	S			<i>Thalassicolla sanguinolenta</i> Hertwig, 1879: 37	Living
C	nd	0	1	Sø			<i>Thalassicolla spumida</i> Haeckel, 1887: 19	Living
C		1	1	S		T	<i>Thalassicolla zanclea</i> Haeckel, 1862: 252	Living
C	nd	0	1	Sø		Td	<i>Thalassiosolen atlanticus</i> Wolfenden, 1902: 355	Living
C	nd	0	1	Sø			<i>Thalassolampe aurantiaca</i> Haeckel, 1887: 17	Living
C		1	1	S		T	<i>Thalassolampe margarodes</i> Haeckel, 1862: 253	Living
C		1	1	S			<i>Thalassolampe maxima</i> Haeckel, 1887: 17	Living
C		1	1	S			<i>Thalassolampe primordialis</i> Hertwig, 1879: 160	Living
C	nd	0	1	Sø			<i>Thalassophysa guttulosa</i> Brandt, 1902: 65	Living
C	nd	0	1	Sø			<i>Thalassophysa hirsuta</i> Brandt, 1902: 65	Living
C	nd	0	1	Sø		Td	<i>Thalassophysa papillosa</i> Haeckel, 1887: 22	Living
C		1	1	S			<i>Thalassophysa spiculosa</i> Brandt, 1902: 65	Living
C		1	1	S		T	<i>Thalassopila cladococcus</i> Haeckel, 1887: 17	Living
C	nn	0	0	Sø			<i>Thalassopila laciniata</i> Brandt, 1902: 66	Living
C	nd	0	1	Sø			<i>Thalassopila pustulosa</i> Brandt, 1902: 66	Living
C	nd	1	1	S		Td Th	<i>Thalassoplancta brevispicula</i> Haeckel, 1887: 36	Living
C	nd	0	1	Sø			<i>Thalassoplancta longispicula</i> Haeckel, 1887: 36	Living
C	nd	0	1	Sø		Td Th	<i>Thalassosphaera belonium</i> Haeckel, 1887: 31	Living
C	nd	0	1	Sø			<i>Thalassosphaera raphidium</i> Haeckel, 1887: 31	Living
E		1	1	S		T	<i>Thalassothamnus genista</i> Haecker, 1906: 881,884	Living
E		1	1	S			<i>Thalassothamnus pinetum</i> Popofsky, 1908: 205	Living
E		1	1	S			<i>Thalassothamnus ramosus</i> Haecker, 1906: 880	Living
E		1	1	S			<i>Thalassothamnus spermatophorus</i> Haecker, 1906: 881	Living
E		1	1	S			<i>Thalassothamnus tenerrimus</i> Haecker, 1906: 879	Living
C		1	1	S			<i>Thalassoxanthium asperum</i> Ludwig, 1908: 84	Living
C		1	1	S			<i>Thalassoxanthium bivolutum</i> Ludwig, 1908: 74	Living
C		1	1	S			<i>Thalassoxanthium cervicorne</i> Haeckel, 1887: 33	Living
C		1	1	S			<i>Thalassoxanthium flavescens</i> Ludwig, 1908: 79	Living
C	nd	0	1	Sø			<i>Thalassoxanthium furcatum</i> Haeckel, 1887: 33	Living
C	nd	0	1	Sø			<i>Thalassoxanthium hexactinium</i> Haeckel, 1887: 32	Living
C		1	1	S		T	<i>Thalassoxanthium medusinum</i> Haeckel, 1887: 32	Living
C		1	1	S			<i>Thalassoxanthium mirabile</i> Ludwig, 1908: 82	Living
C		1	1	S			<i>Thalassoxanthium mixtum</i> Ludwig, 1908: 76	Living
C		1	1	S			<i>Thalassoxanthium octoceras</i> Haeckel, 1887: 34	Living
C	nd	0	1	Sø			<i>Thalassoxanthium ovodimare</i> Haeckel, 1887: 34	Living
C	nd	0	1	Sø			<i>Thalassoxanthium punctatum</i> Haeckel, 1887: 34	Living



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
C		1	1	S			<i>Thalassoxanthium quadriramosum</i> Ludwig, 1908: 86	Living
E		1	1	S			<i>Thalassoxanthium spermatophorus</i> Haecker, 1906: 881	Living
C	nd	1	1	S			<i>Thalassoxanthium sphaeronucleolatum</i> Hollande & Cachon-Enjumet, 1959b: 167	Living
C	nd	1	1	S			<i>Thalassoxanthium spumidum</i> Hollande & Cachon-Enjumet, 1959a: 2642	Living
C	nd	0	1	Sø		Td	<i>Thalassoxanthium triactinium</i> Haeckel, 1887: 32	Living
C	nd	0	1	Sø			<i>Thalassoxanthium triradiatum</i> Haeckel, 1887: 32	Living
S		1	1	S			<i>Thecosphaera (Thecosphaera) antarctica</i> Nakaseko, 1959a: 7	Holocene
S		1	1	S			<i>Thecosphaera (Thecosphaera) miocenica</i> Nakaseko, 1955: 73	l. Early Miocene
S		1	1	S			<i>Thecosphaera (Thecosphaerella) californica</i> Clark & Campbell, 1942: 22	e. Middle Miocene
S		1	1	S			<i>Thecosphaera akitaensis</i> Nakaseko, 1971b: 63	Middle Miocene-Pliocene
S		1	1	S			<i>Thecosphaera bulbosa</i> Hollande & Enjumet, 1960: 111	Living
S		1	1	S			<i>Thecosphaera californica sumensis</i> Gorbunov, 1979: 91	Late Eocene
S	nd	0	1	Sø		Td	<i>Thecosphaera capillacea</i> Haeckel, 1887: 81	Living
S		1	1	S			<i>Thecosphaera compressa</i> Tochilina, 1966: 284	Late Eocene
S		1	1	S			<i>Thecosphaera concentrica</i> Nakaseko, 1971b: 64	Middle Miocene-Pliocene
S		1	1	S			<i>Thecosphaera dedoensis</i> Nakaseko, 1971b: 61	Pliocene
S		1	1	S			<i>Thecosphaera diligens</i> Kozlova in Kozlova & Gorbovetz, 1966: 53	Late Eocene
S	nd	0	1	Sø			<i>Thecosphaera diplococcus</i> Haeckel, 1887: 81	Living
S	nd	0	1	Sø			<i>Thecosphaera dodecactis</i> Haeckel, 1887: 82	[Quaternary]
S	nd	0	1	Sø			<i>Thecosphaera entactinia</i> Haeckel, 1887: 81	[Early Miocene]
E		1	1	S			<i>Thecosphaera entocuba</i> Chen <i>et al.</i> , 2017: 270	Late Pleistocene
S	nd	0	1	Sø		Td	<i>Thecosphaera favosa</i> Haeckel, 1887: 79	[Eocene]
S	nd	0	1	Sø			<i>Thecosphaera floribunda</i> Haeckel, 1887: 79	[Quaternary]
S		1	1	S			<i>Thecosphaera grecoi</i> Vinassa de Regny, 1900: 568	l. Early Miocene
S	nd	0	1	Sø			<i>Thecosphaera icosactis</i> Haeckel, 1887: 82	[Quaternary]
S		1	1	S			<i>Thecosphaera japonica</i> Nakaseko, 1971b: 61	Miocene
S		1	1	S			<i>Thecosphaera lamacium</i> Sanfilippo & Riedel, 1973: 521	Late Paleocene-Early Eocene
S		1	1	S			<i>Thecosphaera leptococcus</i> Carnevale, 1908: 9	e. Middle Miocene
S	nd	1	1	S			<i>Thecosphaera lophophilla</i> Carnevale, 1908: 8	e. Middle Miocene
S	nd	1	1	S			<i>Thecosphaera magneporata</i> Vinassa de Regny, 1900: 567	l. Early Miocene
S	nd	0	1	Sø		Td	<i>Thecosphaera maxima</i> Haeckel, 1887: 82	[Quaternary]
S		1	1	S			<i>Thecosphaera melitomma</i> Kozlova in Kozlova & Gorbovetz, 1966: 52	Late Eocene
S	nd	0	1	Sø			<i>Thecosphaera micropora</i> Haeckel, 1887: 81	Living
S		1	1	S			<i>Thecosphaera microsphaera</i> Nakaseko, 1971b: 63	Middle Miocene
S	nd	1	1	S			<i>Thecosphaera paroniana</i> Carnevale, 1908: 9	e. Middle Miocene
S	nd	0	1	Sø			<i>Thecosphaera phaenaxonia</i> Haeckel, 1887: 79	Living
S		1	1	S			<i>Thecosphaera pseudojaponica</i> Nakaseko, 1971b: 62	Late Miocene-Pliocene
S		1	1	S			<i>Thecosphaera radians</i> Hollande & Enjumet, 1960: 111	Living
S	nd	1	1	S			<i>Thecosphaera raripora</i> Lucchese, 1927: 82	e. Middle Miocene
S		1	1	S			<i>Thecosphaera rotunda</i> Borisenko, 1960b: 222	Early Eocene
S		1	1	S			<i>Thecosphaera saccoi</i> Principi, 1909: 4	Middle Miocene
S		1	1	S			<i>Thecosphaera sanfilippoe</i> Blueford, 1982: 199	l. Middle Miocene
S		1	1	S			<i>Thecosphaera scabra scabra</i> Kozlova in Kozlova & Gorbovetz, 1966: 51	Late Eocene
S	nd	1	1	S			<i>Thecosphaera scabra secunda</i> Kozlova in Kozlova & Gorbovetz, 1966: 52	Late Eocene
S	nd	1	1	S			<i>Thecosphaera spiralis</i> Carnevale, 1908: 9	e. Middle Miocene
S		1	1	S			<i>Thecosphaera stylodendra</i> Carnevale, 1908: 8	e. Middle Miocene
S		1	1	S			<i>Thecosphaera sublicia</i> Lipman, 1949: 113	Early Eocene
S		1	1	S			<i>Thecosphaera tochiensis</i> Nakaseko, 1971b: 62	Middle Miocene-Pliocene
S	nd	1	1	S			<i>Thecosphaera triglobulata</i> Lipman, 1953: 136	Paleogene
S	nd	0	1	Sø			<i>Thecosphaera triplodictyon</i> Haeckel, 1887: 79	Living
S		1	1	S			<i>Thecosphaera zitteli</i> Dreyer, 1890: 8	e. Middle Miocene
S		1	1	S			<i>Thecosphaerella glebulenta</i> Sanfilippo & Riedel, 1973: 521	Early Eocene-e. Middle Eocene
S		1	1	S			<i>Thecosphaerella ptomatus</i> Sanfilippo & Riedel, 1973: 521	Late Paleocene-e. Middle Eocene
S		1	1	S			<i>Thecosphaerella tochiinae</i> Vasilenko, 2019: 329	Late Eocene-Early Oligocene
