












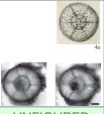
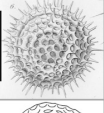
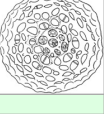
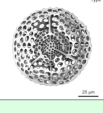


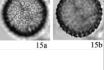
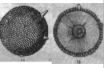
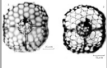

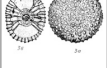

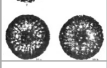
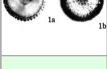


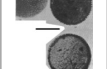
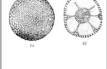
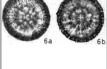
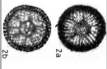
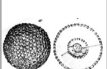

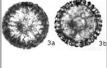
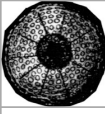

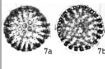



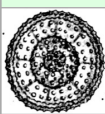
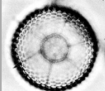
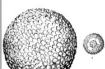

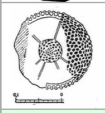


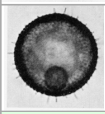



AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Haliomma</i>		1	1	S			<i>Actinomma brevispiculum</i>	Popofsky 1912: 103	Living
	<i>Haliomma</i>					Q		<i>Actinomma? sp.</i>	Sashida & Kurihara 1999: 133	Living
	<i>Haliomma</i>		1	1	S			<i>Actinomma echinoideum</i>	Carnevale 1908: 17	early Middle Miocene
	<i>Haliomma</i>		1	1	S			<i>Actinomma henningsmoeni</i>	Goll & Bjørklund 1989: 728	early Early Miocene
	<i>Haliomma</i>					syn		<i>Actinomma henningsmoeni</i>	Apel et al. 2002	Late Oligocene
	<i>Haliomma</i>		1	1	S			<i>Actinomma medusa β</i>	Petrushevskaya 1975: 568	Early Oligocene-Miocene
	<i>Haliomma</i>		1	1	S			<i>Actinomma multispinula</i>	Su 1982: 282	Living
	<i>Haliomma</i>		1	1	S			<i>Actinomma? sol</i>	Cleve 1900b: 5	Living
	<i>Haliomma</i>					syn		<i>Actinomma? sol</i>	Schröder 1909: 27	Living
	<i>Haliomma</i>					syn		<i>Actinomma? sol</i>	Boltovskoy & Riedel 1980: 109	Living
	<i>Haliomma</i>		1	1	S		Ts	<i>Actinomma spinigerum</i>	Stöhr 1880: 92	[early Late Miocene]
	<i>Haliomma</i>					syn		<i>Actinomma spinigerum</i>	Haeckel 1887: 254	
	<i>Haliomma</i>		1	1	S			<i>Carposphaera rara</i>	Carnevale 1908: 8	early Middle Miocene
n.n. [premature n.]	<i>Haliomma</i>	UNFIGURED	0	0	Sp	PRE		<i>Cenosphaera plutonis</i>	Ehrenberg 1854a: table	
	<i>Haliomma</i>	UNFIGURED	0	1	Su			<i>Cenosphaera plutonis</i>	Ehrenberg 1854b: 241 [only description]	Holocene
	<i>Haliomma</i>		1	0	Sf	SYN	Ts, Ti	<i>Cenosphaera plutonis</i>	Ehrenberg 1854d [figured type]	Holocene
	<i>Haliomma</i>					syn		<i>Cenosphaera plutonis</i>	Ehrenberg 1858: 549	Holocene
	<i>Haliomma</i>					syn		<i>Cenosphaera plutonis</i>	Ehrenberg 1862a: table	Holocene
	<i>Haliomma</i>					syn		<i>Cenosphaera plutonis</i>	Ehrenberg 1873b: 286-287	Holocene
	<i>Haliomma</i>					syn		<i>Cenosphaera plutonis</i> var.	Stöhr 1880: 85	[early Late Miocene]
	<i>Haliomma</i>					syn		<i>Cenosphaera plutonis</i>	Haeckel 1887: 64	[Quaternary]
	<i>Haliomma</i>					syn		<i>Cenosphaera plutonis</i>	Suzuki et al. 2009a	
	<i>Haliomma</i>					syn		No indication by Ehrenberg	Suzuki et al. 2009a	
	<i>Haliomma</i>		1	1	S			<i>Cenosphaera yatsuensis</i>	Nakaseko 1964: 41	no information given
	<i>Haliomma</i>					syn		<i>Cenosphaera yatsuensis</i>	Nakaseko & Nishimura 1975: 47	early Middle Miocene
	<i>Haliomma?</i>		1	1	S			<i>Cromyechinus pycnopora</i>	Nishimura 1992: 322	Middle Paleocene
	<i>Haliomma</i>		1	1	S			<i>Haliomma (Haliomilla) subglobosum</i>	Nakaseko 1955: 85	late Early Miocene
	<i>Haliomma</i>					syn		<i>Haliomma subglobosum</i>	Nakaseko & Nishimura 1975: 51	early Middle Miocene
	<i>Haliomma</i>		1	1	S			<i>Haliomma (Haliomilla) subglobosum α</i>	Nakaseko 1955: 85	late Early Miocene

