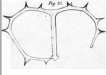

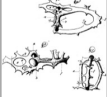





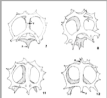

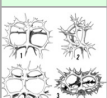
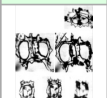
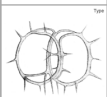


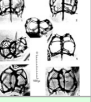


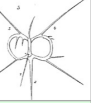


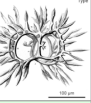


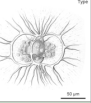



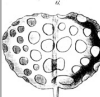

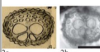




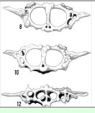

















AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Acanthodesmia</i>		1	1	S			<i>Acanthodesmia arcuata</i>	Harting 1863: 12	[Quaternary]
	<i>Acanthodesmia</i>		1	1	S			<i>Acanthodesmia corona</i>	Haeckel 1887: 976	Living
	<i>Acanthodesmia?</i>		1	1	S			<i>Acanthodesmia hertwigi</i>	Bütschli 1882b: 499	[Eocene]
	<i>Acanthodesmia?</i>					syn		<i>Tristephanium hertwigii</i>	Haeckel 1887: 983	
	<i>Acanthodesmia</i>		1	1	S		Ts	<i>Acanthostephanus corona</i>	Haeckel 1879: 705	Living
	<i>Acanthodesmia</i>		1	1	S			<i>Coronidium acacia</i>	Haeckel 1887: 975	[Quaternary]
	<i>Acanthodesmia</i>		1	1	S			<i>Coronidium cervicorne</i>	Haeckel 1887: 974	[Quaternary]
	<i>Acanthodesmia</i>		1	1	S			<i>Coronidium diadema</i>	Haeckel 1887: 974	Living
	<i>Acanthodesmia</i>		1	1	S			<i>Eucoronis angulata</i>	Haeckel 1887: 978	[Quaternary]
	<i>Acanthodesmia</i>					syn		<i>Eucoronis angulata</i>	Popofsky 1917: 270, 278	Living
	<i>Acanthodesmia</i>					syn		<i>Eucoronis angulata</i>	Riedel 1953: 810	late Late Miocene
	<i>Acanthodesmia</i>					syn		<i>Giraffospyris angulata</i>	Goll 1969: 331	Late Miocene–Quaternary
	<i>Acanthodesmia</i>					syn		<i>Giraffospyris angulata</i>	Goll 1972a: 965	early Late Miocene–Pleistocene
	<i>Acanthodesmia</i>					syn		<i>Giraffospyris angulata</i>	Renz 1976: 167	Living
	<i>Acanthodesmia</i>		1	1	S			<i>Eucoronis fridjofnanseni</i>	Goll & Bjørklund 1980: 366	early Late Miocene
	<i>Acanthodesmia</i>		1	1	S			<i>Eucoronis nephrospyrus</i>	Haeckel 1887: 977	Living
	<i>Acanthodesmia</i>					syn		<i>Eucoronis nephrospyrus</i>	Riedel 1953: 810	early Late Miocene
	<i>Acanthodesmia</i>					syn		<i>Eucoronis nephrospyrus</i>	Tan & Tchang 1976: 271	Living
	<i>Acanthodesmia</i>		1	1	S			<i>Giraffospyris circumflexa</i>	Goll 1969: 332	early Late Miocene–Pliocene
	<i>Acanthodesmia</i>					syn		<i>Acanthodesmia circumflexa</i>	Petrushevskaya 1971: 279	Living
	<i>Acanthodesmia</i>					syn		<i>Acanthodesmia circumflexa</i>	Caulet 1986a: 851	Pliocene–Pleistocene
	<i>Acanthodesmia</i>					syn		<i>Giraffospyris circumflexa</i>	Mahapatra & Sharma 1994: 159	late Early Miocene–Middle Miocene
	<i>Acanthodesmia</i>		1	1	S			<i>Giraffospyris praetoxaria</i>	Mahapatra & Sharma 1994: 160	late Early Miocene
	<i>Acanthodesmia</i>	UNFIGURED	0	1	Su			<i>Lithocircus vinculatus</i>	Müller 1856: 484 [only description]	Living
	<i>Acanthodesmia</i>		1	0	Sf	SYN	T	<i>Acanthodesmia vinculata</i>	Müller 1859b: 30 [figured type]	Living
	<i>Acanthodesmia</i>					syn		<i>Acanthodesmia vinculata</i>	Hertwig 1879: 198	Living
	<i>Acanthodesmia</i>					syn		<i>Lithocubus vinculatus</i>	Haeckel 1887: 1012	Living
	<i>Acanthodesmia</i>					syn		<i>Acanthodesmia vinculata</i>	Haeckel 1887: 975	Living
	<i>Acanthodesmia</i>					syn		<i>Acanthodesmia vinculata</i>	Petrushevskaya 1971: 278	Living
	<i>Acanthodesmia</i>					syn		<i>Acanthodesmia vinculata</i>	Dumitrica 1973a: 841	Holocene–Living
	<i>Acanthodesmia</i>					syn		<i>Acanthodesmia vinculata</i>	Caulet 1974: 250	Pleistocene
	<i>Acanthodesmia</i>					syn		<i>Acanthodesmia vinculata</i>	Boltovskoy & Riedel 1980: 120	Living
	<i>Acanthodesmia</i>					syn		<i>Acanthodesmia vinculata</i>	Caulet 1991: 537, tab.4	Late Pliocene–Living
	<i>Acanthodesmia</i>					syn		<i>Acanthodesmia vinculata</i>	Takahashi 1991: 102	Living



AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Acanthodesmia</i>		1	1	S		Ts	<i>Lithocoronis challengerii</i>	Haeckel in Tizard et al. 1885: 225	no information given
	<i>Acanthodesmia</i>					syn		<i>Eucoronis challengerii</i>	Haeckel 1887: 978	Living
	<i>Acanthodesmia</i>					syn		<i>Eucoronis challengerii</i>	Tan & Tchang 1976: 272	Living
	<i>Acanthodesmia</i>		1	1	S			<i>Lithocubus astragalus</i>	Haeckel 1887: 1012	[Quaternary]
	<i>Acanthodesmia?</i>		1	1	S			<i>Lophospyris cheni</i>	Goll 1976: 402	Holocene
	<i>Acanthodesmia?</i>					syn		<i>Lophospyris cheni</i>	Takahashi 1991: 103	Living
	<i>Acanthodesmia</i>		1	1	S			<i>Octotympanum cervicorne</i>	Haeckel 1887: 1000	[Quaternary]
	<i>Acanthodesmia</i>		1	1	S		Ts	<i>Octotympanum octonarium</i>	Haeckel 1887: 1000	[Quaternary]
	<i>Acanthodesmia?</i>		1	1	S			<i>Semantiscus gracilis</i>	Popofsky 1908: 268	Living
	<i>Acanthodesmia?</i>					syn		<i>Semantis gracilis</i>	Popofsky 1913: 298	Living
	<i>Acanthodesmia?</i>					syn		<i>Semantis gracilis</i>	Takahashi 1991: 94	Living
	<i>Acanthodesmia</i>		1	1	S		Ts	<i>Tristephanium dimensivum</i>	Haeckel 1887: 983	[Quaternary]
	<i>Acanthodesmia</i>		1	1	S		Ts	<i>Tristephanium quadricorne</i>	Haeckel 1887: 984	[Quaternary]
	<i>Acanthodesmia</i>		1	1	S		Ts, Ti	<i>Tympanidium foliosum</i>	Haeckel 1887: 1003	Quaternary
	<i>Acanthodesmia</i>					syn		<i>Tympanidium foliosum</i>	Popofsky 1913: 302	Living
	<i>Acanthodesmia</i>					syn		<i>Tympanidium foliosum</i>	Renz 1976: 169	Living
	<i>Acanthodesmia</i>		1	1	S			<i>Zygostephanium paradietum</i>	Haeckel 1887: 973	Living
	<i>Acanthodesmia</i>		1	1	S			<i>Zygostephanus bicornis</i>	Haeckel 1887: 972	[Quaternary]
	<i>Acanthodesmia</i>		1	1	S		Ts	<i>Zygostephanus muelleri</i>	Haeckel 1862: 268	Living
	<i>Acanthodesmia</i>					syn		<i>Zygostephanus muelleri</i>	Haeckel 1887: 971	Living
n.d. [inf.]	<i>Acanthodesmia?</i>	UNFIGURED	0	1	Se		Td	<i>Zygostephanus reniformis</i>	Haeckel 1887: 972 [only description]	[Quaternary]


AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Dictyospyris</i>		1	1	S			<i>Circospyris papilio</i>	Kozlova in Kozlova & Gorbovetz 1966: 99	Late Eocene
	<i>Dictyospyris</i>					syn		<i>Dictyospyrella papilio</i>	Kozlova 1999: 163	Early Eocene
	<i>Dictyospyris</i>		1	1	S			<i>Dicryospyrella asymmetria</i>	Kozlova 1999: 163	Early Eocene
	<i>Dictyospyris</i>	UNFIGURED	0	1	Su			<i>Dictyospyris fenestra</i>	Ehrenberg 1874b: 224 [only description]	late Middle Eocene
	<i>Dictyospyris</i>		1	0	Sf	SYN	Ts	<i>Dictyospyris fenestra</i>	Ehrenberg 1876: 68-69 [figured type]	late Middle Eocene
	<i>Dictyospyris</i>					syn		<i>Dictyospyris fenestra</i>	Haeckel 1887: 1075	
	<i>Dictyospyris</i>					syn		<i>Liriospyris fenestrata</i>	Kozlova 1999: 165	late Middle Eocene
	<i>Dictyospyris</i>					syn		<i>Dictyospyris fenestra</i>	Ogane et al. 2009b	
	<i>Dictyospyris</i>	UNFIGURED	0	1	Su			<i>Dictyospyris gigas</i>	Ehrenberg 1874b: 224 [only description]	late Middle Eocene
	<i>Dictyospyris</i>		1	0	Sf	SYN		<i>Dictyospyris gigas</i>	Ehrenberg 1876: 68-69 [figured type]	late Middle Eocene
	<i>Dictyospyris</i>					syn		<i>Dictyospyris gigas</i>	Bütschli 1882b: 538	[Eocene]
	<i>Dictyospyris</i>					syn		<i>Circospyris gigas</i>	Haeckel 1887: 1072	no information given
	<i>Dictyospyris</i>					syn		<i>Dictyospyris gigas</i>	Haeckel 1887: 1075	no information given
	<i>Dictyospyris</i>					syn		<i>Dictyospyris gigas</i>	Sanfilippo & Riedel 1973: 527	Early Eocene–Middle Eocene
	<i>Dictyospyris</i>					syn		<i>Dictyospyris gigas</i>	Ogane et al. 2009b	
	<i>Dictyospyris</i>					syn		<i>Dictyospyris gigas</i>	Kamikuri 2015: tab.1	late Middle Eocene–Late Eocene
	<i>Dictyospyris</i>		1	1	S		Ts	<i>Dictyospyris stalactites</i>	Haeckel 1887: 1073	[Quaternary]
	<i>Dictyospyris</i>					syn		<i>Dictyospyris stalactites</i>	Nishimura 1990: 121	Middle Miocene
	<i>Dictyospyris</i>					syn		<i>Dictyospyris stalactites</i>	Nishimura 1990: 121	late Middle Miocene
n.n. [premature n.]	<i>Dictyospyris</i>	UNFIGURED	0	0	Sp	PRE		<i>Dictyospyris tetrastoma</i>	Ehrenberg 1873b: 288-289	
	<i>Dictyospyris</i>	UNFIGURED	0	1	Su			<i>Dictyospyris tetrastoma</i>	Ehrenberg 1874b: 224 [only description]	late Middle Eocene
	<i>Dictyospyris</i>		1	0	Sf	SYN		<i>Dictyospyris tetrastoma</i>	Ehrenberg 1876: 70-71 [figured type]	late Middle Eocene
	<i>Dictyospyris</i>					syn		<i>Dictyospyris tetrastoma</i>	Haeckel 1887: 1075	[Miocene]
	<i>Dictyospyris</i>					syn		No indication by Ehrenberg	Ogane et al. 2009b	
	<i>Dictyospyris</i>					syn		<i>Dictyospyris tetrastoma</i>	Ogane et al. 2009b	
	<i>Dictyospyris</i>		1	0	Sf		T	<i>Dictyospyris triloba</i>	Ehrenberg 1854d [only figured]	late Middle Eocene
	<i>Dictyospyris</i>	UNFIGURED	0	1	Sd	SYN		<i>Dictyospyris triloba</i>	Ehrenberg 1874b: 224 [only description]	late Middle Eocene
	<i>Dictyospyris</i>					syn		<i>Dictyospyris triloba</i>	Haeckel 1862: 292	no information given
	<i>Dictyospyris</i>					syn		<i>Dictyospyris trilobata</i>	Ehrenberg 1876: 70-71	late Middle Eocene
	<i>Dictyospyris</i>					syn		<i>Dictyospyris triloba</i>	Haeckel 1887: 1074	no information given
	<i>Dictyospyris</i>					syn		<i>Dictyospyris trilobata</i>	Ogane et al. 2009b	
n.n. [premature n.]	<i>Dictyospyris</i>	UNFIGURED	0	0	Sp	PRE		<i>Dictyospyris tristoma</i>	Ehrenberg 1847: 48	
	<i>Dictyospyris</i>	UNFIGURED	0	1	Su			<i>Dictyospyris tristoma</i>	Ehrenberg 1874b: 224 [only description]	late Middle Eocene