N		1	1	S			<i>Theocalypta bicoronis spongothorax</i> Chen, 1974: 490	Late Miocene-Early Pliocene
N		0	1	Su			<i>Theocalypta craspedota</i> Jørgensen, 1900: 85	Living
N		1	0	Sf	syn		<i>Clathrocyclus craspedota</i> Jørgensen, 1905: 127, 139	Living
N		1	1	S			<i>Theocalypta petasa</i> Kozlova in Kozlova & Gorbovetz, 1966: 108	Early Eocene
N		1	1	S			<i>Theocalypta tetracantha</i> Bjørklund & Kellogg, 1972: 390	Late Eocene-Early Oligocene
N	nd	0	1	Sø		Td	<i>Theocalypta veneris</i> Haeckel, 1887: 1397	Living
N	nd	1	1	S			<i>Theocampe (Theocamptra) pavonis</i> Clark & Campbell, 1945: 47	e. Middle Eocene
N		1	1	S			<i>Theocampe altus</i> Moksyakova, 1970: 152	Late Eocene
N	nd	1	1	S			<i>Theocampe castigata</i> Krasheninnikov, 1960: 299	Early Eocene
N		1	1	S		T	<i>Theocampe collaris</i> Haeckel, 1887: 1425	[Quaternary]
N		1	1	S			<i>Theocampe costata</i> Haeckel, 1887: 1426	Living
N	nd	1	1	S			<i>Theocampe latipora</i> Vinassa de Regny, 1900: 583	l. Early Miocene
N		1	1	S			<i>Theocampe microstoma</i> Vinassa de Regny, 1900: 583	l. Early Miocene
N	nd	0	1	Sø			<i>Theocampe ovulum</i> Haeckel, 1887: 1424	[Tertiary]
N		1	1	S			<i>Theocampe piriformis</i> Mamedov, 1969a: 28	Late Eocene
N		1	1	S			<i>Theocampe sphaerothorax</i> Haeckel, 1887: 1424	[Quaternary]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	1	1	S		Td	<i>Theocampe stenostoma</i> Haeckel, 1887: 1423	[Quaternary]
N	nd	1	1	S			<i>Theocampe tubulosa</i> Vinassa de Regny, 1900: 583	I. Early Miocene
N		1	1	S			<i>Theocamptra formaster</i> Petrushevskaya & Kozlova, 1972: 539	Early Oligocene-e. Early Miocene
N		1	1	S			<i>Theocamptra spirocyrtis</i> Petrushevskaya & Kozlova, 1972: 538	I. Early Miocene-e. Middle Miocene
N	nd	1	1	S			<i>Theocapsa (Theocapsilla) leptoxyphos</i> Clark & Campbell, 1945: 48	e. Middle Eocene
N	nd	1	1	S			<i>Theocapsa (Theocapsilla?) pachyxyphos</i> Clark & Campbell, 1945: 48	e. Middle Eocene
N	nd	0	1	Sø			<i>Theocapsa aldrovandi</i> Haeckel, 1887: 1428	[Quaternary]
N		1	1	S		Ts	<i>Theocapsa aristotelis</i> Haeckel, 1887: 1427	Living
N	nd	0	1	Sø			<i>Theocapsa baeri</i> Haeckel, 1887: 1430	[Quaternary]
N		1	1	S			<i>Theocapsa cayeuxi</i> Vinassa de Regny, 1900: 584	I. Early Miocene
N		1	1	S			<i>Theocapsa cuvieri</i> Haeckel, 1887: 1430	[Quaternary]
N		1	1	S			<i>Theocapsa darwini</i> Haeckel, 1887: 1431	[Quaternary]
N		1	1	S			<i>Theocapsa democriti</i> Haeckel, 1887: 1427	[Quaternary]
N		1	1	S			<i>Theocapsa elongata</i> Vinassa de Regny, 1900: 584	I. Early Miocene
N	hom	1	1	S			<i>Theocapsa elongata</i> Nakaseko, 1963: 185	I. Middle Miocene
N		1	1	S			<i>Theocapsa forskali</i> Haeckel, 1887: 1429	[Quaternary]
N	nd	0	1	Sø			<i>Theocapsa galeni</i> Haeckel, 1887: 1427	[Quaternary]
N	nd	0	1	Sø			<i>Theocapsa gessneri</i> Haeckel, 1887: 1428	[Quaternary]
N	nd	1	1	S			<i>Theocapsa gibba</i> Carnevale, 1908: 34	e. Middle Miocene
N		1	1	S			<i>Theocapsa himiensis</i> Nakaseko, 1963: 184	I. Middle Miocene
N		1	1	S		Ts	<i>Theocapsa lamarcki</i> Haeckel, 1887: 1430	Living
N		1	1	S		Ts	<i>Theocapsa linnaei</i> Haeckel, 1887: 1429	Living
N		1	1	S			<i>Theocapsa malpighii</i> Haeckel, 1887: 1428	[Quaternary]
N		1	1	S			<i>Theocapsa muelleri</i> Haeckel, 1887: 1431	[Quaternary]
N	nd	0	1	Sø			<i>Theocapsa pallasii</i> Haeckel, 1887: 1429	[Quaternary]
N		1	1	S			<i>Theocapsa piriformis</i> Lucchese, 1927: 106	e. Middle Miocene
N	nd	0	1	Sø			<i>Theocapsa plini</i> Haeckel, 1887: 1427	[Quaternary]
N	nd	0	1	Sø			<i>Theocapsa rathkei</i> Haeckel, 1887: 1430	[Eocene]
N	nd	0	1	Sø			<i>Theocapsa sarsi</i> Haeckel, 1887: 1431	[Eocene]
N	nd	0	1	Sø			<i>Theocapsa schwanni</i> Haeckel, 1887: 1431	[Quaternary]
N		1	1	S			<i>Theocapsa valida</i> Vinassa de Regny, 1900: 584	I. Early Miocene
N		1	1	S			<i>Theocapsa wolffi</i> Haeckel, 1887: 1429	[Quaternary]
N		1	1	S		Ts	<i>Theocapsa wottonis</i> Haeckel, 1887: 1428	[Quaternary]
N	nd	1	1	S			<i>Theoconus (Theoconus) nipponicus</i> Nakaseko, 1955: 107	I. Early Miocene
N	nd	0	1	Sø			<i>Theoconus ariadnes</i> Haeckel, 1887: 1402	Living
N	nd	1	1	S			<i>Theoconus cuneatus</i> Kestner, 1975: 139	Eocene
N		1	1	S		Ts	<i>Theoconus jovis</i> Haeckel, 1887: 1401	[Quaternary]
N		1	1	S			<i>Theoconus junonis</i> Haeckel, 1887: 1401	[Quaternary]
N	nd	0	1	Sø			<i>Theoconus laterna</i> Haeckel, 1887: 1403	[Quaternary]
N	nd	0	1	Sø			<i>Theoconus longicornis</i> Haeckel, 1887: 1401	[Quaternary]
N		1	1	S			<i>Theoconus minythora</i> Nigrini, 1968: 57	Living
N	nd	0	1	Sø			<i>Theoconus orthoconus</i> Haeckel, 1887: 1400	[Quaternary]
N		1	1	S			<i>Theoconus shemakhtiensis</i> Mamedov, 1973: 66	Late Eocene
N	nd	1	1	S			<i>Theocorys (Theocoronium) adamsi</i> Campbell & Clark, 1944: 51	e. Late Miocene
N		1	1	S			<i>Theocorys (Theocorys) hokurikuensis</i> Nakaseko, 1955: 107	I. Early Miocene
N	nd	1	1	S			<i>Theocorys (Theocorys) minerva</i> Middour in Frizzell & Middour, 1951: 31	Late Paleocene
N		1	1	S			<i>Theocorys acroria</i> Foreman, 1973: 439	Early Eocene
N		1	1	S			<i>Theocorys amplus</i> Shastina in Tsoy & Shastina, 1999: 74	I. Early Miocene
N		1	1	S			<i>Theocorys anaclasta</i> Riedel & Sanfilippo, 1970: 530	e. Middle Eocene
N		1	1	S			<i>Theocorys anapographa</i> Riedel & Sanfilippo, 1970: 530	e. Middle Eocene
N		1	1	S			<i>Theocorys angusta</i> Lipman, 1950: 64	Late Eocene
N	nd	1	1	S			<i>Theocorys apex</i> Borisenko, 1959: 42	Late Eocene
N		1	1	S			<i>Theocorys apollinis</i> Haeckel, 1887: 1418	Living
N		1	1	S			<i>Theocorys bianulus</i> O'Connor, 1997a: 84	Early Oligocene-Late Oligocene
N		1	1	S		T	<i>Theocorys borealis</i> Cleve, 1899: 33	Living
N		1	1	S			<i>Theocorys brevicornis</i> Principi, 1909: 16	Middle Miocene
N	nd	1	1	S			<i>Theocorys cellulosa</i> Lipman, 1950: 63	Late Eocene
N	nd	1	1	S			<i>Theocorys costata</i> Mamedov, 1969c: 36	Middle Eocene
N	nd	1	1	S			<i>Theocorys destefani</i> Principi, 1909: 16	Middle Miocene
N		1	1	S		T	<i>Theocorys diana</i> Haeckel, 1887: 1416	Living
N		1	1	S			<i>Theocorys ehrenbergi</i> Popofsky, 1913: 399	Living
N	nd	1	1	S			<i>Theocorys galeatus</i> Borisenko, 1959: 41	Late Eocene
N	nd	1	1	S			<i>Theocorys globosa</i> Vinassa de Regny, 1900: 583	I. Early Miocene
N	nd	0	1	Sø			<i>Theocorys hyalothorax</i> Haeckel, 1887: 1417	[Quaternary]
N	nd	1	1	S			<i>Theocorys italica</i> Principi, 1909: 16	Middle Miocene
N		1	1	S			<i>Theocorys kerguelensis</i> Takemura & Ling, 1998: 745	I. Middle Eocene
N	nd	1	1	S			<i>Theocorys kryshtofovichii</i> Lipman, 1953: 153	Middle Eocene
N	nd	1	1	S			<i>Theocorys? limpidus</i> Tochilina <i>et al.</i> , 1988: 48	I. Late Miocene
N		1	1	S			<i>Theocorys longithorax</i> Petrushevskaya, 1975: 580	Late Oligocene
N	nd	0	1	Sø			<i>Theocorys martis</i> Haeckel, 1887: 1419	[Quaternary]

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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	0	1	Sø			<i>Theocorys mercurii</i> Haeckel, 1887: 1419	[Quaternary]
N	nd	1	0	Sf			<i>Theocorys meta</i> Lipman in Lipman <i>et al.</i> , 1960	Late Paleocene
N	nd	0	1	Sd	syn		<i>Clathrocyclas meta</i> Kozlova, 1999: 121	Late Paleocene?
