

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

Classis 1(1). *Spirochaetes* [⁵*Spirochaeta*] s.a.²

Phylum 2. ELUSIMICROBIA [⁶*Elusimicrobium*] sed.m.³

Classis 1(2). *Elusimicrobes* [⁵*Elusimicrobium*]⁴

2(3). *Aerophobetes* [⁵*Aerophobus*]⁵

3(4). *Hydrogenedentes* [⁵*Hydrogenedens*]⁶

Phylum 3. PLANCTOBACTERIA [⁶*Planctomyces*]⁷

Classis 1(5). ‘*Poribacteria*’ [⁵‘*Poribacter*’]

2(6). *Planctomycetia* [⁵*Planctomyces*]⁸

3(7). *Lentisphaeria* [⁵*Lentisphaera*]⁹

4(8). *Verrucomicrobiae* [⁵*Verrucomicrobium*]¹⁰

*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; ‘single quotes’ for environmental groups and/or superficially placed taxa; * (asterisk) for paraphyletic taxa.

¹Incl. ‘Nanobacteria’ i.s. et dubitativa.

²Incl. *Leptospira*.

³Incl. ‘Firestonebacteria’, ‘Desantibacteria’.

⁴= ‘Endomicrobia’, ‘TG1’.

⁵= ‘CD12’.

⁶= ‘NKB19’.

⁷= ‘PVC’.

⁸Incl. Phycisphaerae.

⁹Incl. *Oligosphaera*.

¹⁰Incl. Opitutae, Spartobacteria.

- 5(9). *Kiritimatiellaeota* [⁵*Kiritimatiella*]
 6(10). *Omnitrophica* [⁵*Omnitrophus*]¹¹
 7(11). *Chlamydiae* [⁵*Chlamydia*]

Phylum 4. BACTEROIDETES [⁶*Bacteroides*] s.a.¹²

- Classis 1(12). *Cloacimonetes* [⁵*Cloacimonas*]¹³
 2(13). *Fibrobacteria* [⁵*Fibrobacter*]¹⁴
 3(14). *Gemmatimonadetes* [⁵*Gemmatimonas*] sed.m.¹⁵
 4(15). *Calditrichaeota* [⁵*Caldithrix*]
 5(16). *Latescibacteria* [⁵*Latescibacter*]¹⁶
 6(17). *Bacteroidia* [⁵*Bacteroides*]¹⁷
 7(18). *Rhodothermaeota* [⁵*Salinibacter*]
 8(19). *Ignavibacteria* [⁵*Ignavibacterium*]¹⁸
 9(20). *Chlorobia* [⁵*Chlorobium*]¹⁹
 10(21). *Marinimicrobia* [⁵*Marinimicrobium*]²⁰

Phylum 5. PROTEOBACTERIA [⁶*Rhodospirillum*] s.a.²¹

- Classis 1(22). *Epsilonproteobacteria* [⁵*Campylobacter*]
 2(23). *Calescamantes* [⁵*Calescibacterium*]²²
 3(24). *Aquificae* [⁵*Aquifex*]²³
 4(25). *Deferribacteres* [⁵*Deferribacter*]
 5(26). *Chrysiogenetes* [⁵*Chrysiogenes*]
 6(27). *Acidobacteria* [⁵*Acidobacterium*] sed.m.²⁴
 7(28). *Aminicenantes* [⁵*Aminicenans*]²⁵
 8(29). *Sumerlaeota* [⁵*Sumerlaea*]²⁶
 9(30). *Nitrospirae* [⁵*Nitrospira*]²⁷

¹¹= 'OP3'.

¹²= 'FCB', incl. 'Zixibacteria' ('RBG-1'), 'Stahlbacteria' ('WOR-3'), 'TA06', 'Hydrothermae' ('EM3'), 'Handelsmanbacteria', 'Eisenbacteria', 'Edwardsbacteria', 'Glassbacteria', 'Raymondbacteria'.

¹³= 'WWE1'.

¹⁴Incl. Chitinivibrione ('TG3').

¹⁵Incl. *Longimicrobium*.

¹⁶= 'WS3', incl. 'SAUL' stat.m.

¹⁷Incl. Flavobacteria, Sphingobacteria, Cytophagia Saprospira, Chitinophagia.

¹⁸Incl. 'OPB56', Kryptonia.

¹⁹Incl. Balneolaeota.

²⁰= 'SAR406'.

²¹Incl. 'Rokubacteria', 'Tectomicrobia' (*Entotheonella*), 'Modulibacteria' ('KSB3'), 'Dadabacteria' ('CSP 1-2'), 'Lindowbacteria', 'Muproteobacteria', 'Lambdaproteobacteria', 'Fischerbacteria', 'DeLongbacteria', 'Schekmanbacteria'.

²²= 'EM19'.

²³Incl. Hydrogenothermaceae, Thermodesulfobacteriaceae, *Thermosulfidibacter*, Desulfurobacteriaceae.

²⁴Incl. Halophagae, Solibacteres, Blastocatellia, Vicinamibacteria, Thermoanaerobaculia.

²⁵= 'OP8'.

²⁶= 'BRC1'.

²⁷Incl. Nitrospirinae.

- 10(31). *Desulfobacteria* [⁵*Desulfobacter*] s.a.²⁸
 11(32). *Dependentiae* [⁵*Babela*]²⁹
 12(33). *Methylomirabilia* [⁵*Methylomirabilis*]³⁰
 13(34). *Rhodobacteria* [⁵*Rhodobacter*] s.a.³¹

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

Phylum 6. FIRMICUTES [⁶*Bacillus*]* s.aggr.³²

- Classis 1(35). *Clostridia* [⁵*Clostridium*] s.a.³³
 2(36). *Limnochordia* [⁵*Limnochorda*]
 3(37). *Bacilli* [⁵*Bacillus*] s.a.³⁴
 4(38). *Mollicutes* [⁵*Mycoplasma*]³⁵
 5(39). *Thermi* [⁵*Thermus*]³⁶
 6(40). *Armatimonadetes* [⁵*Armatimonas*] stat.m.³⁷
 7(41). *Synergistia* [⁵*Synergistes*]
 8(42). *Atribacteria* [⁵*Caldatribacterium*]³⁸
 9(43). *Thermotogae* [⁵*Thermotoga*] sed.m.
 10(44). *Acetothermia* [⁵*Acetothermum*]³⁹
 11(45). *Fervidibacteria* [⁵*Fervidibacter*]⁴⁰
 12(46). *Caldiserica* [⁵*Caldisericum*] i.s.⁴¹
 13(47). *Dictyoglomia* [⁵*Dictyoglomus*] sed.m.
 14(48). *Fusobacteria* [⁵*Fusobacterium*] sed.m.