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Haliomma</i>	UNFIGURED	0	1	Su			<i>Haliomma aequorea</i>	Ehrenberg 1844a: 83 [only description]	[Miocene]
	<i>Haliomma</i>		1	0	Sf	SYN		<i>Haliomma aequorea</i>	Ehrenberg 1854d [figured type]	late Middle Miocene
	<i>Haliomma</i>	UNFIGURED				syn		<i>Haliomma aequorea</i>	Ehrenberg 1847: 43	late Middle Miocene
	<i>Haliomma</i>	UNFIGURED				syn		<i>Haliomma aequorea</i>	Ehrenberg 1854a: table	[Quaternary]
	<i>Haliomma</i>					syn		<i>Actinomma aequorea</i>	Haeckel 1862: 443	no information given
	<i>Haliomma</i>	UNFIGURED				syn		<i>Haliomma aequoreum</i>	Ehrenberg 1873b: 294-295	late Middle Miocene
	<i>Haliomma</i>					syn		<i>Actinomma aequorea</i>	Stöhr 1880: 91	[early Late Miocene]
	<i>Haliomma</i>					syn		<i>Thecosphaera aequorea</i>	Haeckel 1887: 80	no information given
	<i>Haliomma</i>					Q		<i>Hexacontium? sp.</i>	Sashida & Kurihara 1999: 135	Living
	<i>Haliomma</i>					syn		<i>Hexacontium arachnoidale</i>	Sashida & Kurihara 1999: 135	Living
	<i>Haliomma</i>					syn		<i>Haliomma aequorea</i>	Suzuki et al. 2009a	
	<i>Haliomma</i>					syn		<i>Thecosphaera aequorea</i>	Matsuzaki et al. 2015: 9	Middle Pleistocene–Late Pleistocene
[hom.]	<i>Haliomma</i>		1	1	S			<i>Haliomma hystrix</i>	Dreyer 1890: 9	early Middle Miocene
	<i>Haliomma</i>		1	1	S			<i>Haliomma? immensa</i>	Kozlova in Petrushevskaya & Kozlova 1979: 91	Late Eocene–Early Oligocene
	<i>Haliomma</i>					syn		<i>Haliomma? immensa</i>	Vitukhin 1993: 88	Late Eocene–Oligocene
	<i>Haliomma</i>					syn		<i>Haliomma immensa</i>	Kozlova 1999: tab.7	no information given
	<i>Haliomma</i>	UNFIGURED	0	1	Su			<i>Haliomma inerme</i>	Haeckel 1861a: 815 [only description]	Living
	<i>Haliomma</i>		1	0	Sf	SYN	Ts	<i>Actinomma inerme</i>	Haeckel 1862: 440 [figured type]	Living
	<i>Haliomma</i>					syn		<i>Thecosphaera inermis</i>	Haeckel 1887: 80	Living
	<i>Haliomma</i>					syn		<i>Thecosphaera inermis</i>	Boltovskoy & Riedel 1980: 114	Living
	<i>Haliomma</i>					syn		<i>Thecosphaera inermis</i>	Takahashi 1991: 70	Living
