

Systema Naturae*

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Regnum Monera [⁷*Bacillus*]

Subregnum *Bacteria* [^{6,8}*Bacillus*]*¹

Superphylum *Gracilicutes* [^{6,2}*Rhodospirillum*] s.a.

Phylum 1. MICROGENOMATES [⁶*Microgenomatus*]²

Phylum 2. PARCUBACTERIA [⁶*Paceibacter*]³

Phylum 3. SPIROCHAETAE [⁶*Spirochaeta*] sed.m.

Classis 1(1). *Spirochaetes* [⁵*Spirochaeta*] s.a.⁴

Phylum 4. ELUSIMICROBIA [⁶*Elusimicrobium*] sed.m.

Classis 1(2). *Elusimicrobes* [⁵*Elusimicrobium*]⁵

2(3). *Aerophobetes* [⁵*Aerophobus*]⁶

*Only recent taxa of undeniable living things are included. Abbreviations and signs: sed.m. (sedis mutabilis); stat.m. (status mutabilis): s., aut i. (superior, aut interior); i.s. (incertae sedis); sed.p. (sedis possibilis); s.s. (sensu stricto); s.a. (sensu amplo); s.aggr. (sensu aggregato); incl. (inclusum); excl. (exclusum); p.p. (pro parte); (z) for ICZN names; † (dagger) for names introduced here; “quotes” for environmental groups; * (asterisk) for paraphyletic taxa.

¹Incl. “Nanobacteria” i.s. et dubitativa.

²= “OP11”, incl. Amesbacteria, Beckwithbacteria, Blackburnbacteria, Chisholmbacteria, Collierbacteria, “CPR1”, “CPR2”, “CPR3”, Curtissbacteria, Daviesbacteria, Dojkabacteria (“WS6”), Gottesmanbacteria, Katanobacteria, Levybacteria, Pacebacteria, Roizmanbacteria, Shapirobacteria, Wirthbacteria, Woesebacteria, Woykebacteria, “WWE3”.

³= “OD1”, incl. Absconditabacteria (“SR1”), Adlerbacteria, Andersenbacteria, Azambacteria, Berkelbacteria, Brownbacteria, Campbellbacteria, Giovannonibacteria, Gracilibacteria (“BD1-5”, “GN02”), Doudnabacteria, Falkowbacteria, Harrisonbacteria, Hugbacteria, Jorgensenbacteria, Kaiserbacteria, Kerfeldbacteria, Liptonbacteria, Lloydbacteria, Magasanikbacteria, Moranbacteria, Nomurabacteria, Peregrinibacteria, Peribacteria, Portnoybacteria, Ryanbacteria, Saccharibacteria (“TM7”), “SM2F11”, Staskawiczbacteria, Sungbacteria, Taylorbacteria, Uhrbacteria, Verblenbacteria, Vogelbacteria, Wildernuthbacteria, Wolfbacteria, Yanofskybacteria, Yonanthbacteria, Zambryskibacteria.

⁴Incl. *Leptospira*.

⁵= “Endomicrobia”, “TG1”.

⁶= “CD12”.

3(4). *Hydrogenedentes* [⁵*Hydrogenedens*]⁷

Phylum 5. PLANCTOBACTERIA [⁶*Planctomyces*]⁸

- Classis 1(5). “*Poribacteria*” [⁵“*Poribacter*”]
2(6). *Planctomycetia* [⁵*Planctomyces*]⁹
3(7). *Lentisphaeria* [⁵*Lentisphaera*]¹⁰
4(8). *Verrucomicrobiae* [⁵*Verrucomicrobium*]¹¹
5(9). *Chlamydiae* [⁵*Chlamydia*]
6(10). *Omnitrophica* [⁵*Omnitrophus*]¹²

Phylum 6. BACTEROIDETES [⁶*Bacteroides*] s.a.¹³

- Classis 1(11). *Cloacimonetes* [⁵*Cloacimonas*]¹⁴
2(12). *Fibrobacteria* [⁵*Fibrobacter*]¹⁵
3(13). *Gemmatimonadetes* [⁵*Gemmatimonas*] sed.m.¹⁶
4(14). *Calditrichaeota* [⁵*Caldithrix*]
5(15). *Latescibacteria* [⁵*Latescibacter*]¹⁷
6(16). *Bacteroidia* [⁵*Bacteroides*]¹⁸
7(17). *Rhodothermaeota* [⁵*Salinibacter*]
8(18). *Ignavibacteria* [⁵*Ignavibacterium*]¹⁹
9(19). *Chlorobia* [⁵*Chlorobium*]
10(20). *Marinimicrobia* [⁵*Marinimicrobium*]²⁰

Phylum 7. PROTEOBACTERIA [⁶*Rhodospirillum*] s.a.²¹

- Classis 1(21). *Epsilonproteobacteria* [⁵*Campylobacter*]
2(22). *Calescamantes* [⁵*Calescibacterium*]²²
3(23). *Aquificae* [⁵*Aquifex*]
4(24). *Thermodesulfobacteria* [⁵*Thermodesulfobacterium*] i.s.
5(25). *Deferribacteres* [⁵*Deferribacter*]
6(26). *Chrysiogenetes* [⁵*Chrysiogenes*]
7(27). *Acidobacteria* [⁵*Acidobacterium*] sed.m.²³

⁷=“NKB19”.

⁸=“PVC”.

⁹Incl. *Phycisphaerae*.

¹⁰Incl. *Oligosphaera*.

¹¹Incl. *Opitutae*, *Spartobacteria*.

¹²=“OP3”.

¹³=“FCB”, incl. “*Zixibacteria*”, “WOR-3”, “TA06”, “BRC1”.

¹⁴=“WWE1”.

¹⁵Incl. *Chitinivibrione* (“TG3”).

¹⁶Incl. *Longimicrobium*.

¹⁷=“WS3”, incl. “SAUL” stat.m.

¹⁸Incl. *Flavobacteria*, *Sphingobacteria*, *Cytophagia*.

¹⁹Incl. “OPB56”.

²⁰=“SAR406”.

²¹Incl. “*Rokubacteria*”, *Tectomicrobia* (*Entotheonella*), “*Modulibacteria*” (“KSB3”), “*Dadabacteria*”, “*Hydrogenedentes*” (NKB19).

²²=“EM19”.

²³Incl. *Halophagae*, *Solibacteres*.

- 8(28). *Aminicenantes* [⁵*Aminicenans*]²⁴
 9(29). *Nitrospirae* [⁵*Nitrospira*]²⁵
 10(30). *Desulfobacteria* [⁵*Desulfobacter*] s.a.²⁶
 11(31). *Dependentiae* [⁵*Babela*]²⁷
 12(32). *Rhodobacteria* [⁵*Rhodobacter*] s.a.²⁸

Superphylum *Terrabacteria* [^{6.2}*Bacillus*] s.a.