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	Dictyospyris		1	0	Sf	SYN	Ts	Dictyospyris tristoma	Ehrenberg 1876: 70-71 [figured type]	late Middle Eocene
	Dictyospyris					syn		Dictyospyris tristoma	Haeckel 1887: 1074	
	Dictyospyris					syn		Dictyospirella tristoma	Kozlova 1999: 164	Late Eocene?–Oligocene
	Dictyospyris					syn		Dictyospyris tristoma	Suzuki et al. 2009a	
	Dictyospyris					syn		Dictyospyris tristoma	Ogane et al. 2009b	
	Dictyospyris					syn		Dictyospyris tristoma	Kamikuri 2015: tab.1	late Middle Eocene–Late Eocene

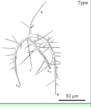






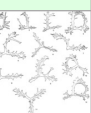



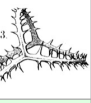
AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Eucoronis</i>		1	1	S		Ts	<i>Acrocubus octopylus</i>	Haeckel 1887: 993	[Quaternary]
	<i>Eucoronis</i>					syn		<i>Acrocubus octopylus</i>	Goll 1972a: 961	Late Oligocene–early Middle Miocene
	<i>Eucoronis</i>					syn		<i>Acrocubus octopylus</i>	Moore 1995: tab.15	late Early Miocene
	<i>Eucoronis</i>					syn		<i>Acrocubus octopylus</i>	Nigrini et al. 2006: 24	Early Oligocene–late Middle Miocene
n.d. [inf.]	<i>Eucoronis?</i>	UNFIGURED	0	1	Se		Td	<i>Acrocubus tetrapodius</i>	Haeckel 1887: 994 [only description]	[Quaternary]
	<i>Eucoronis</i>		1	1	S		Ts	<i>Coronidium dyostephanus</i>	Haeckel 1887: 974	[Quaternary]
	<i>Eucoronis</i>		1	1	S		T	<i>Eucoronis perspicillum</i>	Haeckel 1887: 977	[Quaternary]
	<i>Eucoronis</i>		1	1	S			<i>Liriospyris longicornuta</i>	Goll 1968: 1428	Early Oligocene
	<i>Eucoronis</i>					syn		<i>Liriospyris longicornuta</i>	Goll 1972a: 966	Late Oligocene
	<i>Eucoronis</i>					syn		<i>Liriospyris longicornuta</i>	Nigrini et al. 2006: 41	Late Oligocene
	<i>Eucoronis</i>		1	1	S			<i>Liriospyris parkerae</i>	Riedel & Sanfilippo 1971: 1590	Middle Miocene
	<i>Eucoronis</i>					syn		<i>Liriospyris parkerae</i>	Sanfilippo & Riedel 1973: 529	Miocene
	<i>Eucoronis</i>					syn		<i>Liriospyris parkerae</i>	Mahapatra & Sharma 1994: 160	Middle Miocene
	<i>Eucoronis</i>					syn		<i>Liriospyris parkerae</i>	Moore 1995: tab.15	Middle Miocene
	<i>Eucoronis</i>					syn		<i>Liriospyris parkerae</i>	Nigrini et al. 2006: 41	Middle Miocene
n.d. [inf.]	<i>Eucoronis?</i>	UNFIGURED	0	1	Se		Td	<i>Podocoronis dipodiscus</i>	Haeckel 1887: 980 [only description]	[Quaternary]
n.d. [inf.]	<i>Eucoronis?</i>	UNFIGURED	0	1	Se		Td	<i>Podocoronis hexapodiscus</i>	Haeckel 1887: 982 [only description]	[Quaternary]
n.d. [inf.]	<i>Eucoronis?</i>	UNFIGURED	0	1	Se		Td	<i>Tympaniscus corona</i>	Haeckel 1887: 1001 [only description]	[Quaternary]




