





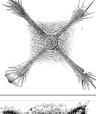
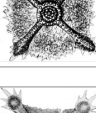
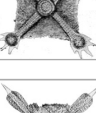
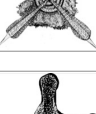

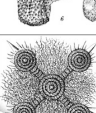


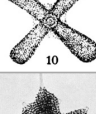
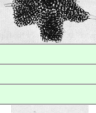
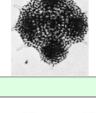



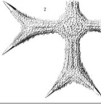




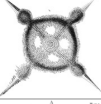
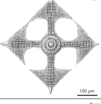



AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Amphicraspedula</i>		1	1	S			<i>Amphibrachium gracilis</i>	Lipman 1972: 55	Middle Eocene
	<i>Amphicraspedula</i>					syn		<i>Amphicarydiscus gracilis</i>	Kozlova 1999: 98	Late Paleocene?–Early Eocene
	<i>Amphicraspedula</i>		1	1	S			<i>Amphibrachium mugodscharicum</i>	Lipman 1953: 147	Middle Eocene
	<i>Amphicraspedula</i>					syn		<i>Amphibrachium mugodscharicum carinatum</i>	Gorbunov 1979: 132	Middle Eocene
	<i>Amphicraspedula</i>		1	1	S			<i>Amphibrachium mugodscharicum acerosum</i>	Gorbunov 1979: 134	Middle Eocene
	<i>Amphicraspedula</i>		1	1	S			<i>Amphibrachium mugodscharicum carinatum</i>	Gorbunov 1979: 132	Middle Eocene
	<i>Amphicraspedula</i>		1	1	S			<i>Amphibrachium paleogenicum</i>	Gorbunov 1979: 130	Middle Eocene
	<i>Amphicraspedula</i>		1	1	S			<i>Amphibrachium planum</i>	Lipman 1980: 123	Middle Eocene
	<i>Amphicraspedula?</i>		1	1	S			<i>Amphibrachium robustum</i>	Vinassa de Regny 1900: 577	late Early Miocene
	<i>Amphicraspedula?</i>					Q		<i>Ommatogramma sp. aff. Amphibrachium robustum</i>	Petrushevskaya & Kozlova 1972: 528	Miocene–Quaternary
	<i>Amphicraspedula</i>		1	1	S			<i>Amphicarydiscus fusoides</i>	Lipman 1972: 53	Middle Eocene
	<i>Amphicraspedula</i>		1	1	S		Ts	<i>Amphicarydiscus ovoides</i>	Lipman 1972: 51	Middle Eocene
	<i>Amphicraspedula</i>		1	1	S			<i>Amphicarydiscus tschekarensis</i>	Lipman 1972: 54	Middle Eocene
	<i>Amphicraspedula</i>		1	1	S		T	<i>Amphicraspedum murrayanum</i>	Haeckel 1887: 523	[Living]
	<i>Amphicraspedula</i>					syn		<i>Amphicraspedum murrayanum</i>	Schröder 1909: 48	Living
	<i>Amphicraspedula</i>					syn		<i>Amphicraspedum murrayanum</i>	Sanfilippo & Riedel 1973: 523	Late Paleocene–Early Eocene
	<i>Amphicraspedula</i>					syn		<i>Amphicraspedum murrayanum</i>	Nigrini 1974: 1065	Early Eocene
	<i>Amphicraspedula</i>					syn		<i>Amphicraspedum murrayanum</i>	O'Connor 1999: 31	Late Eocene
	<i>Amphicraspedula</i>					syn		<i>Amphicraspedum murrayanum</i>	Sanfilippo & Blome 2001: 208	Late Paleocene–Early Eocene
	<i>Amphicraspedula</i>					syn		<i>Amphicraspedum murrayanum</i>	Nigrini et al. 2006: 25	Late Paleocene–Early Eocene
	<i>Amphicraspedula</i>		1	1	S			<i>Amphicraspedum murrayanum</i> var. A	Sanfilippo & Blome 2001: 208	early Middle Eocene
	<i>Amphicraspedula</i>		1	1	S			<i>Amphicraspedum praemurrayanum</i>	Kozlova 1999: 99	Late Paleocene–late Middle Eocene
	<i>Amphicraspedula</i>					syn		<i>Amphicraspedum praemurrayanum</i>	Popova et al. 2002: 21	Paleocene–Early Eocene
	<i>Amphicraspedula</i>		1	1	S			<i>Spongasteriscus (Spongasteriscinus) cruciferus</i>	Clark & Campbell 1942: 50	early Middle Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongasteriscus (Spongasteriscinus) cruciferus</i>	Clark & Campbell 1945: 26	early Middle Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongodiscus cruciferus</i>	Sanfilippo & Riedel 1973: 524	Middle Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongodiscus aff. S. cruciferus</i>	Nigrini 1974: 1066	Early Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongasteriscus cruciferus</i>	Petrushevskaya 1975: 575	Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongasteriscus? cruciferus</i>	Gorbunov 1979: 136	Middle Eocene–Late Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongasteriscus cruciferus</i>	Blueford 1988: 252	Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongodiscus cruciferus</i>	Caulet 1991: 539, tab.3	Middle Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongodiscus cruciferus</i>	Nishimura 1992	Middle Paleocene
	<i>Amphicraspedula</i>					syn		<i>Spongodiscus cruciferus</i>	Kozlova 1999: tab.5	Late Paleocene–Late Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongodiscus cruciferus</i>	O'Connor 1999: 36	Late Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongodiscus cruciferus</i>	Sanfilippo & Blome 2001: 217	Early Eocene–early Middle Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongasteriscus cruciferus</i>	Funakawa & Nishi 2005	Late Eocene–Early Oligocene