Phylum 8. FIRMICUTES [⁶*Bacillus*]* s.a., stat.m.

- Classis 1(33). *Clostridia* [⁵*Clostridium*] s.a.²⁹
 2(34). *Limnochordia* [⁵*Limnochorda*]
 3(35). *Bacilli* [⁵*Bacillus*] s.a.³⁰
 4(36). *Mollicutes* [⁵*Mycoplasma*]³¹
 5(37). *Thermi* [⁵*Thermus*]³²
 6(38). *Armatimonadetes* [⁵*Armatimonas*] stat.m.³³
 7(39). *Synergistia* [⁵*Synergistes*]
 8(40). *Atribacteria* [⁵*Caldatribacterium*]³⁴
 9(41). *Thermotogae* [⁵*Thermotoga*] sed.m.
 10(42). *Acetotermia* [⁵*Acetothermum*]³⁵
 11(43). *Fervidibacteria* [⁵*Fervidibacter*]³⁶
 12(44). *Caldiserica* [⁵*Caldisericum*] i.s.³⁷
 13(45). *Dictyoglomia* [⁵*Dictyoglomus*] sed.m.
 14(46). *Fusobacteria* [⁵*Fusobacterium*] sed.m.

Phylum 9. ACTINOBACTERES[†] [⁶*Actinomyces*]

- Classis 1(47). *Actinobacteria* [⁵*Actinomyces*]³⁸

Phylum 10. CYANOBACTERIA [⁶*Nostoc*]

- Classis 1(48). *Melainabacteria* [⁵*Obscuribacter*]
 2(49). *Gloeobacteria* [⁵*Gloeobacter*]³⁹

²⁴=“OP8”.

²⁵Incl. Nitrospinae.

²⁶Incl. Deltaproteobacteria.

²⁷= “TM6”.

²⁸Incl. Alphaproteobacteria incl. “SAR1”, Acidithiobacillia, Zetaproteobacteria, Betaproteobacteria, Gammaproteobacteria.

²⁹Incl. Haloanaerobiales stat.m., Thermolithobacteria stat.m., Symbiobacteria, Tissierella, Negativicutes, *Sulfobacillus* i.s., *Thermaerobacter* i.s.

³⁰Incl. Erysipelotrichi, Heliobacteria.

³¹Incl. *Lumbricincola*.

³²Incl. Thermales.

³³= “OP10”, incl. Chthonomonadetes, Fimbriimonadia.

³⁴=“OP9” and “JS1”.

³⁵= “OP1”, incl. Coprothermobacteria sed.m.

³⁶=“OctSpa1-106”.

³⁷=“OP5”.

³⁸Incl. Coriobacteriia, Rubrobacteria, Thermoleophilia, Acidimicrobia.

³⁹*Gloeobacter* corresponds with *Aphanothece*.

- 3(50). *Oscillatorineae* [⁵*Oscillatoria*]* s.a.⁴⁰
 4(51). *Nostocineae* [⁵*Nostoc*]

Phylum 11. CHLOROFLEXES [⁶*Chloroflexus*]

- Classis 1(52). *Chloroflexi* [⁵*Chloroflexus*]
 2(53). *Thermomicrobia* [⁵*Thermomicrobium*]⁴¹
 3(54). *Anaerolineae* [⁵*Anaerolinea*]⁴²
 4(55). *Dehalococcoidetes* [⁵*Dehalococcoides*]⁴³
 5(56). *Ktedonobacteria* [⁵*Ktedonobacter*]

Subregnum *Archaeobacteria* [^{6,8}*Methanobacterium*]*

Phylum 12. NANOARCHAEOTA [⁶*Nanoarchaeum*]⁴⁴

- Classis 1(57). *Microarchaea* [⁵*Micrarchaeum*]⁴⁵
 2(58). *Aenigmarcheota* [⁵*Aenigmarchaeum*]
 3(59). *Nanohaloarchaea* [⁵*Nanosalinarum*]
 4(60). *Parvarchaea* [⁵*Parvarchaeum*]
 5(61). *Nanoarchaea* [⁵*Nanoarchaeum*]
 6(62). “*Woesearchaeota*”⁴⁶

Phylum 13. EURYARCHAEOTA [⁶*Methanobacterium*]

- Classis 1(63). *Thermococci* [⁵*Thermococcus*]
 2(64). *Methanobacteria* [⁵*Methanobacterium*] s.a.⁴⁷
 3(65). *Thermoplasmata* [⁵*Thermoplasma*]
 4(66). *Archaeoglobi* [⁵*Archaeoglobus*]
 5(67). *Halomebacteria* [⁵*Halobacterium*]⁴⁸

Phylum 14. FILARCHAEOTA [⁶*Sulfolobus*]*⁴⁹

- Classis 1(68). *Cenarchaea* [⁵*Cenarchaeum*]⁵⁰
 2(69). *Crenarchaea* [⁵*Sulfolobus*]⁵¹
 3(70). *Korarchaea* [⁵*Korarchaeum*]

Phylum 15. ASGARDARCHAEOTA[†] [⁶*Lokiarchaeum*]

- Classis 1(71). *Lokiarchaea* [⁵*Lokiarchaeum*]⁵²

⁴⁰Incl. *Gloeomargarita*, Synechococcineae, ‘Prochlorophyceae’, *Acaryochloris*.

⁴¹Incl. *Thermobaculum*, *Sphaerobacter*.

⁴²Incl. Caldilineae, Thermoflexia, Ardenticatenia.

⁴³Incl. *Dehalobium*, *Dehalogenimonas*.

⁴⁴= “DPANN”.

⁴⁵= Diapherotrites.

⁴⁶= “Pacearchaeota”.

⁴⁷Incl. Methanobacteriales, Methanococcales stat.m., Methanopyrales i.s.

⁴⁸Incl. Methanomicrobiales, Methanosarcinales, Halobacteriales.

⁴⁹= “TACK”.

⁵⁰Incl. Thaumarcheota, Aigarcheota, “Geoarchaeota”, “Bathyarchaeota” (“MCG”).

⁵¹Incl. Desulfurococcales, Caldisphaerales, Thermoproteales.

⁵²Incl. “Odinarchaeota”, “Thorarchaeota”.

Regnum Protista [⁷*Euglena*]*⁵³

Subregnum *Excavata* [^{6,8}*Euglena*]

Phylum 16. METAMONADA [⁶*Trichomonas*] s.a.

Classis 1(73). *Anaeromonadea* [⁵*Oxymonas*]⁵⁴

2(74). *Parabasalea* [⁵*Trichomonas*]⁵⁵

3(75). *Eopharyngea* [⁵*Hexamita*]⁵⁶

Phylum 17. DISCOBA [⁶*Euglena*] s.a.