N		1	1	S			<i>Theocorys minervae</i> Haeckel, 1887: 1419	[Early Miocene]
N		1	1	S			<i>Theocorys minuta</i> Takemura & Ling, 1998: 162	l. Middle Eocene-Late Eocene
N		1	1	S			<i>Theocorys obliqua</i> Haeckel, 1887: 1417	[Quaternary]
N	nd	1	1	S			<i>Theocorys obliqua</i> var. <i>globosa</i> Lucchese, 1927: 105	e. Middle Miocene
N		1	1	S			<i>Theocorys ovata</i> Haeckel, 1887: 1416	[Quaternary]
N		1	1	S			<i>Theocorys perforatus</i> O'Connor, 1997a: 86	Early Oligocene-Late Oligocene
N		1	1	S			<i>Theocorys? physella</i> Foreman, 1973: 440	Eocene
N	nd	1	1	S			<i>Theocorys plutonis</i> Haeckel, 1887: 1416	[Quaternary]
N		1	1	S			<i>Theocorys puriri</i> O'Connor, 1997a: 88	Early Oligocene-Early Miocene
N		1	1	S			<i>Theocorys reticula</i> Kozlova in Kozlova & Gorbovetz, 1966: 110	Late Eocene
N		1	1	S			<i>Theocorys saginata</i> Takemura & Ling, 1998: 164	Early Oligocene
N	nd	1	1	S			<i>Theocorys similis</i> Mamedov, 1969c: 36	Late Eocene
N		1	1	S			<i>Theocorys spinosus</i> Shastina in Tsoy & Shastina, 1999: 73	e. Middle Miocene-l. Late Miocene
N		1	1	S			<i>Theocorys spongoconus</i> Kling, 1971: 1087	Late Oligocene-Early Miocene
N		1	1	S			<i>Theocorys sporta</i> Kozlova in Kozlova & Gorbovetz, 1966: 111	Late Eocene
N		1	1	S			<i>Theocorys trisulca</i> Kozlova in Kozlova & Gorbovetz, 1966: 111	Late Eocene
N	nd	0	1	Sø			<i>Theocorys tuberculata</i> Haeckel, 1887: 1419	[Quaternary]
N	nd	1	1	S			<i>Theocorys unicum</i> Lipman in Lipman <i>et al.</i> , 1960: 97	Late Eocene
N		1	1	S			<i>Theocorys veneris</i> Haeckel, 1887: 1415	Living
N		1	1	S			<i>Theocorythium vetulum</i> Nigrini, 1971: 447	Pliocene
N		1	1	S			<i>Theocotyle (Theocotyle) cryptocephala? conica</i> Foreman, 1973: 440	Eocene
N		1	1	S			<i>Theocotyle (Theocotylissa) alpha</i> Foreman, 1973: 441	Eocene
N		1	1	S			<i>Theocotyle (Theocotylissa) auctor</i> Foreman, 1973: 441	Late Paleocene-Early Eocene
N		1	1	S			<i>Theocotyle (Theocotylissa?) fimbria</i> Foreman, 1973: 441	Early Eocene
N		1	1	S			<i>Theocotyle? bicornis</i> Vitukhin, 1993: 83	Late Paleocene?-Early Eocene
N		1	1	S			<i>Theocotyle cryptocephala? nigriniae</i> Riedel & Sanfilippo, 1970: 525	Middle Eocene
N		1	1	S			<i>Theocotyle? multichornia</i> Vitukhin, 1993: 81	e. Middle Eocene-Late Eocene
N		1	1	S			<i>Theocotyle? trapeziaformis</i> Vitukhin, 1993: 83	Late Eocene
N		1	1	S		Ts	<i>Theocotyle venezuelensis</i> Riedel & Sanfilippo, 1970: 524	Middle Eocene
N		1	1	S			<i>Theocyrtis (Theocorusca) redondoensis</i> Campbell & Clark, 1944: 49	e. Late Miocene
N		1	1	S			<i>Theocyrtis (Theocorypha) diabloensis</i> Clark & Campbell, 1942: 90	e. Middle Eocene
N		1	1	S			<i>Theocyrtis aculeata</i> Cleve, 1900b: 12	Living
N		1	1	S			<i>Theocyrtis ampla</i> Brandt in Wetzel, 1936: 56	Late Eocene
N		1	1	S			<i>Theocyrtis andriashevi</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 145	Eocene
N		1	1	S			<i>Theocyrtis careotuberosa</i> Nigrini & Sanfilippo in Nigrini <i>et al.</i> , 2006: 50	Late Eocene-Early Oligocene
N	nd	1	1	S			<i>Theocyrtis hirta</i> Vinassa de Regny, 1900: 583	l. Early Miocene
N		1	1	S			<i>Theocyrtis humilus</i> Moksyakova, 1970: 151	Late Eocene
N		1	1	S		T	<i>Theocyrtis macroceros</i> Haeckel, 1887: 1407	[Quaternary]
N		1	1	S			<i>Theocyrtis mugaicus</i> Grigoryeva, 1975: 107	Early Paleocene
N		1	1	S			<i>Theocyrtis perpumila</i> Sanfilippo in Nigrini <i>et al.</i> , 2006: 51	l. Middle Eocene-Late Eocene
N		1	1	S			<i>Theocyrtis perysinos</i> Nigrini & Sanfilippo in Nigrini <i>et al.</i> , 2006: 52	Early Oligocene-Late Oligocene
N	nd	0	1	Sø			<i>Theocyrtis proserpinae</i> Haeckel, 1887: 1408	[Quaternary]
N		1	1	S			<i>Theocyrtis ptychodes</i> Haeckel, 1887: 1408	[Quaternary]
N		1	1	S			<i>Theocyrtis setanios</i> Nigrini & Sanfilippo in Nigrini <i>et al.</i> , 2006: 52	Early Oligocene
N		1	1	S			<i>Theocyrtis? triapenna</i> Funakawa & Nishi, 2005: 229	l. Middle Eocene-Late Eocene
N	nd	1	1	S			<i>Theocyrtis trimembris</i> Moksyakova, 1961: 244	Late Eocene
N		1	1	S			<i>Theocyrtis tuberosa</i> Riedel, 1959: 298	Early Oligocene
N		1	1	S			<i>Theocyrtis turris</i> Cleve, 1900b: 12	Living
S	nd	0	1	Sø			<i>Theodiscus christianus</i> Haeckel, 1887: 414	Living
S	nd	0	1	Sø		Td	<i>Theodiscus divinus</i> Haeckel, 1887: 414	Living
S	nd	0	1	Sø			<i>Theodiscus nirvana</i> Haeckel, 1887: 415	Living
S	nd	0	1	Sø			<i>Theodiscus trinitatis</i> Haeckel, 1887: 414	[Quaternary]
S	nd	0	1	Sø		Td	<i>Theodiscus vanitatis</i> Haeckel, 1887: 415	[Quaternary]
N		1	1	S			<i>Theopera aculeata</i> Carnevale, 1908: 33	e. Middle Miocene
N		1	1	S			<i>Theopera chytropus</i> Haeckel, 1887: 1358	[Quaternary]
N		1	1	S			<i>Theopera cortina</i> Haeckel, 1887: 1358	[Living]
N		1	1	S			<i>Theopera elongata</i> Mamedov, 1973: 62	l. Middle Eocene
N		1	1	S			<i>Theopera fragilis</i> Carnevale, 1908: 32	e. Middle Miocene
N		1	1	S			<i>Theopera fusiformis</i> Haeckel, 1887: 1357	[Living]
N		1	1	S		Ts	<i>Theopera prismatica</i> Haeckel, 1887: 1357	[Quaternary]
N		1	1	S			<i>Theopera pyramis</i> Haeckel, 1887: 1357	Late Eocene
N		1	1	S		Ts	<i>Theophaena corona</i> Haeckel, 1887: 1394	[Living]
N	nd	0	1	Sø			<i>Theophaena nonaria</i> Haeckel, 1887: 1395	Living
N		1	1	S		T	<i>Theophormis callipilium</i> Haeckel, 1887: 1367	Living
N	nd	0	1	Sø			<i>Theophormis cruciata</i> Haeckel, 1887: 1367	Living
N	nd	0	1	Sø			<i>Theophormis medusa</i> Haeckel, 1887: 1367	Living
N	nd	0	1	Sø			<i>Theophormis senaria</i> Haeckel, 1887: 1368	Living

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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Theopilium cucullatum</i> Tan & Su, 1982: 176	Holocene
N		1	1	S			<i>Theopilium galeatum</i> Tan & Tchang, 1976: 309	Living
N		1	1	S			<i>Theopilium germinis</i> Tan & Su, 1982: 176	Holocene
N	nd	1	1	S			<i>Theopilium pyramidale</i> Popofsky, 1913: 376	Living
N		1	1	S		Ts	<i>Theopilium tricostatum</i> Haeckel, 1887: 1322	Living
N	nd	0	1	Sø			<i>Theopilium triradiatum</i> Haeckel, 1887: 1322	Living
N	nd	1	1	S			<i>Theopodium constrictum</i> Popofsky, 1913: 386	Living
N	nd	0	1	Sø			<i>Theopodium pyramidale</i> Haeckel, 1887: 1328	[Eocene]
N		1	1	S			<i>Theopodium satelles</i> Kozlova in Kozlova & Gorbovetz, 1966: 105	Late Eocene
N		1	1	S			<i>Theopodium tricostatum</i> Haeckel, 1887: 1328	[Quaternary]
N	nd	1	1	S			<i>Theosyringium pipetta</i> Haeckel, 1887: 1409	[Early Miocene]
N	nd	0	1	Sø			<i>Theosyringium siphonium</i> Haeckel, 1887: 1409	[Quaternary]
N		1	1	S			<i>Theosyringium tibia</i> Haeckel, 1887: 1409	[Quaternary]
N	nd	0	1	Sø		Td	<i>Therospyris canis</i> Haeckel, 1887: 1058	[Eocene]
N		1	1	S			<i>Therospyris felis</i> Haeckel, 1887: 1059	[Early Miocene]
N		1	1	S			<i>Therospyris leo</i> Haeckel, 1887: 1059	[Quaternary]
S	nd	0	1	Sø			<i>Tholartus isocolus</i> Haeckel, 1887: 664	Living
S	nd	0	1	Sø			<i>Tholartus paniscus</i> Haeckel, 1887: 664	Living
S	nd	0	1	Sø			<i>Tholartus sagitta</i> Haeckel, 1887: 665	Living
S		1	1	S		Ts	<i>Tholartus tricolor</i> Haeckel, 1887: 664	[Quaternary]
S	nd	0	1	Sø		Td	<i>Tholartus tripanis</i> Haeckel, 1887: 665	Living
S		1	1	S		Ts	<i>Tholocubus tessellatus</i> Haeckel, 1887: 677	[Quaternary]
S		1	1	S		Ts	<i>Tholocubus tesseralis</i> Haeckel, 1887: 678	[Quaternary]
S	nd	0	1	Sø			<i>Tholocubus tessarius</i> Haeckel, 1887: 677	Living
S		1	1	S		T	<i>Tholoma metallason</i> Haeckel, 1887: 672	[Quaternary]
S		1	1	S		Ts	<i>Tholoma quadrigeminum</i> Haeckel, 1887: 672	Living
S		1	1	S			<i>Tholomura pilula</i> Zhang & Suzuki, 2017: 59	Holocene-Living
S		1	1	S		Ts	<i>Tholodes cupula</i> Haeckel, 1887: 665	[Quaternary]
S	nd	0	1	Sø		Td	<i>Tholonium bicubicum</i> Haeckel, 1887: 678	Quaternary
S	nd	0	1	Sø			<i>Tholonium ellipticum</i> Haeckel, 1887: 679	[Quaternary]
S		1	1	S		Ts	<i>Tholonium hexonium</i> Haeckel, 1887: 679	[Quaternary]
S	nd	0	1	Sø			<i>Tholonium sphaericum</i> Haeckel, 1887: 679	Living
S	nd	0	1	Sø			<i>Tholonium sphaerium</i> Haeckel, 1887: 679	[Quaternary]
S		1	1	S		Ts	<i>Tholospira cervicornis</i> Haeckel, 1887: 700	[Quaternary]
S		1	1	S		T	<i>Tholospira dendrophora</i> Haeckel, 1887: 700	[Quaternary]
S	nd	0	1	Sø			<i>Tholospira hystrix</i> Haeckel, 1887: 700	Living
S	nd	1	1	S			<i>Tholospira longqus</i> Tochilina <i>et al.</i> , 1988: 47	I. Late Miocene
