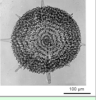
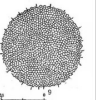
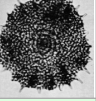
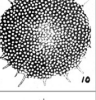
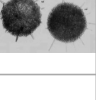



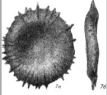



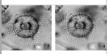
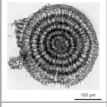

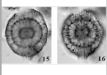
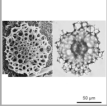

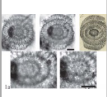




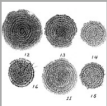
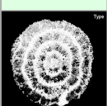




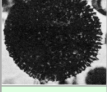
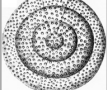



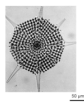
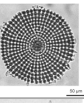
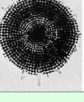
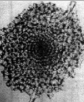


AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Annulatospira</i>		1	1	S			<i>Annulatospira odoghertyi</i>	Dumitrica 2020: 38	late Middle Eocene
	<i>Annulatospira</i>					syn		<i>Annulatospira phrix</i>	Dumitrica 2020: 34	late Middle Eocene
	<i>Annulatospira</i>		1	1	S			<i>Annulatospira serratolabrum</i>	Dumitrica 2020: 34	late Middle Eocene
	<i>Annulatospira</i>		1	1	S		T	<i>Spongodiscus (Annulatospira) pulcher</i>	Clark & Campbell 1945: 26	early Middle Eocene
	<i>Annulatospira</i>					syn		<i>Spongodiscus pulcher</i>	Sanfilippo & Riedel 1973: 525	Early Eocene
	<i>Annulatospira</i>					syn		<i>Spongodiscus pulcher</i>	Blueford 1988: 48	Eocene
	<i>Annulatospira</i>					syn		<i>Spongotrochus? pulcher</i>	Kozlova 1999: 95	Late Paleocene–Early Eocene
	<i>Annulatospira</i>					syn		<i>Spongodiscus pulcher</i>	O'Connor 1999: 38	Late Eocene
	<i>Annulatospira?</i>		1	1	S			<i>Spongodiscus elegans</i>	Lipman 1949: 116	Early Eocene
	<i>Annulatospira</i>		1	1	S			<i>Spongodiscus phrix</i>	Sanfilippo & Riedel 1973: 525	early Middle Eocene
	<i>Annulatospira</i>					syn		<i>Spongodiscus phrix</i>	Nigrini 1974: 1066	Early Eocene–early Middle Eocene
	<i>Annulatospira</i>					syn		<i>Spongodiscus phrix</i>	Sanfilippo & Nigrini 1998:	
	<i>Annulatospira</i>					syn		<i>Spongodiscus phrix</i>	Sanfilippo & Blome 2001: 217	early Middle Eocene
	<i>Annulatospira</i>		1	1	S			<i>Spongopyle spiralis</i>	Björklund & Kellogg 1972: 392	Late Eocene
	<i>Annulatospira</i>					syn		<i>Stylospongia elliptica spiralis</i>	Petrushevskaya & Kozlova 1979: 106	early Middle Eocene–Early Oligocene
	<i>Annulatospira</i>					syn		<i>Spongopyle spiralis</i>	O'Connor 1999: 38	Late Eocene
	<i>Annulatospira</i>		1	1	S			<i>Spongotrochus (Spongotrochiscus) kreyenagensis</i>	Clark & Campbell 1945: 27	early Middle Eocene
	<i>Annulatospira</i>		1	1	S			<i>Spongotrochus (Spongotrochiscus) kreyenagensis kreyenagensis</i>	Clark & Campbell 1945: 27	early Middle Eocene
	<i>Annulatospira</i>		1	1	S			<i>Spongotrochus (Spongotrochiscus) kreyenagensis spinatus</i>	Clark & Campbell 1945: 27	early Middle Eocene
	<i>Annulatospira?</i>		1	1	S			<i>Stylotrochus asiaticus</i>	Lipman 1949: 118	Early Eocene
	<i>Annulatospira?</i>		1	1	S			<i>Stylotrochus festivus</i>	Clark & Campbell 1942: 48	early Middle Eocene
	<i>Annulatospira?</i>		1	1	S			<i>Stylotrochus nativus</i>	Lipman in Lipman et al. 1960: 89	Late Eocene
	<i>Annulatospira?</i>					syn		<i>Stylotrochus nativus</i>	Kozlova & Gorbovetz 1966: 88	Late Eocene
	<i>Annulatospira?</i>					syn		<i>Spongotrochus nativus</i>	Kozlova 1999: tab.5	Early Eocene–early Middle Eocene
	<i>Annulatospira?</i>		1	1	S			<i>Stylotrochus paciferum</i>	Lipman in Lipman et al. 1960: 90	Late Eocene
	<i>Annulatospira?</i>					syn		<i>Stylotrochus paciferum</i>	Kozlova & Gorbovetz 1966: 89	Late Eocene
	<i>Annulatospira?</i>					syn		<i>Spongotrochus sp. cf. S. paciferum</i>	Kozlova 1999: 94	Early Eocene
	<i>Annulatospira?</i>		1	1	S			<i>Stylotrochus paciferum curganica</i>	Gorbovetz in Kozlova & Gorbovetz 1966: 90	Late Eocene
	<i>Annulatospira?</i>		1	1	S			<i>Stylotrochus paciferum pacifera</i>	Gorbovetz in Kozlova & Gorbovetz 1966: 90	Late Eocene

