

## Checklist of megadrile Earthworms (Annelida : Oligochaeta) from mainland China plus Hainan Island

by Robert .J. Blakemore

COE fellow, Soil Ecology Group, YNU, Yokohama Japan. January, 2007

### Abstract

Earthworms now numbering 248 species as reported from mainland (PRR) China plus Hainan Island. This checklist compiled from various sources including pers. comm. from Dr Jian Huang of China Agricultural University, Beijing and Drs Jian-Ping Qiu and Wei-Xin Zhang (also see Blakemore, 2005; 2006).. Families as per Blakemore (2000) "Tasmanian Earthworms" and Blakemore (2002, 2006) "Cosmopolitan Earthworms". *Species inquirenda* means a species of doubtful identity needing further investigation; *nomina nuda* are not available but a name may become available later for same or different concept taking this latter authorship and date.

Two new replacement names were: *Drawida zhangetalia* Blakemore, 2006 for *Drawida cheni* Zhang *et al.*, 2006 (non *Drawida cheni* Gates, 1935), and *Drawida zhongi* Blakemore, 2006 for *Drawida sulcata* Zhong, 1986: 28 (non *Drawida sulcata* Michaelsen, 1907: 144 from South India), provided under ICZN (1999: Art. 8) for permanently invalid primary homonym and both with new names formed with approval from their original authorities.

Family	Genus	species	Author	Distribution	Notes	Synonyms	Status
MONILIGASTRIDAE	<i>Desmogaster</i>	<i>sinensis</i>	Gates, 1930: 589	Tiger Hill, Soochow and Wu-sih, Kiangsu province, China			
MONILIGASTRIDAE	<i>Drawida</i>	<i>barwelli</i>	(Beddard, 1886: 94)	Cosmopolitan (Hainan).		Several, including <i>Drawida glabella</i> Chen, 1938: 377. <b>Syn. nov.</b> (Blakemore, 2006).	
MONILIGASTRIDAE	<i>Drawida</i>	<i>bimaculata</i>	Zhong, 1992: 268	Sichuan, China.			
MONILIGASTRIDAE	<i>Drawida</i>	<i>changbaishanensis</i>	Wu & Sun, 1996: 98	Jiling			
MONILIGASTRIDAE	<i>Drawida</i>	<i>cheni</i>	Gates, 1935: 446	Jiangsu, Wux			
MONILIGASTRIDAE	<i>Drawida</i>	<i>gisti</i>	Chen, 1933: 202	Anching, Anhwei and Pukow, Kiangsu (sic), China.			
		<i>anchingiana</i>					

MONILIGASTRIDAE	<i>Drawida</i>	<i>gisti gisti</i>	Michaelsen, 1931: 525	Peping, Hopei, China, and Korea.	
MONILIGASTRIDAE	<i>Drawida</i>	<i>gisti nanchangiana</i>	Chen, 1933: 200	Nanchang and Kiu-kiang, Kiangsi, China.	
MONILIGASTRIDAE	<i>Drawida</i>	<i>japonica</i>	(Michaelsen, 1892: 232)	Western Indian Himalayas, Yunnan and Szechuan in China, from Japan and Korea, and is also found on Taiwan.	Includes <i>Drawida grahami</i> Gates, 1935: 3.
MONILIGASTRIDAE	<i>Drawida</i>	<i>jeholensis</i>	Kobayashi, 1940: 268	Inner-Mongolia.	
MONILIGASTRIDAE	<i>Drawida</i>	<i>koreana</i>	Kobayashi, 1938: 102	Japan, China (Jiling) and Korea.	
MONILIGASTRIDAE	<i>Drawida</i>	<i>linhaiensis</i>	Chen, 1933: 211	Linhaihsien, Chaekiang, China.	
MONILIGASTRIDAE	<i>Drawida</i>	<i>nemora</i>	Kobayashi, 1936: 141	Japan, China (Jiling) and Korea.	
MONILIGASTRIDAE	<i>Drawida</i>	<i>nepalensis</i>	Michaelsen, 1907: 146	Myanmar, China (Yunnan), Java. Pakistan, India. Nepal.	Syns. <i>burchardi</i> Michaelsen, 1909: 149 (misdated in Reynolds & Cook, 1976: 82 as "Michaelsen, 1903: 7"), <i>troglydytes</i> , <i>hodgarti</i> , <i>papillifer</i> (part.), <i>cacharensis</i> , <i>abscisa</i> .
MONILIGASTRIDAE	<i>Drawida</i>	<i>omeiana</i>	Chen, 1946: 84	Sichuan, China.	
MONILIGASTRIDAE	<i>Drawida</i>	<i>omeimontis</i>	Chen, 1946: Plate IB.	-	Lapsus for <i>D.</i> <i>omeiana</i> . <b>Nomen nudum.</b>
MONILIGASTRIDAE	<i>Drawida</i>	<i>propatula</i>	Gates, 1935: 449	Jiangxi, Jiling, China.	

MONILIGASTRIDAE	<i>Drawida</i>	<i>siemsseni</i>	(Michaelsen, 1910: 50)	Foochow, Fukien, China.	Misspelt "siemseni" by Michaelsen (1931: 7).	
MONILIGASTRIDAE	<i>Drawida</i>	<i>sinica</i>	Chen, 1933: 205	Nanchang, Kiangsi, China.		
MONILIGASTRIDAE	<i>Drawida</i>	<i>syringa</i>	Chen, 1933: 203	Chekiang, China.		
MONILIGASTRIDAE	<i>Drawida</i>	<i>zhangetalia</i>	Blakemore, 2006: 1	Guangdong, China.	Replacement name for <i>Drawida cheni</i> Zhang et al., 2006 in Zhang, Li & Qiu, 2006: 395 (non <i>Drawida cheni</i> Gates, 1935: 446 also from China).	<b>Replacement name.</b>
MONILIGASTRIDAE	<i>Drawida</i>	<i>zhongi</i>	Blakemore, 2006: 1	Yunnan, China.	Replacement name for <i>Drawida sulcata</i> Zhong, 1986: 28 (non <i>Drawida sulcata</i> Michaelsen, 1907: 144 from South India).	<b>Replacement name.</b>
OCNERODRILIDAE	<i>Ilyogenia</i>	<i>asiatica</i>	(Chen & Hsü, 1975: 95)	Jiangsu, China.		
OCNERODRILIDAE	<i>Malabaria</i>	<i>levis</i>	(Chen, 1938: 423)	China (Hainan Island), Myanmar, Vietnam, India	Originally <i>Filodrilus levis</i> Chen, 1938	
OCNERODRILIDAE	<i>Ocnerodrilus</i>	<i>occidentalis</i>	Eisen, 1878: 10	Cosmopolitan	<i>O. o.</i> var. <i>sinensis</i> Eisen, 1900; <i>O. tenellulus</i> Gates, 1945; ? <i>Ilyogenia africana</i> Beddard, 1893b:703; ? <i>Ocnerodrilus occidentalis</i> var <i>arizonae</i> Eisen, 1900	
ACANTHODRILIDAE	<i>Microscolex</i>	<i>wuxiensis</i>	Xu <i>et al.</i> , 1990 in Xu, Zhong & Yang, 1990: 28	Jiangsu, Wux	Said to be bioluminescent and possibly a junior synonym of <i>M. phosphoreus</i> .	
OCTOCHAETIDAE	<i>Dichogaster</i>	<i>affinis</i>	(Michaelsen, 1890)	Cosmopolitan		Syns. include <i>Dichogaster sinicus</i> Chen,

					1938: 420, fig. 18 (?nomen nudum <i>D. sinensis</i> Chen, 1938: 421, legend for fig. 18). From Hainan.
OCTOCHAETIDAE	<i>Dichogaster</i>	<i>bolau</i>	(Michaelsen, 1891)	Cosmopolitan	
OCTOCHAETIDAE	<i>Ramiella</i>	<i>bishambari</i>	(Stephenson, 1914)	Cosmopolitan	Syns. include ? <i>Howascolex sinicus</i> Chen, 1935: 113, fig. 2. From Amoy, Fukien south China..
MEGASCOLECIDAE	<i>Amyntas</i> ?	<i>acidophilus</i>	(Chen, 1946: 111)	Szechuan (and reported from Bac Giang province, Vietnam).	[Nomen nudum "acidita" Chen, 1946: Plate VIB].
MEGASCOLECIDAE	<i>Amyntas</i>	<i>antefixus</i>	(Gates, 1935: 6)	Suifu, Szechuan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>aporus</i>	Qiu & Wang, 1994	China.	<b><i>Species inquirenda.</i></b>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>areniphilus</i>	(Chen and Hsü, 1975 in Chen, Hsü, Yang and Fong, 1975: 91)	Yunnan, China.	Cf. <i>A. rubellus</i> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>asiaticus</i>	Michaelsen, 1900: 13	Tien-Tsin, China; a report from Taiwan is unsubstantiated.	Also noted by Michaelsen (1900: 527). Gates (1958: 28) thought it a possible synonym of <i>tschiliensis</i> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>aspergillum</i>	(Perrier, 1872: 118)	China (Amoy and Kowloon), Hainan, Taiwan and Vietnam.	This species was mooted as a synonym of <i>A. robustus</i> (Perrier, 1872) but this has <i>Perichaeta takatorii</i> Goto & Hatai, 1898: 76; <i>Pheretima paraglandularis</i> Fang, 1929.