Subphylum *Malawimonadea* [^{5,8}*Malawimonas*] sed.m.

Classis 1(76). *Malawimonadea* [⁵*Malawimonas*]⁵⁷

Subphylum *Loukozoa* [^{5,8}*Jacoba*]

Classis 2(77). *Tsukubea* [⁵*Tsukubamonas*]

3(78). *Jakobea* [⁵*Jakoba*]⁵⁸

Subphylum *Percolozoa* [^{5,8}*Naegleria*]

Classis 4(79). *Heterolobosea* [⁵*Naegleria*]⁵⁹

Subphylum *Euglenozoa* [^{5,8}*Euglena*]

Classis 5(80). *Euglenophyceae* [⁵*Euglena*]* s.a.⁶⁰

6(81). *Postgaardea* [⁵*Postgaardi*]⁶¹

7(82). *Diplosonematea* [⁵*Diplosonema*]⁶²

8(83). *Kinetoplastea* [⁵*Bodo*]

Subregnum *Panmycota*[†] [^{6,8}*Agaricus*]*

Phylum 18. SULCOZOA [⁶*Apusomonas*]

Classis 1(84). *Ancyromonadea* [⁵*Ancyromonas*] sed.m.⁶³

2(85). *Mantamonadea* [⁵*Mantamonas*]

3(86). *Hilomonadea* sed.m. [⁵*Micronuclearia*]⁶⁴

4(87). *Anisomonadea* [⁵*Collodictyon*] sed.m.⁶⁵

⁵³Incl. numerous unplaced genera from (see Patterson, 2000), i.e., *Magosphaera*.

⁵⁴Incl. Oxymonadida, *Trimastix*, *Paratrimastix*.

⁵⁵Incl. Trichomonadea.

⁵⁶Incl. Carpediemonadida, Retortamonadida, Diplomonadida.

⁵⁷Incl. *Gefionella*.

⁵⁸Incl. *Andalucia*

⁵⁹Incl. *Acrasis*, *Percolomonas*, *Pharyngomonas*, *Stephanopogon*, etc.

⁶⁰Incl. Entosiphonea, Stavomonadea, Ploeotarea, Peranemea.

⁶¹= Symbiontida.

⁶²= Diplonemea.

⁶³= Planomonadea, incl. *Anaeramoeba*, *Discocelia* (*Discocelis*) sed.m.

⁶⁴Incl. *Micronuclearia*, *Rigifila*.

⁶⁵Incl. *Diphylleia* (z), *Collodictyon*, *Sulcomonas*.

- 5(88). *Apusomonadea* [⁵*Apusomonas*]
 6(89). *Breviatea* [⁵*Breviata*]⁶⁶

Phylum 19. AMOEBOZOA [⁶*Amoeba*]⁶⁷

- Classis 1(90). *Cutosea* [⁵*Squamamoeba*]⁶⁸
 2(91). *Archamoebae* [⁵*Mastigamoeba*]⁶⁹
 3(92). *Tubulinea* [⁵*Amoeba*]⁷⁰
 4(93). *Dermamoebida* [⁵*Dermamoeba*]⁷¹
 5(94). *Variosea* [⁵*Filamoeba*]* sed.m.⁷²
 6(95). *Mycetozoa* [⁵*Physarum*]⁷³
 7(96). *Discosea* [⁵*Acanthamoeba*]

Phylum 20. OPISTHOSPORIDIA [⁶*Rozella*]*

- Classis 1(97). *Cristidiscoidea* [⁵*Nuclearia*]⁷⁴
 2(98). *Aphelidea* [⁵*Aphelidium*]
 3(99). *Cryptomycetes* [⁵*Rozella*]⁷⁵
 4(100). *Microsporea* [⁵*Microsporidium*]⁷⁶

Phylum 21. EOMYCOTA[†] [⁶*Mucor*]* s.a.⁷⁷

- Classis 1(101). *Blastocladomycetes* [⁵*Blastocladium*]
 2(102). *Chytridiomycetes* [⁵*Chytridiopsis*]⁷⁸
 3(103). *Olpidiomycetes* [⁵*Olpidium*]
 4(104). *Kickxellomycetes* [⁵*Kickxella*]⁷⁹
 5(105). *Mucoromycetes* [⁵*Mucor*]*⁸⁰
 6(106). *Sanchytriomycetes* [⁵*Sanchytrium*]⁸¹
 7(107). *Glomeromycetes* [⁵*Glomus*]⁸²

Phylum 22. ENTORRHIZOMYCOTA [⁶*Entorrhiza*]

- Classis 1(108). *Entorrhizomycetes* [⁵*Entorrhiza*]

⁶⁶Incl. *Lenisia*, *Subulatomonas*, *Pygsuia*.
⁶⁷Incl. *Corallomyxa* i.s.
⁶⁸Incl. *Saprocribum*, *Perssonella*.
⁶⁹Incl. *Entamoeba*, *Rhizomastix*.
⁷⁰Incl. *Copromyxa*.
⁷¹Incl. *Mayorella*.
⁷²Incl. *Protostelia* p.p., *Acramoeba*, *Ceratiomyxella*, *Filamoeba*, *Flamella*, *Multicilia*, *Phalansterium*.
⁷³Incl. *Ceratiomyxa*, *Dictyostelia*, *Myxogastria*, *Protostelia* p.p., *Semimorula*.
⁷⁴Incl. *Fonticula*, *Parvularia*.
⁷⁵Incl. *Caulochytrium* sed.m.
⁷⁶Incl. *Nucleophaga*.
⁷⁷Incl. "Basal Clone Group I".
⁷⁸Incl. *Monoblepharidales*, *Neocallimastigales*, *Thalassochytrium*.
⁷⁹Incl. *Asellariales*, *Basidiobolales*, *Entomophthorales*, *Harpellales*, *Neozygitales*, *Zoopagales*, *Nephridiophaga*.
⁸⁰Incl. *Endogonales*, *Mortierellales*.
⁸¹Incl. *Amoeboradix*.
⁸²Incl. *Glomeromycetes*, *Archaeosporomycetes*, *Paraglomeromycetes*.