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Annulatospira?</i>		1	1	S			<i>Stylotrochus pinnatus</i>	Krashennikov 1960: 294	Early Eocene
	<i>Annulatospira?</i>		1	1	S			<i>Stylotrochus radiatus</i>	Lipman 1949: 117	Early Eocene
	<i>Annulatospira?</i>					syn		<i>Stylotrochus radiatus</i>	Lipman in Kozlova & Gorbavets 1966: 91	Late Eocene
	<i>Annulatospira?</i>					syn		<i>Spongostrochus radiatus</i>	Kozlova 1999: 96	Late Paleocene–Eocene

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	Circodiscullus		1	1	S			Circodiscullus coroniger	Dumitrica 2020: 30	early Middle Miocene
	Circodiscullus		1	1	S		T	Circodiscullus stephanophorus	Dumitrica 2020: 31	early Middle Miocene–Early Pliocene

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Circodiscus</i>		1	1	S			<i>Circodiscus biorbicularis</i>	Zhang & Suzuki 2017: 55	Living
	<i>Circodiscus</i>					syn		<i>Circodiscus biorbicularis</i>	Dumitrica 2020: 28	Holocene
	<i>Circodiscus</i>		1	1	S			<i>Circodiscus kozlovae</i>	Dumitrica 2020: 30	early Late Eocene
	<i>Circodiscus</i>		1	1	S			<i>Circodiscus praemicroporus</i>	Dumitrica 2020: 23	Late Paleocene?–late Middle Eocene
	<i>Circodiscus</i>					syn		<i>Xiphospira circularis</i>	Sanfilippo & Riedel 1973: 526	
	<i>Circodiscus</i>		1	1	S			<i>Circodiscus pseudomicroporus</i>	Zhang & Suzuki 2017: 57	Living
	<i>Circodiscus</i>		1	1	S			<i>Circodiscus spongiosus</i>	Dumitrica 2020: 30	late Late Miocene–Living
	<i>Circodiscus</i>		1	1	S			<i>Circodiscus? variannulatus</i>	Dumitrica 2020: 28	late Middle Eocene
n.n. [premature n.]	<i>Circodiscus</i>	UNFIGURED	0	0	Sp	PRE		<i>Lithocyclus amphitrites</i>	Ehrenberg 1854a: table	
	<i>Circodiscus</i>	UNFIGURED	0	1	Su			<i>Lithocyclus amphitrites</i>	Ehrenberg 1854b: 244 [only description]	Holocene
	<i>Circodiscus</i>		1	0	Sf	SYN		<i>Lithocyclus amphitrites</i>	Suzuki et al. 2009a [figured type]	Holocene
	<i>Circodiscus</i>	UNFIGURED				syn		<i>Lithocyclus amphitrites</i>	Ehrenberg 1873b: 296-297	Holocene
	<i>Circodiscus</i>	UNFIGURED				syn		<i>Lithocyclus amphitrites</i>	Ehrenberg 1873b: 296-297	Holocene