S	nd	0	1	Sø			<i>Tholospira nautiloides</i> Haeckel, 1887: 699	Living
S	nd	0	1	Sø			<i>Tholospira spinosa</i> Haeckel, 1887: 699	Living
N		1	1	S			<i>Tholospyrus baconiana spinula</i> Goll, 1972b: 452	Early Pliocene-Early Pleistocene
N		1	1	S			<i>Tholospyrus baconiana variabilis</i> Goll, 1972b: 452	Late Miocene-Early Pliocene
N		1	1	S			<i>Tholospyrus caudata</i> Kozlova, 1983: 99	Early Paleocene
N		1	1	S			<i>Tholospyrus cupola</i> Haeckel, 1887: 1080	[Quaternary]
N		1	1	S			<i>Tholospyrus devexa</i> Goll, 1969: 326	Late Pliocene-Living
N		1	1	S			<i>Tholospyrus devexa dusenburyi</i> Goll, 1972b: 453	Late Pliocene
N		1	1	S			<i>Tholospyrus devexa finalis</i> Goll, 1972b: 454	Late Pleistocene-Living
N		1	1	S			<i>Tholospyrus fenestrata</i> Haeckel, 1887: 1079	[Quaternary]
N		1	1	S			<i>Tholospyrus fornicata</i> Popofsky, 1913: 309	Living
N	nd	0	1	Sø			<i>Tholospyrus galeata</i> Haeckel, 1887: 1079	[Quaternary]
N	nd	1	1	S			<i>Tholospyrus gephyristes</i> Hülsemann, 1963: 24	Living
N		1	1	S			<i>Tholospyrus infericosta</i> Goll, 1969: 326	Middle Miocene-Late Pliocene
N		1	1	S			<i>Tholospyrus procera</i> Goll, 1969: 328	Early Miocene-Holocene
N		1	1	S		Ts	<i>Tholospyrus ramosa</i> Haeckel, 1887: 1079	[Quaternary]
N	nd	1	1	S			<i>Tholospyrus spinosus</i> Kruglikova, 1974: 193	Pleistocene
N		1	1	S			<i>Tholospyrus tautessares</i> Renaudie & Lazarus, 2016: 50	e. Early Miocene-I. Early Miocene
N		1	1	S		T	<i>Tholospyrus tripodiscus</i> Haeckel, 1887: 1079	[Quaternary]
S	nd	0	1	Sø			<i>Tholostaurus cruciformis</i> Haeckel, 1887: 670	[Quaternary]
S	nd	0	1	Sø			<i>Tholostaurus dodecabelos</i> Haeckel, 1887: 671	[Quaternary]
S	nd	0	1	Sø			<i>Tholostaurus octobelonis</i> Haeckel, 1887: 671	Living
S	nd	0	1	Sø			<i>Tholostaurus polybelonis</i> Haeckel, 1887: 671	Living
S	nd	0	1	Sø		Td	<i>Tholostaurus quadrigatus</i> Haeckel, 1887: 670	Living
S	nd	0	1	Sø		Td	<i>Tholostaurus tetrabelonis</i> Haeckel, 1887: 671	Living
N		1	1	S			<i>Thyrsocyrtis (Pentalacorys) krooni</i> Sanfilippo & Blome, 2001: 207	Middle Eocene
N		1	1	S			<i>Thyrsocyrtis (Pentalacorys) lochites</i> Sanfilippo & Riedel, 1982: 175	I. Middle Eocene-Late Eocene
N		1	1	S			<i>Thyrsocyrtis (Pentalacorys) orthotenes</i> Sanfilippo in Nigrini <i>et al.</i> , 2006: 54	I. Middle Eocene-Late Eocene
N		1	1	S			<i>Thyrsocyrtis (Thyrsocyrtis) norrisi</i> Sanfilippo & Blome, 2001: 207	I. Middle Eocene
N		1	1	S			<i>Thyrsocyrtis (Thyrsocyrtis?) pinguisoides</i> O'Connor, 1999: 29	Late Eocene
N		1	1	S			<i>Thyrsocyrtis? annikae</i> Nishimura, 1992: 356	Middle Paleocene
N		0	1	Su			<i>Thyrsocyrtis anthophora</i> Ehrenberg, 1874b: 260	I. Middle Eocene
N		1	0	Sf	syn		<i>Thyrsocyrtis anthophora</i> Ehrenberg, 1876: 84-85	I. Middle Eocene



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Thyrsochyrtis arborescens</i> Haeckel, 1887: 1350	[Early Miocene]
N		0	1	Su			<i>Thyrsochyrtis bacchabunda</i> Ehrenberg, 1874b: 260	l. Middle Eocene
N		1	0	Sf	syn		<i>Thyrsochyrtis bacchabunda</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
N		0	1	Su			<i>Thyrsochyrtis bromia</i> Ehrenberg, 1874b: 260	l. Middle Eocene
N		1	0	Sf	syn		<i>Thyrsochyrtis bromia</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
N		1	1	S			<i>Thyrsochyrtis clausa</i> Chen, 1975: 463	e. Middle Miocene
N		0	1	Su			<i>Thyrsochyrtis dionysia</i> Ehrenberg, 1874b: 260	l. Middle Eocene
N		1	0	Sf	syn		<i>Thyrsochyrtis dionysia</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
N	nd	0	1	Sø			<i>Thyrsochyrtis furcata</i> Haeckel, 1887: 1351	[Quaternary]
N		1	1	S			<i>Thyrsochyrtis hirsuta robusta</i> Riedel & Sanfilippo, 1970: 526	e. Middle Eocene
N		1	1	S			<i>Thyrsochyrtis hirsuta tensa</i> Foreman, 1973: 442	Eocene
N		0	1	Su			<i>Thyrsochyrtis jacchia</i> Ehrenberg, 1874b: 261	l. Middle Eocene
N		1	0	Sf	syn		<i>Thyrsochyrtis jacchia</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
N		0	1	Su			<i>Thyrsochyrtis lyaea</i> Ehrenberg, 1874b: 261	l. Middle Eocene
N		1	0	Sf	syn		<i>Thyrsochyrtis lyaea</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
N		0	1	Su			<i>Thyrsochyrtis oenovila</i> Ehrenberg, 1874b: 261	l. Middle Eocene
N		1	0	Sf	syn		<i>Thyrsochyrtis oenovila</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
N	nd	0	1	Su			<i>Thyrsochyrtis? pristis</i> Ehrenberg, 1874b: 261	l. Middle Eocene
N	nd	1	0	Sf	syn		<i>Thyrsochyrtis? pristis</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
N		0	1	Su			<i>Thyrsochyrtis reticulata</i> Ehrenberg, 1874b: 262	l. Middle Eocene
N		1	0	Sf	syn		<i>Thyrsochyrtis reticulata</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
N		0	1	Su			<i>Thyrsochyrtis rhizodon</i> Ehrenberg, 1874b: 262	l. Middle Eocene
N		1	0	Sf	syn	T	<i>Thyrsochyrtis rhizodon</i> Ehrenberg, 1876: 84-85	l. Middle Eocene
N		1	1	S			<i>Thyrsochyrtis rhizopodium</i> Haeckel, 1887: 1351	[Quaternary]
N		1	1	S			<i>Thyrsochyrtis tarsipes</i> Foreman, 1973: 442	Eocene
N	nd	0	1	Sø			<i>Thyrsochyrtis trifida</i> Haeckel, 1887: 1352	[Quaternary]
N		1	1	S			<i>Tiarospyris amphora</i> Haeckel, 1887: 1083	[Quaternary]
N	nd	0	1	Sø			<i>Tiarospyris galea</i> Haeckel, 1887: 1082	[Quaternary]
N		1	1	S			<i>Tiarospyris mitra</i> Haeckel, 1887: 1082	[Quaternary]
N		1	1	S		T	<i>Tiarospyris pervia</i> Haeckel, 1887: 1082	[Quaternary]
N		1	1	S		Ts	<i>Toxarium bifurcum</i> Haeckel, 1887: 997	[Quaternary]
N		1	1	S		Ts	<i>Toxarium circospyris</i> Haeckel, 1887: 995	[Quaternary]
N	nd	0	1	Sø			<i>Toxarium constrictum</i> Haeckel, 1887: 996	Living
N		1	1	S		Ts Th	<i>Toxarium cordatum</i> Haeckel, 1887: 996	[Quaternary]
N	nd	0	1	Sø			<i>Toxarium costatum</i> Haeckel, 1887: 997	Living
N	nd	0	1	Sø			<i>Toxarium furcatum</i> Haeckel, 1887: 997	[Quaternary]
N	nd	0	1	Sø			<i>Toxarium pedatum</i> Haeckel, 1887: 997	[Quaternary]
N	nd	0	1	Sø			<i>Toxarium subcirculare</i> Haeckel, 1887: 996	Living
N		1	1	S			<i>Toxarium thorax</i> Haeckel, 1887: 996	[Quaternary]
S		1	1	S			<i>Trematodiscus (Trematodiscus) barbae</i> Middour in Frizzell & Middour, 1951: 24	Late Paleocene
S		1	1	S			<i>Trematodiscus ellipticus</i> Stöhr, 1880: 108	[e. Late Miocene]
S	nd	1	1	S			<i>Trematodiscus haeckeli</i> Bütschli, 1882a: 507	[Eocene]
S		0	1	Su			<i>Trematodiscus helicoides</i> Haeckel, 1861b: 841	Living
S		1	0	Sf	syn	Ts Th	<i>Discospira helicoides</i> Haeckel, 1862: 514	Living
S		1	1	S			<i>Trematodiscus heterocyclus</i> Haeckel, 1862: 493	Living
S		1	1	S		T	<i>Trematodiscus microporus</i> Stöhr, 1880: 108	[e. Late Miocene]
S		0	1	Su			<i>Trematodiscus orbiculatus</i> Haeckel, 1861b: 841	Living
S		1	0	Sf	syn	Ts	<i>Trematodiscus orbiculatus</i> Haeckel, 1862: 492	Living
S		1	1	S			<i>Trematodiscus sorites</i> Haeckel, 1862: 492	Living
S		1	1	S			<i>Triactiscus triaculus</i> Tothilina, 1966: 285	Late Eocene
S	nd	1	1	S			<i>Triactiscus tricuspis</i> Haeckel, 1887: 432	[Early Miocene]
S		1	1	S		T	<i>Triactiscus tripyramis</i> Haeckel, 1887: 432	[Quaternary]
S	nd	1	1	S		Td	<i>Triadiscus caucasicus</i> Krasheninnikov, 1960: 290	Early Eocene
S		1	1	S		Ts	<i>Triastrum aurivilli</i> Cleve, 1901: 53	Living
C		1	1	S		T	<i>Tribonosphaera centripetalis</i> Haeckel, 1887: 98	Living
N		1	1	S			<i>Triceraspyris (Triospyrium?) pacifica</i> Campbell & Clark, 1944: 33	e. Late Miocene
N	nd	0	1	Sø			<i>Triceraspyris arborescens</i> Haeckel, 1887: 1032	Living
N		1	1	S			<i>Triceraspyris corallorrhiza</i> Haeckel, 1887: 1031	[Quaternary]
N		1	1	S			<i>Triceraspyris coronatus</i> Weaver, 1976: 580	l. Late Miocene-Pliocene
N	nd	0	1	Sø			<i>Triceraspyris cortiniscus</i> Haeckel, 1887: 1030	[Quaternary]
N	nd	0	1	Sø		Td	<i>Triceraspyris damaecornis</i> Haeckel, 1887: 1032	[Quaternary]
N		1	1	S			<i>Triceraspyris gazella</i> Haeckel, 1887: 1031	[Living]
N		1	1	S		T	<i>Triceraspyris giraffa</i> Haeckel, 1887: 1031	[Quaternary]
N	nd	0	1	Sø			<i>Triceraspyris longicornis</i> Haeckel, 1887: 1032	[Quaternary]
N	nd	0	1	Sø			<i>Triceraspyris maniculata</i> Haeckel, 1887: 1031	[Quaternary]
N		1	1	S			<i>Triceraspyris palmipodiscus</i> Petrushevskaya in Petrushevskaya & Kozlova, 1979: 157	Eocene-Early Oligocene
N	nd	0	1	Sø		Td	<i>Triceraspyris tripodiscus</i> Haeckel, 1887: 1030	[Quaternary]
N		1	1	S			<i>Tricolocampe (Tricolocamptra) sanpedroana</i> Campbell & Clark, 1944: 50	e. Late Miocene