Phylum 23. BASIDIOMYCOTA [⁶*Agaricus*]

Subphylum *Wallemiomycotina* [^{5,8}*Wallemia*]

- Classis 1(109). *Bartheletiomycetes*[†] sed.m. [⁵*Bartheletia*]
2(110). *Wallemiomycetes* [⁵*Wallemia*]⁸³

Subphylum *Ustilagomycotina* [^{5,8}*Ustilago*]

- Classis 3(111). *Exobasidiomycetes* [⁵*Exobasidium*]
4(112). *Ustilaginomycetes* [⁵*Ustilago*]
5(113). *Moniliellomycetes* [⁵*Moniliella*]
6(114). *Malasseziomycetes* [⁵*Malassezia*]

Subphylum *Pucciniomycotina* [^{5,8}*Uredo*]

- Classis 7(115). *Tritirachiomycetes* [⁵*Tritirachium*]
8(116). *Agaricostilbomycetes* [⁵*Agaricostilbum*]
9(117). *Spiculogloeomycetes* [⁵*Spiculogloea*]
10(118). *Pucciniomycetes* [⁵*Uredo*]
11(119). *Classiculomycetes* [⁵*Classicula*]
12(120). *Atractiellomycetes* [⁵*Atractiella*]
13(121). *Cystobasidiomycetes* [⁵*Cystobasidium*]
14(122). *Microbotryomycetes* [⁵*Microbotryum*]⁸⁴
15(123). *Mixiomycetes* [⁵*Mixia*]

Subphylum *Agaricomycotina* [^{5,8}*Agaricus*]

- Classis 16(124). *Tremellomycetes* [⁵*Tremella*]
17(125). *Dacrymycetes* [⁵*Dacrymyces*]
18(126). *Agaricomycetes* [⁵*Agaricus*]

Phylum 24. ASCOMYCOTA [⁶*Ascomyces*]⁸⁵

Subphylum *Taphrinomycotina* [^{5,8}*Ascomyces*]*

- Classis 1(127). *Nelectomycetes* [⁵*Nelecta*]
2(128). *Taphrinomycetes* [⁵*Ascomyces*]⁸⁶
3(129). *Archaeorhizomycetes* [⁵*Archaeorhizomyces*]
4(130). *Saccharomycetes* [⁵*Saccaromyces*]

Subphylum *Pezizomycotina* [^{5,8}*Tuber*]

- Classis 5(131). *Pezizomycetes* [⁵*Tuber*]
6(132). *Orbiliomycetes* [⁵*Orbilina*]
7(133). *Xylonomycetes* [⁵*Xylona*]
8(134). *Dothideomycetes* [⁵*Dothidea*]⁸⁷
9(135). *Leotiomycetes* [⁵*Leotia*]⁸⁸
10(136). *Laboulbeniomycetes* [⁵*Laboulbenia*]

⁸³Incl. *Basidioascus*, *Geminibasidium*.

⁸⁴Incl. Cryptomycocolacales sed.m.

⁸⁵Incl. *Spirogyromyces* i.s.

⁸⁶Incl. *Saitoella*, Schizosaccharomycetes, *Pneumocystis*.

⁸⁷Incl. Arthoniales, Symbiotaphrinales sed.m.

⁸⁸Incl. *Trizobia*.

- 11(137). *Sordariomycetes* [⁵*Sordaria*]
 12(138). *Geoglossomycetes* [⁵*Geoglossum*]
 13(139). *Lichinomycetes* [⁵*Lichina*]⁸⁹
 14(140). *Eurotiomycetes* [⁵*Penicillium*]
 15(141). *Lecanoromycetes* [⁵*Lecanora*]⁹⁰

Phylum 25. CHOANOZOA [⁶*Codosiga*] s.a.

- Classis 1(142). *Ichthyosporea* [⁵*Ichthyophonus*]⁹¹
 2(143). *Pluriformea* [⁵*Corallochytrium*]⁹²
 3(144). *Filasterea* [⁵*Capsaspora*]⁹³
 4(145). *Choanomonadea* [⁵*Codosiga*]

Subregnum *Panalgae*[†] [^{6,8}*Fucus*]

Infraregnum Chromobionta [^{6,5}*Fucus*] s.a.⁹⁴

Superphylum *Rhizaria* [^{6,2}*Cercomonas*]

Phylum 26. RHIZARIA [⁶*Cercomonas*] s.a.⁹⁵

Subphylum *Filosea* [^{5,8}*Cercomonas*]

- Classis 1(146). *Hemimastigea* [⁵*Spironematella*] i.s.⁹⁶
 2(147). *Ventrifilosea* [⁵*Coelodendrum*]* s.a.⁹⁷
 3(148). *Sarcomonadea* [⁵*Cercomonas*] s.a.⁹⁸
 4(149). *Granofilosea* [⁵*Heliomorpha*]⁹⁹
 5(150). *Metromonadea* [⁵*Metromonas*] s.a.¹⁰⁰
 6(151). *Chlorarachniophyceae* [⁵*Chlorarachnion*]¹⁰¹

Subphylum *Endomyxa* [^{5,8}*Gromia*]

- Classis 7(152). *Skiomonadea* [⁵*Tremula*]¹⁰²
 8(153). *Proteomyxidea* [⁵*Filoreta*]*¹⁰³

⁸⁹Incl. Coniocybomycetes.

⁹⁰Incl. Candelariales sed.m.

⁹¹Incl. *Amoebidium*, Eccrinales.

⁹²Incl. *Syssomonas*.

⁹³Incl. *Ministeria*, *Pigoraptor*.

⁹⁴= Sar.

⁹⁵Incl. *Meteora* i.s.

⁹⁶Incl. *Hemimastix*, *Stereonema*, *Paramastix* sed.m.

⁹⁷Incl. Phaeodarea, Ebriida, Cryomonadida, Spongomonadidae, Thaumatomonadidae, Euglyphida, *Kraken*, *Luffisphaera*, *Paraluffisphaera*, Rotosphaerida, *Pompholyxophrys*, *Mataza*, Chlamydomphryidae.

⁹⁸Incl. Cercomonadida, Pansomonadida, Glissomonadida; incl. *Guttulinopsis*.

⁹⁹Incl. *Massisteria*, Desmothoracida, Gymnosphaeridae sed.m., Heliomonadida, *Leucodictyon*, *Reticuloamoeba*.

¹⁰⁰Incl. *Metopion*.

¹⁰¹Incl. *Minorisa*.

¹⁰²Incl. *Aquavolon*.

¹⁰³Incl. Biomyxidae, *Pseudospora* sed.m., Rhizoplasmidae s.aggr., *Reticuloamoeba* sed.m.