Phylum 7. ACTINOBACTERES[†] [⁶*Actinomyces*]

- Classis 1(49). *Actinobacteria* [⁵*Actinomyces*]⁴²

Phylum 8. CYANOBACTERIA [⁶*Nostoc*]⁴³

- Classis 1(50). *Melainabacteria* [⁵*Obscuribacter*]
 2(51). *Gloeobacteria* [⁵*Gloeobacter*]⁴⁴

²⁸Incl. Deltaproteobacteria, Myxobacteria, *Bdellovibrio*, *Deferrisoma*.

²⁹= 'TM6'.

³⁰= 'NC10'.

³¹Incl. Alphaproteobacteria, Acidithiobacillia, Zetaproteobacteria, Betaproteobacteria, Gammaproteobacteria, Oligoflexia.

³²Incl. 'Fraserbacteria', 'Riflebacteria', 'Wallbacteria', 'Coatesbacteria', 'GAL15'.

³³Incl. Haloanaerobiales stat.m., Thermolithobacteria stat.m., Symbiobacteria, Tissierella, Negativicutes, *Sulfobacillus* i.s., *Thermaerobacter* i.s.

³⁴Incl. Erysipelotrichi, Heliobacteria.

³⁵= Tenericutes, incl. *Lumbricincola*.

³⁶Incl. Thermales.

³⁷= 'OP10', incl. Chthonomonadetes, Fimbriimonadia.

³⁸= 'OP9' and 'JS1'.

³⁹= 'OP1', incl. Coprothermobacteria sed.m.

⁴⁰= 'OctSpa1-106'.

⁴¹= 'OP5', incl. Cryosericotia.

⁴²Incl. Coriobacteriia, Rubrobacteria, Thermoleophilia, Acidimicrobia.

⁴³Incl. 'Margulisbacteria'.

⁴⁴*Gloeobacter* corresponds with *Aphanothece*.

- 3(52). *Oscillatorineae* [⁵*Oscillatoria*]* s.a.⁴⁵
 4(53). *Nostocineae* [⁵*Nostoc*]

Phylum 9. CHLOROFLEXES [⁶*Chloroflexus*]⁴⁶

- Classis 1(54). *Chloroflexi* [⁵*Chloroflexus*]
 2(55). *Thermomicrobia* [⁵*Thermomicrobium*]⁴⁷
 3(56). *Ktedonobacteria* [⁵*Ktedonobacter*]
 4(57). *Anaerolineae* [⁵*Anaerolinea*]⁴⁸
 5(58). *Dehalococcoidetes* [⁵*Dehalococcoides*]⁴⁹

Superphylum *Patescibacteria* [^{6.2}*Paceibacter*]⁵⁰

Phylum 10. MICROGENOMATES [⁶*Microgenomatus*]⁵¹

Phylum 11. PARCUBACTERIA [⁶*Paceibacter*]⁵²

Subregnum *Archaeobacteria* [^{6.8}*Methanobacterium*]*

Phylum 12. NANOARCHAEOTA [⁶*Nanoarchaeum*]⁵³

- Classis 1(59). *Microarchaea* [⁵*Micrarchaeum*]⁵⁴
 2(60). *Aenigmarcheota* [⁵*Aenigmarchaeum*]
 3(61). *Nanohaloarchaea* [⁵*Nanosalinarum*]
 4(62). *Parvarchaea* [⁵*Parvarchaeum*]
 5(63). *Nanoarchaea* [⁵*Nanoarchaeum*]

⁴⁵Incl. *Gloeomargarita*, Synechococcineae, ‘Prochlorophyceae’, *Acaryochloris*.

⁴⁶Incl. ‘Umbricyclopia’ (‘TK10’), ‘Limnocylindria’ (‘SL56’).

⁴⁷Incl. *Thermobaculum*, *Sphaerobacter*.

⁴⁸Incl. Caldilineae, Thermoflexia, Ardenticatenia.

⁴⁹Incl. *Dehalobium*, *Dehalogenimonas*.

⁵⁰= ‘Candidate Phyla Radiation’, ‘CPR’.

⁵¹= ‘OP11’, incl. ‘Amesbacteria’, ‘Beckwithbacteria’, ‘Blackburnbacteria’, ‘Chisholmbacteria’, ‘Collierbacteria’, ‘CPR1’, ‘CPR2’, ‘CPR3’, ‘Curtissbacteria’, ‘Daviesbacteria’, ‘Dojkabacteria’ (‘WS6’), ‘Gottesmanbacteria’, ‘Katanobacteria’, ‘Levybacteria’, ‘Pacebacteria’, ‘Roizmanbacteria’, ‘Shapirobacteria’, ‘Wirthbacteria’, ‘Woesebacteria’, ‘Woykebacteria’, ‘WWE3’, ‘Woykebacteria’, ‘Chisholmbacteria’, ‘Blackburnbacteria’.

⁵²= ‘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’, ‘Ryanbacteria’, ‘Niyogibacteria’, ‘Tagabacteria’, ‘Terrybacteria’, ‘Vogelbacteria’, ‘Zambryskibacteria’, ‘Taylorbacteria’, ‘Sungbacteria’, ‘Brennerbacteria’, ‘Spechtbacteria’, ‘Staskawiczbacteria’, ‘Wildermuthbacteria’, ‘Portnoybacteria’, ‘Buchananbacteria’, ‘Jacksonbacteria’, ‘Veblenbacteria’, ‘Kerfeldbacteria’, ‘Nealsonbacteria’, ‘Colwellbacteria’, ‘Liptonbacteria’, ‘Harrisonbacteria’, ‘Yonanthbacteria’, ‘Lloydbacteria’, ‘Abawacabacteria’, ‘Komeilibacteria’, ‘Andersenbacteria’, ‘Doudnabacteria’, ‘Kuenenbacteria’.

⁵³= ‘DPANN’.

⁵⁴= Diapherotrites.