N	nd	1	1	S			<i>Tricolocampe amphizona</i> Haeckel, 1887: 1413	[Quaternary]
N	nd	0	1	Sø			<i>Tricolocampe cingulata</i> Haeckel, 1887: 1414	[Early Miocene]

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S		Ts	<i>Tricolocampe cylindrica</i> Haeckel, 1887: 1412	[Quaternary]
N	nd	0	1	Sø			<i>Tricolocampe doliolum</i> Haeckel, 1887: 1414	[Eocene]
N		1	1	S			<i>Tricolocampe polyzona</i> Haeckel, 1887: 1412	[Quaternary]
N		1	1	S			<i>Tricolocampe stenozona</i> Haeckel, 1887: 1413	[Quaternary]
N		1	1	S		T	<i>Tricolocampe urnula</i> Haeckel, 1887: 1413	[Quaternary]
N	nd	1	1	S			<i>Tricolocampe vitrea</i> Krasheninnikov, 1960: 299	Early Eocene
N	nd	0	1	Sø			<i>Tricolocapsa browni</i> Haeckel, 1887: 1433	[Eocene]
N	nd	1	1	S			<i>Tricolocapsa decandollei</i> Haeckel, 1887: 1433	[Quaternary]
N	nd	1	1	S			<i>Tricolocapsa dioscoridis</i> Haeckel, 1887: 1432	[Quaternary]
N		1	1	S			<i>Tricolocapsa elliptica</i> Vinassa de Regny, 1900: 584	I. Early Miocene
N		1	1	S			<i>Tricolocapsa hexagonata</i> Vinassa de Regny, 1900: 584	I. Early Miocene
N	nd	1	1	S			<i>Tricolocapsa lageniformis</i> Borisenko, 1960b: 231	Early Eocene
N	nd	1	1	S			<i>Tricolocapsa linnaei</i> Haeckel, 1887: 1432	[Quaternary]
N	nd	1	1	S			<i>Tricolocapsa pagodiformis</i> Lipman, 1953: 154	Middle Eocene
N	nd	1	1	S			<i>Tricolocapsa parva</i> Vinassa de Regny, 1900: 584	I. Early Miocene
N	nd	1	1	S			<i>Tricolocapsa paucipora</i> Vinassa de Regny, 1900: 584	I. Early Miocene
N	nn	1	0	S			<i>Tricolocapsa punctulata</i> Gorbunov, 1979	Late Eocene
N	nd	1	1	S		Td	<i>Tricolocapsa schleideni</i> Haeckel, 1887: 1433	[Quaternary]
N		1	1	S		Ti	<i>Tricolocapsa theophrasti</i> Haeckel, 1887: 1432	[Quaternary]
N		1	1	S			<i>Tricolospyris baconiana</i> Haeckel, 1887: 1098	[Quaternary]
N		1	1	S			<i>Tricolospyris baconiana complanata</i> Caulet, 1979: 135	Late Pliocene
N		1	1	S			<i>Tricolospyris baconiana seychelli</i> Caulet, 1979: 135	e. Early Pleistocene-Middle Pleistocene
N		1	1	S		T	<i>Tricolospyris kantiana</i> Haeckel, 1887: 1098	[Quaternary]
N		1	1	S			<i>Tricolospyris leibnitziana</i> Haeckel, 1887: 1098	[Quaternary]
N		1	1	S			<i>Tricolospyris newtoniana</i> Haeckel, 1887: 1098	[Quaternary]
E		1	1	S		T	<i>Tricorporisphaera bibula</i> O'Connor, 1999: 5	Late Eocene
S		1	1	S		T	<i>Tricranastrum wyvillei</i> Haeckel, 1879: 705	
N		1	1	S		Ts	<i>Tricyclidium dictyospyris</i> Haeckel, 1887: 984	[Quaternary]
N	nd	0	1	Sø			<i>Tricyclidium semantrum</i> Haeckel, 1887: 985	[Quaternary]
N		1	1	S			<i>Tridictyopus conulus</i> Haeckel, 1887: 1145	[Quaternary]
N		1	1	S		T	<i>Tridictyopus elegans</i> Hertwig, 1879: 203	Living
N		1	1	S			<i>Tridictyopus vatillum</i> Haeckel, 1887: 1145	[Quaternary]
S		1	1	S			<i>Trigonactura? angusta</i> Riedel, 1959: 292	Early Oligocene
S	nd	0	1	Sø			<i>Trigonactura lanceolata</i> Haeckel, 1887: 472	Living
S	nd	1	1	S			<i>Trigonactura rhopalastrella</i> Haeckel, 1887: 471	Living
S		1	1	S		Ts	<i>Trigonactura triacantha</i> Haeckel, 1887: 472	[Quaternary]
S	nd	0	1	Sø			<i>Trigonactura trigonobrachia</i> Haeckel, 1887: 472	[Living]
S	nd	1	1	S			<i>Trigonactura trigonodiscus</i> Haeckel, 1887: 472	Living
S	nd	0	1	Sø			<i>Trigonactura trixiphos</i> Haeckel, 1887: 473	Eocene-Oligocene
S		1	1	S		T	<i>Trigonastrum regulare</i> Haeckel, 1887: 539	Living
S		1	1	S			<i>Trigonocyclus prima</i> Kozlova in Petrushevskaya & Kozlova, 1972: 524	I. Middle Eocene
S		1	1	S		Ts	<i>Trigonocyclus triangularis</i> Haeckel, 1887: 464	[Quaternary]
S		1	1	S			<i>Trilobatum acuferum</i> Popofsky, 1912: 132	Living
S		1	1	S		Ts	<i>Trilobatum tribracchium</i> Popofsky, 1912: 133	Living
S		1	1	S		T	<i>Trimanicula centropina</i> Dumitrica, 1991: 52	Early Oligocene-Early Pliocene
S		1	1	S			<i>Trimanicula penultima</i> Dumitrica, 1991: 54	Early Paleocene
S	nd	0	1	Sø			<i>Triodiscus lenticula</i> Haeckel, 1887: 566	Living
S		1	1	S		Ts	<i>Triodiscus spinosus</i> Haeckel, 1887: 567	Living
S	nd	0	1	Sø			<i>Triodiscus trigonus</i> Haeckel, 1887: 567	[Quaternary]
S		1	1	S			<i>Triodiscus variabilis</i> Popofsky, 1908: 225	Living
S	nd	0	1	Sø			<i>Triolena hexabelone</i> Haeckel, 1887: 564	Living
S		1	1	S		Ts	<i>Triolena primordialis</i> Haeckel, 1887: 564	[Quaternary]
S	nd	0	1	Sø			<i>Triolena tribelone</i> Haeckel, 1887: 564	[Quaternary]
S	nd	0	1	Sø			<i>Triolena trigonalis</i> Haeckel, 1887: 564	Living
S	nd	0	1	Sø			<i>Triolena trispinosa</i> Haeckel, 1887: 564	Living
S	nd	0	1	Sø		Td	<i>Triopyle circulus</i> Haeckel, 1887: 565	[Quaternary]
S	nd	0	1	Sø			<i>Triopyle cordigera</i> Haeckel, 1887: 565	Living
S		1	1	S			<i>Triopyle hexagona</i> Haeckel, 1887: 565	[Quaternary]
S	nd	0	1	Sø			<i>Triopyle renigera</i> Haeckel, 1887: 566	Living
S	nd	0	1	Sø			<i>Triopyle spinigera</i> Haeckel, 1887: 566	Living
S	nd	0	1	Sø			<i>Triopyle trigona</i> Haeckel, 1887: 565	[Quaternary]
N	nd	1	1	S			<i>Triospyrium scopae</i> Kozlova, 1999: 172	Late Paleocene-Early Eocene
N		1	1	S			<i>Tripilidium (Tristylocoys) clavipes</i> Clark & Campbell, 1942: 64	e. Middle Eocene
N		1	1	S			<i>Tripilidium (Tristylocoys) clavipes advena</i> Clark & Campbell, 1945: 34	e. Middle Eocene
N		1	1	S			<i>Tripilidium (Tristylocoys) longipes</i> Clark & Campbell, 1942: 63	e. Middle Eocene
N		1	1	S			<i>Tripilidium (Tristylocoys) longipes brevipes</i> Clark & Campbell, 1942: 63	e. Middle Eocene
N		1	1	S			<i>Tripilidium (Tristylocoys) longipes longipes</i> Clark & Campbell, 1942: 63	e. Middle Eocene
N	nd	0	1	Sø			<i>Tripilidium cladopodium</i> Haeckel, 1887: 1142	[Quaternary]
N		1	1	S			<i>Tripilidium cladopodium exiguum</i> Riedel, 1953: 810	I. Late Miocene
N	nd	0	1	Sø			<i>Tripilidium clavatum</i> Haeckel, 1887: 1141	[Early Miocene]

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Tripilidium clavipes sibirica</i> Kozlova in Kozlova & Gorbovetz, 1966: 99	Late Eocene
N	nd	0	1	Sø			<i>Tripilidium cortina</i> Haeckel, 1887: 1140	[Quaternary]
N		1	1	S		T	<i>Tripilidium costatum</i> Haeckel, 1887: 1141	[Quaternary]
N	nd	0	1	Sø			<i>Tripilidium dichopodium</i> Haeckel, 1887: 1142	[Quaternary]
N	nd	0	1	Sø			<i>Tripilidium elongatum</i> Haeckel, 1887: 1142	[Eocene]
N	nd	0	1	Sø			<i>Tripilidium hemisphaericum</i> Haeckel, 1887: 1140	[Quaternary]
N	nd	0	1	Sø			<i>Tripilidium lychnocanium</i> Haeckel, 1887: 1141	[Quaternary]
N	nd	0	1	Sø			<i>Tripilidium ovatum</i> Haeckel, 1887: 1141	[Quaternary]
N	nd	0	1	Sø			<i>Triplagia horizontalis</i> Haeckel, 1887: 909	[Quaternary]
N		1	1	S		Ts	<i>Triplagia primordialis</i> Haeckel, 1887: 909	[Quaternary]
N	nd	0	1	Sø			<i>Triplagia triradialis</i> Haeckel, 1887: 909	Living
N		1	1	S			<i>Triplecta triactis</i> Haeckel, 1887: 922	[Quaternary]
N	nd	0	1	Sø		Td	<i>Triplecta triangulum</i> Haeckel, 1887: 921	[Quaternary]
N		1	1	S			<i>Tripocalpis cassidus</i> Nishimura, 1992: 330	Middle Paleocene
N		1	1	S			<i>Tripocalpis cortinaris</i> Haeckel, 1887: 1137	[Living]
N	nd	0	1	Sø		Td	<i>Tripocalpis plectaniscus</i> Haeckel, 1887: 1136	[Quaternary]
N		1	1	S			<i>Tripocalpis simplex</i> Nishimura, 1992: 331	Middle Paleocene
N	nd	0	1	Sø			<i>Tripocalpis tricostata</i> Haeckel, 1887: 1136	[Eocene]
N	nd	1	1	S			<i>Tripocalpis triserrata</i> Haeckel, 1887: 1136	[Quaternary]
N	nd	1	1	S			<i>Tripocyrtis curtidiscus</i> Clark & Campbell, 1942: 68	e. Middle Eocene
N		1	1	S		Ts	<i>Tripocyrtis plagoniscus</i> Haeckel, 1887: 1201	Living
N		1	1	S			<i>Tripocyrtis plectaniscus</i> Haeckel, 1887: 1202	Living
N		1	1	S			<i>Tripocyrtis pteides</i> Renz, 1976: 126	Living
N	nd	0	1	Sø			<i>Tripocyrtis tripodiscus</i> Haeckel, 1887: 1202	Living
S		1	1	S			<i>Tripodictya triacantha</i> Haeckel, 1887: 505	[Quaternary]
S	nd	1	1	S			<i>Tripodictya tribelonia</i> Haeckel, 1887: 505	Living
S		1	1	S		T	<i>Tripodictya trigonaria</i> Haeckel, 1887: 505	[Quaternary]
N		1	1	S			<i>Tripodiscinus? callosus</i> Kozlova, 1999: 109	I. Middle Eocene
N		1	1	S			<i>Tripodiscinus cladoscenium</i> Petrushevskaya & Kozlova, 1979: 116	Early Eocene
N	nd	1	1	S			<i>Tripodiscinus octopus</i> Kozlova, 1999: 110	Early Eocene-Middle Eocene
N	nd	1	1	S			<i>Tripodiscinus reticulatus</i> Kozlova, 1983: 100	Early Paleocene
N		1	1	S			<i>Tripodiscinus? semenovi</i> Kozlova, 1999: 110	Middle Eocene?
