












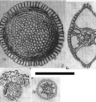


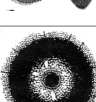



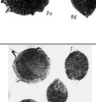
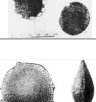
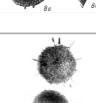





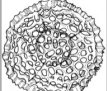

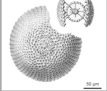

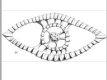



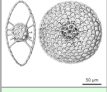


AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	Periphaena		1	1	S		Ts	<i>Astrophacus cingillum</i>	Haeckel 1887: 454	[Quaternary]
	Periphaena		1	1	S			<i>Astrophacus duplus</i>	Kozlova in Kozlova & Gorbovetz 1966: 74	Early Eocene–Late Eocene
	Periphaena					syn		<i>Periphaena? dupla</i>	Kozlova in Petrushevskaya & Kozlova 1972: 523	Late Eocene–Oligocene
	Periphaena		1	1	S			<i>Astrophacus duplus dupla</i>	Kozlova in Kozlova & Gorbovetz 1966: 75	Early Eocene–Late Eocene
	Periphaena		1	1	S			<i>Astrophacus ehrenbergi</i>	Carnevale 1908: 23	early Middle Miocene
	Periphaena		1	1	S			<i>Astrophacus pictus</i>	Kozlova in Kozlova & Gorbovetz 1966: 76	Late Eocene
	Periphaena					syn		<i>Periphaena picta</i>	Kozlova 1999: tab.5	Early Eocene–Middle Eocene
	Periphaena		1	1	S			<i>Astrophacus vitilis</i>	Gorbunov 1979: 125	Late Eocene
	Periphaena					syn		<i>Phacodiscus vitilis</i>	Kozlova 1999: tab.5	Middle Eocene–Late Eocene
	Periphaena?	UNFIGURED	0	1	Su			<i>Haliomma helianthus</i>	Ehrenberg 1874b: 235 [only description]	late Middle Eocene
	Periphaena?		1	0	Sf	SYN		<i>Haliomma helianthus</i>	Ehrenberg 1876: 74–75 [figured type]	late Middle Eocene
	Periphaena?					syn		<i>Heliodiscus helianthus</i>	Haeckel 1887: 446	no information given
	Periphaena?					syn		<i>Haliomma helianthus</i>	Ogane et al. 2009b	
	Periphaena		1	1	S		Ts	<i>Heliodiscus cingillum</i>	Haeckel 1887: 448	[Quaternary]
	Periphaena					syn		<i>Heliodiscus cingillum</i>	Lucchese 1927: 95	early Middle Miocene
	Periphaena?		1	1	S			<i>Heliodiscus cingillum</i> var. <i>brevispina</i>	Lucchese 1927: 95	early Middle Miocene
	Periphaena		1	1	S			<i>Periphaena cincta</i>	Haeckel 1887: 426	[Early Miocene]
	Periphaena	UNFIGURED	0	1	Su			<i>Periphaena decora</i>	Ehrenberg 1874b: 246 [only description]	late Middle Eocene
	Periphaena		1	0	Sf	SYN	T	<i>Periphaena decora</i>	Ehrenberg 1876: 80–81 [figured type]	late Middle Eocene
	Periphaena					syn		<i>Periphaena decora</i>	Haeckel 1887: 426	no information given
	Periphaena					syn		<i>Periphaena decora</i>	Riedel 1957b: 258	Late Eocene
	Periphaena					syn		<i>Periphaena decora</i>	Petrushevskaya & Kozlova 1972: 523	late Middle Eocene–Oligocene
	Periphaena					syn		<i>Periphaena decora</i>	Sanfilippo & Riedel 1973: 523	Early Eocene–Late Eocene
	Periphaena					syn		<i>Periphaena decora</i>	Nigrini 1974: 1065	Middle Eocene
	Periphaena					syn		<i>Periphaena decora</i>	Nakaseko & Nishimura 1975: 53	early Middle Miocene
	Periphaena					syn		<i>Periphaena decora</i>	Cautlet 1986a: 783	Late Eocene
	Periphaena					syn		<i>Periphaena decora</i>	Cautlet 1991: 538, tab.5	Early Oligocene
	Periphaena					syn		<i>Periphaena decora</i>	Sugiyama & Furutani 1992: 202	early Middle Miocene
	Periphaena					syn		<i>Periphaena decora</i>	Takemura 1992: 743	Middle Eocene
	Periphaena					syn		<i>Periphaena decora</i>	Strong et al. 1995: 209	Middle Eocene
	Periphaena					syn		<i>Periphaena decora</i>	Funakawa & Nishi 2005	late Middle Eocene
	Periphaena					syn		<i>Periphaena decora</i>	Funakawa et al. 2006: 42	
	Periphaena					syn		<i>Periphaena decora</i>	Ogane et al. 2009b	
	Periphaena					syn		<i>Heliodiscus decorus</i>	Renaudie 2012: 55	
	Periphaena		1	1	S			<i>Perizona pterygota</i>	Haeckel 1887: 427	[Quaternary]