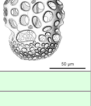


AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Lithocircus</i>		1	1	S			<i>Archicircus hexacanthus</i>	Haeckel 1887: 942	[Quaternary]
	<i>Lithocircus</i>		1	1	S		Ts	<i>Archicircus primordialis</i>	Haeckel 1887: 942	[Quaternary]
	<i>Lithocircus</i>		1	1	S			<i>Dendrocircus arborescens</i>	Haeckel 1887: 949	Living
	<i>Lithocircus</i>		1	1	S			<i>Dendrocircus dodecancistra</i>	Haeckel 1887: 949	[Quaternary]
	<i>Lithocircus</i>		1	1	S			<i>Dendrocircus elegans</i>	Haeckel 1887: 949	[Quaternary]
n.d. [inf.]	<i>Lithocircus?</i>	UNFIGURED	0	1	So		Td	<i>Dendrocircus quadrangulus</i>	Haeckel 1887: 948 [only description]	[Quaternary]
	<i>Lithocircus</i>		1	1	S			<i>Dendrocircus stalactites</i>	Haeckel 1887: 950	[Quaternary]
	<i>Lithocircus</i>	UNFIGURED	0	1	Su			<i>Lithocircus annularis</i>	Müller 1856: 484 [only description]	Living
	<i>Lithocircus</i>		1	0	Sf	SYN	T	<i>Lithocircus annularis</i>	Müller 1859b: 29 [figured type]	Living
	<i>Lithocircus</i>	UNFIGURED				syn		<i>Lithocircus annularis</i>	Haeckel 1862: 267	Living
	<i>Lithocircus</i>					syn		<i>Lithocircus annularis</i>	Hertwig 1879: 197, 275	Living
	<i>Lithocircus</i>					syn		<i>Lithocircus annularis</i>	Haeckel 1887: 943	
	<i>Lithocircus</i>		1	1	S			<i>Lithocircus annulus</i>	Harting 1863: 17	[Quaternary]
	<i>Lithocircus</i>		1	1	S			<i>Lithocircus crambessa</i>	Haeckel 1887: 944	[Quaternary]
	<i>Lithocircus</i>		1	1	S			<i>Lithocircus decimalis</i>	Haeckel 1887: 944	Living
	<i>Lithocircus</i>		1	1	S			<i>Lithocircus hexablastus</i>	Haeckel 1887: 944	[Quaternary]
	<i>Lithocircus</i>		1	1	S			<i>Lithocircus magnificus</i>	Haeckel 1887: 945	Living
	<i>Lithocircus</i>		1	1	S			<i>Lithocircus quadricornis</i>	Haeckel 1887: 944	[Quaternary]
	<i>Lithocircus</i>		1	1	S			<i>Zygocircus triquetrus</i>	Haeckel 1887: 947	Living
	<i>Lithocircus</i>					syn		<i>Zygocircus triquetrus</i>	Riedel 1953: 810	

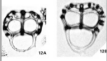



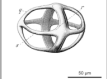

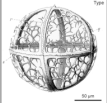



AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	Lithocubus		1	1	S			Archicircus rhombus	Haeckel 1887: 942	[Quaternary]
	Lithocubus					syn		Archicircus rhombus	Goll 1972a: 961	Early Pliocene–Pleistocene
	Lithocubus					syn		Tholospyris rhombus	Goll 1972b: 455	Early Pliocene–early Early Pleistocene
	Lithocubus					syn		Archistephus rhombus	Caulet 1974: 252	Pleistocene
	Lithocubus					syn		Tholospyris rhombus	Riedel & Sanfilippo 1978b: 110	Early Pliocene
	Lithocubus		1	1	S		T	Lithocubus geometricus	Haeckel 1887: 1011	[Quaternary]













AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	Lithotympanium		1	1	S		T, Ti	Lithotympanum tuberosum	Haeckel 1887: 1006	[Quaternary]
	Lithotympanium					syn		Lithotympanum tuberosum	Petrushevskaya & Kozlova 1972: 533	early Early Miocene–early Late Miocene



AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	Neosemantis		1	1	S		Ts, Th	Campylacantha cladophora	Jørgensen 1905: 129	Living
	Neosemantis					syn		Campylacantha cladophora	Schröder 1914: 76	Living
	Neosemantis					syn		Neosemantis cladophora	Goll 1979: 385	Living
	Neosemantis					syn		Neosemantis cladophora	Takahashi 1991: 95	Living
	Semantis		1	1	S			Cortiniscus dipylaris	Haeckel 1887: 891	[Early Miocene]
	Semantis		1	1	S			Cortiniscus tripodiscus	Haeckel 1887: 963	[Quaternary]
	Semantis		1	1	S		Ts	Cortiniscus typicus	Haeckel 1887: 964	[Quaternary]
	Neosemantis		1	1	S			Neosemantis distephanus verticalis	Goll 1979: 384	late Early Miocene–Early Pliocene
	Neosemantis		1	1	S			Neosemantis bjoerklundii	Goll 1979: 383	late Early Miocene–early Late Miocene
	Neosemantis		1	1	S			Neosemantis bjoerklundii bjoerklundii	Goll 1979: 384	late Early Miocene–early Late Miocene
	Neosemantis					syn		Tetraplagia bjoerklundii bjoerklundii	Nishimura 1990: 84	late Middle Miocene
	Neosemantis		1	1	S			Neosemantis bjoerklundii mimicus	Goll 1979: 383	late Early Miocene–early Late Miocene
	Neosemantis		1	1	S		T	Neosemantis distephanus	Popofsky 1913: 299, 412	Living
	Neosemantis					syn		Neosemantis distephanus	Tan & Tchang 1976: 270	Living
	Neosemantis					syn		Neosemantis distephanus	Boltovskoy & Riedel 1980: 120	Living
	Neosemantis					syn		Neosemantis distephanus	Takahashi 1991: 95	Living
	Neosemantis		1	1	S			Neosemantis hofferti	Goll 1980: 438	late Early Pleistocene–Middle Pleistocene
	Semantis		1	1	S		T	Semantis biforis	Haeckel 1887: 956	[Quaternary]
	Neosemantis		1	1	S			Semantis distephanus	Haeckel 1887: 957	Living
	Neosemantis					syn		Neosemantis distephanus	Petrushevskaya 1971: 152	Living
	Neosemantis					syn		Neosemantis distephanus	Goll 1979: 384	Late Miocene–Living
	Neosemantis					syn		Neosemantis distephanus distephanus	Goll 1979: 385	late Middle Miocene–Living

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence )
	Tricolospyris		1	1	S		Ts	Perispyris bicincta	Haeckel 1887: 1099	[Quaternary]
	Tricolospyris					Q		Dictyospyris sp. aff. D. bicincta	Nishimura 1990: 121	late Middle Miocene
	Tricolospyris		1	1	S			Tricolospyris baconiana	Haeckel 1887: 1098	[Quaternary]
	Tricolospyris					syn		Tholospyris baconiana baconiana	Goll 1972b: 450	late Middle Miocene–Late Pleistocene
	Tricolospyris					syn		Tricolospyris baconiana	Caulet 1979: 135	Late Pliocene–Middle Pleistocene
	Tricolospyris					syn		Tholospyris baconiana baconiana	Takahashi 1991: 106	Living
	Tricolospyris		1	1	S			Tricolospyris baconiana complanata	Caulet 1979: 135	Late Pliocene
	Tricolospyris		1	1	S			Tricolospyris baconiana seychelli	Caulet 1979: 135	early Early Pleistocene–Middle Pleistocene
	Tricolospyris		1	1	S		T	Tricolospyris kantiana	Haeckel 1887: 1098	[Quaternary]
	Tricolospyris					syn		Tholospyris kantiana	Goll 1969: 327	late Early Miocene–Late Pliocene
	Tricolospyris					syn		Tholospyris kantiana	Mahapatra & Sharma 1994: 162	late Early Miocene–Middle Miocene
	Tricolospyris		1	1	S			Tricolospyris leibnitziana	Haeckel 1887: 1098	[Quaternary]
	Tricolospyris					syn		Tricolospyris leibnitziana	Petrushevskaya & Kozlova 1972: 533	early Middle Miocene
	Tricolospyris					syn		Tricolospyris leibnitziana	Goll 1972a: 969	early Late Miocene–early Early Pleistocene
	Tricolospyris		1	1	S			Tricolospyris newtoniana	Haeckel 1887: 1098	[Quaternary]
	Tricolospyris					syn		Tholospyris newtoniana	Goll 1972b: 450	late Middle Miocene
	Tricolospyris					syn		Tricolospyris newtoniana	Caulet 1986a: 854	Late Miocene