N		1	1	S			<i>Tripodiscinus sengilensis</i> Kozlova, 1984a: 207	Late Paleocene-Early Eocene
N	nd	1	1	S			<i>Tripodiscinus? sibiricus</i> Kozlova, 1984a: 210	Late Paleocene?-Early Eocene
N		1	1	S			<i>Tripodiscinus trilobatus</i> Kozlova, 1983: 101	Early Paleocene
N	nd	0	1	Sø			<i>Tripodiscium clavatum</i> Haeckel, 1887: 1143	[Quaternary]
N	nd	0	1	Sø			<i>Tripodiscium furcatum</i> Haeckel, 1887: 1144	[Quaternary]
N	nd	1	1	S			<i>Tripodiscium globosum</i> Vinassa de Regny, 1900: 579	I. Early Miocene
N	nd	0	1	Sø			<i>Tripodiscium ovatum</i> Haeckel, 1887: 1143	[Quaternary]
N		1	1	S			<i>Tripodiscium ramosum</i> Haeckel, 1887: 1144	[Quaternary]
N		1	1	S		Ts	<i>Tripodiscium sphaerocephalum</i> Haeckel, 1887: 1144	[Quaternary]
N		1	1	S		T	<i>Tripodiscium tristylospyris</i> Haeckel, 1887: 1143	[Quaternary]
N		1	1	S		T	<i>Tripodocyrtis elegans</i> Funakawa, 1994: 474	Late Miocene-Early Pliocene
N		1	1	S			<i>Tripodocyrtis umbellaris</i> Funakawa, 1995a: 32	I. Early Miocene
N	nd	0	1	Sø		Td	<i>Tripodonium campanulatum</i> Haeckel, 1887: 1137	[Quaternary]
N	nd	1	1	S			<i>Tripodonium caputmortis</i> Vinassa de Regny, 1900: 579	I. Early Miocene
N	nd	0	1	Sø			<i>Tripodonium ovatum</i> Haeckel, 1887: 1137	[Quaternary]
N		1	1	S		T	<i>Tripophaenoscenium laimingi</i> Campbell & Clark, 1944: 38	e. Late Miocene
N	nd	1	1	S			<i>Tripospyris (Tripospyrantha) dubia</i> Clark & Campbell, 1942: 54	e. Middle Eocene
N	nd	1	1	S			<i>Tripospyris (Tripospyrella) clathrata</i> Clark & Campbell, 1942: 53	e. Middle Eocene
N		1	1	S			<i>Tripospyris (Tripospyrella) crassipes</i> Clark & Campbell, 1942: 54	e. Middle Eocene
N	nd	1	1	S			<i>Tripospyris (Tripospyrella) lamellipes</i> Clark & Campbell, 1942: 59	e. Middle Eocene
N	nd	1	1	S			<i>Tripospyris (Tripospyrella) sacramentoensis</i> Clark & Campbell, 1945: 30	e. Middle Eocene
N		1	1	S			<i>Tripospyris angulata</i> Popofsky, 1913: 305	Living
N		1	1	S			<i>Tripospyris bicornis</i> Popofsky, 1908: 269	Living
N		1	1	S			<i>Tripospyris biloculata</i> Popofsky, 1908: 269	Living
N	nd	1	1	S			<i>Tripospyris byzantina</i> Vinassa de Regny, 1900: 577	I. Early Miocene
N		1	1	S			<i>Tripospyris capellini</i> Vinassa de Regny, 1900: 577	I. Early Miocene
N		1	1	S			<i>Tripospyris capitata</i> Haeckel, 1887: 1028	[Quaternary]
N		1	1	S		Ts	<i>Tripospyris confifera</i> Haeckel, 1887: 1027	[Quaternary]
N	nd	1	1	S		Td Ti	<i>Tripospyris cortina</i> Haeckel, 1887: 1025	[Quaternary]
N		1	1	S			<i>Tripospyris cortiniscus</i> Haeckel, 1887: 1026	[Quaternary]
N	nd	1	1	S			<i>Tripospyris diadema</i> Popofsky, 1913: 304	Living
N		1	1	S			<i>Tripospyris diomma</i> Haeckel, 1887: 1026	[Quaternary]
N		1	1	S			<i>Tripospyris eucolpos</i> Haeckel, 1887: 1029	[Living]
N		1	1	S			<i>Tripospyris furcata</i> Haeckel, 1887: 1029	[Quaternary]
N		1	1	S			<i>Tripospyris galea</i> Brandt in Wetzels, 1936: 58	Late Eocene
N	nd	1	1	S		Td	<i>Tripospyris hexomma</i> Haeckel, 1887: 1028	[Quaternary]
N	nd	1	1	S			<i>Tripospyris karakumensis</i> Moksyakova, 1961: 245	Late Eocene
N	nd	1	1	S			<i>Tripospyris mutinensis</i> Vinassa de Regny, 1900: 577	I. Early Miocene

Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N	nd	0	1	Sø			<i>Tripospyris semantidium</i> Haeckel, 1887: 1029	[Quaternary]
N		1	1	S			<i>Tripospyris semantis</i> Haeckel, 1887: 1026	[Quaternary]
N	nd	1	1	S		Td	<i>Tripospyris semantrum</i> Haeckel, 1887: 1027	Living
N	nd	0	1	Sø			<i>Tripospyris tessaromma</i> Haeckel, 1887: 1028	[Quaternary]
N	nd	1	1	S			<i>Tripospyris triplex</i> Haeckel, 1887: 1027	Living
N		1	1	S			<i>Tripterocalpis conoptera</i> Haeckel, 1887: 1138	[Quaternary]
N		1	1	S			<i>Tripterocalpis ogmoptera</i> Haeckel, 1887: 1138	[Quaternary]
N		1	1	S		T	<i>Tripterocalpis phylloptera</i> Haeckel, 1887: 1138	[Quaternary]
C	nn	0	0	Sø			<i>Trisolenia aspera</i> Ehrenberg, 1861a: 769	Holocene
C		1	1	S			<i>Trisolenia combinata</i> Bjørklund & Goll, 1979: 1324	e. Middle Miocene
C	nn	0	0	Sp	pre		<i>Trisolenia megalactis</i> Ehrenberg, 1861a: 769	
C		0	1	Su			<i>Trisolenia megalactis</i> Ehrenberg, 1873a: 321	Holocene
C		1	0	Sf	syn	Ts	<i>Trisolenia megalactis</i> Ehrenberg, 1873b: 300-301	Holocene
C		1	1	S			<i>Trisolenia megalactis costlowi</i> Bjørklund & Goll, 1979: 1322	Middle Miocene
C	nn	0	0	Sp	pre		<i>Trisolenia micractis</i> Ehrenberg, 1861a: 769	
C		0	1	Su			<i>Trisolenia micractis</i> Ehrenberg, 1873a: 321	Holocene
C		1	0	Sf	syn		<i>Trisolenia micractis</i> Suzuki <i>et al.</i> , 2009a	Holocene
C		0	1	Su			<i>Trisolenia zanguebarica</i> Ehrenberg, 1873a: 321	Holocene
C		1	0	Sf	syn	T	<i>Trisolenia zanguebarica</i> Ehrenberg, 1873b: 300-301	Holocene
N		1	1	S			<i>Trissocircus binellipsis</i> Haeckel, 1887: 985	[Early Miocene]
N		1	1	S		Ts	<i>Trissocircus globus</i> Haeckel, 1887: 986	[Early Miocene]
N		1	1	S		Ts	<i>Trissocircus lentellipsis</i> Haeckel, 1887: 985	[Quaternary]
N	nd	0	1	Sø			<i>Trissocircus octahedrus</i> Haeckel, 1887: 986	[Quaternary]
N		1	1	S			<i>Trissocircus octostoma</i> Haeckel, 1887: 986	Living
N		1	1	S		Ts	<i>Trissocyclus sphaeridium</i> Haeckel, 1887: 987	Living
N		1	1	S		T	<i>Trissocyclus stauroporus</i> Haeckel, 1887: 987	[Quaternary]
N	nd	0	1	Sø			<i>Trissocyclus triaxonius</i> Haeckel, 1887: 987	[Quaternary]
N	nd	0	1	Sø			<i>Trissopilium lithomelissa</i> Haeckel, 1887: 1139	[Quaternary]
N	nd	0	1	Sø		Td	<i>Trissopilium tetraplecta</i> Haeckel, 1887: 1139	[Early Miocene]
N		1	1	S		Ts	<i>Tristephanium dimensivum</i> Haeckel, 1887: 983	[Quaternary]
N	nd	1	1	S			<i>Tristephanium octopyle</i> Haeckel, 1887: 983	[Quaternary]
N		1	1	S		Ts	<i>Tristephanium quadricorne</i> Haeckel, 1887: 984	[Quaternary]
N	nd	1	1	S			<i>Tristylospyris (Tristylospyrula) balboaensis</i> Campbell & Clark, 1944: 34	e. Late Miocene
N	nd	1	1	S			<i>Tristylospyris (Tristylospyrula) brevipes</i> Clark & Campbell, 1945: 30	e. Middle Eocene
N	nd	1	1	S			<i>Tristylospyris (Tristylospyrula) fenestrata</i> Clark & Campbell, 1945: 30	e. Middle Eocene
N	nd	1	1	S			<i>Tristylospyris (Tristylospyrula) herdisae</i> Campbell & Clark, 1944: 34	e. Late Miocene
N	nd	1	1	S			<i>Tristylospyris (Tristylospyrula) lagunae</i> Campbell & Clark, 1944: 35	e. Late Eocene
N	nd	1	1	S			<i>Tristylospyris (Tristylospyrula) lunadae</i> Campbell & Clark, 1944: 34	e. Late Miocene
N	nd	1	1	S			<i>Tristylospyris (Tristylospyrula?) neogamos</i> Clark & Campbell, 1945: 31	e. Middle Eocene
N		1	1	S			<i>Tristylospyris beringensis</i> Chen <i>et al.</i> , 2017: 276	Late Pleistocene
N	nd	1	1	S			<i>Tristylospyris bursa</i> Vinassa de Regny, 1900: 578	l. Early Miocene
N	nd	1	1	S			<i>Tristylospyris clavipes</i> Haeckel, 1887: 1033	[Quaternary]
N	nd	0	1	Sø			<i>Tristylospyris furcata</i> Haeckel, 1887: 1034	Living
N		1	1	S		Ts	<i>Tristylospyris palmipes</i> Haeckel, 1887: 1033	[Quaternary]
N		1	1	S		Ts	<i>Tristylospyris ramosa</i> Haeckel, 1887: 1034	[Quaternary]
N	nd	1	1	S			<i>Tristylospyris raripora</i> Principi, 1909: 14	Middle Miocene
N		1	1	S			<i>Tristylospyris scaphipes</i> Haeckel, 1887: 1033	[Quaternary]
N	nd	1	1	S			<i>Tristylospyris sphaerococcus</i> Carnevale, 1908: 28	e. Middle Miocene
N		1	1	S			<i>Tristylospyris tripodiscium</i> Haeckel, 1887: 1034	[Early Miocene]
N		1	1	S			<i>Trisulcus boldyrae</i> Petrushevskaya, 1971: 145	Living
N		1	1	S			<i>Trisulcus halipleumon</i> Renaudie & Lazarus, 2013: 77	Late Oligocene-Early Miocene
N		1	1	S			<i>Trisulcus pinguiculus</i> Renaudie & Lazarus, 2012: 49	Early Miocene-Middle Miocene
N		1	1	S			<i>Trisulcus testudus</i> Petrushevskaya, 1971: 143	Living
N		1	1	S		Ts	<i>Trisulcus triacanthus</i> Popofsky, 1913: 354	Living
S	nd	0	1	Sø		Td	<i>Trizonium amphibelonium</i> Haeckel, 1887: 638	Living
S	nd	0	1	Sø			<i>Trizonium constrictum</i> Haeckel, 1887: 637	Living
S	nd	0	1	Sø			<i>Trizonium decabelonium</i> Haeckel, 1887: 639	Living
S	nd	0	1	Sø			<i>Trizonium dodecabelos</i> Haeckel, 1887: 640	Living
S	nd	0	1	Sø			<i>Trizonium hexabelonium</i> Haeckel, 1887: 639	[Quaternary]