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	<i>Amphicraspedula</i>		1	1	S			<i>Spongasteriscus gorskii</i>	Lipman 1953: 151	Late Eocene
	<i>Amphicraspedula</i>		1	1	S			<i>Spongodiscus americanus</i>	Kozlova in Kozlova & Gorbovetz 1966: 88	Late Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongodiscus americanus</i>	Sanfilippo & Riedel 1973: 524	Late Paleocene–Middle Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongodiscus americanus</i>	Caulet 1991: 539, tab.3	Middle Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongodiscus americanus</i>	Kozlova 1999: tab.5	Late Paleocene–Early Eocene
	<i>Amphicraspedula</i>					syn		<i>Spongodiscus americanus</i>	Funakawa & Nishi 2005: 233	Eocene–Early Oligocene
	<i>Amphicraspedula</i>					syn		<i>Annulatospira americana</i>	Dumitrica 2020: 34	
	<i>Amphicraspedula</i>		1	1	S			<i>Spongotrochus antoniae</i>	O'Connor 1997b: 103	early Early Miocene
	<i>Amphicraspedula</i>		1	1	S			<i>Spongurus biconstrictus triangulatus</i>	Gorbunov 1979: 113	Middle Eocene
	<i>Amphicraspedula</i>		1	1	S			<i>Spongurus saxeus</i>	Krashennikov 1960: 282	Early Eocene