not been supported.  
Because the  
synonym  
[*paraglandularis* cf.  
*A. aspergillum*] has  
simple but incised  
caeca, this is given  
as an option here  
(Chen, 1932: 160).  
Gates (1935) said  
synonyms were *P.*  
*lauta* Ude, 1905, *P.*  
*paraglandularis*  
Fang, 1928 and *P.*  
*siemsseni*  
Michaelsen, 1931  
(this latter in part).  
Name seems to be  
spelt *aspergillum*  
more than  
*aspergillus* but Sims  
& Easton (1972:  
234) list it as

					aspergillus rather than "aspergillum" and also on page 260 cite the paraglandularis synonymy.		
MEGASCOLECIDAE	<i>Amyntas</i>	<i>asacceus</i>	(Chen, 1938: 382)	Hainan, Ryukyus, (?Taiwan), and Vietnam.	An "incorrect original spelling" (under ICZN, 1999: Art. 32.5.1.1) as <i>Pheretima assaccea</i> was subsequently corrected by Chen in an ERRATA sheet (Jian Huang pers. comm.) to <i>asaccea</i> . Thus often incorrectly misspelt as " <i>Amyntas</i> <i>assacceus</i> ".	<i>P. pusilla Ohfuchi</i> , 1956: 138 ( <i>non Ude</i> , 1893 = <i>A. minimus</i> ); <i>Pheretima medipusilla</i> Nakamura, 1999:2 nom. nov. pro <i>Pheretima pusilla</i> Ohfuchi, 1956, ? <i>Amyntas</i> <i>proasacceus</i> (sic) Tsai et. al. in Tsai, C-F., Shen and Tsai 2001: 282.	<b><i>Species inquirenda.</i></b>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>axillis</i>	(Chen, 1946: 122)	Szechuan.			
MEGASCOLECIDAE	<i>Amyntas</i>	<i>balteolatus</i>	(Gates, 1932: 425)	Myanmar and China (Yunnan).			
MEGASCOLECIDAE	<i>Amyntas</i>	<i>bellatulus</i>	(Gates, 1932: 427)	Myanmar, China, and Vietnam.			

MEGASCOLECIDAE	<i>Amyntas</i>	<i>benignus</i>	(Chen, 1946: 101)	Szechuan.	[Chen (1946: 101) has <b>Emend.</b> an incorrect original spelling as "BENIGMA" for this taxon, but Plate IV has "benigna" meaning "benevolent or merciful" with which he derived its name. According to ICZN (1999: Art. 32.5, 33), the name "benigna" is valid and "benigma" is not. Reynolds & Cook (1976: 77; 1981: 30) list this taxon as "benigmus" and "benigma"].
MEGASCOLECIDAE	<i>Amyntas</i>	<i>biconcavus</i>	Quan a& Zhong, 1989: 273	Hainan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>bisemicircularis</i>	(Ding, Rui-Hua, 1985: 354)	Sichuan, China.	Sometimes author quoted as "Rhiu-Hua". Placed in <i>Amyntas</i> by Zhong & Qiu (1992: 40).

MEGASCOLECIDAE	<i>Amyntas</i>	<i>brevicingulus</i>	(Chen, 1938: 401)	Hainan.	Sometimes misdated "1939".
MEGASCOLECIDAE	<i>Amyntas</i>	<i>breviphonicus</i>	Qiu & Bouche, 1998: 97	China?	Name cited by Qiu & Bouche (1998: 97) as <b><i>Nomen nudum</i></b> . "sp. nov."; a nomen nudum but in preparation (J.-P. Qiu pers. comm.).
MEGASCOLECIDAE	<i>Amyntas</i>	<i>carneus</i> <i>carneus</i>	(Goto & Hatai, 1899: 15)	Japan, Korea, China, Vietnam.	Previously placed in ? <i>Pheretima pingi</i> Stephenson, 1925: 891; synonymy of <i>A. Pheretima kyamikia</i> Kobayashi, 1934: 1; <i>corticis</i> but <i>Amyntas youngtai</i> Hong and James, 2001; erroneously put in <i>A. Amyntas sangyeoli</i> Hong and James, 2001. <i>hawayanus</i> group by Sims & Easton (1972: 235). Cf. <i>A.</i> <i>corticis</i> , <i>A.</i> <i>nanshenensis</i> , <i>A.</i> <i>penpuensis</i> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>carneus</i> <i>lichuanensis</i>	Wang & Qiu, 2005: 24	Xingdou Mountain Reserve, Hubei.	<b><i>Species inquirenda</i></b> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>cheni</i>	Qiu <i>et al.</i> , 1994 in Qiu, Wang, H. & Wang, W., 1994: 143	Giuzhou, China.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>choeinus</i>	(Michaelsen, 1927: 85)	Yunnan, China.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>chungkingensis</i>	(Chen, 1936: 274)	Chungking,	Originally <i>Pheretima pingi chungkingensis</i> , elevated to species

			Szechwan.	level on the assumption that <i>A. pingi</i> is a synonym of <i>A. carnosus</i> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>contingens</i>	(Zhong & Ma, 1979: Sichuan, China. 229)	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>corticis</i>	(Kinberg, 1867: 102)	Cosmopolitan. Name often misspelt "corticis" or "cortices".
				<i>Megascolex diffringens</i> Baird, 1869; ? <i>Megascolex (Perichaeta) sanctaehelenae</i> Baird, 1873; <i>Perichaeta subquadrangula</i> Grube, 1877 (sometimes misspelt "subquandrangula"); <i>Megascolex indicus</i> Horst, 1883: 186 [non <i>Perichaeta indica</i> : Horst, 1885: 4 (= <i>Pheretima darnleiensis</i> )]; <i>Perichaeta peregrina</i> Fletcher, 1887; ? <i>Perichaeta mirabilis</i> Bourne, 1887; <i>Perichaeta heterochaeta</i> Michaelsen, 1891; ( <i>Perichaeta ijimae</i> Rosa, 1891)?; <i>Perichaeta divergens</i> Michaelsen, 1892; <i>Perichaeta nipponica</i> Beddard, 1892; ? <i>Perichaeta molokaiensis</i> Beddard, 1896; <i>Perichaeta heteropoda</i> Goto & Hatai, 1898; ( <i>Pheretima marenzelleri</i> Cognetti, 1906)?; ? <i>Pheretima silvestrii</i> Cognetti, 1909; <i>Pheretima divergens yunnanensis</i> Stephenson, 1912; ? <i>Pheretima pingi</i> Stephenson, 1925; ? <i>Pheretima sheni</i> Chen,

					1935; ? <i>Pheretima directa</i> Chen, 1935; <i>Pheretima oyamai</i> Ohfuchi, 1937; <i>Pheretima tajiroensis</i> Ohfuchi, 1938; ? <i>Pheretima homocheta</i> Chen, 1938: 414 ["incorrect original spelling" (under ICZN, 1999: Art. 32.5.1.1) as <i>Pheretima homoseta</i> was subsequently corrected by
MEGASCOLECIDAE	<i>Amyntas</i>	<i>cruratus</i>	(Chen, 1946: 126)	Szechwan.	
MEGASCOLECIDAE	<i>Amyntas</i> ?	<i>cupreae</i>	(Chen, 1946: 117)	Mt King-Fu, Szechuan & Vietnam (but spermathecae erroneously claimed in 6 & 7).	No information on intestinal caeca, but copulatory pouches absent, possibly <i>Amyntas</i> according to Easton (1979: 117). <b>Comb. nov.; Species inquirenda.</b>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>dactilicus</i>	(Chen, 1946: 106)	Mt Omei, Szechwan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>dancatala</i>	?	China?	Cited by Lu, Y. Jin, R. Wu, Y. Mang, X. (1988) The purification and characterization of fibrinolytic enzymes from <i>Amyntas</i> . Presumably if in <i>Amyntas</i> the name would be "dancatalus". <b>Nomen nudum.</b>

					dancatala. [Article; Print] Chinese-Biochemica l-Journal. 4(2): 166-172.
MEGASCOLECIDAE	<i>Amyntas</i>	<i>daulis daulis</i>	(Zhong & Ma, 1979: Sichuan, China. 229)		Sometimes misspelt "dauli".
MEGASCOLECIDAE	<i>Amyntas</i>	<i>daulis fanjinmontis</i>	Qiu, 1992: 1	Guizhou, China.	Often miscited as "dauli fanjinmontis". <b><i>Species inquirenda.</i></b>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>dignus</i>	(Chen, 1946: 132)	Chungking (Szechwan), Vietnam and Laos.	See <i>A. pauxillulus</i> , <i>A. swanus</i> , and perhaps <i>A. meioglandularus</i> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>dinghumontis</i>	Zhang <i>et al.</i> , 2006 in Zhang, Li, Fu & Qiu, 2006: 249	Mt. Dinghu, Guangdong, Guangzhou, China..	Cf. <i>A. antefixus</i> (Gates, 1939). If caeca are actually in 25, then differs from <i>Begemius as no</i> crescentic marks around male pores.
MEGASCOLECIDAE	<i>Amyntas</i>	<i>directus</i>	(Chen, 1935: 47)	Hong Kong.	Previously included in <i>A. corticis</i> , this <b><i>Species inquirenda.</i></b> species possibly merits separate status as the genital markings around the male pores are lateral, rather than median. Chen (1935: 51) thought his species close to <i>A. glandulosus</i> (Rosa, 1896) and possibly <i>A. modiglianii</i> .