- 9(154). *Plasmodiophorea* [⁵*Plasmodiophora*]¹⁰⁴
 10(155). *Gromiidea* [⁵*Gromia*]
 11(156). *Ascetosporea* [⁵*Haplosporidium*]¹⁰⁵

Subphylum *Retaria* [^{5,8}*Acanthometra*]

- Classis 12(157). *Taxopodida* [⁵*Sticholonche*]¹⁰⁶
 13(158). *Polycystinea* [⁵*Collospheera*]*
 14(159). *Acantharia* [⁵*Acanthometra*]
 15(160). *Monothalamea* [⁵*Allogromia*]¹⁰⁷
 16(161). *Tubothalamea* [⁵*Miliolina*]
 17(162). *Globothalamea* [⁵*Rotalia*]

Superphylum *Alveolata* [^{6,2}*Paramecium*]

Phylum 27. MYZOOA [⁶*Peridinium*]

Subphylum *Protalveolata* [^{5,8}*Colponema*]

- Classis 1(163). *Colponemida* [⁵*Colponema*]¹⁰⁸

Subphylum *Dinoozoa* [^{5,8}*Peridinium*]

- Classis 2(164). *Perkinsida* [⁵*Perkinsus*]¹⁰⁹
 3(165). *Squirmidea* [⁵*Filipodium*]¹¹⁰
 4(166). *Oxyrriidea* [⁵*Oxyrris*]¹¹¹
 5(167). *Syndinea* [⁵*Syndinium*]¹¹²
 6(168). *Ellobiopsea* [⁵*Ellobiopsis*]
 7(169). *Dinoflagellata* [⁵*Peridinium*]¹¹³

Subphylum *Apicomplexa* [^{5,8}*Plasmodium*]¹¹⁴

- Classis 8(170). *Apicomonadea* [⁵*Colpodella*]¹¹⁵
 9(171). *Gregarinomorpha* [⁵*Gregarina*]¹¹⁶
 10(172). *Coccidiomorpha* [⁵*Plasmodium*]¹¹⁷

Phylum 28. CILIOPHORA [⁶*Paramecium*]

Subphylum *Postciliodesmatophora* [^{5,8}*Spirostomum*]

- Classis 1(173). *Karyorelictea* [⁵*Trachelocera*]

¹⁰⁴Incl. Vampyrellidae, *Phagomyxa*.

¹⁰⁵Incl. Paramyxidia, *Bonamia*, *Claustrosporidium*, *Paradinium*, *Mikrocytos*.

¹⁰⁶Incl. *Larcopyle*.

¹⁰⁷Incl. Xenophyophorea, Reticulomyxidae, *Komokiacea*, *Schizocladus*.

¹⁰⁸Incl. *Acavomonas*, *Palustrimonas*.

¹⁰⁹Incl. *Dinovorax*, *Perkinsus*, *Parvilucifera*, *Rastrimonas*, *Snorkelia* *Phagodinium* sed.m.

¹¹⁰Incl. *Platyproteum*.

¹¹¹Incl. *Colpovora*, *Psammosa*.

¹¹²Incl. "Marine Alveolate Groups I and II", *Ichthyodinium*, *Dubosquella*.

¹¹³Incl. *Noctiluca* stat.m.

¹¹⁴Incl. 'X-cells' i.s.

¹¹⁵Incl. Chromerida.

¹¹⁶Incl. *Cryptosporidium*, *Selenidium*.

¹¹⁷Incl. *Nephromyces*, Piroplasmida.

- 2(174). *Heterotrichea* [⁵*Spirostomum*]¹¹⁸
- Subphylum *Ventrata*** [^{5,8}*Paramecium*]¹¹⁹
- Classis 3(175). *Phyllopharyngea* [⁵*Podophrya*]¹²⁰
- 4(176). *Nassophorea* [⁵*Nassula*]¹²¹
- 5(177). *Colpodea* [⁵*Colpoda*]
- 6(178). *Prostomatea* [⁵*Prorodon*]
- 7(179). *Plagiopylea* [⁵*Plagiopyla*]
- 8(180). *Oligohymenophorea* [⁵*Paramecium*]
- Subphylum *Spirotrichia*** [^{5,8}*Oxytricha*]
- Classis 9(181). *Litostomatea* [⁵*Didinium*]
- 10(182). *Armophorea* [⁵*Metopus*]¹²²
- 11(183). *Spirotrichea* [⁵*Oxytricha*]
- 12(184). *Cariacotrichea* [⁵*Cariacotrix*]
- Subphylum *Lamelllicorticata*** [^{5,8}*Clevelandella*]
- Classis 13(185). *Armophorea* [⁵*Clevelandella*]
- 14(186). *Litostomatea* [⁵*Spathidium*]

Superphylum *Heterokonta* [^{6,2}*Fucus*]

Phylum 29. LABYRINTHOMORPHA [⁶*Labyrinthula*]

- Classis 1(187). *Labyrinthulea* [⁵*Labyrinthula*]¹²³
- 2(188). *Eogyrea* [⁵*Pseudophyllomitus*]¹²⁴
- 3(189). *Platysulcea* [⁵*Platysulcus*]

Phylum 30. OPALAZOA[†] [⁶*Opalina*]

- Classis 1(190). *Bicoecea* [⁵*Bicosoeca*]
- 2(191). *Placididea* [⁵*Placidia*]¹²⁵
- 3(192). *Blastocystea* [⁵*Blastocystis*]
- 4(193). *Opalina* [⁵*Opalina*]¹²⁶

Phylum 31. OOMYCOTA [⁶*Saprolegnia*]

- Classis 1(194). *Oomycetes* [⁵*Saprolegnia*]¹²⁷

¹¹⁸Incl. *Protocruzia* sed.m.

¹¹⁹=“Conthreep”; incl. Discotrichida i.s.

¹²⁰Incl. Suctoria, Synchroniida.

¹²¹Incl. Nassulina, Microthoracina.

¹²²Incl. Licnophorida sed.m.

¹²³Excl. *Labyrinthomyxa*, incl. Amphitremida.

¹²⁴= “MAST-4”, “MAST-6”.

¹²⁵Incl. *Incisomonas*, [⁵*Solenicola*], [⁵*Wobbia*], “MAST-3”.

¹²⁶Incl. Proteromonadida.

¹²⁷Incl. Hyphochitriomycetales.

Phylum 32. CHROMOPHYTA [⁶*Fucus*]

Subphylum *Developea* [^{5,8}*Developayella*]

Classis 1(195). *Developayellophyceae* [⁵*Developayella*]¹²⁸

Subphylum *Pelagophytina* [^{5,8}*Pelagomonas*]

Classis 2(196). *Bacillariophyceae* [⁵*Diatoma*] s.a.