6(64). ‘*Woesearchaeota*’⁵⁵

Phylum 13. EURYARCHAEOTA [⁶*Methanobacterium*]⁵⁶

- Classis 1(65). *Thermococci* [⁵*Thermococcus*]
2(66). *Methanobacteria* [⁵*Methanobacterium*] s.a.⁵⁷
3(67). *Thermoplasmata* [⁵*Thermoplasma*]
4(68). *Archaeoglobi* [⁵*Archaeoglobus*]
5(69). *Halobacterota* [⁵*Halobacterium*]⁵⁸

Phylum 14. FILARCHAEOTA [⁶*Sulfolobus*]*⁵⁹

- Classis 1(70). *Cenarchaea* [⁵*Cenarchaeum*]⁶⁰
2(71). *Crenarchaea* [⁵*Sulfolobus*]⁶¹
3(72). *Korarchaea* [⁵*Korarchaeum*]

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

- Classis 1(73). *Lokiarchaea* [⁵*Lokiarchaeum*]⁶²
2(74). ‘*Heimdallarchaeota*’

Regnum Protista [⁷*Euglena*]*⁶³

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

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

- Classis 1(75). *Anaeromonadea* [⁵*Oxymonas*]⁶⁴
2(76). *Parabasalea* [⁵*Trichomonas*]⁶⁵
3(77). *Eopharyngea* [⁵*Hexamita*]⁶⁶

Phylum 17. DISCOBA [⁶*Euglena*] s.a.

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

- Classis 1(78). *Malawimonadea* [⁵*Malawimonas*]⁶⁷

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

- Classis 2(79). *Tsukubea* [⁵*Tsukubamonas*]

⁵⁵= ‘Pacearchaeota’.

⁵⁶Incl. ‘Hadesarchaea’ (‘SAGMEG’).

⁵⁷Incl. Methanobacteriales, Methanococcales stat.m., Methanopyrales i.s.

⁵⁸Incl. Methanomicrobiales, Methanosarcinales, Halobacteriales, Methanonatronarchaeia.

⁵⁹=‘TACK’.

⁶⁰Incl. Thaumarchaeota, Aigarchaeota, ‘Geoarchaeota’, ‘Bathyarchaeota’ (‘MCG’).

⁶¹Incl. Desulfurococcales, Caldisphaerales, Thermoproteales, Verstraetearchaeota.

⁶²Incl. ‘Odinarchaeota’, ‘Helarchaeota’. ‘Thorarchaeota’.

⁶³Incl. *Magosphaera* i.s., *Luffisphaera* i.s., *Paraluffisphaera* i.s., and many others.

⁶⁴Incl. Oxymonadida, *Trimastix*, *Paratrimastix*.

⁶⁵Incl. Trichomonadea.

⁶⁶Incl. Carpediemonadida, Retortamonadida, Diplomonadida.

⁶⁷Incl. *Gefionella*.

3(80). *Jakobea* [⁵*Jakoba*]⁶⁸

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

Classis 4(81). *Heterolobosea* [⁵*Naegleria*]⁶⁹

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

Classis 5(82). *Euglenophyceae* [⁵*Euglena*]* s.a.⁷⁰

6(83). *Postgaardea* [⁵*Postgaardi*]⁷¹

7(84). *Diplosonematea* [⁵*Diplosonema*]⁷²

8(85). *Kinetoplastea* [⁵*Bodo*]

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

Phylum 18. SULCOZOA [⁶*Apusomonas*] s.aggr.

Classis 1(86). *Ancyromonadea* [⁵*Ancyromonas*] sed.m.⁷³

2(87). *Mantamonadea* [⁵*Mantamonas*]

3(88). *Hilomonadea* sed.m.[⁵*Micronuclearia*]⁷⁴

4(89). *Anisomonadea* [⁵*Collodictyon*] sed.m.⁷⁵

5(90). *Apusomonadea* [⁵*Apusomonas*]

6(91). *Breviatea* [⁵*Breviata*]⁷⁶

Phylum 19. AMOEBOZOA [⁶*Amoeba*]⁷⁷

Classis 1(92). *Cutosea* [⁵*Squamamoeba*]⁷⁸

2(93). *Mycetozoa* [⁵*Physarum*]⁷⁹

3(94). *Variosea* [⁵*Filamoeba*]* sed.m.⁸⁰

4(95). *Archamoebae* [⁵*Mastigamoeba*]⁸¹

5(96). *Tubulinea* [⁵*Amoeba*]⁸²

6(97). *Discosea* [⁵*Acanthamoeba*]⁸³

⁶⁸Incl. *Andalucia*

⁶⁹Incl. *Acrasis*, *Percolomonas*, *Pharyngomonas*, *Stephanopogon*, etc.

⁷⁰Incl. Entosiphonea, Stavomonadea, Ploeotarea, Peranemea.

⁷¹= Symbiontida.

⁷²= Diplonemea.

⁷³= Planomonadea, incl. *Anaeramoeba*, *Discocelia* (*Discocelis*) sed.m.

⁷⁴Incl. *Micronuclearia*, *Rigifila*.

⁷⁵Incl. *Diphylleia* (z), *Collodictyon*, *Sulcomonas*.

⁷⁶Incl. *Lenisia*, *Subulatomonas*, *Pygsuia*.

⁷⁷Incl. *Corallomyxa* i.s.

⁷⁸Incl. *Saprocribum*, *Armaparvus*.

⁷⁹Incl. *Ceratiomyxa*, *Dictyostelia*, *Myxogastria*, *Protostelia* p.p., *Semimorula*.

⁸⁰Incl. *Protostelia* p.p., *Acramoeba* *Ceratiomyxella*, *Filamoeba*, *Flamella*, *Multicilia*, *Phalansterium*.

⁸¹Incl. *Entamoeba*, *Rhizomastix*.

⁸²Incl. *Corycida*, *Copromyxa*.

⁸³Incl. *Dermamoebida*.

Phylum 20. OPISTHOSPORIDIA [⁶*Rozella*]*⁸⁴

- Classis 1(98). *Cristidiscoidea* [⁵*Nuclearia*]⁸⁵
- 2(99). *Cryptomycetes* [⁵*Rozella*]
- 3(100). *Microsporea* [⁵*Microsporidium*]⁸⁶
- 4(101). *Aphelidea* [⁵*Aphelidium*]

Phylum 21. EOMYCOTA[†] [⁶*Mucor*]* s.a.⁸⁷

- Classis 1(102). *Blastocladiomycetes* [⁵*Blastocladium*]
- 2(103). *Chytridiomycetes* [⁵*Chytridiopsis*]⁸⁸
- 3(104). *Olpidiomycetes* [⁵*Olpidium*]
- 4(105). *Kickxellomycetes* [⁵*Kickxella*]⁸⁹
- 5(106). *Mucoromycetes* [⁵*Mucor*]*⁹⁰
- 6(107). *Sanchytriomycetes* [⁵*Sanchytrium*]⁹¹
- 7(108). *Glomeromycetes* [⁵*Glomus*]⁹²

Phylum 22. BASIDIOMYCOTA [⁶*Agaricus*]

Subphylum *Entorrhizomycota* [^{5,8}*Entorrhiza*] stat.m.i.