	<i>Circodiscus</i>					syn		<i>Circodiscus amphitrites</i>	Zhang & Suzuki 2017: 54	Living
[hom.]	<i>Circodiscus</i>		1	1	S			<i>Ommatodiscus circularis</i>	Carnevale 1908: 26, 46	early Middle Miocene
	<i>Circodiscus</i>					syn		<i>Ommatodiscus (Ommatodiscinus) aff. circularis</i>	Nakaseko 1955: 94	late Early Miocene
	<i>Circodiscus</i>					syn		<i>Ommatodiscus circularis</i>	Dumitrica 1968	early Late Miocene
	<i>Circodiscus</i>		1	1	S			<i>Ommatodiscus pantanellii</i>	Carnevale 1908: 24, 46	early Middle Miocene
	<i>Circodiscus</i>		1	1	S			<i>Ommatodiscus simonellii</i>	Carnevale 1908: 25, 46	early Middle Miocene
	<i>Circodiscus</i>		1	1	S			<i>Plectodiscus runanganus</i>	O'Connor 1999: 6	Late Eocene
	<i>Circodiscus</i>					syn		<i>Plectodiscus runanganus</i>	Kamikuri 2015: tab.1	late Middle Eocene–Late Eocene
	<i>Circodiscus</i>		1	1	S			<i>Porodiscus (Trematodiscus) charlestonensis</i>	Clark & Campbell 1945: 23	early Middle Eocene
	<i>Circodiscus</i>					syn		<i>Stylotrochus charlestonensis</i>	Sanfilippo & Riedel 1973: 525	Early Eocene–early Middle Eocene
	<i>Circodiscus</i>					syn		<i>Porodiscus charlestonensis</i>	Blueford 1988: 23	early Middle Eocene
	<i>Circodiscus</i>					syn		<i>Porodiscus charlestonensis</i>	O'Connor 1999: 32	Late Eocene
	<i>Circodiscus</i>		1	1	S		Ts	<i>Porodiscus (Trematodiscus) circularis</i>	Clark & Campbell 1942: 42	early Middle Eocene
	<i>Circodiscus</i>					syn		<i>Plectodiscus circularis</i>	Petrushevskaya & Kozlova 1972: 526	Paleocene?–Eocene
	<i>Circodiscus</i>					syn		<i>Xiphospira sp. cf. X. circularis</i>	Kling 1973: 635. pl.2, fig.1-3	late Early Miocene
	<i>Circodiscus</i>					syn		<i>Xiphospira circularis</i>	Sanfilippo & Riedel 1973: 526	
	<i>Circodiscus</i>					syn		<i>Circodiscus? circularis</i>	Sanfilippo & Riedel 1973: 526	Late Paleocene–early Middle Eocene
	<i>Circodiscus</i>					syn		<i>Plectodiscus circularis</i>	Petrushevskaya 1975: 575	Paleocene?
	<i>Circodiscus</i>					syn		<i>Circodiscus circularis</i>	Blueford 1988: 42	early Middle Eocene
	<i>Circodiscus</i>					syn		<i>Circodiscus circularis</i>	Kozlova 1999: tab.5	Late Paleocene–Early Eocene