MEGASCOLECIDAE	<i>Amyntas</i>	<i>editus editus</i>	(Chen, 1946: 94)	Mt Omei, Szechwan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>enkyokuanus</i>	(Ohfuchi, 1951: 60)	Sansei, China.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>exilens</i>	(Zhong & Ma, 1979: 228)	Sichuan, China.	[Non <i>exilis</i> Gates].
MEGASCOLECIDAE	<i>Amyntas</i>	<i>fasciculus</i>	Qiu <i>et al.</i> , 1993 in Qiu, Wang, H. & Wang, W., 1993: 407	Guizhou, China.	Sometimes cited as just "Qui and Wang" and "1992" or "1994" and cited by Qiu & Bouche (1998: 86, 97) as either "Qiu & Wang, 1993" or just "Qiu, 1993", with the name miscited as "fascilus" or "fasiculus". Current citation correct according to Qiu (pers. comm.).
MEGASCOLECIDAE	<i>Amyntas</i>	<i>feae</i>	(Rosa, 1888: 161)	Myanmar and adjacent countries.	Sometimes misspelt "feai" although named after "signor L. Fea", Rosa (1888: 161, 167) spelt the name "feae".
MEGASCOLECIDAE	<i>Amyntas</i>	<i>flexilis</i>	(Gates, 1935: 7)	Szechwan.	
MEGASCOLECIDAE	<i>Amyntas</i> ?	<i>fluxus</i>	(Chen, 1946: 133)	Szechwan.	Semi-aquatic? <b><i>Species inquirenda.</i></b>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>fokiensis</i>	(Michaelsen, 1931: 19)	Fukien, China.	Some say publication is by Michaelsen (1931a: 574), but I have seen Michaelsen (1931b: 2) and <i>fokiensis</i> is directly after <i>siemsseni</i> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>fornicatus</i>	(Gates, 1935: 9)	Tatsienlu, Tibet.	Similar to <i>P. hongkongensis</i> and possibly a synonym of <i>A. pingi</i> and therefore of <i>A. carnosus</i> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>funginus</i>	(Chen, 1938: 389)	Hainan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>glabrus</i>	(Gates, 1932: 395)	Yunnan (China), Myanmar, Japan, and Guizhou, China and Vietnam.	and <i>Pheretima tenellula</i> Gates, 1932: 398 [sometimes misspelt "tenellulus" e.g. by Sims & Easton (1972: 246)]; <i>Pheretima</i>

*vieta* Gates, 1936: 462; (*Pheretima papilio* :  
*Ohfuchi*, 1956: 140 [non Gates, 1930] -  
 misidentification). Note: Sims & Easton  
 (1972: 213) have these taxa in an erroneous  
 "youngi-group".

MEGASCOLECIDAE	<i>Amyntas</i>	<i>gracilis</i>	(Kinberg, 1867: 102)	Cosmopolitan.	Beddard (1900: 635) has 3 pairs of spermathecae in 6-8 and put <i>kamakurensis</i> , <i>parvula</i> , and <i>decimpapillata</i> in synonymy of <i>A. ijimae</i> (Rosa) that is same as either <i>A. corticis</i> or, more likely, <i>A. gracilis</i>	<i>Perichaeta hawayana</i> Rosa, 1891: 396; <i>Perichaeta bermudensis</i> Beddard, 1892; <i>Perichaeta mandhorensis</i> Michaelsen, 1892: 241; ? <i>Perichaeta ijimae</i> Rosa, 1891 cf. <i>A. corticis</i> ; ? <i>Perichaeta mauritiana</i> Beddard, 1892?; <i>Perichaeta kamakurensis</i> Goto & Hatai, 1898?; <i>Perichaeta parvula</i> Goto & Hatai, 1898? [non Ohfuchi, 1956 (= <i>Metaphire parvula</i> ) nec Ishizuka et al., 2000b (= ' <i>Pheretima' palarva</i> Blakemore, 2003)]; <i>Perichaeta decimpapillata</i> Goto & Hatai, 1898? (often misspelt "decempapillata"; <i>Pheretima kagoshimensis</i> Takahashi, 1932?; <i>Pheretima autumnalis</i> Ishizuka, 1999 [misspelt "P. autamunalis" in Ishizuka (2001: 11, 13, 87, 101)].
MEGASCOLECIDAE	<i>Amyntas</i>	<i>gravis</i>	(Chen, 1946: 129)	Chungking (Szechwan).		
MEGASCOLECIDAE	<i>Amyntas</i>	<i>hainanicus</i>	(Chen, 1938: 396)	Hainan		

MEGASCOLECIDAE	<i>Amyntas</i>	<i>heshanensis</i>	Zhang <i>et al.</i> , 2006 in Guangdong, China. Zhang, Li & Qiu, 2006: 395		
MEGASCOLECIDAE	<i>Amyntas</i>	<i>heterogens</i>	(Chen & Hsü, 1975 in Chen, Hsü, Yang and Fong, 1975: 50)	China	Possibly a junior synonym of <i>A. taipeiensis</i> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>hexitus</i>	(Chen, 1946: 100)	Szechuan and Vietnam.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>homosetus</i>	(Chen, 1938: 315)	Hainan.	Originally <i>Pheretima homoseta</i> and compared to <i>P. heteroseta</i> . Sometimes misspelt "homochaeta" or "homochaetus".
MEGASCOLECIDAE	<i>Amyntas</i>	<i>hongkongensis</i>	(Michaelsen, 1910: 107)	China	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>hupeiensis</i>	(Michaelsen, 1895: 35)	Cosmopolitan.	Mispelt "hupiensis" in Easton (1981).
MEGASCOLECIDAE	<i>Amyntas</i>	<i>illotus</i>	(Gates, 1932: 397)	Yunnan, China.	<i>Amyntas illotus</i> Cf. <i>A. youngi</i> (Gates, <b><i>Species inquirenda</i></b> . species-group sensu 1932: 406). Sims & Easton, 1972: 236 [included names: <i>ambiguus</i> (Cognetti, 1906: 782) [non Cognetti, 1913]; <i>assacceus</i> (Chen, 1938: 382) syn. <i>Amyntas</i>

*asacceus* [sic,  
lapsus]: Tsai et al.,  
2001: 284 [syn.  
*pusilla* Ohfuchi,  
1956 (non Ude)];  
*Pheretima*  
*medipusilla*  
Nakamura, 1999: 2  
nom. nov. pro  
*Pheretima pusilla*  
Ohfuchi, 1956: 138  
[non *Perichaeta*  
*pusilla* Ude, 1893 (= *Amyntas*  
*minimus*)]. Syn.  
nov.; *Amyntas*  
*proasacceus* [sic]  
Tsai et al., 2001:  
282. Syn. nov.] ;  
*illotus* (Gates, 1932:  
397) (?possible H  
morph syn. of *P.*  
*youngi* Gates, 1932:

406); *irregularis* (Goto & Hatai, 1899); *pusillus* (Ohfuchi, 1956) (non Ude, 1893); *sheni* (Chen, 1935); *variens* (Chen, 1938) (part – other components had spermathecal pores in 5/6, or 5/6/7)]; Easton, 1981: 53 [included Japanese names: *illota*: Ohfuchi, 1956, (non Gates, 1932); *pusilla* Ohfuchi, 1956 (non Ude, 1893); and *oyuensis* Ohfuchi, 1937].

MEGASCOLECIDAE	<i>Amyntas</i>	<i>incongruus</i>	(Chen, 1933: 270)	Chekiang, China and Taiwan.
MEGASCOLECIDAE	<i>Amyntas</i>	<i>infantilis</i>	(Chen, 1938: 392)	Hainan.
MEGASCOLECIDAE	<i>Amyntas</i>	<i>insulae</i>	(Beddard, 1896:	Hong Kong.

			204)		
MEGASCOLECIDAE	<i>Amyntas</i> ?	<i>jaoi</i>	(Chen, 1946: 112)	Szechuan.	Said to be a leaf-crawler and thus possibly in <i>Planapheretima</i> ?
MEGASCOLECIDAE	<i>Amyntas</i>	<i>jiangmenensis</i>	Zhang <i>et al.</i> , 2006 in	Guangdong, China.	
			Zhang, Li & Qiu,		
			2006: 395		
MEGASCOLECIDAE	<i>Amyntas</i> ?	<i>kiangensis</i>	(Michaelsen, 1931: 21)	Soochow, China	Possibly a junior synonym of <i>Metaphire californica</i> according to Chen (1931) and Gates (1932: 377). [Non <i>P. kiangsuensis</i> Chen, 1930 (= <i>A. tschiliensis</i> )].
MEGASCOLECIDAE	<i>Amyntas</i>	<i>kinfumontis</i>	(Chen, 1946: 119)	TaHoPa and King-Fu-Shan in Szechuan and Laos.	Originally <i>Pheretima kinfumontis</i> , then transferred as subspecies of <i>P. omeimontis</i> ; Sims & Easton (1972: 258) put in <i>Amyntas</i> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>kulingianus</i>	(Chen, 1933: 278)	China (Kinagsi).	Originally <i>Pheretima corrugata kulingiana</i> <b>Comb. nov.</b> Chen, 1933: 278 [separated from <i>P. corrugata</i> by Chen (1936: 271), cf. <i>A. robustus</i> ].
MEGASCOLECIDAE	<i>Amyntas</i>	<i>labosus</i>	(Gates, 1932: 543)	Myanmar and Yunnan, China.	Miscited as "lobosa" in Reynolds & Cook (1976: 129).
MEGASCOLECIDAE	<i>Amyntas</i>	<i>lacinatus</i>	(Chen, 1946)	Szechuan.	In type the last two pairs of spermathecae are absent; present in [Non <i>Planapheretima lacertinus</i> (Chen, 1946) that is misspelt as "iacertina" by <b>Species inquirenda.</b>

					the two other	Chen, 1946: 109.
					"cotypes".	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>leucocircus</i>	(Chen, 1933: 262)	China and Vietnam.	Cf. <i>A. flavescens</i> .	Name misspelt " <i>leucocireus</i> " in Sims & Easton, 1972: 243.
						<b><i>Species inquirenda</i></b> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>liaoi</i>	Zhang <i>et al.</i> , 2006 in Zhang, Li, Fu & Qiu, 2006: 249	Mt. Dinghu, Guangdong, Guangzhou, China.	Cf. <i>A. antefixus</i> (Gates, 1939).	Name sometimes misspelt "liaos".
MEGASCOLECIDAE	<i>Amyntas</i>	<i>limellulus</i>	(Chen, 1946: 127)	Chungking (Szechwan).	Name sometimes misspelt "limelluta" or "limellutus".	[Non <i>P. limella</i> Gates].
MEGASCOLECIDAE	<i>Amyntas</i>	<i>limellus</i>	(Gates, 1935: 11)	Suifu, Szechuan.		[Non <i>P. limellulus</i> Chen].
MEGASCOLECIDAE	<i>Amyntas</i>	<i>limpidus</i>	(Chen, 1938: 405)	Hainan.		
MEGASCOLECIDAE	<i>Amyntas</i>	<i>lohri</i>	Michaelsen, 1899: 12	Hupei, China.	Probably in synonymy with <i>A.</i> <i>robustus</i> according to Gates (1972) and Chen (1936: 271) or <i>Metaphire</i> <i>californica</i> according to Beddard (1900: 633) and Chen, (1931:	Name originally with umlaut, sometimes misspelled "lohri" eg. Sims & Easton, 1972: 243; Reynolds & Cook (1976).
						<b><i>Species incertae sedis</i></b> .