- Classis 1(109). *Entorrhizomycetes* [⁵*Entorrhiza*]

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

- Classis 2(110). *Bartheletiomycetes*[†] sed.m. [⁵*Bartheletia*]
- 3(111). *Wallemiomycetes* [⁵*Wallemia*]⁹³

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

- Classis 4(112). *Exobasidiomycetes* [⁵*Exobasidium*]
- 5(113). *Ustilaginomycetes* [⁵*Ustilago*]
- 6(114). *Moniliellomycetes* [⁵*Moniliella*]
- 7(115). *Malasseziomycetes* [⁵*Malassezia*]

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

- Classis 8(116). *Tritirachiomycetes* [⁵*Tritirachium*]
- 9(117). *Agaricostilbomycetes* [⁵*Agaricostilbum*]
- 10(118). *Spiculogloeomycetes* [⁵*Spiculogloea*]
- 11(119). *Pucciniomycetes* [⁵*Uredo*]
- 12(120). *Classiculomycetes* [⁵*Classicula*]
- 13(121). *Atractiellomycetes* [⁵*Atractiella*]

⁸⁴Incl. 'Basal Clone Group 2'.

⁸⁵Incl. *Fonticula*, *Parvularia*.

⁸⁶Incl. *Nucleophaga*, *Chytridiopsis*, Metchnikovellidae.

⁸⁷Incl. 'Basal Clone Group I'.

⁸⁸Incl. Monoblepharidales, Neocallimastigales, *Thalassochytrium*, *Caulochytrium*.

⁸⁹Incl. Asellariales, Basidiobolales, Entomophthorales, Harpellales, Neozygitales, Zoopagales, Orphellales, *Nephridiophaga*.

⁹⁰Incl. Endogonales, Mortierellales, Calcarisporiellomycota.

⁹¹Incl. *Amoeboradix*.

⁹²Incl. Glomeromycetes, Archaeosporomycetes, Paraglomeromycetes.

⁹³Incl. *Basidioascus*, *Geminibasidium*.

- 14(122). *Cystobasidiomycetes* [⁵*Cystobasidium*]
 15(123). *Microbotryomycetes* [⁵*Microbotryum*]⁹⁴
 16(124). *Mixiomycetes* [⁵*Mixia*]

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

- Classis 17(125). *Tremellomycetes* [⁵*Tremella*]
 18(126). *Dacrymycetes* [⁵*Dacrymyces*]
 19(127). *Agaricomycetes* [⁵*Agaricus*]

Phylum 23. ASCOMYCOTA [⁶*Ascomyces*]⁹⁵

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

- Classis 1(128). *Neoelectomycetes* [⁵*Neoelecta*]
 2(129). *Taphrinomycetes* [⁵*Ascomyces*]⁹⁶
 3(130). *Archaeorhizomycetes* [⁵*Archaeorhizomyces*]
 4(131). *Saccharomycetes* [⁵*Saccaromyces*]

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

- Classis 5(132). *Pezizomycetes* [⁵*Tuber*]
 6(133). *Orbiliomycetes* [⁵*Orbilina*]
 7(134). *Xylonomycetes* [⁵*Xylona*]
 8(135). *Dothideomycetes* [⁵*Dothidea*]⁹⁷
 9(136). *Leotiomycetes* [⁵*Leotia*]⁹⁸
 10(137). *Laboulbeniomycetes* [⁵*Laboulbenia*]
 11(138). *Sordariomycetes* [⁵*Sordaria*]
 12(139). *Geoglossomycetes* [⁵*Geoglossum*]
 13(140). *Lichinomycetes* [⁵*Lichina*]⁹⁹
 14(141). *Eurotiomycetes* [⁵*Penicillium*]¹⁰⁰
 15(142). *Lecanoromycetes* [⁵*Lecanora*]¹⁰¹

Phylum 24. CHOANOZOA [⁶*Codosiga*] s.a.

- Classis 1(143). *Ichthyosporea* [⁵*Ichthyophonus*]¹⁰²
 2(144). *Pluriformea* [⁵*Corallochytrium*]¹⁰³
 3(145). *Filasterea* [⁵*Capsaspora*]¹⁰⁴
 4(146). *Choanomonadea* [⁵*Codosiga*]

⁹⁴Incl. Cryptomycocolacales sed.m.

⁹⁵Incl. *Spirogyromyces* i.s.

⁹⁶Incl. *Saitoella*, Schizosaccharomycetes, *Pneumocystis*.

⁹⁷Incl. Arthoniales stat.m., Symbiotaphrinales sed.m.

⁹⁸Incl. *Trizobia*.

⁹⁹Incl. Coniocybomycetes, Candelariomycetes stat.m.

¹⁰⁰Incl. Xylobotryomycetes stat.m.

¹⁰¹Incl. Candelariales sed.m.

¹⁰²Incl. *Amoebidium*, Eccrinales.

¹⁰³Incl. *Syssomonas*.

¹⁰⁴Incl. *Ministeria*, *Pigoraptor*.

Subregnum *Panalgae*[†] [^{6.8}*Fucus*]

Infraregnum Chromobionta [^{6.5}*Fucus*] s.a.¹⁰⁵

Superphylum *Rhizaria* [^{6.2}*Cercomonas*]

Phylum 25. RHIZARIA [⁶*Cercomonas*] s.a.¹⁰⁶

Subphylum *Filosea* [^{5.8}*Cercomonas*]

- Classis 1(147). *Ventrifilosea* [⁵*Coelodendrum*]* s.a.¹⁰⁷
- 2(148). *Sarcomonadea* [⁵*Cercomonas*] s.a.¹⁰⁸
- 3(149). *Granofilosea* [⁵*Heliomorpha*]¹⁰⁹
- 4(150). *Metromonadea* [⁵*Metromonas*] s.a.¹¹⁰
- 5(151). *Chlorarachniophyceae* [⁵*Chlorarachnion*]¹¹¹

Subphylum *Endomyxa* [^{5.8}*Gromia*]

- Classis 6(152). *Skiomonadea* [⁵*Tremula*]¹¹²
- 7(153). *Proteomyxidea* [⁵*Filoreta*]*¹¹³
- 8(154). *Plasmodiophorea* [⁵*Plasmodiophora*]¹¹⁴
- 9(155). *Gromiidea* [⁵*Gromia*]
- 10(156). *Ascetosporea* [⁵*Haplosporidium*]¹¹⁵

Subphylum *Retaria* [^{5.8}*Acanthometra*]

- Classis 11(157). *Taxopodida* [⁵*Sticholonche*]¹¹⁶
- 12(158). *Polycystinea* [⁵*Collosphaera*]*
- 13(159). *Acantharia* [⁵*Acanthometra*]
- 14(160). *Monothalamea* [⁵*Allogromia*]¹¹⁷
- 15(161). *Tubothalamea* [⁵*Miliolina*]
- 16(162). *Globothalamea* [⁵*Rotalia*]

¹⁰⁵= Sar.