n.n. [premature n.]	<i>Haliomma</i>	UNFIGURED	0	0	Sp	PRE		<i>Haliomma medusa</i>	Ehrenberg 1839a: 130	
	<i>Haliomma</i>	UNFIGURED	0	1	Su			<i>Haliomma medusa</i>	Ehrenberg 1844a: 83 [only description]	late Middle Eocene
	<i>Haliomma</i>		1	0	Sf	SYN	T	<i>Haliomma medusa</i>	Ehrenberg 1854d [figured type]	late Middle Eocene
	<i>Haliomma</i>	UNFIGURED				syn		<i>Haliomma medusa</i>	Ehrenberg 1847: 43, 48	late Middle Eocene
	<i>Haliomma</i>	UNFIGURED				syn		<i>Haliomma medusa</i>	Ehrenberg 1858: 549	late Middle Eocene
	<i>Haliomma</i>	UNFIGURED				syn		<i>Haliomma medusa</i>	Ehrenberg 1861b: 823	late Middle Eocene
	<i>Haliomma</i>	UNFIGURED				syn		<i>Haliomma medusa</i>	Ehrenberg 1862a: table	late Middle Eocene
	<i>Haliomma</i>	UNFIGURED				syn		<i>Haliomma medusa</i>	Ehrenberg 1873b: 145, 149, 159, 206, 294-295, table 1b	late Middle Eocene
	<i>Haliomma</i>					syn		<i>Haliomma? medusa</i>	Ehrenberg 1876: 74-75	late Middle Eocene
	<i>Haliomma</i>					syn		<i>Actinomma medusa</i>	Stöhr 1878: 90	[early Late Miocene]
	<i>Haliomma</i>					syn		<i>Thecosphaera medusa</i>	Haeckel 1887: 80	Miocene
	<i>Haliomma</i>					syn		<i>Actinomma medusa</i>	Petrushevskaya 1975: 568	Late Oligocene–Miocene
	<i>Haliomma</i>					syn		<i>Hexacontium medusa</i>	Dumitrica 1978: 236	early Late Miocene
	<i>Haliomma</i>					syn		<i>Hexacontium medusa</i>	Caulet 1986a: 852 tab.1	Late Miocene
	<i>Haliomma</i>					syn		<i>Actinomma medusa</i>	Abelmann 1990: 690	Late Oligocene–Miocene
	<i>Haliomma</i>					syn		<i>Actinomma medusa beta</i>	Funakawa & Nishi 2005	Late Eocene–Late Oligocene
	<i>Haliomma</i>					Q		<i>Haliomma sp.</i>	Suzuki et al. 2009a	
	<i>Haliomma</i>					syn		No indication by Ehrenberg	Suzuki et al. 2009a	
	<i>Haliomma</i>					syn		<i>Haliomma medusa</i>	Suzuki et al. 2009a	
	<i>Haliomma</i>		1	1	S			<i>Haliomma rosula</i>	Kozlova in Petrushevskaya & Kozlova 1979: 91	Late Eocene
	<i>Haliomma</i>		1	1	S			<i>Hexacontium dionysus</i>	Kamikuri 2010: 98	Middle Miocene–Living
	<i>Haliomma</i>		1	1	S			<i>Hexacontium kuznetsovi</i>	Gorbunov 1979: 99	Late Eocene