				137).	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>longicauliculatus</i>	(Gates, 1931: 395)	Myanmar, China (Yunnan) and Thailand.	Cf <i>A. choprai</i> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>longisiphonus</i>	(Qiu, 1988: 2)	Guizhou (Guizau), China.	Originally <i>Pheretima longisiphona</i> . <b><i>Comb. nov.; Species inquirenda.</i></b>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>lunatus</i>	(Chen, 1938: 411)	Hainan (also reported from Laos).	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>magnificus</i>	(Chen, 1936: 283)	Szechuan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>magnipapillatus</i>	Qiu & Wang, 1992: 264	Guizhou (Guizau), China.	Name sometimes misspelt "mignipapillata" and cited by Qiu & Bouche (1998: 97) as "Qiu, 1993". Reynolds & Cook (1992: 17; 26) have authors as "Qiu, Hong et Wei, 1991: 221" and note their misspelling of name as "megapapillatus". Current citation correct according to <b><i>Species inquirenda.</i></b>

MEGASCOLECIDAE	<i>Amyntas</i>	<i>mamillaris</i>	(Chen, 1938: 413)	Hainan.	Qiu (pers. comm.). Non <i>P. mamillana</i> Gates (= <i>M. virgo</i> ).	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>manicatus</i> <i>decorosus</i>	(Gates, 1932: 528)	Myanmar and China (Yunnan).	<i>Pheretima manicata supina</i> Gates, 1932: 528, 529; (synonymy by Gates, 1960: 268; 1972: 201).	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>mediocus</i> <i>mediocus</i>	(Chen & Hsü, 1975 in Chen, Hsü, Yang and Fong, 1975: 92)	China, also reported from Vietnam.	Originally <i>Pheretima medioca</i> .	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>mediocus multus</i>	Qiu & Wang, 1994	China.	Name cited by Qiu & Bouche (1998: 97) as " <i>Amyntas medicus multus</i> subsp. nov."; possibly a nomen nudum and miscitation for <i>Amyntas mediocus</i> . Current citation correct according to Qiu (pers. comm.).	<b><i>Species inquirenda.</i></b>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>megopapillatus</i>	Qiu <i>et al.</i> , 1992? in Qiu, Wang, H. & Wang, W., 1992?	Guizhou, China.	Google websearch result. Quoted as by "Qiu, Wang &	<b><i>Species inquirenda.</i></b>

					Wang, 1991: 221" by Jiang Huang pers. comm. who also notes " <i>A.</i> <i>magnipapillata</i> Qiu & Wang, 1992: 264" (sic) in synonymy; possibly "megapapillatus"?
MEGASCOLECIDAE	<i>Amyntas</i>	<i>meioglandularis</i>	Qiu <i>et al.</i> , 1993 in Qiu, Wang, H. & Wang, W., 1993: 406	Guizhou (Guizau), China.	Sometimes cited as just "Qui and Wang" or "1994" and cited by Qiu & Bouche (1998: 97) just as "Qiu, 1993".
MEGASCOLECIDAE	<i>Amyntas</i>	<i>minimus</i>	(Horst, 1893: 66)	Cosmopolitan.	Easton (1979: 119) <i>Perichaeta pusilla</i> Ude, 1893: 63 [non states that <i>minimus</i> <i>Perichaeta pusilla</i> Ohfuchi, 1956 (= <i>A.</i> (Horst, 1893) has <i>assacceus</i> ]; <i>Pheretima enchytraeoides</i> priority over <i>pusilla</i> Michaelsen, 1916: 33; <i>Pheretima humilis</i> Ude, 1893. Gates, 1942: 120; <i>Pheretima zoysiae</i> Chen, 1933: 288; <i>Pheretima ishikawai</i> Ohfuchi, 1941: 248.
MEGASCOLECIDAE	<i>Amyntas</i>	<i>moniliatus</i>	(Chen, 1946: 105)	Szechuan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>monoserialis</i>	(Chen, 1938: 399)	Hainan (and Laos).	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>morrisi</i>	(Beddard, 1892:	Cosmopolitan	Michaelsen allowed ? <i>Perichaeta barbadensis</i> (parts ?"a" and "c")

			166)		2 or 3 pairs of spermathecae in 5/6/7 or 5/6/7/8.	Beddard, 1892 (July): 167; ? <i>Perichaeta mauritiana</i> Beddard, 1892:170 [most likely a variety of <i>A. gracilis</i> ]; ? <i>Perichaeta pallida</i> Michaelsen, 1892 (Sept.): 227; ? <i>Perichaeta amazonica</i> Rosa, 1894: 14; ? <i>Perichaeta sanctijacobi</i> Beddard, 1895: 61; ? <i>Perichaeta cupulifera</i> Fedarb, 1898: 445; <i>Pheretima hawayana lineata</i> Gates, 1926: 154.
MEGASCOLECIDAE	<i>Amyntas</i>	<i>mucrorimus</i>	(Chen, 1946: 108)	Mt Omei, Szechwan (also reported from Vietnam).	Chen's description is confused about the number of spermathecae.	<b><i>Species inquirenda.</i></b>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>muticus</i>	(Chen, 1938: 403)	Hainan (and Laos).		
MEGASCOLECIDAE	<i>Amyntas</i>	<i>mutus</i>	(Chen, 1938: 391)	Hainan.	Non <i>P. mutica</i> Chen, 1938 (= <i>A. phaselus</i> )	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>nanulus</i>	(Chen & Yang, 1975)	China in Chen, Hsü, Yang and Fong, 1975: 89)		
MEGASCOLECIDAE	<i>Amyntas</i>	<i>nephropapillatus</i>	?Qiu & Bouche, 1998.	Guizhou, China.	Species name also cited in poster abstract for Cardiff Conference by Qiu, Lu, Xiao and Chen, 2002: 57.	Also (mis)spelt "nephropapillautus"; cited by Qiu & Bouche, 1998: 86 as " <i>A. nephropapillatus</i> sp. nov."

MEGASCOLECIDAE	<i>Amyntas</i>	<i>nubilus</i>	(Chen, 1946: 125)	Mt Omei, Szechwan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>obscuritoporus</i>	(Chen, 1930: 25)	China.	Gates (1935:12) cited this as "Chen, 1931" <b><i>Species incertae sedis.</i></b> <i>grahami, praepinguis, and/or tschiliensis.</i>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>oculatus</i>	(Chen, 1938: 398)	Hainan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>oculatus</i>			
MEGASCOLECIDAE	<i>Amyntas</i>	<i>omeimontis</i>	(Chen, 1931: 155)	Szechuan.	Here, as with Gates <i>Pheretima omeimontis</i> : Gates, 1935:12, (1935), elevated to <i>comb. nov. pro Pheretima (Pheretima) paraglandularis omeimontis</i> Chen, 1931: 155; <i>Amyntas omeimontis omeimontis</i> : Sims & Easton, 1972: 244. <i>misspelt</i> on the basis of its <i>"omeimontia"</i> in Reynolds & Cook (1976: manicate intestinal 147). caeca.
MEGASCOLECIDAE	<i>Amyntas</i>	<i>palmosus</i>	(Chen, 1946: 116)	Szechuan.	Miscited by Qiu & Bouche (1998: 86) as " <i>A. palmous palmous</i> ".
MEGASCOLECIDAE	<i>Amyntas</i>	<i>papilliferus</i>	(Gates, 1935: 13)	Zachoo, Szechuan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>papulosus</i>	(Rosa, 1896: 525)	Cosmopolitan in E and SE Asia.	In a recent paper, <i>Pheretima papulosa</i> var. <i>sauteri</i> Michaelsen, Shen <i>et al.</i> (2003) 1922 (non Ohfuchi, 1956 - disputed their earlier misidentification); <i>Pheretima composita</i> inclusion of <i>A. Gates, 1932; ?Pheretima rockefelleri</i> Chen, <i>rockefelleri</i> in <i>A. 1933</i> (syn. <i>P. hsinpuensis</i> Kuo, 1985, <i>papulosus</i> and sometimes misdated "1995").J689

					retained both taxa, but also suggested placing <i>A.</i> <i>hsinpuensis</i> in synonymy of <i>A.</i> <i>rockefelleri</i> .	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>parvus</i>	(Chen & Zhifang, 1977: 177)	China	Male pores superficial.	<i>Pheretima mediparva</i> Nakamura, 1999: 2 [an unnecessary nom. nov. proposed to replace <i>Pheretma parva</i> Chen and Zhifang, 1977 [non <i>Perichaeta parva</i> Ude, 1893 (= <i>Metaphire parva</i> a possible junior synonym of <i>Metaphire javanica</i> ) that nevertheless is available and would compete for priority if either of the species were transferred as a new combination in the same genus].
MEGASCOLECIDAE	<i>Amyntas</i>	<i>phaselus</i>	(Hatai, 1930: 659)	Japan, Korea (Hainan and Laos for <i>P.</i> <i>mutica</i> ).		( <i>Pheretima phaselus</i> Hatai, 1930 [sic]); ( <i>Pheretima maculosus</i> Hatai, 1930 [sic])? [non <i>Pheretima maculosa</i> Gates, 1933 (= <i>Amyntas malacus</i> (Gates, 1936) nom. nov. pro <i>Pheretima maculosa</i> Gates, 1933 as confirmed by Sims & Easton (1972: 237) and Gates (1972: 199), cf. Nakamura (1999b: 2) who proposed the unnecessary

and invalid replacement name “*Pheretima medimaculosa*” for Gates’s *P. maculosa*]; (*Pheretima kamitai* Kobayashi, 1934)?; (*Pheretima phaselus tamurai* Kobayashi, 1938)?; *Pheretima mutica* Chen, 1938, **Syn. nov.**