S	nd	0	1	Sø			<i>Trizonium hexagonium</i> Haeckel, 1887: 638	Living
S	nd	0	1	Sø			<i>Trizonium octobelonium</i> Haeckel, 1887: 639	Living
S	nd	0	1	Sø			<i>Trizonium octogonium</i> Haeckel, 1887: 638	Living
S	nd	0	1	Sø			<i>Trizonium pleurobelonium</i> Haeckel, 1887: 638	Living
S	nd	0	1	Sø			<i>Trizonium staurobelonium</i> Haeckel, 1887: 639	Living
S		1	1	S		Ts	<i>Trizonium tricinctum</i> Haeckel, 1887: 637	[Quaternary]
S	nd	1	1	S			<i>Trochodiscus accomodatus</i> Moksyakova, 1970: 145	Late Eocene
S	nd	1	1	S			<i>Trochodiscus aculeatus</i> Borisenko, 1958: 94	Paleocene
S	nd hom	1	1	S			<i>Trochodiscus aculeatus</i> Moksyakova, 1965: 250	Late Eocene
S	nd	0	1	Sø		Td	<i>Trochodiscus cenophacus</i> Haeckel, 1887: 417	[Quaternary]
S	nd	0	1	Sø			<i>Trochodiscus cingillum</i> Haeckel, 1887: 419	[Quaternary]



## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	1	1	S			<i>Trochodiscus concentricus</i> Borisenko, 1960a: 204	Late Paleocene
S		1	1	S			<i>Trochodiscus? decoratus</i> Borisenko, 1958: 94	Late Paleocene
S	nd	1	1	S			<i>Trochodiscus dilatatus</i> Moksyakova, 1970: 146	Late Eocene
S	nd	0	1	Sø			<i>Trochodiscus echiniscus</i> Haeckel, 1887: 418	Living
S		1	1	S			<i>Trochodiscus exilis</i> Krasheninnikov, 1960: 286	Early Eocene
S		1	1	S			<i>Trochodiscus exornatus</i> Krasheninnikov, 1960: 288	Early Eocene
S	nd	1	1	S			<i>Trochodiscus extensus</i> Moksyakova, 1970: 145	Late Eocene
S		1	1	S			<i>Trochodiscus helioides</i> Cleve, 1899: 34	Living
S	nd	1	1	S			<i>Trochodiscus hoplites</i> Lipman, 1953: 141	Late Eocene
S	nd	0	1	Sø			<i>Trochodiscus medusinus</i> Haeckel, 1887: 417	[Quaternary]
S		1	1	S			<i>Trochodiscus microporius</i> Chediya, 1957: 35	Late Eocene
S	nd	0	1	Sø			<i>Trochodiscus odontotrochus</i> Haeckel, 1887: 418	[Quaternary]
S	nd	1	1	S			<i>Trochodiscus paleogenicus</i> Lipman in Lipman <i>et al.</i> , 1960: 82	Late Eocene
S		1	1	S			<i>Trochodiscus? sagittipotens</i> Krasheninnikov, 1960: 287	Early Eocene
S	nd	0	1	Sø			<i>Trochodiscus solaris</i> Haeckel, 1887: 418	[Quaternary]
S	nd	1	1	S			<i>Trochodiscus spinosus</i> Borisenko, 1958: 95	Paleocene
S	nd	1	1	S			<i>Trochodiscus splendidus</i> Lipman, 1949: 115	e. Middle Eocene
S	nd	1	1	S		Td	<i>Trochodiscus stellaris</i> Haeckel, 1887: 418	[Early Miocene]
C		1	1	S			<i>Trypanosphaera brachysiphon</i> Cleve, 1900b: 13	Living
C		1	1	S		Ts	<i>Trypanosphaera coronata</i> Haeckel, 1887: 110	[Quaternary]
C	nd	0	1	Sø			<i>Trypanosphaera dentata</i> Haeckel, 1887: 110	[Quaternary]
C	nd	0	1	Sø			<i>Trypanosphaera terebrata</i> Haeckel, 1887: 110	[Quaternary]
C		1	1	S			<i>Trypanosphaera transformata</i> Haeckel, 1887: 111	Living
C		1	1	S		Ts	<i>Trypanosphaera trepanata</i> Haeckel, 1887: 110	[Early Miocene]
S		1	1	S		T	<i>Tubosphaera quadrispina</i> Popofsky, 1917: 268	Living
N		1	1	S			<i>Tympanidium barbadense</i> Haeckel, 1887: 1004	[Late Eocene]
N		1	1	S		T	<i>Tympanidium binocotnum</i> Haeckel, 1887: 1004	[Quaternary]
N		1	1	S		Ts Ti	<i>Tympanidium foliosum</i> Haeckel, 1887: 1003	Quaternary
N	nd	0	1	Sø			<i>Tympanidium spinosum</i> Haeckel, 1887: 1003	[Quaternary]
N	nd	0	1	Sø			<i>Tympanidium staurocircum</i> Haeckel, 1887: 1004	[Quaternary]
N	nd	0	1	Sø			<i>Tympaniscus bipes</i> Haeckel, 1887: 1001	[Quaternary]
N	nd	0	1	Sø		Td	<i>Tympaniscus corona</i> Haeckel, 1887: 1001	[Quaternary]
N	nd	1	1	S			<i>Tympaniscus dipodiscus</i> Haeckel, 1887: 1001	[Early Miocene]
N	nd	0	1	Sø			<i>Tympaniscus dodecaster</i> Haeckel, 1887: 1002	[Quaternary]
N	nd	1	1	S			<i>Tympaniscus quadrupes</i> Haeckel, 1887: 1002	[Quaternary]
N	nd	1	1	S			<i>Tympaniscus tripodiscus</i> Haeckel, 1887: 1002	[Quaternary]
N	nn	0	0	Sp	pre		<i>Udan undulata</i> Renz, 1974: 799	
N		1	1	S		T	<i>Udan undulata</i> Renz, 1976: 128	Living
N		1	1	S		T	<i>Valkyria pukapuka</i> O'Connor, 1997a: 74	Early Oligocene-e. Early Miocene
N		1	1	S			<i>Velicucullus altus</i> Abelmann, 1990: 698	e. Early Miocene
N		1	1	S			<i>Velicucullus fragilis</i> O'Connor, 1999: 18	Late Eocene
N		1	1	S			<i>Velicucullus oddgurneri</i> Bjørklund, 1976a: 1126	I. Early Miocene
N		1	1	S			<i>Velicucullus? palaeocenica</i> Nishimura, 1992: 331	Middle Paleocene
N		1	1	S		Ts	<i>Verticillata hexacantha</i> Popofsky, 1913: 282	Living
N		1	1	S		T	<i>Verutotholus doigi</i> O'Connor, 1999: 14	Late Eocene
N		1	1	S			<i>Verutotholus edwardsi</i> O'Connor, 1999: 15	Late Eocene
N		1	1	S			<i>Verutotholus mackayi</i> O'Connor, 1999: 16	Late Eocene
C	nd	0	1	Sø		Td	<i>Xanthiosphaera capillacea</i> Haeckel, 1887: 119	[Quaternary]
C		1	1	S			<i>Xanthiosphaera erinacea</i> Haeckel, 1887: 120	[Quaternary]
C		1	1	S			<i>Xanthiosphaera lappacea</i> Haeckel, 1887: 120	[Quaternary]
S		1	1	S		Ts	<i>Xiphatractus armadillo</i> Haeckel, 1887: 332	[Quaternary]
S	nd	1	1	S			<i>Xiphatractus brevispina</i> Carnevale, 1908: 20	e. Middle Miocene
S	nd	0	1	Sø		Td	<i>Xiphatractus chlamydothorus</i> Haeckel, 1887: 333	Living
S	nd	0	1	Sø			<i>Xiphatractus dasyopus</i> Haeckel, 1887: 333	Living
S	nd	0	1	Sø			<i>Xiphatractus euphractus</i> Haeckel, 1887: 332	[Quaternary]
S		1	1	S			<i>Xiphatractus glyptodon</i> Haeckel, 1887: 334	Living
E		1	1	S			<i>Xiphatractus mirificus</i> Mamedov, 1969b: 100	I. Middle Eocene
S		1	1	S			<i>Xiphatractus spumeus</i> Dumitrica, 1973a: 833	e. Early Pleistocene
S		1	1	S			<i>Xiphatractus stahli</i> Dreyer, 1889: 53	[Quaternary]
S		1	1	S			<i>Xiphatractus trachypholius</i> Chen & Tan, 1989: 6	Holocene
S		1	1	S			<i>Xiphatractus umbilicatus</i> Dreyer, 1889: 54	[Quaternary]
S		1	1	S			<i>Xiphatractus visendus</i> Kozlova in Kozlova & Gorbovetz, 1966: 64	Late Eocene
S		1	1	S			<i>Xiphatractus xiphydrion</i> Chen, 1987: 224	Holocene
N		1	1	S		Ts	<i>Xiphobotrys clavata</i> Tchang & Tan, 1965: 17	[Quaternary]
N		1	1	S			<i>Xiphobotrys passerina</i> Tchang & Tan, 1965: 18	Living
S		1	1	S			<i>Xiphodictya (Xiphodictyon) amphixiphos</i> Clark & Campbell, 1942: 43	e. Middle Eocene
S		1	1	S			<i>Xiphodictya amphibelonia</i> Haeckel, 1887: 503	[Quaternary]
S		1	1	S		Ts	<i>Xiphodictya amphirrhopalia</i> Haeckel, 1887: 504	[Quaternary]
S	nd	0	1	Sø			<i>Xiphodictya heliospira</i> Haeckel, 1887: 504	Living
S		1	1	S		Ts	<i>Xiphodictya staurospira</i> Haeckel, 1887: 504	[Living]

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O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
S	nd	1	1	S			<i>Xiphosphaera (Xiphosphaera) clarki</i> Middour in Frizzell & Middour, 1951: 13	Late Paleocene
S	nd	1	1	S			<i>Xiphosphaera apenninica</i> Vinassa de Regny, 1900: 569	I. Early Miocene
S	nd	1	1	S			<i>Xiphosphaera appenninica longistylus</i> Principi, 1909: 6	Middle Miocene
S	nd	0	1	Sø			<i>Xiphosphaera astraea</i> Haeckel, 1887: 126	Living
S	nd	0	1	Sø		Td	<i>Xiphosphaera ceres</i> Haeckel, 1887: 126	Living
S	nd	0	1	Sø			<i>Xiphosphaera clavigera</i> Haeckel, 1887: 126	[Quaternary]
S	nd	0	1	Sø			<i>Xiphosphaera euphrosyne</i> Haeckel, 1887: 124	[Quaternary]
S	nd	0	1	Sø			<i>Xiphosphaera flora</i> Haeckel, 1887: 125	[Quaternary]
S		1	1	S		Ts	<i>Xiphosphaera gaea</i> Haeckel, 1887: 123	[Quaternary]
S	nd	0	1	Sø			<i>Xiphosphaera gigantea</i> Haeckel, 1887: 125	[Early Miocene]
S	nd	0	1	Sø			<i>Xiphosphaera hebe</i> Haeckel, 1887: 124	[Quaternary]
S		1	1	S			<i>Xiphosphaera irinae</i> Lipman in Lipman <i>et al.</i> , 1960: 75	Late Eocene
S	nd	0	1	Sø			<i>Xiphosphaera junco</i> Haeckel, 1887: 125	[Eocene]
S	nd	1	1	S			<i>Xiphosphaera? longa</i> Borisenko, 1959: 35	Late Eocene
S	nd	0	1	Sø			<i>Xiphosphaera luna</i> Haeckel, 1887: 123	Living
S	nd	0	1	Sø			<i>Xiphosphaera maxima</i> Haeckel, 1887: 124	[Quaternary]
S		1	1	S			<i>Xiphosphaera micra</i> Lipman in Lipman <i>et al.</i> , 1960: 74	Late Eocene
S	nd	1	1	S			<i>Xiphosphaera mutinensis</i> Vinassa de Regny, 1900: 569	I. Early Miocene
E		1	1	S		Ts	<i>Xiphosphaera pallas</i> Haeckel, 1887: 124	[Quaternary]
S	nd	0	1	Sø			<i>Xiphosphaera planeta</i> Haeckel, 1887: 123	[Quaternary]
S		1	1	S			<i>Xiphosphaera tesseractis</i> Dreyer, 1913: 10	Living
E		1	1	S			<i>Xiphosphaera venus</i> Haeckel, 1887: 123	[Quaternary]