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	Periphaena		1	1	S		Ts	Perizona scutella	Haeckel 1887: 427	[Early Miocene]
	Periphaena		1	1	S			Phacodiscus duplus ukrainicus	Gorbunov 1979: 117	Middle Eocene–Late Eocene
	Periphaena?		1	1	S			Sethodiscus lenticularis	Lipman 1975: 55	early Middle Eocene
	Periphaena?		1	1	S			Sethodiscus rossicus	Lipman 1972: 49	early Middle Eocene
	Periphaena		1	1	S			Spongodiscus klingi	Caulet 1986a: 849	Early Pliocene
	Periphaena					syn		Spongodiscus klingi	Caulet et al. 1993	Early Pliocene
	Periphaena?		1	1	S			Stylodiscus clandestinus	Krashennnikov 1960: 288	Early Eocene
	Periphaena?					syn		Heliostylus clandestinus	Kozlova 1999: 85	Late Paleocene–early Middle Eocene
	Periphaena?		1	1	S			Trochodiscus exilis	Krashennnikov 1960: 286	Early Eocene
	Periphaena?		1	1	S			Trochodiscus exornatus	Krashennnikov 1960: 288	Early Eocene
	Periphaena?		1	1	S			Trochodiscus microporiis	Chediya 1957: 35	Late Eocene
	Periphaena		1	1	S			Trochodiscus? sagittipotens	Krashennnikov 1960: 287	Early Eocene
	Periphaena?		1	1	S			Xiphodictya (Xiphodictyon) amphixiphus	Clark & Campbell 1942: 43	early Middle Eocene

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	Phacodiscus		1	1	S		Ts	<i>Astrophacus phacodiscus</i>	Haeckel 1887: 454	Living
	Phacodiscus	UNFIGURED	0	1	Su			<i>Haliomma echinatum</i>	Ehrenberg 1874b: 234 [only description]	late Middle Eocene
	Phacodiscus		1	0	Sf	SYN		<i>Haliomma echinatum</i>	Ehrenberg 1876: 74-75 [figured type]	late Middle Eocene
	Phacodiscus					syn		<i>Sethodiscus echinatus</i>	Haeckel 1887: 424	
	Phacodiscus					syn		<i>Haliomma echinatum</i>	Ogane et al. 2009b	
	Phacodiscus		1	1	S			<i>Paracenodiscus circumtextus</i>	Krashennikov 1960: 285	Early Eocene
	Phacodiscus		1	1	S		Ts	<i>Paracenodiscus familiaris</i>	Krashennikov 1960: 284	Early Eocene
	Phacodiscus		1	1	S			<i>Paracenodiscus sonatus</i>	Krashennikov 1960: 285	Early Eocene
	Phacodiscus					syn		<i>Phacodiscus sonatus</i>	Kozlova 1999: 174	no information given
	Phacodiscus?		1	1	S			<i>Phacodiscinus testatus clivus</i>	Kozlova in Petrushevskaya & Kozlova 1979: 101	Early Eocene
	Phacodiscus?		1	1	S			<i>Phacodiscinus testatus grandis</i>	Kozlova in Petrushevskaya & Kozlova 1979: 100	Early Eocene
	Phacodiscus		1	1	S		Ts	<i>Phacodiscus clypeus</i>	Haeckel 1887: 425	[Quaternary]
	Phacodiscus		1	1	S			<i>Phacodiscus duplus</i>	Kozlova in Kozlova & Gorbavetz 1966: 69	Late Eocene
	Phacodiscus					syn		<i>Phacodiscinus duplus</i>	Kozlova 1999: 89	Middle Eocene
	Phacodiscus		1	1	S			<i>Phacodiscus lentiformis</i>	Haeckel 1887: 425	[Quaternary]
	Phacodiscus		1	1	S		T	<i>Phacodiscus rotula</i>	Haeckel 1887: 424	[Quaternary]
	Phacodiscus					syn		<i>Phacodiscus rotula</i>	Kozlova 1999: 89	late Middle Eocene
i.n.	Phacodiscus		1	1	S		Ti	<i>Coccymelium prunulum</i>	Haeckel 1887: 313	[Quaternary]
	Phacodiscus		1	1	S		Ts	<i>Prunulum coccymelium</i>	Haeckel 1887: 313	[Quaternary]
	Phacodiscus		1	1	S		Ts	<i>Sethodiscus lenticula</i>	Haeckel 1887: 423	[Quaternary]
	Phacodiscus					syn		<i>Sethodiscus lenticula</i>	Haupt 1905: 567	
	Phacodiscus					syn		<i>Sethodiscus lenticula</i>	Tan 1993: 211	Living
	Phacodiscus					syn		<i>Sethodiscus lenticula</i>	Tan & Chen 1999: 205	Pleistocene