MEGASCOLECIDAE	<i>Amyntas</i>	<i>plantoporophor</i>	(Thai, 1984: 287)	Vietnam and China.	Non <i>P. plantopapillata</i>	Thai, 1982.	<b>Comb. nov.; Species inquirenda.</b>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>polypapillatus</i>	Qiu & Wang, 1994	China.	?	?	<b>Species incertae sedis.</b>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>pomellus</i>	(Gates, 1935: 14)	Suifu, Szechwan.			
MEGASCOLECIDAE	<i>Amyntas</i>	<i>pomosus</i>	(Chen, 1946: 102)	Mt Omei, Szechwan.			<b>Emend.</b>

[Name restored under ICZN (1999: Art. 32.5) from incorrect original spelling of the name as "domosa" by Chen (1946: 102) for "pomosa" as cited by Chen (1946: 139 and Plate IV D). Sims & Easton (1972: 253) and Reynolds & Cook (1976) have

					erroneously retained the name "domosus"].
MEGASCOLECIDAE	<i>Amyntas</i>	<i>pongchii</i>	(Chen, 1936: 279)	Chungking, Szechwan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>puerilis</i>	(Chen, 1938: 394)	Hainan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>quadrapulvinatus</i>	Wu & Sun, 1997 in	Yunnan, China.	? <b>Species inquirenda.</b>
		<i>s</i>	Sun, X. & Wu., J., 1997: 3.		
MEGASCOLECIDAE	<i>Amyntas</i>	<i>rhabdoidus</i>	(Chen, 1938: 410)	Hainan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>rimosus rimosus</i>	(Gates, 1931: 408)	Myanmar and Yunnan, China.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>robustus</i>	(Perrier, 1872: 112)	Cosmopolitan.	<i>Perichaeta masatacae</i> Beddard, 1892: 761 (name sometimes misspelt "mastakae"); <i>Pheretima campestris</i> Goto & Hatai, 1898: 67 [non <i>campestris</i> Lee, 1952 (= <i>A.</i> <i>corticis</i> )]; ? <i>Pheretima lauta</i> Ude, 1905: 464 [syn. <i>Pheretima siemsseni</i> Michaelsen, 1931: 17 (?part.), ? <i>Pheretima fokiensis</i> Michaelsen, 1931: 19 (from Chen, 1933: 282; 1936: 271 and Gates, 1935: 15)]; ?( <i>Pheretima zavattarii</i> Cognetti, 1909); <i>Pheretima ornata</i> Gates, 1927: 20; <i>Pheretima corrugata</i> Chen, 1931: 131 (this synonym from Chen, 1936: 271, cf. <i>A.</i> <i>kulingianus</i> ); ? <i>Pheretima sheni</i> Chen, 1935:

MEGASCOLECIDAE	<i>Amyntas</i>	<i>rodericensis</i>	(Grube, 1879)	Cosmopolitan.	38 (cf. <i>A. illotus</i> ). <i>Perichaeta dyeri</i> Beddard, 1892; <i>Perichaeta sinensis</i> Beddard, 1892; ? <i>Perichaeta trinitatis</i> Beddard, 1896; <i>Perichaeta monilicystis</i> Michaelsen, 1892: 251.
MEGASCOLECIDAE	<i>Amyntas</i>	<i>saccatus</i>	Qiu & Wang, 1993: 3	Guizhou, China.	Google websearch result attributed to Qiu & Wang, 1994, also misspelt "sacculus". Current authorship as "Qiu & Wang, 1993:3" from Jian Huang pers. comm.
MEGASCOLECIDAE	<i>Amyntas</i>	<i>sapinianus</i>	(Chen, 1946: 130)	Chungking (Szechwan) and Vietnam.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>siemsseni</i>	(Michaelsen, 1931: 17)	Foochow, China.	Possibly a synonym of <i>A. aspergillum</i> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>sinuosus</i>	(Chen, 1938: 407)	Hainan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>sucatus</i>	(Chen, 1946: 88)	Mt Omei, Szechwan and Vietnam.	[Non <i>P. sulcata</i> Gates, 1932].
MEGASCOLECIDAE	<i>Amyntas</i>	<i>suiyangensis</i>	Qiu <i>et al.</i> , 2002 in Qiu, Lu, Xiao and	Guizhou, China.	Species name also cited in poster ?

***Species inquirenda.***

**Nomen nudum.**

			Chen, 2002.		abstract for Cardiff Conference by Qiu, Lu, Xiao and Chen, 2002: 57.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>szechuanensis</i>	(Chen, 1931: 159)	Szechwan.	Sometimes mistakenly said to have simple caeca.	
		<i>szechuanensis</i>				
MEGASCOLECIDAE	<i>Amyntas</i>	<i>szechuanensis</i>	(Chen, 1946: 103)	Mt Omei,	Probably merits specific status.	[Name misspelt "valatus" or "valata" by Sims & Easton, 1972: 246; and by Reynolds & Cook, 1976: 186].
		<i>vallatus</i>		Szechwan.		
MEGASCOLECIDAE	<i>Amyntas</i>	<i>tetrapapillatus</i>	Quan & Zhong, 1989: 274	Hainan.		
MEGASCOLECIDAE	<i>Amyntas</i>	<i>triasstriatus</i>	(Chen, 1946: 97)	Mt Omei, Szechwan	(also reported from Vietnam).	<b>Species inquirenda.</b>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>tripunctus</i>	(Chen, 1946: 97)	Mt Omei, Szechwan.	Spermathecal pores sometimes claimed in 6 & 7.	
MEGASCOLECIDAE	<i>Amyntas</i> ?	<i>tschiliensis</i>	(Michaelsen, 1928: 13)	North and Central China, Vietnam.	<i>P. praepinguis</i> has paired presetal markings on 7,8,9 and was said by Gates to differ from <i>tschiliensis</i> by these (?and markings inside spermathecal pore slits). Name	<i>Pheretima kiangsuensis</i> Chen, 1930 [from Chen (1933: 250)] (non <i>P. kiangensis</i> Michaelsen, 1931); ? <i>Pheretima grahami</i> Gates, 1935; <i>Pheretima</i> <b>Species incertae sedis.</b>

misspelt                    *praepinguis* Gates,  
"tschiliensis" on        1935 [these last two  
BIOSIS ION                synonymies from  
website.                    Chen (1936: 298, 302)  
                                  cf. (Chen et al., 1977:  
                                  22 where *grahami*  
                                  appears to be  
                                  maintained as a  
                                  sub-species of  
                                  *tschiliensis*, and Qiu  
                                  & Bouche, 1998: 86  
                                  who cite a subspecies  
                                  of *praepinguis*].  
                                  Note: all three  
                                  synonyms were put in  
                                  *Metaphire* by Sims &  
                                  Easton (1972),  
                                  whereas *tschiliensis*  
                                  was in *Amyntas*.  
                                  Name sometimes  
                                  misspelt and misdated  
                                  as "tsiliensis  
                                  Michaelsen, 1938".

MEGASCOLECIDAE	<i>Amyntas</i>	<i>tuberculatus</i>	(Gates, 1935: 18)	Suifu, Szechuan, and Vietnam.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>ultorius</i>	(Chen, 1935: 42)	Hong Kong.	Possibly same as <i>P. masatakae</i> that is in synonymy of <i>A. robustus</i> .
MEGASCOLECIDAE	<i>Amyntas</i>	<i>vividus</i>	(Chen, 1946: 123)	Szechuan.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>wui</i>	(Chen, 1935: 109)	China and Vietnam.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>xingdougmontis</i>	Wang & Qiu, 2005	China.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>yanheanus</i>	Qiu <i>et al.</i> , 1994 in Qiu, Wang, H. & Wang, W., 1994	China.	<b><i>Species incertae sedis.</i></b>
MEGASCOLECIDAE	<i>Amyntas</i>	<i>youngi</i>	(Gates, 1932: 406)	Myanmar and Yunnan, China.	Possibly H-morph synonym of <i>Pheretima illota</i> Gates, 1932. Note: Sims & Easton (1972: 213) have mistaken this " <i>youngi</i> -group" as only having one thecal segment.
MEGASCOLECIDAE	<i>Amyntas</i>	<i>yunlongensis</i>	(Chen & Zhifang, 1977: 176)	China.	
MEGASCOLECIDAE	<i>Amyntas</i>	<i>zhongi</i>	Qiu & Wang, 1991: 301	Guizhou, China.	Authors cited thus ? by Csuzdi (2003) and confirmed by Qiu (pers. comm.), cf. Qiu & Bouche (1998: 86, 97) who give author as either "Qiu & Wang,