¹⁰⁶Incl. *Meteora* i.s.

¹⁰⁷Incl. Phaeodarea, Ebriida, Cryomonadida, Spongomonadidae, Thaumatomonadidae, Euglyphida, *Kraken*, Rotosphaerida, *Pompholyxophrys*, *Mataza*, Chlamydophryidae.

¹⁰⁸Incl. Cercomonadida, Pansomonadida, Glissomonadida, Viridiraptoridae, Sinauroidea.

¹⁰⁹Incl. *Massisteria*, Desmothoracida, Gymnosphaeridae sed.m., Heliomonadida, *Leucodictyon*, *Reticuloamoeba*.

¹¹⁰Incl. *Metopion*.

¹¹¹Incl. *Minorisa*.

¹¹²Incl. *Aquavolon*.

¹¹³Incl. Biomyxidae, *Pseudospora* sed.m., Rhizoplasmidae s.aggr., *Reticuloamoeba* sed.m.

¹¹⁴Incl. Vampyrellidae, *Phagomyxa*.

¹¹⁵Incl. Paramyxidia, *Bonamia*, *Claustrosporidium*, *Paradinium*, *Mikrocytos*.

¹¹⁶Incl. *Larcopyle*.

¹¹⁷Incl. Xenophyphorea, Reticulomyxidae, *Komokiacea*, *Schizocladus*.

Superphylum *Alveolata* [^{6.2}*Paramecium*]

Phylum 26. MYZOOA [⁶*Peridinium*]

Subphylum *Protalveolata* [^{5.8}*Colponema*]

Classis 1(163). *Colponemida* [⁵*Colponema*]¹¹⁸

Subphylum *Dinozoa* [^{5.8}*Peridinium*]

Classis 2(164). *Perkinsida* [⁵*Perkinsus*]¹¹⁹

3(165). *Squirmidea* [⁵*Filipodium*]¹²⁰

4(166). *Oxyrriidea* [⁵*Oxyrris*]¹²¹

5(167). *Syndinea* [⁵*Syndinium*]¹²²

6(168). *Ellobiopsida* [⁵*Ellobiopsis*]

7(169). *Dinoflagellata* [⁵*Peridinium*]¹²³

Subphylum *Apicomplexa* [^{5.8}*Plasmodium*]¹²⁴

Classis 8(170). *Apicomonadea* [⁵*Colpodella*]¹²⁵

9(171). *Gregarinomorpha* [⁵*Gregarina*]¹²⁶

10(172). *Coccidiomorpha* [⁵*Plasmodium*]¹²⁷

Phylum 27. CILIOPHORA [⁶*Paramecium*]

Subphylum *Postciliodesmatophora* [^{5.8}*Spirostomum*]

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

2(174). *Heterotrichea* [⁵*Spirostomum*]¹²⁸

Subphylum *Ventrata* [^{5.8}*Paramecium*]¹²⁹

Classis 3(175). *Phyllopharyngea* [⁵*Podophrya*]¹³⁰

4(176). *Nassophorea* [⁵*Nassula*]¹³¹

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*]

¹¹⁸Incl. *Acavomonas*, *Palustrimonas*.

¹¹⁹Incl. *Dinovorax*, *Perkinsus*, *Parvilucifera*, *Rastrimonas*, *Snorkelia* *Phagodinium* sed.m.

¹²⁰Incl. *Platyproteum*.

¹²¹Incl. *Colpovora*, *Psammosa*.

¹²²Incl. 'Marine Alveolate Groups I and II', *Ichthyodinium*, *Dubosquella*.

¹²³Incl. *Noctiluca* stat.m.

¹²⁴Incl. 'X-cells' i.s.

¹²⁵Incl. Chromerida.

¹²⁶Incl. *Cryptosporidium*, *Selenidium*.

¹²⁷Incl. *Nephromyces*, Piroplasmida.

¹²⁸Incl. *Protocruzia* sed.m.

¹²⁹= 'Conthreep'; incl. Discotrichida i.s.

¹³⁰Incl. Suctoria, Synchroniida.

¹³¹Incl. Nassulina, Microthoracina.

- 10(182). *Armophorea* [⁵*Metopus*]¹³²
 11(183). *Spirotrichea* [⁵*Oxytricha*]
 12(184). *Cariacotrichea* [⁵*Cariacotrix*]
Subphylum *Lamellicorticata* [^{5,8}*Clevelandella*]
 Classis 13(185). *Armophorea* [⁵*Clevelandella*]
 14(186). *Litostomatea* [⁵*Spathidium*]
- Superphylum *Heterokonta* [^{6,2}*Fucus*]
- Phylum 28. LABYRINTHOMORPHA [⁶*Labyrinthula*]
 Classis 1(187). *Labyrinthulea* [⁵*Labyrinthula*]¹³³
 2(188). *Eogyrea* [⁵*Pseudophyllomitus*]¹³⁴
 3(189). *Platysulcea* [⁵*Platysulcus*]
- Phylum 29. OPALAZOA[†] [⁶*Opalina*]
 Classis 1(190). *Bicoecea* [⁵*Bicosoeca*]
 2(191). *Placididea* [⁵*Placidia*]¹³⁵
 3(192). *Blastocystea* [⁵*Blastocystis*]
 4(193). *Opalina* [⁵*Opalina*]¹³⁶
- Phylum 30. OOMYCOTA [⁶*Saprolegnia*]
 Classis 1(194). *Oomycetes* [⁵*Saprolegnia*]¹³⁷
- Phylum 31. CHROMOPHYTA [⁶*Fucus*]
Subphylum *Developea* [^{5,8}*Developayella*]
 Classis 1(195). *Developayellophyceae* [⁵*Developayella*]¹³⁸
Subphylum *Pelagophytina* [^{5,8}*Pelagomonas*]
 Classis 2(196). *Bacillariophyceae* [⁵*Diatoma*] s.a.
 3(197). *Bolidophyceae* [⁵*Bolidomonas*]¹³⁹
 4(198). *Dictyochophyceae* [⁵*Dictyocha*]¹⁴⁰
 5(199). *Pelagophyceae* [⁵*Pelagomonas*]¹⁴¹
 6(200). *Pinguiphyceae* [⁵*Pinguiochrysis*]
Subphylum *Chrysophytina* [^{5,8}*Chrysococcus*]
 Classis 7(201). *Eustigmatophyceae* [⁵*Eustigmatos*]

¹³²Incl. Licnophorida sed.m.