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	<i>Haliomma</i>		1	1	S			<i>Hexacantium quadratum</i>	Tan 1993: 192	Living
	<i>Haliomma</i>		1	1	S			<i>Hexacantium retrospecticulum</i>	Chen 1987: 223	Holocene
	<i>Haliomma</i>		1	1	S			<i>Phacodiscu fragilis</i>	Tochilina 1966: 284	Late Eocene
	<i>Haliomma?</i>		1	1	S			<i>Phacodiscu sonatus</i>	Tochilina 1966: 284	Late Eocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera (Thecosphaera) antarctica</i>	Nakaseko 1959a: 7	Holocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera (Thecosphaera) miocenica</i>	Nakaseko 1955: 73	late Early Miocene
	<i>Haliomma</i>					syn		<i>Thecosphaera (Thecosphaera) miocenica</i>	Nakaseko 1959a: 7	Holocene
	<i>Haliomma</i>					syn		<i>Thecosphaera miocenica</i>	Nakaseko 1959a: 7	Holocene
	<i>Haliomma</i>					syn		<i>Thecosphaera miocenica</i>	Nakaseko 1964: 43	no information given
	<i>Haliomma</i>					syn		<i>Thecosphaera miocenica</i>	Nakaseko 1971b: 60	Miocene
	<i>Haliomma</i>					syn		<i>Thecosphaera miocenica</i>	Nakaseko & Sugano 1973	Early Miocene–Early Pliocene
	<i>Haliomma</i>					syn		<i>Thecosphaera miocenica</i>	Nakaseko & Nishimura 1975: 48	Middle Miocene
	<i>Haliomma</i>					syn		<i>Thecosphaera miocenica</i>	Motoyama 1996: 252	Late Miocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera (Thecosphaerella) californica</i>	Clark & Campbell 1942: 22	early Middle Miocene
	<i>Haliomma</i>					syn		<i>Thecosphaera californica</i>	Clark & Campbell 1945: 10	early Middle Eocene
	<i>Haliomma</i>					Q		<i>Actinommura? sp. aff. T. californica</i>	Kozlova in Petrushevskaya & Kozlova 1972: 519	early Middle Eocene–Oligocene
	<i>Haliomma</i>					syn		<i>Thecosphaera californica</i>	Blueford 1988: 246	early Middle Miocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera bulbosa</i>	Hollande & Enjumeat 1960: 111	Living
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera californica sumensis</i>	Gorbunov 1979: 91	Late Eocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera compressa</i>	Tochilina 1966: 284	Late Eocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera concentrica</i>	Nakaseko 1971b: 64	Middle Miocene–Pliocene
	<i>Haliomma</i>					syn		<i>Thecosphaera concentrica</i>	Nakaseko & Nishimura 1975: 48	Middle Miocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera dedoensis</i>	Nakaseko 1971b: 61	Pliocene
	<i>Haliomma</i>					syn		<i>Thecosphaera dedoensis</i>	Motoyama 1996: 252	Early Pliocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera diligens</i>	Kozlova in Kozlova & Gorbovetz 1966: 53	Late Eocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera grecoi</i>	Vinassa de Regny 1900: 568	late Early Miocene
	<i>Haliomma</i>					syn		<i>Thecosphaera grecoi</i>	Riedel & Sanfilippo 1978b: 108	Early Pliocene
	<i>Haliomma</i>					syn		<i>Thecosphaera grecoi</i>	Tan & Su 1982: 137	Holocene
	<i>Haliomma</i>					syn		<i>Thecosphaera grecoi</i>	Chen & Tan 1996: 156	Holocene
	<i>Haliomma</i>					syn		<i>Thecosphaera grecoi</i>	Tan & Chen 1999: 127	Pleistocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera japonica</i>	Nakaseko 1971b: 61	Miocene
	<i>Haliomma</i>					syn		<i>Thecosphaera japonica</i>	Nakaseko & Sugano 1973	Late Miocene–Pliocene