3(197). *Bolidophyceae* [⁵*Bolidomonas*]¹²⁹

4(198). *Dictyochophyceae* [⁵*Dictyocha*]¹³⁰

5(199). *Pelagophyceae* [⁵*Pelagomonas*]¹³¹

6(200). *Pinguiophyceae* [⁵*Pinguiochrysis*]

Subphylum *Chrysophytina* [^{5,8}*Chrysococcus*]

Classis 7(201). *Eustigmatophyceae* [⁵*Eustigmatos*]

8(202). *Chrysophyceae* [⁵*Chrysococcus*] s.a.¹³²

Subphylum *Xanthophytina* [^{5,8}*Tribonema*]

Classis 9(203). *Xanthophyceae* [⁵*Tribonema*]¹³³

10(204). *Phaeophyceae* [⁵*Fucus*] s.a.¹³⁴

11(205). *Raphidophyceae* [⁵*Rhaphidomonas*]¹³⁵

12(206). *Actinophryida* [⁵*Actinophrys*]

Infraregnum *Hacrobia* [^{6,5}*Cryptomonas*] s.m.

Phylum 33. HELIOZOA [⁶*Prymnesium*]

Classis 1(207). *Alveida* [⁵*Ancoracysta*]

2(208). *Prymnesiophyceae* [⁵*Prymnesium*]¹³⁶

3(209). “*Rappephyceae*” [⁵“*Rappemonas*”]¹³⁷

4(210). *Centrohelea* [⁵*Pterocystis*]

Phylum 34. CRYPTISTA [⁶*Cryptomonas*] s.a.

Classis 1(211). *Cryptophyceae* [⁵*Cryptomonas*]¹³⁸

2(212). *Leucocrypta* [⁵*Katablepharis*]

3(213). *Palpitia* [⁵*Palpitomonas*]

4(214). *Endohelea* [⁵*Microheliella*]¹³⁹

5(215). *Picomonadea* [⁵*Picomonas*]

6(216). *Telonemea* [⁵*Telonema*] stat.m.

¹²⁸Incl. *Pirsonia*.

¹²⁹Incl. *Parmales*.

¹³⁰Incl. *Pedinellales*, *Rhizochromulinales*.

¹³¹Incl. *Sarcinochrysidales*, *Olisthodiscus* sed.m.

¹³²Incl. *Picophagus*, *Synchroma*, *Leukarachnion*, *Paraphysomonas*.

¹³³Incl. *Chrysomeridophyceae* stat.m.

¹³⁴Incl. *Schizocladiophyceae*, *Phaeothamniales*, *Aurearenophyceae*.

¹³⁵Incl. *Olisthodiscus* sed.m.

¹³⁶Incl. *Pavlovophyceae*.

¹³⁷Incl. “OM270”.

¹³⁸Incl. *Goniomonas*.

¹³⁹Incl. *Heliomorpha*.

Infraregnum Chlorobionta [^{6,5}*Volvox*]

Phylum 35. GLAUCOPHYTA [⁶*Glaucocystis*]

Classis 1(217). *Glaucophyceae* [⁵*Glaucocystis*]

Phylum 36. RHODOPHYTA [⁶*Bangia*]

Classis 1(218). *Cyanidiophyceae* [⁵*Cyanidium*]
2(219). *Proteorhodophyceae* [⁵*Rhodella*]¹⁴⁰
3(220). *Bangiophyceae* [⁵*Bangia*]
4(221). *Florideophyceae* [⁵*Palmaria*]

Phylum 37. CHLOROPHYTA [⁶*Volvox*]* s.a.

Subphylum *Chlorophytina* [^{5,8}*Volvox*]

Classis 1(222). *Prasinococcophyceae* [⁵*Prasinococcus*]¹⁴¹
2(223). *Pyraminomonadophyceae* [⁵*Pyraminomonas*]
3(224). *Mamiellophyceae* [⁵*Mamiella*]
4(225). *Nephroselmidophyceae* [⁵*Nephroselmis*]* s.a.¹⁴²
5(226). *Pedinophyceae* [⁵*Pedinomonas*]
6(227). *Chlorodendrophyceae* [⁵*Tetraselmis*]¹⁴³
7(228). *Chlorellophyceae* [⁵*Chlorella*]
8(229). *Trebouxiophyceae* [⁵*Trebouxia*]¹⁴⁴
9(230). *Chlorophyceae* [⁵*Volvox*]
10(231). *Ulvophyceae* [⁵*Ulva*]

Subphylum *Charophytina* [^{5,8}*Chara*]*

Classis 11(232). *Streptofilophyceae* [⁵*Streptofilum*]
12(233). *Mesostigmatophyceae* [⁵*Mesostigma*]¹⁴⁵
13(234). *Charophyceae* [⁵*Chara*]*¹⁴⁶

Regnum Vegetabilia [⁷*Magnolia*]

Phylum 38. BRYOPHYTA [⁶*Bryum*]

Subphylum *Hepaticae* [^{5,8}*Marchantia*]

Classis 1(235). *Haplomitriopsida* [⁵*Haplomitrium*]¹⁴⁷
2(236). *Marchantiopsida* [⁵*Marchantia*]¹⁴⁸
3(237). *Jungermanniopsida* [⁵*Jungermannia*]¹⁴⁹

¹⁴⁰Incl. Stylonematophyceae, Porphyridiophyceae, Compsogonophyceae.

¹⁴¹Incl. *Prasinoderma*, Palmophyllales, (*Palmophyllum*, *Verdigellas*).

¹⁴²Incl. "Clade VIII", Pycnococcaceae, "Clade IX", *Picocystis*, "CCMP-1205".

¹⁴³Incl. *Scherffelia*, *Oltmannsielliopsis* sed.m.

¹⁴⁴Incl. *Geminella*, *Helicosporidium*, *Prasiola*.

¹⁴⁵Incl. *Chlorokybus*, *Spirotaenia*.

¹⁴⁶Incl. Klebsormidiophyceae stat.m., Conjugatophyceae.

¹⁴⁷Incl. Treubiales.

¹⁴⁸Incl. Blasiales, Sphaerocarpaceae, Monocleales.

¹⁴⁹Incl. Pelliales, Fossombroniales, Pallaviciniales.

Subphylum *Bryophytina* [^{5,8}*Bryum*]

- Classis 4(238). *Takakiopsida* [⁵*Takakia*]
- 5(239). *Sphagnopsida* [⁵*Sphagnum*]
- 6(240). *Andreaeopsida* [⁵*Andreaea*]¹⁵⁰
- 7(241). *Polytrichopsida* [⁵*Polytrichum*]*¹⁵¹
- 8(242). *Bryopsida* [⁵*Bryum*]¹⁵²

Subphylum *Anthocerotophytina* [^{5,8}*Anthoceros*]

- Classis 9(243). *Anthocerotopsida* [⁵*Anthoceros*]¹⁵³

Phylum 39. PTERIDOPHYTA [⁶*Pteris*]*

Subphylum *Lycopodiophytina* [^{5,8}*Lycopodium*]

- Classis 1(244). *Lycopodiopsida* [⁵*Lycopodium*]¹⁵⁴

Subphylum *Pteridophytina* [^{5,8}*Pteris*]

- Classis 2(245). *Equisetopsida* [⁵*Equisetum*]
- 3(246). *Psilotopsida* [⁵*Psilotum*]
- 4(247). *Ophioglossopsida* [⁵*Ophioglossum*]
- 5(248). *Marattiopsida* [⁵*Marattia*]
- 6(249). *Pteridopsida* [⁵*Pteris*]

Phylum 40. SPERMATOPHYTA [⁶*Magnolia*] s.a.