¹³³Excl. *Labyrinthomyxa*, incl. Amphitremida.

¹³⁴= ‘MAST-4’, ‘MAST-6’.

¹³⁵Incl. *Incisomonas*, [⁵*Solenicola*], [⁵*Wobbia*], ‘MAST-3’.

¹³⁶Incl. Proteromonadida.

¹³⁷Incl. Hyphochitriomycetales.

¹³⁸Incl. Pirsonea.

¹³⁹Incl. Parmales.

¹⁴⁰Incl. Pedinellales, Rhizochromulinales.

¹⁴¹Incl. Sarcinochrysidales, *Olisthodiscus* sed.m.

8(202). *Chrysophyceae* [⁵*Chrysococcus*] s.a.¹⁴²

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

Classis 9(203). *Raphidophyceae* [⁵*Rhaphidomonas*]¹⁴³

10(204). *Phaeophyceae* [⁵*Fucus*]

11(205). *Xanthophyceae* [⁵*Tribonema*] s.a.¹⁴⁴

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

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

Phylum 32. TELONEMIA [⁶*Telonema*]

Classis 1(207). *Telonemea* [⁵*Telonema*]

Phylum 33. HELIOZOA [⁶*Prymnesium*]

Classis 1(208). *Alveida* [⁵*Ancoracysta*]

2(209). *Prymnesiophyceae* [⁵*Prymnesium*]¹⁴⁵

3(210). ‘*Rappephyceae*’ [⁵‘*Rappemonas*’]¹⁴⁶

4(211). *Centrohelea* [⁵*Pterocystis*]¹⁴⁷

Phylum 34. HEMIMASTIGOPHORA [⁶*Spironematella*]

Classis 1(212). *Hemimastigea* [⁵*Spironematella*]¹⁴⁸

Phylum 35. CRYPTISTA [⁶*Cryptomonas*]

Classis 1(213). *Cryptophyceae* [⁵*Cryptomonas*]¹⁴⁹

2(214). *Leucocrypta* [⁵*Katablepharis*]

3(215). *Palpitia* [⁵*Palpitomonas*]

4(216). *Endohelea* [⁵*Microheliella*]¹⁵⁰

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

Phylum 36. RHODOPHYTA [⁶*Bangia*]

Classis 1(217). *Picomonadea* [⁵*Picomonas*]

2(218). *Cyanidiophyceae* [⁵*Cyanidium*]

3(219). *Proteorhodophyceae* [⁵*Rhodella*]¹⁵¹

4(220). *Bangiophyceae* [⁵*Bangia*]

5(221). *Florideophyceae* [⁵*Palmaria*]

¹⁴²Incl. *Picophagus*, *Synchroma*, *Leukarachnion*, *Paraphysomonas*.

¹⁴³Incl. *Olisthodiscus* sed.m.

¹⁴⁴Incl. *Chrysoparadoxa*, *Schizocladia*, Phaeothamniales, Aurearenophyceae, Chrysomerophyceae.

¹⁴⁵Incl. Pavlovophyceae.

¹⁴⁶Incl. ‘OM270’.

¹⁴⁷Incl. Pterocystida, Panacanthocystida.

¹⁴⁸Incl. *Hemimastix*, *Stereonema*, *Paramastix* sed.m.

¹⁴⁹Incl. *Goniomonas*.

¹⁵⁰Incl. *Heliomorpha*.

¹⁵¹Incl. Stylonematophyceae, Porphyridiophyceae, Compsogonophyceae.

Phylum 37. GLAUCOPHYTA [⁶*Glaucocystis*]

Classis 1(222). *Glaucophyceae* [⁵*Glaucocystis*]

Phylum 38. CHLOROPHYTA [⁶*Volvox*]* s.a.

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

Classis 1(223). *Prasinococcophyceae* [⁵*Prasinococcus*]¹⁵²

2(224). *Pyraminomonadophyceae* [⁵*Pyraminomonas*]

3(225). *Mamiellophyceae* [⁵*Mamiella*]

4(226). *Nephroselmidophyceae* [⁵*Nephroselmis*]¹⁵³

5(227). *Chloropicophyceae* [⁵*Chloropicon*]¹⁵⁴

6(228). *Pedinophyceae* [⁵*Pedinomonas*]

7(229). *Chlorodendrophyceae* [⁵*Tetraselmis*]¹⁵⁵

8(230). *Chlorellophyceae* [⁵*Chlorella*]

9(231). *Trebouxiophyceae* [⁵*Trebouxia*]¹⁵⁶

10(232). *Chlorophyceae* [⁵*Volvox*]

11(233). *Ulvophyceae* [⁵*Ulva*]

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

Classis 12(234). *Streptofilophyceae* [⁵*Streptofilum*]

13(235). *Mesostigmatophyceae* [⁵*Mesostigma*]¹⁵⁷

14(236). *Charophyceae* [⁵*Chara*]*¹⁵⁸

Regnum Vegetabilia [⁷*Magnolia*]

Phylum 39. BRYOPHYTA [⁶*Bryum*]

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

Classis 1(237). *Haplomitriopsida* [⁵*Haplomitrium*]¹⁵⁹

2(238). *Marchantiopsida* [⁵*Marchantia*]¹⁶⁰

3(239). *Jungermanniopsida* [⁵*Jungermannia*]¹⁶¹

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

Classis 4(240). *Takakiopsida* [⁵*Takakia*]

5(241). *Sphagnopsida* [⁵*Sphagnum*]

6(242). *Andreaeopsida* [⁵*Andreaea*]¹⁶²

¹⁵²Incl. *Prasinoderma*, Palmophyllales, (*Palmophyllum*, *Verdigellas*).