MEGASCOLECIDAE	<i>Lampito</i>	<i>mauritii</i>	Kinberg, 1866/7	Cosmopolitan.	1991" or just "Qiu, 1991".	
					Most abundant in sandy soil in Pacgiang Province, Vietnam.	- -
MEGASCOLECIDAE	<i>Metaphire</i>	<i>abditia</i>	(Gates, 1935: 5)	Suifu, Szechuan.	Redescribed by Chen, 1936: 292. Name sometimes misspelt as "abdicta" (eg. Sims & Easton, 1972) and (erroneously?) ascribed to <i>Amynthas</i> by Qiu & Bouche (1998: 97).	
MEGASCOLECIDAE	<i>Metaphire</i>	<i>aduncata</i>	Zhong, 1987: 336	Sichuan, China.		<b><i>Species inquirenda.</i></b>
MEGASCOLECIDAE	<i>Metaphire</i>	<i>aggera</i>	(Kobayashi, 1934)	Korea (and "Manchuria").		
MEGASCOLECIDAE	<i>Metaphire</i>	<i>anomala</i>	(Michaelsen, 1907: 167)	Peregrine. India, Myanmar, Thailand, Vietnam, Laos, China (Yunnan), etc.	Spermathecae and/or <i>Pheretima anamola</i> GM and/or male (sic, lapsus) : pores sometimes missing (Gates, 1972: 166). Specimens without male pores may thus resemble other parthenogenetic morphs that have been given names at other times. Name	<i>Stephenson, 1923: 294 ; Pheretima insolita</i> Gates, 1925: 543/568 [misspelt as "insolata" in Sims & Easton (1972: 237, 243)]; <i>Pheretima anomala insolita</i> : <i>Stephenson, 1929: 234; Pheretima</i>

sometimes misspelt *anomala centralis*  
 "anomalina". Stephenson, 1929:  
 234. [There is  
 conflict in the name  
*insolita* in that  
 Reynolds and Cook,  
 1976: 118 ascribe it to  
 both Gates (1925:  
 568) and to  
 Stephenson (1929:  
 234), this was  
 corrected in Reynolds  
 & Cook (1981: 32).  
 In fact, Gates (1925;  
 568) in a footnote  
 formally named this  
 taxon].

MEGASCOLECIDAE	<i>Metaphire</i>	<i>bifoliolare</i>	Tan & Zhong, 1987: Hunan, China. 129	
MEGASCOLECIDAE	<i>Metaphire</i>	<i>biforatum</i>	Tan & Zhong, 1987: Hunan, China. 128	
MEGASCOLECIDAE	<i>Metaphire</i>	<i>birmanica</i>	(Rosa, 1888: 164) Myanmar, China (Yunnan), India	Gates (1972: 173) and Julka (1988: 20) have manicate caeca. Sometimes misspelt "birmannica".

				(Himalayas), Vietnam and Laos.	
MEGASCOLECIDAE	<i>Metaphire</i>	<i>brevipenis</i>	(Qiu & Wen, 1988: 340)	Guizhou, China.	Miscited by Qiu & Bouche (1998: 97) as " <i>(Qiu, 1988)</i> ".
MEGASCOLECIDAE	<i>Metaphire</i>	<i>bucculenta</i>	(Gates, 1935: 7)	Szechuan (and reported from Laos).	<i>Pheretima fangi</i> Chen, 1936; <i>Pheretima bipapillata</i> Chen, 1936 [non <i>P. bipapillata</i> Ude, 1905 (= <i>Pithemera pacifica</i> (Beddard, 1899))]. These synonyms from Chen (1946: 136) also claimed by Chen, Q. and Feng, X. (1996).
MEGASCOLECIDAE	<i>Metaphire</i>	<i>californica</i>	(Kinberg, 1867: 102)	Cosmopolitan.	Similar, if not senior synonym, to <i>M. javanica</i> . <i>M. sandviciensis</i> is another probable junior synonym. <i>Perichaeta ringeana</i> Michaelsen, 1890; ? <i>Perichaeta sluiteri</i> Horst, 1890: 234 <b>Syn. nov.</b> [I can find no evidence for nephridia on spermathecal ducts thus provisionally transfer this taxon from <i>Pheretima</i> to <i>Metaphire</i> ; furthermore, there is nothing substantial to separate it from <i>M. californica</i> or its erstwhile junior synonym, <i>M. javanica</i> ]; <i>Perichaeta hesperidum</i> Beddard, 1892; <i>Perichaeta guarini</i> Rosa, 1894; <i>Pheretima browni</i> Stephenson, 1912: 273; <i>Pheretima modesta</i> Michaelsen, 1927; <i>Pheretima molesta</i> Gates, 1932: 420

mistakenly cited as "nom. nov." for the valid taxon *P. browni* Stephenson, 1912 [Reynolds & Cook (1976: 82, 139) repeated this mistake and further miscite the date as "Gates, 1931: 420"]; ?*Pheretima sakaguchii* Ohfuchi, 1938; *Pheretima "oslifornica"* Gates, 1955: 83; ?*Pheretima sonaiensis* Ohfuchi, 1956.

MEGASCOLECIDAE	<i>Metaphire</i>	<i>coacervata</i>	Qiu, 1993: 1	Guizhou, China.	Sometimes noted as by "Wang & Qiu, 1993".
MEGASCOLECIDAE	<i>Metaphire</i>	<i>cruroides</i>	(Chen and Hsü, 1975 in Chen, Hsü, Yang and Fong, 1975: 93)	China.	Possibly synonymous with <i>M. thecodorsata</i> ? Transferred by Easton (1979: 120).
MEGASCOLECIDAE	<i>Metaphire</i>	<i>dadingmontis</i>	Zhang <i>et al.</i> , 2006 in Zhang, Li, Fu & Qiu, 2006: 249	Mt Dadingshan station of the Nanling National Natural Reserve, Guangdong, China.	.
MEGASCOLECIDAE	<i>Metaphire</i>	<i>elegana</i>	(Qiu & Wang, 1991: 220)	Guizhou, China.	Sometimes quoted as "elegans", "elegansis" <b>Comb. nov.</b> or "eleganis"; cited by Qiu & Bouche (1998: 86) as " <i>A. eleganus</i> Qiu & Wang, 1991" (sic.). Reynolds & Cook (1992: 14) have

					" <i>Amyntas elegans</i> Qiu, Hong et Wei, 1991: 220"; James (2004: 306) has " <i>A. elegans</i> (Qiu & Wang, 1992)". Sometimes quoted as "Qiu and Wang, 1992: 262". Correct original was " <i>Amyntas elegans</i> Qiu & Wang, 1991" according to J.-P. Qiu (pers. comm).
MEGASCOLECIDAE	<i>Metaphire</i>	<i>exilis</i>	(Gates, 1935: 7)	Suifu, Szechuan and Vietnam.	
MEGASCOLECIDAE	<i>Metaphire</i>	<i>exiloides</i>	(Chen, 1936)	Szechuan.	Non exiloides : Ohfuchi, 1956 (= <i>A. morrisi</i> ).
MEGASCOLECIDAE	<i>Metaphire</i>	<i>extraopapillae</i>	Wang & Qiu, 2005: 26	Hubei, China.	? ? ?
MEGASCOLECIDAE	<i>Metaphire</i>	<i>flavarundoida</i>	(Chen, 1935: 51)	Hong Kong.	
MEGASCOLECIDAE	<i>Metaphire</i>	<i>guillelmi</i>	(Michaelsen, 1895: 32)	Hupei, China.	A 'good' species according to Gates (1935) or a synonym of <i>M. houlleti</i> by some other accounts e.g. Michaelsen (1900: 273). <i>P. ichangensis</i> Fang, 1933 [according to Gates (1948: 10), Reynolds & Cook (1981: 32) but sometimes misspelt " <i>inchangensis</i> ", e.g. Sims & Easton, 1972: 243; Reynolds & Cook, 1976: 117]; <b><i>Species inquirenda.</i></b>

						(?P. vulgaris agricola Chen, 1930).
MEGASCOLECIDAE	<i>Metaphire</i>	<i>guizhouensis</i>	Qiu <i>et al.</i> , 1991 in Qiu, Wang & Wang, 1991: 222	Guizhou, China.	Sometimes misspelt ? "guizouensis".	<b><i>Species inquirenda.</i></b>
MEGASCOLECIDAE	<i>Metaphire</i>	<i>houletti</i>	(Perrier, 1872: 99)	Cosmopolitan.	Gates (1972: 190, 194) added various parthenogenic morphs to this taxon, reversing his earlier opinions.	? <i>Perichaeta campanulata</i> Rosa, 1890 [this synonymy, doubted by Gates (1932: 377) after inspection of types, was apparently acceptable to Gates (1972: 191)]; <i>Perichaeta</i> <i>udekemi</i> Michaelsen, 1892: 240 [Michaelsen originally cited his species as "Grube (in litteris)"]; ? <i>Perichaeta guillelmi</i> Michaelsen, 1895 - this synonymy by Michaelsen, 1900 doubted by Gates (1935, 1972); <i>Amyntas</i> <i>kelantanensis</i> Beddard, 1900: 903 - this synonymy from Stephenson (1932: 216); <i>Pheretima wimberleyana</i> Stephenson, 1925 [name misspelt "wimberlayana" by Sims & Easton (1972: 246) and Reynolds & Cook (1976: 190)]; <i>Pheretima houletti</i> var. <i>tortuosa</i> Gates, 1926: 454; <i>Pheretima</i> <i>houletti</i> var. <i>rugosa</i> Gates, 1926: 459; <i>Pheretima campanulata</i> var. <i>penetralis</i>