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Circodiscus</i>					syn		<i>Circodiscus circularis</i>	Dumitrica 2020: 23	Early Eocene?–late Middle Eocene
	<i>Circodiscus</i>		1	1	S			<i>Porodiscus ellipticus</i>	Carnevale 1908: 23	early Middle Miocene
	<i>Circodiscus?</i>		1	1	S			<i>Porodiscus fortis</i>	Carnevale 1908: 24	early Middle Miocene
	<i>Circodiscus</i>		1	1	S			<i>Porodiscus polyconcentricus</i>	Lipman 1979: 74	early Middle Eocene
	<i>Circodiscus</i>					syn		<i>Porodiscus polyconcentricus</i>	Moksyakova 1972	Early Eocene–Late Eocene
	<i>Circodiscus</i>		1	1	S			<i>Porodiscus squinaboli</i>	Carnevale 1908: 23	early Middle Miocene
	<i>Circodiscus?</i>		1	1	S			<i>Stylotrochus alveatus</i>	Sanfilippo & Riedel 1973: 525	Late Paleocene?
	<i>Circodiscus?</i>					syn		<i>Stylotrochus alveatus</i>	Blome 1992	Paleogene
	<i>Circodiscus?</i>					syn		<i>Stylotrochus alveatus</i>	Sanfilippo & Blome 2001: 219	Late Paleocene–Early Eocene
	<i>Circodiscus</i>		1	1	S			<i>Trematodiscus ellipticus</i>	Stöhr 1880: 108	[early Late Miocene]
	<i>Circodiscus</i>					syn		<i>Porodiscus ellipticus</i>	Haeckel 1887: 494	
	<i>Circodiscus</i>					syn		<i>Circodiscus ellipticus</i>	Petrushevskaya 1975: 575	Miocene
	<i>Circodiscus</i>					syn		<i>Trematodiscus ellipticus</i>	Tan & Su 1982: 152	Holocene
	<i>Circodiscus</i>					syn		<i>Circodiscus ellipticus</i>	Caulet 1986a: 852	Middle Miocene–early Late Miocene
	<i>Circodiscus</i>					syn		<i>Circodiscus ellipticus</i>	Abelmann 1990: 693	early Early Miocene
	<i>Circodiscus</i>					syn		<i>Circodiscus ellipticus</i>	Caulet 1991: 537	Middle Miocene–early Late Miocene
	<i>Circodiscus</i>		1	1	S		T	<i>Trematodiscus microporus</i>	Stöhr 1880: 108	[early Late Miocene]
	<i>Circodiscus</i>					syn		<i>Porodiscus microporus</i>	Haeckel 1887: 493	no information given
	<i>Circodiscus</i>					syn		<i>Circodiscus microporus</i>	Petrushevskaya & Kozlova 1972: 526	Miocene–Holocene
	<i>Circodiscus</i>					syn		<i>Circodiscus microporus</i>	Petrushevskaya 1975: 576	late Early Miocene–Late Miocene
	<i>Circodiscus</i>					syn		<i>Circodiscus</i> sp. cf. <i>C. microporus</i>	Ling & Kobayashi 1992: 446	Middle Miocene
	<i>Circodiscus</i>					syn		<i>Circodiscus microporus</i>	Zhang & Suzuki 2017: 56	Holocene–Living

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	Sanfiredelus		1	1	S			Sanfiredelus octogonus	Dumitrica 2020: 19	Late Paleocene–Early Eocene
	Sanfiredelus		1	1	S			Sanfiredelus solidiscus	Dumitrica 2020: 18	Late Paleocene–late Middle Eocene
	Sanfiredelus		1	1	S			Spongodiscus quartus bosoculus	Sanfilippo & Riedel 1973: 525	Late Paleocene–Early Eocene
	Sanfiredelus					syn		Spongodiscus quartus bosoculus	Kozlova 1999: tab.5	Late Paleocene–Early Eocene
	Sanfiredelus?		1	1	S			Spongotrochus puter	Kozlova 1999: 95	Middle Paleocene–Early Eocene
	Sanfiredelus		1	1	S		T	Staurodictya quartus	Borisenko 1958: 96	Late Paleocene
	Sanfiredelus					syn		Spongodiscus quartus quartus	Sanfilippo & Riedel 1973: 525	Late Paleocene–Early Eocene
	Sanfiredelus					syn		Spongodiscus quartus quartus	Sanfilippo & Blome 2001: 217	Late Paleocene–Early Eocene
	Sanfiredelus?		1	1	S			Trochodiscus? decoratus	Borisenko 1958: 94	Late Paleocene

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	Stylotrochellus		1	1	S		T	Stylotrochus nitidus	Sanfilippo & Riedel 1973: 525	Late Paleocene–Early Eocene
	Stylotrochellus					syn		Xiphospira circularis	Sanfilippo & Riedel 1973: 526	
	Stylotrochellus					syn		Stylotrochus nitidus	Nishimura 1987: 729	
	Stylotrochellus					syn		Stylotrochus nitidus	Caulet 1991: 539	Middle Eocene
	Stylotrochellus					syn		Stylotrochus nitidus	Blome 1992:	
	Stylotrochellus					syn		Stylotrochus nitidus	Nishimura 1992: 329	Middle Paleocene–Eocene
	Stylotrochellus					syn		Stylotrochus nitidus	Kozlova 1999: tab.5	Late Paleocene–Early Eocene
	Stylotrochellus					syn		Spongodiscus nitidus	O'Connor 1999: 38	Late Eocene
	Stylotrochellus					syn		Stylotrochus nitidus	Sanfilippo & Blome 2001: 219	Late Paleocene
	Stylotrochellus					syn		Stylotrochus nitidus	Jackett 2007: 187	
	Stylotrochellus					syn		Stylotrochellus nitidus	Dumitrica 2020: 33	Late Paleocene–early Middle Eocene