- Classis 1(250). *Ginkgoopsida* [⁵*Ginkgo*]
- 2(251). *Cycadopsida* [⁵*Cycas*]
- 3(252). *Angiospermae* [⁵*Magnolia*]
- 4(253). *Gnetopsida* [⁵*Gnetum*] stat.m.
- 5(254). *Pinopsida* [⁵*Pinus*]¹⁵⁵

Regnum Animalia [⁷*Araneus*]¹⁵⁶

Subregnum *Spongia* [^{6,8}*Spongia*]

Phylum 41. PORIFERA [⁶*Spongia*]

Subphylum *Silicea* [^{5,8}*Spongia*] stat.m.

- Classis 1(255). *Hexactinellea* [⁵*Euplectella*]
- 2(256). *Demospongia* [⁵*Spongia*] s.aggr.

Subphylum *Calcispongia* [^{5,8}*Sycetta*] stat.m.

- Classis 3(257). *Calcarea* [⁵*Sycetta*]

¹⁵⁰Incl. *Andreaebryum* stat.m.i.

¹⁵¹Incl. Tetrapihidales i.s, Oedipodiales stat.m.

¹⁵²Incl. Buxbaumiales sed.m., Diphysciales sed.m., Timmiales.

¹⁵³Incl. Leiosporocerotales.

¹⁵⁴Incl. Isoetopsida stat.m.

¹⁵⁵Incl. Cupressopsida.

¹⁵⁶Incl. *Salinella* i.s.

4(258). *Homoscleromorpha* [⁵*Oscarella*]

Subregnum *Ctenophora* [^{6,8}*Ctenoplana*]

Phylum 42. CTENOPHORA [⁶*Ctenoplana*]

Classis 1(259). *Ctenophoroidea* [⁵*Ctenoplana*]¹⁵⁷

Subregnum *Phagocytellozoa* [^{6,8}*Trichoplax*]

Phylum 43. PLACOOZOA [⁶*Trichoplax*]

Classis 1(260). *Trichoplacoidea* [⁵*Trichoplax*]

Subregnum *Cnidaria* [^{6,8}*Hydra*]

Phylum 44. ANTHOZOA [⁶*Actinia*]

Classis 1(261). *Hexacorallia* [⁵*Actinia*]

2(262). *Octocorallia* [⁵*Alcyonium*]

Phylum 45. MEDUSOZOA [⁶*Hydra*]

Subphylum *Natantes*[†] [^{5,8}*Hydra*]

Classis 1(263). *Coronatae* [⁵*Linuche*]

2(264). *Staurozoa* [⁵*Lucernaria*]

3(265). *Cubozoa* [⁵*Carybdea*]

4(266). *Scyphozoa* [⁵*Aurelia*]

5(267). *Hydrozoa* [⁵*Hydra*]

Subphylum *Myxozoa* [^{5,8}*Myxidium*]

Classis 6(268). *Polypodiozoa* [⁵*Polypodium*]

7(269). *Malacosporea* [⁵*Tetracapsula*]¹⁵⁸

8(270). *Myxosporea* [⁵*Myxidium*]¹⁵⁹

Subregnum *Bilateria* [^{6,8}*Araneus*]

Infraregnum *Xenacoelomorpha* [^{6,5}*Convoluta*]

Phylum 46. ACOELOMORPHA [⁶*Convoluta*]

Classis 1(271). *Acoela* [⁵*Convoluta*]

2(272). *Nemertodermatida* [⁵*Nemertoderma*]

3(273). *Xenoturbelloidea* [⁵*Xenoturbella*]

¹⁵⁷Incl. Tentaculifera, Nuda.

¹⁵⁸= *Tetracapsula*, *Buddenbrockia*.

¹⁵⁹= Actinomyxidida.

Infraregnum Deuterostomia [^{6.5}*Felis*]

Phylum 47. ECHINODERMATA [⁶*Echinus*]

- Classis 1(274). *Crinoidea* [⁵*Metacrinus*]
- 2(275). *Asteroidea* [⁵*Asterias*]¹⁶⁰
- 3(276). *Echinoidea* [⁵*Echinus*]
- 4(277). *Ophiuroidea* [⁵*Ophiura*]
- 5(278). *Holothurioidea* [⁵*Holothuria*]

Phylum 48. HEMICHORDATA [⁶*Balanoglossus*]

- Classis 1(279). *Enteropneusta* [⁵*Balanoglossus*]*¹⁶¹
- 2(280). *Pterobranchia* [⁵*Rhabdopleura*]

Phylum 49. CHORDATA [⁶*Felis*] s.a.

Subphylum *Cephalochordata* [^{5.8}*Branchiostoma*]

- Classis 1(281). *Leptocardii* [⁵*Branchiostoma*]

Subphylum *Vertebrata* [^{5.8}*Felis*]

- Classis 2(282). *Cyclostomata* [⁵*Myxine*]*
- 3(283). *Chondrichthyes* [⁵*Squalus*]
- 4(284). *Actinopterygii* [⁵*Perca*]
- 5(285). *Dipnoi* [⁵*Protopterus*]¹⁶²
- 6(286). *Amphibia* [⁵*Rana*]
- 7(287). *Reptilia* [⁵*Gecko*]*
- 8(288). *Aves* [⁵*Gallus*]¹⁶³
- 9(289). *Mammalia* [⁵*Felis*]

Subphylum *Tunicata* [^{5.8}*Ascidia*] stat.m.i.

- Classis 10(290). *Larvacea* [⁵*Oikopleura*]
- 11(291). *Ascidacea* [⁵*Ascidia*]¹⁶⁴

Infraregnum Protostomia [^{6.5}*Araneus*]

Superphylum *Spiralia* [^{6.2}*Nereis*]

Phylum 50. PLATYZOA [⁶*Fasciola*] s.a.

Subphylum *Gnathifera* [^{5.8}*Rotifer*] s.a.

- Classis 1(292). *Gnathostomulida* [⁵*Gnathostomula*]¹⁶⁵
- 2(293). *Micrognathozoa* [⁵*Limnognathia*] sed.m.
- 3(294). *Syndermata* [⁵*Rotifer*]¹⁶⁶

¹⁶⁰Incl. *Xyloplax*.

¹⁶¹Incl. *Planctosphaera*.