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	<i>Histiastrum</i>		1	1	S			<i>Hagiastrium ignobilis</i>	Krashennikov 1960: 291	Early Eocene
	<i>Histiastrum</i>					syn		<i>Spongaster? ignobilis</i>	Kozlova 1999: 93	Early Eocene
	<i>Histiastrum</i>		1	1	S			<i>Histiastrum boseanum</i>	Haeckel 1887: 546	no information given
	<i>Histiastrum</i>		1	1	S			<i>Histiastrum circulare</i>	Haeckel 1887: 546	[Late Eocene]
	<i>Histiastrum</i>					Q		<i>Stephanastrum</i> sp.	Bury 1862	[Late Eocene]
	<i>Histiastrum</i>		1	1	S			<i>Histiastrum coronatum</i>	Haeckel 1887: 546	[Late Eocene]
	<i>Histiastrum</i>					Q		<i>Stephanastrum</i> sp.	Bury 1862	[Late Eocene]
	<i>Histiastrum</i>		1	1	S			<i>Histiastrum gladiatum</i>	Haeckel 1887: 545	[Late Eocene]
	<i>Histiastrum</i>					Q		<i>Astromma</i> sp.	Bury 1862	[Late Eocene]
	<i>Histiastrum</i>		1	1	S			<i>Histiastrum martinianum</i>	Carnevale 1908: 26, 46	early Middle Miocene
	<i>Histiastrum</i>					syn		<i>Histiastrum martinianum</i> gr.	Sanfilippo & Riedel 1973: 217	early Late Miocene
	<i>Histiastrum</i>		1	1	S			<i>Histiastrum paleogenicum</i>	Lipman 1980: 125	early Middle Eocene
	<i>Histiastrum?</i>		1	1	S			<i>Histiastrum pentadiscus</i>	Haeckel 1887: 546	[Quaternary]
	<i>Histiastrum</i>	UNFIGURED	0	1	Su			<i>Histiastrum quaternarium</i>	Ehrenberg 1874b: 237 [only description]	late Middle Eocene
	<i>Histiastrum</i>		1	0	Sf	SYN	T	<i>Histiastrum quaternarium</i>	Ehrenberg 1876: 74-75 [figured type]	late Middle Eocene
	<i>Histiastrum</i>					syn		<i>Histiastrum quaternarium</i>	Haeckel 1887: 545	no information given
	<i>Histiastrum</i>					syn		<i>Histiastrum quaternarium</i>	Ogane et al. 2009a: 92	late Middle Eocene
	<i>Histiastrum</i>					syn		<i>Histiastrum quaternarium</i>	Ogane et al. 2009b	
	<i>Histiastrum?</i>		1	1	S			<i>Spongasteriscus marylandicus</i>	Martin 1904: 453	late Early Miocene
	<i>Histiastrum?</i>		1	1	S			<i>Stylotrochus quadribachiatus multibrachiatus</i>	Sanfilippo & Riedel 1973: 526	early Middle Eocene
	<i>Histiastrum?</i>					syn		<i>Stylotrochus quadribachiatus multibrachiatus</i>	Nigrini 1974: 1066	early Middle Eocene
	<i>Histiastrum?</i>					syn		<i>Stylotrochus quadribachiatus multibrachiatus</i>	Funakawa & Nishi 2005	Early Oligocene
	<i>Histiastrum?</i>					syn		<i>Stylotrochus quadribachiatus multibrachiatus</i>	Kamikuri 2015: tab.1	late Middle Eocene-Late Eocene
	<i>Histiastrum?</i>		1	1	S			<i>Stylotrochus quadribachiatus quadribachiatus</i>	Sanfilippo & Riedel 1973: 526	Early Eocene-early Middle Eocene
	<i>Histiastrum?</i>					syn		<i>Stylotrochus quadribachiatus quadribachiatus</i>	Nigrini 1974: 1066	early Middle Eocene
	<i>Histiastrum</i>		1	1	S			<i>Tessarastrum eoacenus</i>	Lipman 1979: 75	early Middle Eocene
	<i>Histiastrum</i>		1	1	S			<i>Tessarastrum fortii</i>	Carnevale 1908: 27	early Middle Miocene