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	<i>Haliomma</i>		1	1	S			<i>Thecosphaera leptococcus</i>	Ling 1975: 717	Miocene-Pliocene
	<i>Haliomma</i>					syn		<i>Thecosphaera japonica</i>	Sakai 1980: 704	Late Miocene-Living
	<i>Haliomma</i>					syn		<i>Thecosphaera japonica</i>	Vitukhin 1993: p.88, pl.30, fig.6	early Late Miocene
	<i>Haliomma</i>					syn		<i>Thecosphaera japonica</i>	Shilov 1995a: 108	Late Miocene-Pleistocene
	<i>Haliomma</i>					syn		<i>Thecosphaera japonica</i>	Motoyama 1996: 252	early Late Miocene-Late Pleistocene
	<i>Haliomma</i>					syn		<i>Thecosphaera japonica</i>	Renaudie 2012: 54	
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera melitomma</i>	Kozlova in Kozlova & Gorbavetz 1966: 52	Late Eocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera microsphaera</i>	Nakaseko 1971b: 63	Middle Miocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera pseudojaponica</i>	Nakaseko 1971b: 62	Late Miocene-Pliocene
	<i>Haliomma</i>					syn		<i>Thecosphaera pseudojaponica</i>	Motoyama 1996: 252	Early Pliocene-Early Pleistocene
	<i>Haliomma</i>					syn		<i>Thecosphaera pseudojaponica</i>	Renaudie 2012: 54	
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera radians</i>	Hollande & Enjume 1960: 111	Living
	<i>Haliomma</i>					syn		<i>Thecosphaera radians</i>	Caulet 1972: 2760	Pleistocene
	<i>Haliomma</i>					syn		<i>Thecosphaera radians</i>	Dumitrica 1973a: 832	early Early Pleistocene
	<i>Haliomma</i>					syn		<i>Thecosphaera radians</i>	Caulet 1974: 229	Pleistocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera rotunda</i>	Borisenko 1960b: 222	Early Eocene
	<i>Haliomma</i>					syn		<i>Thecosphaerella rotunda</i>	Sanfilippo & Riedel 1973: 522	Late Paleocene-Middle Eocene
	<i>Haliomma</i>					syn		<i>Thecosphaerella rotunda</i>	Kozlova 1999: 80	Late Paleocene-Middle Eocene
	<i>Haliomma</i>					syn		<i>Thecosphaerella rotunda</i>	Kamikuri 2015: tab.1	late Middle Eocene-Late Eocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera saccoi</i>	Principi 1909: 4	Middle Miocene
	<i>Haliomma</i>					syn		<i>Thecosphaera saccoi</i>	Barwicz-Piskorz 1978: 227	early Middle Miocene
	<i>Haliomma</i>					syn		<i>Thecosphaera saccoi</i>	Renaudie 2012: 54	
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera sanfilippoae</i>	Blueford 1982: 199	late Middle Miocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera scabra scabra</i>	Kozlova in Kozlova & Gorbavetz 1966: 51	Late Eocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera stylodendra</i>	Carnevale 1908: 8	early Middle Miocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera sublicia</i>	Lipman 1949: 113	Early Eocene
	<i>Haliomma</i>					syn		<i>Thecosphaerella sublicia</i>	Kozlova 1999: 81	Late Paleocene-Early Eocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera tochiensis</i>	Nakaseko 1971b: 62	Middle Miocene-Pliocene
	<i>Haliomma</i>					syn		<i>Lithatractus tochiensis</i>	Nakaseko & Sugano 1973	early Middle Miocene
	<i>Haliomma</i>		1	1	S			<i>Thecosphaera zitteli</i>	Dreyer 1890: 8	early Middle Miocene
	<i>Haliomma?</i>		1	1	S			<i>Thecosphaerella ptomatus</i>	Sanfilippo & Riedel 1973: 521	Late Paleocene-early Middle Eocene
	<i>Haliomma?</i>					syn		<i>Thecosphaerella ptomatus</i>	Petrushevskaya 1975: 571	Paleocene-Late Oligocene
	<i>Haliomma?</i>					syn		<i>Thecosphaerella ptomatus</i>	Kozlova 1999: tab.5	Late Paleocene-early Middle Eocene

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Haliomma</i>		1	1	S			<i>Thecosphaerella tochiinae</i>	Vasilenko 2019: 329	Late Eocene–Early Oligocene