S		1	1	S		Ts	<i>Xiphosphaera vesta</i> Haeckel, 1887: 126	[Quaternary]
S		1	1	S			<i>Xiphostylus alauda</i> Haeckel, 1887: 128	[Quaternary]
S		1	1	S			<i>Xiphostylus alca</i> Haeckel, 1887: 130	[Living]
S	nd	1	1	S			<i>Xiphostylus alcedo</i> Haeckel, 1887: 127	[Quaternary]
N		1	1	S			<i>Xiphostylus anHINGA</i> Haeckel, 1887: 128	[Quaternary]
S	nd	0	1	Sø			<i>Xiphostylus ardea</i> Haeckel, 1887: 131	Living
S	nd	0	1	Sø			<i>Xiphostylus cuculus</i> Haeckel, 1887: 129	Living
S	nd	1	1	S			<i>Xiphostylus dendrocopus</i> Haecker, 1908: 440	Living
S		1	1	S			<i>Xiphostylus edolius</i> Haeckel, 1887: 130	[Living]
N		1	1	S		Ts	<i>Xiphostylus emberiza</i> Haeckel, 1887: 131	Living
N		1	1	S			<i>Xiphostylus falco</i> Haeckel, 1887: 130	[Quaternary]
S	nd	0	1	Sø			<i>Xiphostylus gallus</i> Haeckel, 1887: 128	[Early Miocene]
S		1	1	S			<i>Xiphostylus minimus</i> Mamedov, 1969b: 94	Middle Eocene
S	nd	0	1	Sø			<i>Xiphostylus motacilla</i> Haeckel, 1887: 127	Quaternary
S		1	1	S		T	<i>Xiphostylus phasianus</i> Haeckel, 1887: 127	Living
S		1	1	S		Ts	<i>Xiphostylus picus</i> Haeckel, 1887: 129	[Quaternary]
S		1	1	S			<i>Xiphostylus trochilus</i> Haeckel, 1887: 129	[Quaternary]
S		1	1	S		T	<i>Xiphostylus trogon</i> Haeckel, 1887: 129	[Quaternary]
S	nd	1	1	S			<i>Xyphodictya uniseriatis</i> Vinassa de Regny, 1900: 576	I. Early Miocene
N		1	1	S		T	<i>Zealithapium oamaru</i> O'Connor, 1999: 5	Late Eocene
S		1	1	S		Ts	<i>Zonarium octangulum</i> Haeckel, 1887: 685	[Quaternary]
S	nd	0	1	Sø			<i>Zonarium quadrigatum</i> Haeckel, 1887: 685	[Quaternary]
S	nd	0	1	Sø			<i>Zonarium quadrispinum</i> Haeckel, 1887: 685	[Quaternary]
S	nd	0	1	Sø			<i>Zonarium tetratholium</i> Haeckel, 1887: 685	[Quaternary]
S	nd	0	1	Sø			<i>Zonidium octostylium</i> Haeckel, 1887: 688	Living
S		1	1	S		Ts	<i>Zonidium octotholium</i> Haeckel, 1887: 688	Living
S	nd	0	1	Sø			<i>Zoniscus hexathalamus</i> Haeckel, 1887: 686	Living
S		1	1	S			<i>Zoniscus hexatholius</i> Haeckel, 1887: 687	Living
S	nd	0	1	Sø			<i>Zoniscus octacanthus</i> Haeckel, 1887: 687	[Quaternary]
S	nd	0	1	Sø			<i>Zoniscus rectangulus</i> Haeckel, 1887: 686	[Quaternary]
S		1	1	S		Ts	<i>Zoniscus tetracanthus</i> Haeckel, 1887: 687	[Quaternary]
S	nd	1	1	S			<i>Zonodiscus convexus</i> Moksyakova, 1970: 143	Late Eocene
S	nd	1	1	S			<i>Zonodiscus pressulus</i> Moksyakova, 1965: 248	[Quaternary]
S	nd	0	1	Sø		Td	<i>Zonodiscus saturnalis</i> Haeckel, 1887: 412	[Quaternary]
W		1	1	S		Te	<i>Zygacantha furcata</i> Müller, 1859b: 51	Living
S		1	1	S			<i>Zygartus chrysalis</i> Haeckel, 1887: 401	[Quaternary]
S	nd	0	1	Sø		Td	<i>Zygartus doliolum</i> Haeckel, 1887: 401	[Quaternary]
S	nd	0	1	Sø		Td	<i>Zygocampe chrysalidium</i> Haeckel, 1887: 400	[Quaternary]
S	nd	0	1	Sø			<i>Zygocampe corasium</i> Haeckel, 1887: 400	[Quaternary]
S	nd	0	1	Sø			<i>Zygocampe pupula</i> Haeckel, 1887: 399	[Quaternary]
N		1	1	S			<i>Zygocircus acacia</i> Haeckel, 1887: 947	[Quaternary]
N		1	1	S			<i>Zygocircus acanthophorus</i> Popofsky, 1913: 286	Living
N		1	1	S			<i>Zygocircus archicircus</i> Popofsky, 1913: 285	Living
N	nd	0	1	Sø			<i>Zygocircus buetschli</i> Haeckel, 1887: 948	Eocene
N		1	1	S			<i>Zygocircus capulosus</i> Popofsky, 1913: 287	Living
N		1	1	S			<i>Zygocircus cimelium</i> Petrushevskaya & Kozlova, 1972: 534	e. Middle Eocene
N	nd	0	1	Sø			<i>Zygocircus dodecanthus</i> Haeckel, 1887: 947	[Quaternary]
N	nd	0	1	Sø			<i>Zygocircus hexagonus</i> Haeckel, 1887: 947	[Quaternary]

## Inventory of Cenozoic Polycystinea species (1834-2020). Continuation.

O	Status	F	D	S	SYN	Type	Original combination / Authorship	Age
N		1	1	S			<i>Zygocircus longispinus</i> Tan & Tchang, 1976: 308	Living
N	nd	1	1	S			<i>Zygocircus pentagonus</i> Haeckel, 1887: 946	[Early Miocene]
N		1	1	S			<i>Zygocircus piscicaudatus</i> Popofsky, 1913: 287	Living
N	nd	1	1	S			<i>Zygocircus polygonus</i> Haeckel, 1887: 947	Late Eocene
N		1	1	S			<i>Zygocircus productus abnormis</i> Goll, 1979: 381	I. Middle Miocene
N		1	1	S			<i>Zygocircus productus tricarinatus</i> Goll, 1979: 380	Early Oligocene-Early Pliocene
N	nd	0	1	Sø			<i>Zygocircus rhombicus</i> Haeckel, 1887: 946	Quaternary
N	nd	0	1	Sø			<i>Zygocircus sagittalis</i> Haeckel, 1887: 946	[Quaternary]
N	nd	0	1	Sø			<i>Zygocircus tetragonus</i> Haeckel, 1887: 946	[Quaternary]
N	nd	0	1	Sø			<i>Zygocircus trigonus</i> Haeckel, 1887: 946	Living
N		1	1	S			<i>Zygocircus triquetrus</i> Haeckel, 1887: 947	Living
N	nd	1	1	S			<i>Zygospyris brevispina</i> Carnevale, 1908: 29	e. Middle Miocene
N		1	1	S			<i>Zygospyris brevispina</i> var. <i>α</i> Carnevale, 1908: 29	e. Middle Miocene
N	nd	1	1	S			<i>Zygospyris demissa</i> Kozlova in Kozlova & Gorbovetz, 1966: 95	Late Eocene
N		1	1	S			<i>Zygospyris? duplex</i> Clark & Campbell, 1942: 59	e. Middle Eocene
N		1	1	S			<i>Zygospyris equus</i> Haeckel, 1887: 1056	[Quaternary]
N	nd	0	1	Sø		Td	<i>Zygospyris quadripes</i> Haeckel, 1887: 1055	[Quaternary]
N	nd	0	1	Sø			<i>Zygostephanium constrictum</i> Haeckel, 1887: 973	[Quaternary]
N		1	1	S		Ts	<i>Zygostephanium dizonium</i> Haeckel, 1887: 973	[Early Miocene]
N		1	1	S			<i>Zygostephanium paradictyum</i> Haeckel, 1887: 973	Living
N		1	1	S			<i>Zygostephanus bicornis</i> Haeckel, 1887: 972	[Quaternary]
N		1	1	S			<i>Zygostephanus dissocircus</i> Haeckel, 1887: 971	Living
N		1	1	S		Ts	<i>Zygostephanus muelleri</i> Haeckel, 1862: 268	Living
N		1	1	S			<i>Zygostephanus octoformis</i> Popofsky, 1913: 301	Living
N	nd	0	1	Sø			<i>Zygostephanus ramosus</i> Haeckel, 1887: 971	[Quaternary]
N	nd	0	1	Sø		Td	<i>Zygostephanus reniformis</i> Haeckel, 1887: 972	[Quaternary]
N	nd	0	1	Sø			<i>Zygostephanus serratus</i> Haeckel, 1887: 971	[Quaternary]
N	nd	0	1	Sø			<i>Zygostephanus violina</i> Haeckel, 1887: 972	[Quaternary]

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APPENDIX 1. — Cenozoic part of the International Chronostratigraphic, showing the subseries/subepoch scheme for the Paleogene and for the Neogene. Despite the wide use in the Cenozoic literature, the subseries/subepochs ranks are not yet officially accepted by the International Commission on Stratigraphy (with the exception for the Holocene and Pleistocene series). Since the beginning of this revision work, we have preferred to use the rank of “subseries” for the ages of the genera in this genera catalogue, as well as for the species in the appendices. We think that there are many solid reasons to keep using the subseries; even though, they have yet to be formally defined. Modified from Head *et al.* 2017 (see there a good discussion and proposal) and from the ICS International Chronostratigraphic Chart, July 2021 (<http://www.stratigraphy.org/ICSchart/ChronostratChart2021-07.pdf>). Abbreviations: **L/E**, Lower/Early; **M**, Middle; **U/L**, Upper/Late; **e**, early; **l**, late. Bold stages/ages are ratified by the Global Boundary Stratotype Section and Points (GSSP). Italic fonts indicate informal units and placeholders for unnamed units.

Eonothem / Eon	Erathem / Era	Erathem / Era	Series/Epoch	Subseries	Stage/Age	Numerical age (Ma)		
PHANEROZOIC	CENOZOIC	Quaternary	Holocene	U/L	<b>Meghalayan</b>	Present		
				M	<b>Northgrippian</b>	0.0042		
				L/E	<b>Greenlandian</b>	0.0082		
			Pleistocene	U/L	<i>Upper</i>	0.0117		
				M	<b>Chibanian</b>	0.129		
				L/E	<b>Calabrian</b>	0.774		
					<b>Gelasian</b>	1.80		
						2.58		
				Pliocene	U/L	<b>Piacenzian</b>	3.600	
					L/E	<b>Zanclean</b>	5.333	
		Neogene	Miocene	U/L	l	<b>Messinian</b>	7.246	
					e	<b>Tortonian</b>	11.63	
				M	l	<b>Serravallian</b>	13.82	
					e	<b>Langhian</b>	15.97	
				L/E	l	<b>Burdigalian</b>	20.44	
					e	<b>Aquitanian</b>	23.03	
				Paleogene	Oligocene	U/L	<b>Chattian</b>	27.82
						L/E	<b>Rupelian</b>	33.9
		Eocene	U/L		<b>Priabonian</b>	37.71		
			M		l	<b>Bartonian</b>	41.2	
					e	<b>Lutetian</b>	47.8	
			L/E		<b>Ypresian</b>	56.0		
		Paleocene	U/L	<b>Thanetian</b>	59.2			
M	<b>Selandian</b>		61.6					
L/E	<b>Danian</b>		66					