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	Ommathymenium		1	1	S			Amphicraspedum prolixum	Sanfilippo & Riedel 1973: 524	Early Eocene–Middle Eocene
	Ommathymenium					syn		Amphicraspedum prolixum group	Sanfilippo & Riedel 1973: 524	Paleocene
	Ommathymenium					syn		Amphicraspedum prolixum	Nigrini 1974: 1065	Middle Eocene
	Ommathymenium					syn		Amphicraspedum prolixum	Strong et al. 1995: 208	Early Eocene–Middle Eocene
	Ommathymenium					syn		Amphicraspedum? prolixum	Kozlova 1999: 100	LatePaleocene–Early Eocene
	Ommathymenium					syn		Amphicraspedum prolixum	O'Connor 1999: 31	Late Eocene
	Ommathymenium					syn		Amphicraspedum prolixum	Sanfilippo & Blome 2001: 208	Late Paleocene–Middle Eocene
	Ommathymenium					syn		Amphicraspedum prolixum	Apel et al. 2002: 16, 4	Oligocene
	Ommathymenium		1	1	S			Amphyenium (Ommathymenium) splendiaratum	Clark & Campbell 1942: 46	early Middle Eocene
	Ommathymenium					syn		Amphyenium splendiaratum	Sanfilippo & Riedel 1973: 524	early Middle Eocene
	Ommathymenium					syn		Amphyenium splendiaratum	Caulet 1991: 537	early Middle Eocene–Late Oligocene
	Ommathymenium					syn		Amphyenium splendiaratum	O'Connor 1999: 31	Late Eocene
	Ommathymenium					syn		Amphyenium splendiaratum	Apel et al. 2002: 16	Oligocene
	Ommathymenium					syn		Amphyenium splendiaratum	Popova et al. 2002: 21	Early Paleocene–late Middle Eocene
	Ommathymenium					syn		Amphyenium splendiaratum	Funakawa & Nishi 2005: 231	Late Eocene–Late Oligocene
	Ommathymenium		1	1	S		T	Amphyenium amphistylum	Haeckel 1887: 520	[Living]
	Ommathymenium					Q		Ommatocampe spp. aff. Amphyenium amphistylum	Kozlova in Petrushevskaya & Kozlova 1972: 527	late Early Miocene
	Ommathymenium					syn		Amphyenium amphistylum	Morley & Nigrini 1995: 78	late Early Miocene–early Late Miocene
	Ommathymenium					syn		Amphyenium amphistylum	Shilov 1995a: 108	early Middle Miocene
	Ommathymenium					syn		Amphyenium amphistylum	Kamikuri 2015: tab.1	late Middle Eocene–Late Eocene
	Ommathymenium		1	1	S			Amphyenium connicinum	Kim 1992: 38	Late Paleocene–Oligocene

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	Stephanastrum		1	1	S			Dicranastrum cornutum	Haeckel 1887: 551	[Quaternary]
	Stephanastrum		1	1	S		Ts	Hagiastrum buddhae	Haeckel 1887: 542	Living
	Stephanastrum		1	1	S			Staurastrum antiquum	Haeckel 1887: 541	Living
	Stephanastrum		1	1	S		Ts	Staurastrum rhopalophorum	Haeckel 1887: 541	[Quaternary]
	Stephanastrum					Q		Stephanastrum sp. aff. S. rhopalophorum	Petrushevskaya & Kozlova 1972: 527	late Middle Eocene–early Middle Miocene
	Stephanastrum		1	1	S			Staurastrum trispinosum	Carter 1896f: 241	Late Eocene
	Stephanastrum		1	1	S			Stephanastrum capitatum	Haeckel 1887: 549	[Quaternary]
	Stephanastrum		1	1	S		Ts	Stephanastrum quadratum	Haeckel 1887: 549	[Early Miocene]
	Stephanastrum		1	1	S		T	Stephanastrum rhombus	Ehrenberg 1847: 55	late Middle Eocene
	Stephanastrum					syn		Stephanastrum rhombus	Ehrenberg 1854d	late Middle Eocene
	Stephanastrum					syn		Stephanastrum rhombus	Bury 1862	[Late Eocene]
	Stephanastrum					syn		Stephanastrum rhombus	Haeckel 1862: 502	no information given
	Stephanastrum					syn		Stephanastrum rhombus	Ehrenberg 1876: 84-85	late Middle Eocene
	Stephanastrum					syn		Stephanastrum rhombus	Haeckel 1887: 549	
	Stephanastrum					syn		Stephanastrum rhombus	Ogane et al. 2009a: 87	late Middle Eocene
	Stephanastrum					syn		Stephanastrum rhombus	Ogane et al. 2009b	
	Stephanastrum					syn		Stephanastrum rhombus	Kamikuri 2015: tab.1	late Middle Eocene–Late Eocene