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence )
	<i>Trissocyclus?</i>		1	1	S			<i>Liriospyris cricus</i>	Westberg-Smith & Riedel 1984: 491	late Late Miocene–Pliocene
	<i>Trissocyclus</i>		1	1	S			<i>Liriospyris elevata</i>	Goll 1968: 1426	Middle Miocene–Late Miocene
	<i>Trissocyclus</i>					syn		<i>Liriospyris elevata</i>	Riedel & Sanfilippo 1971: 1590	early Middle Miocene–Late Miocene
	<i>Trissocyclus</i>					syn		<i>Liriospyris elevata</i>	Goll 1972a: 966	Middle Miocene–early Early Pleistocene
	<i>Trissocyclus</i>					syn		<i>Liriospyris elevata</i>	Mahapatra & Sharma 1994: 160	late Early Miocene–Middle Miocene
	<i>Trissocyclus</i>		1	1	S			<i>Trissocircus binellipsis</i>	Haeckel 1887: 985	[Early Miocene]
	<i>Trissocyclus</i>		1	1	S		Ts	<i>Trissocircus globus</i>	Haeckel 1887: 986	[Early Miocene]
	<i>Trissocyclus</i>		1	1	S		Ts	<i>Trissocircus lentellipsis</i>	Haeckel 1887: 985	[Quaternary]
	<i>Trissocyclus</i>		1	1	S			<i>Trissocircus octostoma</i>	Haeckel 1887: 986	Living
	<i>Trissocyclus</i>		1	1	S		Ts	<i>Trissocyclus sphaeridium</i>	Haeckel 1887: 987	Living
	<i>Trissocyclus</i>		1	1	S		T	<i>Trissocyclus stauroporus</i>	Haeckel 1887: 987	[Quaternary]
	<i>Trissocyclus</i>					syn		<i>Liriospyris stauropora</i>	Goll 1968: 1431	Late Oligocene–Middle Pliocene
	<i>Trissocyclus</i>					syn		<i>Liriospyris stauropora</i>	Riedel & Sanfilippo 1971: 1590	Early Miocene–late Middle Miocene
	<i>Trissocyclus</i>					syn		<i>Trissocyclus stauroporus</i>	Petrushevskaya & Kozlova 1972: 533	Miocene
	<i>Trissocyclus</i>					syn		<i>Liriospyris stauropora</i>	Goll 1972a: 967	Early Miocene–Middle Miocene
	<i>Trissocyclus</i>					syn		<i>Liriospyris stauropora</i>	Sanfilippo & Riedel 1973: 529	Miocene
	<i>Trissocyclus</i>					syn		<i>Liriospyris stauropora</i>	Mahapatra & Sharma 1994: 161	late Early Miocene–late Middle Miocene
	<i>Trissocyclus</i>					syn		<i>Liriospyris stauropora</i>	Moore 1995: tab.15	Miocene
	<i>Trissocyclus</i>					syn		<i>Liriospyris stauropora</i>	Nigrini et al. 2006: 41	Early Miocene–Middle Miocene
	<i>Trissocyclus</i>		1	1	S		Ts	<i>Zygostephanium dizonium</i>	Haeckel 1887: 973	[Early Miocene]
	<i>Trissocyclus</i>		1	1	S			<i>Zygostephanus dissocircus</i>	Haeckel 1887: 971	Living