¹⁶²Incl. *Latimeria*.

¹⁶³Incl. Dinosauromorpha.

¹⁶⁴Incl. Thaliacea, Sorberacea.

¹⁶⁵Incl. Filospermoidea, Bursovaginoidea.

¹⁶⁶Incl. *Seison*, Bdelloidea, Acanthocephala s.l., Monogononta.

Subphylum *Gastrotricha* [^{5,8}*Macrodasys*] stat.m.i.

Classis 4(295). *Gastrotrichoidea* [⁵*Macrodasys*]

Subphylum *Mesozoa* [^{5,8}*Dicyema*]

Classis 5(296). *Dicyemida* [⁵*Dicyema*]

6(297). *Orthonectida* [⁵*Rhopalura*]

Subphylum *Platyhelminthes* [^{5,8}*Fasciola*]

Classis 7(298). *Catenulida* [⁵*Catenula*]

8(299). *Rhabditophora* [⁵*Planaria*]*¹⁶⁷

9(300). *Neodermata* [⁵*Fasciola*]¹⁶⁸

Phylum 51. MOLLUSCA [⁶*Limax*]

Classis 1(301). *Aplacophora* [⁵*Neomenia*]¹⁶⁹

2(302). *Polyplacophora* [⁵*Chiton*]

3(303). *Monoplacophora* [⁵*Monoplacophorus*]

4(304). *Cephalopoda* [⁵*Octopus*]

5(305). *Scaphopoda* [⁵*Dentalium*]

6(306). *Gastropoda* [⁵*Limax*]

7(307). *Bivalvia* [⁵*Mytilus*]

Phylum 52. LOPHOPHORATA [⁶*Lingula*] stat.m.

Subphylum *Brachiozoa* [^{5,8}*Lingula*]

Classis 1(308). *Linguliformea* [⁵*Lingula*]

2(309). *Craniiformea* [⁵*Craniscus*]

3(310). *Rhynchonelliformea* [⁵*Rhynchonella*]

4(311). *Phoronida* [⁵*Phoronis*]

Subphylum *Ectoprocta* [^{5,8}*Flustra*]

Classis 5(312). *Phylactolaemata* [⁵*Plumatella*]

6(313). *Gymnolaemata* [⁵*Flustra*]¹⁷⁰

Subphylum *Kamptozoa* [^{5,8}*Pedicellina*]

Classis 7(314). *Cycliophora* [⁵*Symbion*]

8(315). *Entoprocta* [⁵*Pedicellina*]

Phylum 53. NEMERTEA [⁶*Nemertes*]

Classis 1(316). *Archynchocoela* [⁵*Archynchonemertes*]

2(317). *Nemertini* [⁵*Nemertes*]¹⁷¹

Phylum 54. ANNELIDA [⁶*Nereis*]

Classis 1(318). *Sipunculida* [⁵*Sipunculus*]

¹⁶⁷Incl. Macrostromida, Polycladida, Neoophora s.s.

¹⁶⁸Incl. Monogenea, Trematoda, Cestoda.

¹⁶⁹Incl. Caudofoveata.

¹⁷⁰Incl. Stenolaemata.

¹⁷¹Incl. Anopla, Enopla.

- 2(319). *Myzostomida* [⁵*Myzostoma*] sed.m.
 3(320). *Euannelida* [⁵*Nereis*]*¹⁷²
 4(321). *Clitellata* [⁵*Limbricus*] ¹⁷³

Superphylum *Chaetozoa*[†] [^{6.2}*Sagitta*]

Phylum 55. CHAETOGNATHA [⁶*Sagitta*]

Classis 1(322). *Sagittoidea* [⁵*Sagitta*]

Superphylum *Ecdysozoa* [^{6.2}*Araneus*]

Phylum 56. NEMATHELMINTHES [⁶*Ascaris*] s.a.

Classis 1(323). *Priapulida* [⁵*Priapulidus*]

2(324). *Kinorhyncha* [⁵*Kinorhynchus*]

3(325). *Nematomorpha* [⁵*Gordius*]

4(326). *Nematoda* [⁵*Ascaris*]¹⁷⁴

5(327). *Loricifera* [⁵*Nanaloricus*]

Phylum 57. ARTHROPODA [⁶*Araneus*] s.a.

Subphylum *Lobopoda* [^{5.8}*Peripatus*] stat.m.

Classis 1(328). *Onychophora* [⁵*Peripatus*]

Subphylum *Tardigrada* [^{5.8}*Macrobiotus*] stat.m.

Classis 2(329). *Tardigradoidea* [⁵*Macrobiotus*]¹⁷⁵

Subphylum *Cheliceromorpha* [^{5.8}*Araneus*]

Classis 3(330). *Pantopoda* [⁵*Pycnogonum*]

4(331). *Chelicerata* [⁵*Araneus*]¹⁷⁶

Subphylum *Myriapoda* [^{5.8}*Scolopendra*]

Classis 5(332). *Chilopoda* [⁵*Scolopendra*]

6(333). *Symphyla* [⁵*Symphylella*]

7(334). *Pauropoda* [⁵*Pauropus*]

8(335). *Diplopoda* [⁵*Julus*]

Subphylum *Pancrustacea* [^{5.8}*Scarabaeus*]

Classis 9(336). *Oligostraca* [⁵*Argulus*] s.a., stat.m.¹⁷⁷

10(337). *Ostracoda* [⁵*Cypris*]

11(338). *Thecostraca* [⁵*Lepax*] ¹⁷⁸

12(339). *Copepodoidea* [⁵*Cyclops*]

¹⁷²Incl. Amphinomidae, Chaetopteridae sed.m., Echiura, Oweniidae sed.m., Magelonidae sed.m., Sibolginida, *Diurodrilus*, *Jennaria*, *Lobatocerebrum*.

¹⁷³Incl. Aelosomata.

¹⁷⁴Incl. Adenophorea, Secernentea.

¹⁷⁵Incl. Heterotardigrada, Mesotardigrada i.s., Eutardigrada.

¹⁷⁶Incl. Xiphosura.

¹⁷⁷Incl. Branchiura, Pentastomida sed.m., Mystacocarida sed.m.

¹⁷⁸Incl. Tantulocarida, Facetotecta, Ascothoracida.

- 13(340). *Malacostraca* [⁵*Cancer*]¹⁷⁹
14(341). *Cephalocarida* [⁵*Hutchinsoniella*]
15(342). *Branchiopoda* [⁵*Daphnia*]
16(343). *Remipedia* [⁵*Speleonectes*]
17(344). *Hexapoda* [⁵*Scarabaeus*] s.a.¹⁸⁰

¹⁷⁹Incl. Leptostraca.

¹⁸⁰Incl. Entognatha.