								Gates, 1931: 435; <i>Pheretima campanulata</i> var. <i>meridiana</i> Gates, 1932: 457; ? <i>Pheretima</i> <i>yapensis</i> Ohfuchi, 1941 - this last synonym from Gates (1972: 195) while Gates (1972: 192) rejects the subspecies <i>P. houletti</i> <i>bidenryoana</i> Ohfuchi, 1956. [Name sometimes misspelt "houletti"].
MEGASCOLECIDAE	<i>Metaphire</i>	<i>hunanensis</i>	Tan & Zhong, 1986: Hunan, China. 144					
MEGASCOLECIDAE	<i>Metaphire</i>	<i>ignobilis</i>	(Gates, 1935: 11)	Szechuan.				Sometimes misspelt "ignoblis".
MEGASCOLECIDAE	<i>Metaphire</i>	<i>indigo</i>	(Ohfuchi, 1951: 58)	Dokoku, Sansei, China.				Probably in synonymy of <i>M. sanseiana</i> .
MEGASCOLECIDAE	<i>Metaphire</i>	<i>javanica</i>	(Kinberg, 1866/7)	Cosmopolitan.	Possibly junior synonym of <i>M.</i>	<i>Megascolex</i> <i>sumatranus</i> Horst, <i>californica</i> . Sims	1883: 189 (listed as & Easton, 1972: 243	<b>Type species.</b> <i>Metaphire sumatrana</i> mistakenly have this in Sims & Easton, species in <i>Amyntas</i> . 1972); <i>Megascolex</i> <i>capensis</i> Horst, 1883: 195; <i>Perichaeta</i> <i>operculata</i> Rosa 1891: 398; <i>Perichaeta</i> <i>inflata</i> Horst, 1893:

327; *Perichaeta tenkatei* Horst 1893: 321; *Perichaeta tjibodae* Horst 1893: 326; *Perichaeta parva* Ude, 1893: 64; *Perichaeta sexta* Benham 1895: 44. [Non *Perichaeta martensi javana* Michaelsen, 1894 (= *Pheretima darnleiensis* (Fletcher, 1887) although Sims & Easton, 1972: 260, 261 misspell the synonym as "M. javanica")].

MEGASCOLECIDAE	<i>Metaphire</i>	<i>jianfengensis</i>	(Quan, 1985: 18)	Hainan.		
MEGASCOLECIDAE	<i>Metaphire</i>	<i>jiangkouensis</i>	Qiu & Wang, 1993: 40	Guizhou, China.	Cited as " <i>Metaphire praepinguis jiangkouensis</i> Qiu & Wang, 1993" by Qiu & Bouche (1998: 86); cf. <i>M. tschiliensis</i> .	<b>Comb. nov.; Species inquirenda.</b>
MEGASCOLECIDAE	<i>Metaphire</i>	<i>leonoris</i>	(Chen, 1946: 114)	Szechuan and Vietnam.		

MEGASCOLECIDAE	<i>Metaphire</i>	<i>longipenis</i>	(Chen, 1946: 91)	Mt Omei, Szechwan.		
MEGASCOLECIDAE	<i>Metaphire</i>	<i>loti</i>	(Chen & Hsü, 1975 in Chen, Hsü, Yang & Fong, 1975: 93)	Anhui, China.		
MEGASCOLECIDAE	<i>Metaphire</i>	<i>lubricata</i>	(Chen, 1936: 281)	Szechuan.	From Chen's later figures, it seems the male pores are eversible and thus it qualifies for <i>Metaphire</i> .	Name sometimes misspelt "lumbricata". <b>Comb. nov.</b>
MEGASCOLECIDAE	<i>Metaphire</i>	<i>magna</i>	(Chen, 1938: 416)	Hainan.	Holandric.	
MEGASCOLECIDAE	<i>Metaphire</i>	<i>multithecata</i>	(Chen, 1938: 383)	Hainan and Vietnam.		
MEGASCOLECIDAE	<i>Metaphire</i>	<i>myriosetosa</i>	(Chen & Zhifang, 1977: 175)	China.	Non <i>Pheretima myriochoeta</i>	Cognetti, 1911.
MEGASCOLECIDAE	<i>Metaphire</i>	<i>nanlingmontis</i>	Zhang <i>et al.</i> , 2006 in Zhang, Li, Fu & Qiu, 2006: 249	Dadingshan station of the Nanling National Natural Reserve, Guangdong, China.	Cf. <i>M. jianfengensis</i> (Quan, 1985).	
MEGASCOLECIDAE	<i>Metaphire</i>	<i>paeta</i>	(Gates, 1935: 13)	Szechuan.	Caeca are shown by Chen (1936: fig. 21) to be more deeply incised than manicate.	

MEGASCOLECIDAE	<i>Metaphire</i> ?	<i>pedunculata</i>	(Chen & Zhifang, 1977: 176)	Guizau, China.	Cannot exactly determine from description nor figure whether male pores are superficial or pouched, possibly latter.	<b><i>Species incertae sedis.</i></b>
MEGASCOLECIDAE	<i>Metaphire</i> ?	<i>plesiopora</i>	(Qiu, 1988: 1)	Guizhou, China.	Originally <i>Pheretima plesiopora</i> .	<b><i>Comb. nov.; Species inquirenda.</i></b>
MEGASCOLECIDAE	<i>Metaphire</i>	<i>posthuma</i>	(Vaillant, 1868/9: 228)	Cosmopolitan.	[Various A and I-morphs mentioned by Beddard (1900) were thought possible misidentifications by Gates (1972: 214)].	<i>Perichaeta affinis</i> Perrier, 1872; <i>Pheretima incerta</i> Beddard, 1912: 197. Syn. nov..
MEGASCOLECIDAE	<i>Metaphire</i>	<i>prava prava</i>	(Chen, 1946: 90)	Mt Omei, Szechwan.		
MEGASCOLECIDAE	<i>Metaphire</i>	<i>ptychosiphona</i>	Qiu & Zhong, 1993: 38	China?	?	?
MEGASCOLECIDAE	<i>Metaphire</i>	<i>quadragenaria</i>	(Perrier, 1872: 122)	"East Indies"; Michaelsen (1900) and Stephenson (1923: 290) thought this not India proper, but more likely the	Possibly in <i>Pheretima</i> if nephridia on spermathecal ducts. Sometimes misspelt "quadrangenaria" or "quadrangenaria".	

				Malay Archipelago; from Sebesi Island, Indonesia; (and China?).		
MEGASCOLECIDAE	<i>Metaphire</i>	<i>sanseiana</i>	(Ohfuchi, 1951: 56)	Enkyoku, Sansei, China.	Possibly a synonym of <i>M. quelparta</i> (Kobayashi, 1937), the subsequent <i>P. indigo</i> is probably a further synonym.	<b><i>Species inquirenda.</i></b>
MEGASCOLECIDAE	<i>Metaphire</i>	<i>schmardae</i> <i>macrochaeta</i>	(Michaelsen, 1899)	Japan and China.		
MEGASCOLECIDAE	<i>Metaphire</i>	<i>schmardae</i> <i>schmardae</i>	(Horst, 1883: 194)	Cosmopolitan.	Often misspelt "schumardae".	[Non <i>Megascolex schmardae</i> Michaelsen, 1897]; Syns. <i>Perichaeta trityphla</i> Beddard, 1896 [name misspelt " <i>trityphia</i> " e.g. Sims & Easton, 1972: 246]; <i>Pheretima kikuchii</i> Hatai & Ohfuchi, 1936: 767.
MEGASCOLECIDAE	<i>Metaphire</i>	<i>tecta</i>	(Chen, 1946: 120)	Szechuan.		
MEGASCOLECIDAE	<i>Metaphire</i>	<i>thecodorsata</i>	(Chen, 1933: 244)	Kiu-kiang in Kiangsi, China.		
MEGASCOLECIDAE	<i>Metaphire</i>	<i>tibetana</i>	(Michaelsen, 1931: 13)	Rivers Dracu, Dencu, Tuluncu, Da-die, Temple Cojbzen, Ganj-su, Village Banna Dzun, all in Tibet.	Possibly in synonymy of <i>A. tschiliensis</i> according to Gates (1935: 18). At one time united with <i>A. asiaticus</i> .	

MEGASCOLECIDAE	<i>Metaphire</i> ?	<i>tschiliensis</i> <i>grahami</i>	(Gates, 1935: 10)	Szechuan (possibly Vietnam?).		Gates said similar to <i>P. vulgaris</i> . At one time (eg. Chen, 1936: 299) synonymous, but Chen et al. (1977: 22) maintained <i>grahami</i> as a sub-species of <i>tschiliensis</i> .	<b>Comb. nov.; Species inquirenda.</b>
MEGASCOLECIDAE	<i>Metaphire</i> ?	<i>tschiliensis</i> <i>kokoanus</i>	(Chen & Fang, 1975: 94)	China?		Sometimes misspelt "kokoan". Transferred by Easton (1979: 120).	
MEGASCOLECIDAE	<i>Metaphire</i> ?	<i>tschiliensis</i> <i>lanzhouensis</i>	(Feng, 1984: 47)	Lanzhou, China.	?	Sometimes misspelt "tanzhouensis".	<b>Species incertae sedis.</b>
MEGASCOLECIDAE	<i>Metaphire</i>	<i>variens variens</i>	(Chen, 1938: 385)	Hainan.	Hodgepodge.	Ascribed to <i>Amyntas</i> and name misspelt "variens" in Sims & Easton, 1972: 246 and Reynolds & Cook, 1976: 187. It is here transferred to <i>Metaphire</i> due to presence of penes.	<b>Comb. nov.</b>
MEGASCOLECIDAE	<i>Metaphire</i>	<i>viridis</i>	Feng & Ma, 1987: 248	Gansu, China.		Non <i>Perichaeta viridis</i> Schmarda, 1861:13 [?= <i>Megascolex</i> or <i>Amyntas</i> if as Beddard	