AVAILABILITY	STATUS (current genus)	IMAGE	F	D	S	syn	Type	ORIGINAL COMBINATION (corrected spelling)	AUTHORSHIP (species)	AGE (original chronostratigraphic occurrence)
	<i>Tympanomma</i>		1	1	S			<i>Ceratospyris muelleri</i>	Stöhr 1880: 98	[early Late Miocene]
	<i>Tympanomma</i>					syn		<i>Ceratospyris muelleri</i>	Haeckel 1887: 1068	
	<i>Tympanomma</i>					syn		<i>Ceratospyris muelleri</i>	Dumitrica 1973a: 841	early Early Pleistocene
	<i>Tympanomma?</i>		1	1	S			<i>Dictiospyris anthophora</i>	Haeckel 1887: 1076	Living
	<i>Tympanomma?</i>					syn		<i>Tholospyris anthophora</i>	Goll 1969: 324	Early Oligocene–Late Pliocene
	<i>Tympanomma?</i>					syn		<i>Tholospyris anthophora</i>	Goll 1972a: 1076	Late Oligocene–Middle Miocene
	<i>Tympanomma?</i>					syn		<i>Tholospyris anthophora</i>	Nakaseko & Nishimura 1975: 54	early Middle Miocene
	<i>Tympanomma?</i>					syn		<i>Tholospyris anthophora</i>	Mahapatra & Sharma 1994: 162	Early Miocene–Middle Miocene
	<i>Tympanomma?</i>		1	1	S			<i>Dictiospyris biporata</i>	Vinassa de Regny 1900: 587	late Early Miocene
	<i>Tympanomma</i>		1	1	S			<i>Dictiospyris distoma</i>	Haeckel 1887: 1073	[Quaternary]
	<i>Tympanomma</i>					syn		<i>Dictiospyris (Dictiospyris) distoma</i>	Nakaseko 1955: 98	late Early Miocene
	<i>Tympanomma</i>					syn		<i>Dictiospyris distoma</i>	Nishimura 1990: 121	late Middle Miocene
	<i>Tympanomma</i>		1	1	S			<i>Dictiospyris mammillaris</i>	Haeckel 1887: 1076	[Quaternary]
	<i>Tympanomma</i>					syn		<i>Dictiospyris (Dictiospyrissa) mammillaris</i>	Nakaseko 1955: 99	late Early Miocene
	<i>Tympanomma</i>					syn		<i>Tholospyris mammillaris</i>	Goll 1969: 327	early Early Miocene
	<i>Tympanomma</i>					syn		<i>Tholospyris mammillaris</i>	Goll 1972a: 968	early Early Miocene
	<i>Tympanomma</i>					syn		<i>Tholospyris mammillaris</i>	Mahapatra & Sharma 1994: 162	late Early Miocene
	<i>Tympanomma?</i>		1	1	S			<i>Dictiospyris meneghinii</i>	Principi 1909: 14	Middle Miocene
	<i>Tympanomma</i>		1	1	S			<i>Liriospyris geniculosa</i>	Goll 1968: 1427	Early Eocene–late Early Miocene
	<i>Tympanomma</i>					syn		<i>Liriospyris geniculosa</i>	Mahapatra & Sharma 1994: 160	Early Eocene–early Middle Miocene
	<i>Tympanomma</i>		1	1	S			<i>Liriospyris insulae</i>	Nishimura 1992: 330	Middle Paleocene
	<i>Tympanomma</i>		1	1	S			<i>Liriospyris mutuaia</i>	Goll 1968: 1428	Early Miocene–Middle Miocene
	<i>Tympanomma</i>					syn		<i>Liriospyris mutuaia</i>	Goll 1972a: 967	late Early Miocene–early Middle Miocene
	<i>Tympanomma</i>					syn		<i>Liriospyris mutuaia</i>	Mahapatra & Sharma 1994: 160	Early Miocene–Middle Miocene
	<i>Tympanomma</i>		1	1	S			<i>Nephrospyris symmetricus</i>	Levykina 1986: 95	Middle Miocene
	<i>Tympanomma</i>		1	1	S			<i>Tympanidium barbadense</i>	Haeckel 1887: 1004	[Late Eocene]
	<i>Tympanomma</i>		1	1	S		T	<i>Tympanidium binoctonum</i>	Haeckel 1887: 1004	[Quaternary]
	<i>Tympanomma</i>					syn		<i>Tympanidium binoctonum</i>	Riedel 1957a: 78	Late Oligocene–Early Miocene
	<i>Tympanomma</i>					syn		<i>Tympanomma binoctonum</i>	Petrushevskaya & Kozlova 1972: 533	Miocene
	<i>Tympanomma</i>					syn		<i>Tympanidium binoctonum</i>	Goll 1972a: 969	Late Oligocene–early Early Miocene
	<i>Tympanomma</i>					syn		<i>Tympanomma binoctonum</i>	Mahapatra & Sharma 1994: 164	Early Miocene–late Middle Miocene