¹⁵³Incl. Pseudoscourfeldiales (*Pycnococcus*)

¹⁵⁴*Picocystis* sed.m.

¹⁵⁵Incl. *Scherffelia*, *Oltmannsielliopsis* sed.m.

¹⁵⁶Incl. *Geminella*, *Helicosporidium*, *Prasiola*.

¹⁵⁷Incl. *Chlorokybus*, *Spirotaenia*.

¹⁵⁸= = Phragmoplastophyta, incl. Klebsormidiophyceae, Conjugatophyceae.

¹⁵⁹Incl. Treubiales.

¹⁶⁰Incl. Blasiales, Sphaerocarpales, Monocleales.

¹⁶¹Incl. Pelliales, Fossombroniales, Pallaviciniales.

¹⁶²Incl. *Andreaebryum* stat.m.i.

- 7(243). *Polytrichopsida* [⁵*Polytrichum*]*¹⁶³
8(244). *Bryopsida* [⁵*Bryum*]¹⁶⁴

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

- Classis 9(245). *Anthocerotopsida* [⁵*Anthoceros*]¹⁶⁵

Phylum 40. PTERIDOPHYTA [⁶*Pteris*]*

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

- Classis 1(246). *Lycopodiopsida* [⁵*Lycopodium*]¹⁶⁶

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

- Classis 2(247). *Equisetopsida* [⁵*Equisetum*]

- 3(248). *Psilotopsida* [⁵*Psilotum*]

- 4(249). *Ophioglossopsida* [⁵*Ophioglossum*]

- 5(250). *Marattiopsida* [⁵*Marattia*]

- 6(251). *Pteridopsida* [⁵*Pteris*]

Phylum 41. SPERMATOPHYTA [⁶*Magnolia*] s.a.

- Classis 1(252). *Ginkgoopsida* [⁵*Ginkgo*]

- 2(253). *Cycadopsida* [⁵*Cycas*]

- 3(254). *Angiospermae* [⁵*Magnolia*]

- 4(255). *Gnetopsida* [⁵*Gnetum*] stat.m.

- 5(256). *Pinopsida* [⁵*Pinus*]¹⁶⁷

Regnum Animalia [⁷*Araneus*]¹⁶⁸

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

Phylum 42. PORIFERA [⁶*Spongia*]

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

- Classis 1(257). *Hexactinellea* [⁵*Euplectella*]

- 2(258). *Demospongia* [⁵*Spongia*] s.aggr.

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

- Classis 3(259). *Calcarea* [⁵*Sycetta*]

- 4(260). *Homoscleromorpha* [⁵*Oscarella*]

¹⁶³Incl. Tetraperidales i.s., Oedipodiales stat.m.

¹⁶⁴Incl. Buxbaumiales sed.m., Diphysciales sed.m., Timmiales.

¹⁶⁵Incl. Leiosporocerotales.

¹⁶⁶Incl. Isoëtopsida stat.m.

¹⁶⁷Incl. Cupressopsida.

¹⁶⁸Incl. *Salinella* i.s.

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

Phylum 43. CTENOPHORA [⁶*Ctenoplana*]

Classis 1(261). *Ctenophoroidea* [⁵*Ctenoplana*]¹⁶⁹

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

Phylum 44. PLACOZOA [⁶*Trichoplax*]

Classis 1(262). *Trichoplacoidea* [⁵*Trichoplax*]

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

Phylum 45. ANTHOZOA [⁶*Actinia*]

Classis 1(263). *Ceriantharia* [⁵*Cerianthus*]

2(264). *Hexacorallia* [⁵*Actinia*]

3(265). *Octocorallia* [⁵*Alcyonium*]

Phylum 46. MEDUSOZOA [⁶*Hydra*]

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

Classis 1(266). *Coronatae* [⁵*Linuche*]

2(267). *Staurozoa* [⁵*Lucernaria*]

3(268). *Cubozoa* [⁵*Carybdea*]

4(269). *Scyphozoa* [⁵*Aurelia*]

5(270). *Hydrozoa* [⁵*Hydra*]

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

Classis 6(271). *Polypodiozoa* [⁵*Polypodium*]

7(272). *Malacosporea* [⁵*Tetracapsula*]¹⁷⁰

8(273). *Myxosporea* [⁵*Myxidium*]¹⁷¹

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

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

Phylum 47. ACOELOMORPHA [⁶*Convoluta*]

Classis 1(274). *Acoela* [⁵*Convoluta*]

2(275). *Nemertodermatida* [⁵*Nemertoderma*]

3(276). *Xenoturbelloidea* [⁵*Xenoturbella*]

Infraregnum *Deuterostomia* [^{6,5}*Felis*]

Phylum 48. ECHINODERMATA [⁶*Echinus*]

Classis 1(277). *Crinoidea* [⁵*Metacrinus*]

¹⁶⁹Incl. Tentaculifera, Nuda.

¹⁷⁰= *Tetracapsula*, *Buddenbrockia*.

¹⁷¹= Actinomyxidia.

- 2(278). *Asteroidea* [⁵*Asterias*]¹⁷²
- 3(279). *Echinoidea* [⁵*Echinus*]
- 4(280). *Ophiuroidea* [⁵*Ophiura*]
- 5(281). *Holothurioidea* [⁵*Holothuria*]

Phylum 49. HEMICHORDATA [⁶*Balanoglossus*]

- Classis 1(282). *Enteropneusta* [⁵*Balanoglossus*]*¹⁷³
- 2(283). *Pterobranchia* [⁵*Rhabdopleura*]

Phylum 50. CEPHALOCHORDATA [⁶*Branchiostoma*]

- Classis 1(284). *Leptocardii* [⁵*Branchiostoma*]

Phylum 51. VERTEBRATA [⁶*Felis*]

- Classis 1(285). *Cyclostomata* [⁵*Myxine*]
- 2(286). *Chondrichthyes* [⁵*Squalus*]
- 3(287). *Actinopterygii* [⁵*Perca*]
- 4(288). *Dipnoi* [⁵*Protopterus*]¹⁷⁴
- 5(289). *Amphibia* [⁵*Rana*]
- 6(290). *Reptilia* [⁵*Gecko*]*
- 7(291). *Aves* [⁵*Gallus*]¹⁷⁵
- 8(292). *Mammalia* [⁵*Felis*]

Phylum 52. TUNICATA [⁶*Ascidia*]

- Classis 1(293). *Larvacea* [⁵*Oikopleura*]
- 2(294). *Ascidacea* [⁵*Ascidia*]¹⁷⁶

Infraregnum Protostomia [^{6.5}*Araneus*]

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

Phylum 53. CHAETOGNATHA [⁶*Sagitta*]

- Classis 1(295). *Sagittoidea* [⁵*Sagitta*]

Phylum 54. PLATYZOA [⁶*Fasciola*] s.a.