					(1892b: 126) states the types are immature but are true "Perichaeta], nec <i>Perionyx viridis</i> Gates, 1933. Sometimes cited as 1998.
MEGASCOLECIDAE	<i>Metaphire</i>	<i>vulgaris agricola</i>	(Chen, 1930: 18)	Nanking, China.	<i>P. vulgaris</i> and <i>P. vulgaris agricola</i> were thought synonyms of <i>P. guillelmi</i> (sometimes held in synonymy of <i>P. houletti</i> ) by Chen (1933:249); Gates (1935: 10) however thought <i>houletti</i> a separate taxon from <i>guillelmi</i> and but accepted that <i>vulgaris agricola</i> probably belonged, in part at least, in <i>P. guillelmi</i> .
MEGASCOLECIDAE	<i>Metaphire</i>	<i>vulgaris vulgaris</i>	(Chen, 1930: 12)	Kiangsu, China.	<i>P. vulgaris</i> and <i>P. vulgaris agricola</i> were thought synonyms of <i>P. guillelmi</i> (which is in synonymy of <i>P. houletti</i> ) by Chen (1933: 249), but the <i>vulgaris vulgaris</i> synonymy was doubted by Gates (1935: 19), cf. his acceptance of <i>vulgaris agricola</i>

					synonymy (1935: 10).		
MEGASCOLECIDAE	<i>Metaphire?</i>	<i>yamadai</i>	(Hatai, 1930: 664)	Japan, China, ?Korea.	Name sometimes misspelt "yamardai".	? <i>Pheretima</i> <i>pectinifera</i>	<b><i>Species incertae sedis.</i></b>
						Michaelsen, 1931: 15 [spelt "pectenifera" by Gates (1935: 13) and "pectinefera" by Chen (1936: 272)].	
MEGASCOLECIDAE	<i>Metaphire ?</i>	<i>youyangensis</i>	(Zhong <i>et al.</i> , 1984 in Zhong, Xu and Wang, D., 1984: 356)	Sichuan, China.	?		<b><i>Species inquirenda.</i></b>
MEGASCOLECIDAE	<i>Perionyx</i>	<i>excavatus</i>	Perrier, 1872	Cosmopolitan			
MEGASCOLECIDAE	<i>Pithemera</i>	<i>bicineta</i>	(Perrier, 1875: 1004)	Cosmopolitan (not yet confirmed China).	[?P. <i>vilolacea</i> ].		<b>Type species.</b>
MEGASCOLECIDAE	<i>Planapheretima</i>	<i>bambophila</i>	(Chen, 1946: 86)	Mt Omei, Szechwan.	Dark chestnut colour same as the bamboo stems on which it crawls.	Sometimes misspelt "bambophilia" e.g. Reynolds & Cook (1976: 75).	
MEGASCOLECIDAE	<i>Planapheretima</i>	<i>continens</i>	(Chen, 1946: 95)	Mt Omei, Szechwan and Vietnam.			
MEGASCOLECIDAE	<i>Planapheretima</i>	<i>lacertina</i>	(Chen, 1946: 109)	Szechuan and Vietnam.		[Chen, 1946:109 has an incorrect original spelling as "IACERTINA" for this taxon, but page 139 and Plate IV have "lacertina"	

					meaning "little lizard" with which he compares its coloration. According to ICZN (1999: Art. 32.5, 33), the name "Iacertina" is valid and "iacertina" is not].
MEGASCOLECIDAE	<i>Planapheretima</i>	<i>tenebrica</i>	(Chen, 1946: 93)	Mt Omei, Szechwan and Vietnam.	Sometimes mistakenly said to have 5 pairs spermathecae.
MEGASCOLECIDAE	<i>Argilophilus</i>	<i>hanyuangensis</i>	(Zhong, 1992: 270)	?	Oriental <i>Plutellus</i> ? <b>Comb. nov.</b> species probably belong in <i>Argilopilus</i> .
MEGASCOLECIDAE	<i>Polypheretima</i>	<i>elongata</i>	(Perrier, 1872: 124)	Cosmopolitan	Sims & Easton (1972: 252) and Easton (1976) established a "Metapheretima elongata species-complex" that Easton (1979: 55) relists as a " <i>Polypheretima elongata</i> species-complex." <i>Perichaeta biserialis</i> Perrier, 1875: 1044; <i>Perichaeta acystis</i> Beddard, 1895:423 [nom. nov. pro <i>biserialis</i> : Beddard, 1890 (non Perrier, 1872)]; <i>Perichaeta monocystis</i> Horst, 1899:202 (lapsus pro <i>acystis</i> Beddard, 1895); <i>Pheretima aelongata</i> Gates, 1926: 444 (misspelling or illegal emendation).

MEGASCOLECIDAE	<i>Pontodrilus</i>	<i>litoralis</i>	(Grube, 1855)	Cosmopolitan.	-	<i>Pontodrilus bermudensis</i> Beddard, 189, etc.
MEGASCOLECIDAE	<i>Pontodrilus</i>	<i>sinensis</i>	Chen & Hsü, 1977:	China, 250 Km from coast.		
			178			
GLOSSOSCOLECIDA	<i>Pontoscolex</i>	<i>corethrurus</i>	(Müller, 1857)	Cosmopolitan.	-	
E						
GLOSSOSCOLECIDA	<i>Pontoscolex</i>	<i>guangdongensis</i>	Zhang <i>et al.</i> , 1998 in	China.	Possible junior	<b><i>Species incertae</i></b>
E			Zhang, Wu & Sun,		synonym of <i>P.</i>	<b><i>sedis.</i></b>
			1998: 5		<i>corethrurus.</i>	
ALMIDAE	<i>Glyphidrilus</i>	<i>papillatus</i>	(Rosa, 1890: 386)	Cosmopolitan.		
ALMIDAE	<i>Glyphidrilus</i>	<i>yunnanensis</i>	Chen & Hsü, 1977:	Yunnan.		
			178			
LUMBRICIDAE	<i>Aporrectodea</i>	<i>caliginosa</i>	(Savigny, 1826)	Cosmopolitan.		Several synonyms including <i>A. turgida</i> .
LUMBRICIDAE	<i>Aporrectodea</i>	<i>longa</i>	(Ude, 1885: 136)	Cosmopolitan.	Reported from Helongjiang, China by Jian Huang (pers. comm., possibly from Kobayashi, 1940)?	
LUMBRICIDAE	<i>Aporrectodea</i>	<i>rosea</i>	(Savigny, 1826)	Cosmopolitan.		Many synonyms, including several by Kobayashi (1940).
LUMBRICIDAE	<i>Aporrectodea</i>	<i>trapezoides</i>	(Dugès, 1828)	Cosmopolitan.		
LUMBRICIDAE	<i>Aporrectodea</i>	<i>tuberculata</i>	Eisen, 1874: 43	Cosmopolitan.		
LUMBRICIDAE	<i>Bimastos</i>	<i>parvus</i>	(Eisen, 1874: 46)	Cosmopolitan.		Originally <i>Allolobophora parva</i> Eisen, 1874
LUMBRICIDAE	<i>Dendrobaena</i>	<i>veneta veneta</i>	(Rosa, 1886: 674)	Cosmopolitan.		
LUMBRICIDAE	<i>Dendrodrilus</i>	<i>rubidus rubidus</i>	(Savigny, 1826)	Cosmopolitan.		
LUMBRICIDAE	<i>Dendrodrilus</i>	<i>rubidus tenuis</i>	(Eisen, 1874: 44)	Cosmopolitan.		
LUMBRICIDAE	<i>Eisenia</i>	<i>fetida</i>	(Savigny, 1826)	Cosmopolitan.		

LUMBRICIDAE	<i>Eisenia</i>	<i>japonica</i>	(Michaelsen, 1892)	Japan, Korea, Sansei, China.	
LUMBRICIDAE	<i>Eisenia</i>	<i>nordenskioldi</i>	Kobayashi, 1940:	N. China.	
		<i>manshurica</i>	284		
LUMBRICIDAE	<i>Eisenia</i>	<i>nordenskioldi</i>	(Eisen, 1879)	Cosmopolitan.	
		<i>nordenskioldi</i>			
LUMBRICIDAE	<i>Eisenia</i>	<i>nordenskioldi</i>	Malevic, 1956	Siberia, China, North Korea (from Perel, <i>E. acystis</i> (Michaelsen, 1902/3)	
		<i>pallida</i>		1997)	
LUMBRICIDAE	<i>Octolasion</i>	<i>lacteum lacteum</i>	(Örley, 1881)	Cosmopolitan.	
LUMBRICIDAE	<i>Octolasion</i>	<i>lacteum</i>	(Savigny, 1826)	Cosmopolitan.	
		<i>tyrtaeum</i>			
LUMBRICIDAE	<i>Lumbricus</i>	<i>kwangtangensis</i>	?	China?	<b>Species inquirenda</b> Also " <i>Lumbricus kwangtungensis</i> " from (quoted in a paper by Zhang, F.-X. <i>et al.</i> , 1993/4 and several online 'hits'). <a href="http://www.zjtcn.net.cn/wljx/Medicine/kejian6/PART10/03.HTM">www.zjtcn.net.cn/wljx/Medicine/kejian6/PART10/03.HTM</a> .
LUMBRICIDAE	<i>Lumbricus</i>	<i>nativus</i>	?	China?	From "Natural medicine collection" website in Simple Chinese : <a href="http://www.zjtcn.net.cn/wljx/Medicine/kejian6/PART10/03.HTM">www.zjtcn.net.cn/wljx/Medicine/kejian6/PART10/03.HTM</a> .

---

[End Chinese Earthworm checklist]