

## Checklist of taxa of Enchytraeidae (Oligochaeta): an update

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### 1. Introduction

The checklist of accepted species of Enchytraeidae in Schmelz & Collado (2012) included 676 species (682 with subspecies). Subsequently, 34 new species and 2 new subspecies were described, and one new genus was erected. Furthermore, several changes in the status of species and genus names occurred (invalidations, revalidations, new combinations). The following lists are meant as a supplement to the checklist in Schmelz & Collado (2012).

#### New genera

*Globulidrilus* Christensen & Dózsa-Farkas, 2012  
Type species: *Globulidrilus helgei* Christensen & Dózsa-Farkas, 2012

#### New species and subspecies

*Achaeta borbonica* Rota, 2015  
*Achaeta giustii* Rota, 2015  
*Achaeta coimbrensis* Schmelz & Collado, 2013  
*Bryodrilus hondurensis* Schmelz, 2015  
*Chamaedrillus pseudosphagnetorum* Martinsson, Erséus & Rota, 2015a  
*Chamaedrillus chalupskyi* Martinsson, Erséus & Rota, 2015a  
*Chamaedrillus varisetosus* Martinsson, Erséus & Rota, 2015b

*Fridericia bargaglii* Rota, 2015  
*Fridericia ciliotheca* Schmelz & Collado, 2013  
*Fridericia gamotheca hungarica* Dózsa-Farkas, 2013  
*Fridericia gamotheca marocciensis* Dózsa-Farkas, 2013  
*Fridericia gyromonodactyla* Boros & Dózsa-Farkas, 2015  
*Fridericia longeurita* Boros & Dózsa-Farkas, 2015  
*Fridericia mahunkai* Dózsa-Farkas, 2013  
*Fridericia marginata* Schmelz & Collado, 2013  
*Fridericia meridiana* Rota, 2015  
*Fridericia rara* Rota, 2015  
*Fridericia roembkei* Schmelz & Collado, 2013  
*Fridericia seoraksani* Christensen & Dózsa-Farkas, 2012  
*Fridericia sousai* Schmelz & Collado, 2013  
*Fridericia transylvanica* Boros & Dózsa-Farkas, 2015  
*Globulidrilus helgei* Christensen & Dózsa-Farkas, 2012  
*Hemienchytraeus phytotelmatius* Schmelz, 2015  
*Marionina deminuta* Rota, 2013  
*Marionina mendax* Rota, 2013  
*Marionina mimula* Rota, 2013  
*Marionina naso* Timm, 2012  
*Marionina notachaeta* Matamoros, Rota & Erséus, 2012  
*Mesenchytraeus asymmetriauritus* Chen & Xie, 2015  
*Mesenchytraeus longiductus* Christensen & Dózsa-Farkas, 2012  
*Mesenchytraeus monodiverticulus* Shen, Chen & Xie, 2012

### Revalidated genus names

*Chamaedrilus* Friend, 1913 (Martinsson et al. 2015a)  
Type species: *Chamaedrilus chlorophilus* Friend, 1913  
*Euenchytraeus* Bretscher, 1906 (Martinsson et al. 2015a)  
Type species: *Euenchytraeus bisetosus* Bretscher, 1906

### Revalidated species names

*Achaeta etrusca* Rota, 1995 (Rota 2015)  
*Chamaedrilus anomalus* (Černovítov, 1928)  
(Martinsson et al. 2015a)  
*Chamaedrilus chlorophilus* Friend, 1913 (Martinsson et al. 2015a)  
*Chamaedrilus paxi* (Moszyński, 1938) (Martinsson et al. 2015a)  
*Euenchytraeus bisetosus* Bretscher, 1906 (Martinsson et al. 2015a)  
*Fridericia bulbosa* Rosa, 1887 (Rota 2015)  
*Fridericia miraflores* Sesma & Dózsa-Farkas, 1993  
(Rota 2015)

### Replacement names

*Mesenchytraeus gigachaetus* Xie, 2012, nom. nov. pro  
*M. megachaetus* Shen, Chen & Xie, 2011 non  
*M. megachaetus* Bretscher, 1901

### Invalidated names

*Cognettia* Nielsen & Christensen, 1959 (Martinsson et al. 2015a: junior synonym of *Chamaedrilus* Friend, 1913)  
*Fridericia sylvatica* Healy, 1975 (Rota 2015: nomen dubium)  
*Mesenchytraeus megachaetus* Shen, Chen & Xie, 2011 (Xie 2012: junior homonym of *M. megachaetus* Bretscher, 1901; replacement name: *M. gigachaetus*)

### New combinations

*Chamaedrilus anomalus* (Černovítov, 1928)  
(Martinsson et al. 2015a: ex *Cognettia*)  
*Chamaedrilus bisetosus* Christensen & Dózsa-Farkas, 1999 (Martinsson et al. 2015a: ex *Cognettia*)  
*Chamaedrilus cognettii* (Issel, 1905) (Martinsson et al. 2015a: ex *Cognettia*)

*Chamaedrilus floridae* (Healy, 1996) (Martinsson et al. 2015a: ex *Cognettia*)

*Chamaedrilus glandulosus* (Michaelsen, 1888)  
(Martinsson et al. 2015a: ex *Cognettia*)

*Chamaedrilus hayachinensis* Nakamura, 2001  
(Martinsson et al. 2015a: ex *Cognettia*)

*Chamaedrilus hibernicus* (Healy, 1975) (Martinsson et al. 2015a: ex *Cognettia*, as “*Ch. hibernica*” (sic!))

*Chamaedrilus lapponicus* (Nurminen, 1965)  
(Martinsson et al. 2015a: ex *Cognettia*)

*Chamaedrilus paxi* (Moszyński, 1938) (Martinsson et al. 2015a: ex *Cognettia*)

*Chamaedrilus quadrosetosus* (Christensen & Dózsa-Farkas, 1999) (Martinsson et al. 2015a: ex *Cognettia*)

*Chamaedrilus sphagnetorum* (Vejdovský, 1878)  
(Martinsson et al. 2015a: ex *Cognettia*)

*Chamaedrilus valeriae* (Dumnicka, 2010) (Martinsson et al. 2015a: ex *Cognettia*)

*Chamaedrilus zicsii* (Dózsa-Farkas, 1989) (Martinsson et al. 2015a: ex *Cognettia*)

*Euenchytraeus clarae* (Bauer, 1993) (Martinsson et al. 2015a: ex *Cognettia*)

*Euenchytraeus piperi* (Christensen & Dózsa-Farkas, 1999) (Martinsson et al. 2015a: ex *Cognettia*)

*Globulidrilus riparius* (Bretscher, 1899) (Christensen & Dózsa-Farkas 2012: ex. *Marionina*)

### Remarks

Accepting the changes as listed above, 3 genus names, 34 species names, and 2 subspecies names are to be added to the list in Schmelz & Collado (2012), and one genus and one species name are to be removed. As a result, there are currently 33 genera and 710 valid species of Enchytraeidae (718 species-group taxa if subspecies are included).

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