Subphylum *Gnathifera* [^{5.8}*Rotifer*]

- Classis 1(296). *Gnathostomulida* [⁵*Gnathostomula*]¹⁷⁷
- 2(297). *Micrognathozoa* [⁵*Limnognathia*] sed.m.
- 3(298). *Syndermata* [⁵*Rotifer*]¹⁷⁸

¹⁷²Incl. *Xyloplax*.

¹⁷³Incl. *Planctosphaera*.

¹⁷⁴Incl. *Latimeria*.

¹⁷⁵Incl. Dinosauromorpha.

¹⁷⁶Incl. Thaliacea, Sorberacea.

¹⁷⁷Incl. Filospemoidea, Bursovaginoidea.

¹⁷⁸Incl. *Seison*, Bdelloidea, Acanthocephala s.l., Monogononta.

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

Classis 4(299). *Gastrotrichoidea* [⁵*Macrodasys*]

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

Classis 5(300). *Dicyemida* [⁵*Dicyema*]

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

Classis 6(301). *Catenulida* [⁵*Catenula*]

7(302). *Rhabditophora* [⁵*Planaria*]^{*179}

8(303). *Neodermata* [⁵*Fasciola*]¹⁸⁰

Phylum 55. MOLLUSCA [⁶*Limax*]

Classis 1(304). *Aplacophora* [⁵*Neomenia*]¹⁸¹

2(305). *Polyplacophora* [⁵*Chiton*]

3(306). *Monoplacophora* [⁵*Monoplacophorus*]

4(307). *Cephalopoda* [⁵*Octopus*]

5(308). *Bivalvia* [⁵*Mytilus*]

6(309). *Scaphopoda* [⁵*Dentalium*]

7(310). *Gastropoda* [⁵*Limax*]

Phylum 56. LOPHOPHORATA [⁶*Lingula*] stat.m.

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

Classis 1(311). *Linguliformea* [⁵*Lingula*]

2(312). *Craniiformea* [⁵*Craniscus*]

3(313). *Rhynchonelliformea* [⁵*Rhynchonella*]

4(314). *Phoronida* [⁵*Phoronis*]

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

Classis 5(315). *Phylactolaemata* [⁵*Plumatella*]

6(316). *Gymnolaemata* [⁵*Flustra*]¹⁸²

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

Classis 7(317). *Cycliophora* [⁵*Symbion*]

8(318). *Entoprocta* [⁵*Pedicellina*]

Phylum 57. NEMERTEA [⁶*Nemertes*]

Classis 1(319). *Archynchocoela* [⁵*Archynchonemertes*]

2(320). *Nemertini* [⁵*Nemertes*]¹⁸³

Phylum 58. ANNELIDA [⁶*Nereis*]

Classis 1(321). *Euannelida* [⁵*Nereis*]^{*184}

¹⁷⁹Incl. Macrostomida, Polycladida, Neoophora s.s.

¹⁸⁰Incl. Monogenea, Trematoda, Cestoda.

¹⁸¹Incl. Caudofoveata.

¹⁸²Incl. Stenolaemata.

¹⁸³Incl. Anopla, Enopla.

¹⁸⁴Incl. Amphinomidae, Chaetopteridae, Echiura, Oweniidae, Magelonidae, Sibolginida, *Diurodrilus*, *Jennaria*, *Lobatocerebrum*.

- 2(322). *Sipunculida* [⁵*Sipunculus*]
 3(323). *Myzostomida* [⁵*Myzostoma*]
 4(324). *Orthonectida* [⁵*Rhopalura*]
 5(325). *Clitellata* [⁵*Limbricus*]¹⁸⁵

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

Phylum 59. NEMATHELMINTHES [⁶*Ascaris*] s.a.

- Classis 1(326). *Priapulida* [⁵*Priapulidus*]
 2(327). *Kinorhyncha* [⁵*Kinorhynchus*]
 3(328). *Nematomorpha* [⁵*Gordius*]
 4(329). *Nematoda* [⁵*Ascaris*]¹⁸⁶
 5(330). *Loricifera* [⁵*Nanaloricus*]

Phylum 60. ARTHROPODA [⁶*Araneus*] s.a.

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

- Classis 1(331). *Onychophora* [⁵*Peripatus*]

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

- Classis 2(332). *Tardigradoidea* [⁵*Macrobiotus*]¹⁸⁷

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

- Classis 3(333). *Pantopoda* [⁵*Pycnogonum*]
 4(334). *Chelicerata* [⁵*Araneus*]¹⁸⁸

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

- Classis 5(335). *Chilopoda* [⁵*Scolopendra*]
 6(336). *Symphyla* [⁵*Symphylella*]
 7(337). *Pauropoda* [⁵*Pauropus*]
 8(338). *Diplopoda* [⁵*Julus*]

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

- Classis 9(339). *Oligostraca* [⁵*Argulus*] s.a., stat.m.¹⁸⁹
 10(340). *Ostracoda* [⁵*Cypris*]
 11(341). *Thecostraca* [⁵*Lepax*]¹⁹⁰
 12(342). *Copepodoidea* [⁵*Cyclops*]
 13(343). *Malacostraca* [⁵*Cancer*]¹⁹¹
 14(344). *Cephalocarida* [⁵*Hutchinsoniella*]
 15(345). *Branchiopoda* [⁵*Daphnia*]
 16(346). *Remipedia* [⁵*Speleonectes*]

¹⁸⁵Incl. Aelosomata, Hirudinea.

¹⁸⁶Incl. Adenophorea, Secernentea.

¹⁸⁷Incl. Mesotardigrada nomen dubium, Heterotardigrada, Eutardigrada, Apotargigrada.

¹⁸⁸Incl. Xiphosura.

¹⁸⁹Incl. Branchiura, Pentastomida sed.m., Mystacocarida sed.m.

¹⁹⁰Incl. Tantulocarida, Facetotecta, Ascothoracida.

¹⁹¹Incl. Leptostraca.

17(347). *Hexapoda* [⁵*Scarabaeus*] s.a.¹⁹²

¹⁹²Incl. Entognatha.