

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*]

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

Phylum 2. ELUSIMICROBIA [⁶*Elusimicrobium*]³

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

2(3). *Goldbacteria* [⁵*Cellulosimonas*]

3(4). *Aerophobetes* [⁵*Aerophobus*]⁵

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

Phylum 3. PLANCTOBACTERIA [⁶*Planctomyces*]⁷

Classis 1(6). *Poribacteria* [⁵*Poribacter*']

2(7). *Planctomycetia* [⁵*Planctomyces*]⁸

3(8). *Lentisphaeria* [⁵*Lentisphaera*]⁹

4(9). *Verrucomicrobiia* [⁵*Verrucomicrobium*]¹⁰

5(10). *Kiritimatiellaota* [⁵*Kiritimatiella*]

*Only recent taxa of undeniable living things are included. Abbreviations and signs: sed.m. (*sedis mutabilis*); stat.m. (*status mutabilis*); i.s. (*incertae sedis*); s.s. (*sensu stricto*); s.a. (*sensu amplo*); incl. (*inclusum*); n.prop. (*nomina proposita*); excl. (*exclusum*); p.p. (*pro parte*); 'single quotes' (non-standard names); * (paraphyletic).

¹Incl. 'Nanobacteria' i.s. et dubitativa.

²Incl. *Leptospira*

³Incl. 'Firestonebacteria', 'Desantisbacteria'

⁴= 'Endomicrobia', 'TG1'

⁵= 'CD12'

⁶= 'NKB19'

⁷= 'PVC'

⁸Incl. Phycisphaerae

⁹Incl. *Oligosphaera*

¹⁰Incl. Opitutia, Spartobacteria

- 6(11). *Omnitrophica* [⁵*Omnitrophus*]¹¹
 7(12). *Chlamydia* [⁵*Chlamydia*]

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

- Classis 1(13). *Cloacimonetes* [⁵*Cloacimonas*]¹³
 2(14). *Fibrobacteria* [⁵*Fibrobacter*]¹⁴
 3(15). *Gemmatimonadetes* [⁵*Gemmatimonas*]¹⁵
 4(16). *Calditrichaeota* [⁵*Caldithrix*]
 5(17). *Latescibacteria* [⁵*Latescibacter*]¹⁶
 6(18). *Bacteroidia* [⁵*Bacteroides*]¹⁷
 7(19). *Rhodothermaeota* [⁵*Salinibacter*]¹⁸
 8(20). *Ignavibacteria* [⁵*Ignavibacterium*]¹⁹
 9(21). *Chlorobia* [⁵*Chlorobium*]
 10(22). *Marinimicrobia* [⁵*Marinimicrobium*]²⁰

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

- Classis 1(23). *Aquificae* [⁵*Aquifex*]²²
 2(24). *Epsilonproteobacteria* [⁵*Campylobacter*]
 3(25). *Deferribacteres* [⁵*Deferribacter*]
 4(26). *Calescamantes* [⁵*Calescibacterium*]²³
 5(27). *Chrysiogenetes* [⁵*Chrysiogenes*]
 6(28). *Acidobacteria* [⁵*Acidobacterium*]²⁴
 7(29). *Nitrospira* [⁵*Nitrospira*]²⁵
 8(30). *Aminicenantes* [⁵*Aminicenans*]²⁶
 9(31). *Sumerlaeota* [⁵*Sumerlaea*]²⁷

¹¹= ‘OP3’

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

¹³= ‘WWE1’

¹⁴Incl. ‘TG3’

¹⁵Incl. *Longimicrobium*

¹⁶= ‘WS3’, incl. ‘SAUL’ stat.m.

¹⁷Incl. Flavobacteria, Sphingobacteria, Cytophagia Saprospira, Chitinophagia

¹⁸Incl. Balneolaeota

¹⁹Incl. ‘OPB56’, Kryptonita

²⁰= ‘SAR406’

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

²²Incl. Hydrogenothermaceae, Thermodesulfobacteriaceae, *Thermosulfidibacter*, Desulfurobacteriaceae

²³= ‘EM19’

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

²⁵Incl. Nitrospinae

²⁶= ‘OP8’

²⁷= ‘BRC1’

- 10(32). *Desulfobacteria* [⁵*Desulfobacter*] s.a.²⁸
 11(33). *Dependentiae* [⁵*Babela*]²⁹
 12(34). *Methylomirabilia* [⁵*Methylomirabilis*]³⁰
 13(35). *Rhodobacteria* [⁵*Rhodospirillum*] s.a.³¹

Superphylum *Terrabacteria* [^{6,2}*Bacillus*] s.a.

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

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

Phylum 7. ACTINOMYCETIA [⁶*Actinomyces*]

- Classis 1(49). *Actinobacteria* [⁵*Actinomyces*]⁴¹

Phylum 8. CYANOBACTERIA [⁶*Nostoc*]

- Classis 1(50). *Melainabacteria* [⁵*Obscuribacter*]⁴²
 2(51). *Gloeobacteria* [⁵*Gloeobacter*]⁴³
 3(52). *Oscillatorineae* [⁵*Oscillatoria*]* s.a.⁴⁴

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

²⁹= 'TM6'

³⁰= 'NC10'

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

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

³³Incl. Haloanaerobia, Thermolithobacteria stat.m., Symbiobacteria, Tissierella, Selenomonadia (Negativicutes)

³⁴Incl. Erysipelotrichi, Heliobacteria

³⁵= Tenericutes, incl. *Lumbricincola*

³⁶= 'OP5', incl. Cryoserica

³⁷Incl. Deinococcia

³⁸= 'OP9', 'JS1'

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

⁴⁰= 'OctSpa1-106'

⁴¹Incl. Coriobacteriia, Rubrobacteria, Thermoleophilia, Nitriliruptoria, Acidimicrobia

⁴²Incl. Vampirovibrionia, Sericytochromatia, 'Saganbacteria', 'Margulisbacteria'

⁴³*Gloeobacter* corresponds with *Aphanothece*

⁴⁴Incl. *Gloeomargarita*, Synechococcineae, Prochlorophyceae, *Acaryochloris*

4(53). *Nostocineae* [⁵*Nostoc*]

Phylum 9. ARMATIMONADETES [⁶*Armatimonas*]⁴⁵

Classis 1(54). *Armatimonadia* [⁵*Armatimonas*]⁴⁶

2(55). *Fimbriimonadia* [⁵*Fimbriomonas*]

Phylum 10. CHLOROFLEXES [⁶*Chloroflexus*]⁴⁷

Classis 1(56). *Chloroflexi* [⁵*Chloroflexus*]

2(57). *Thermomicrobia* [⁵*Thermomicrobium*]⁴⁸

3(58). *Dehalococcoidia* [⁵*Dehalococcoides*]⁴⁹

4(59). *Ktedonobacteria* [⁵*Ktedonobacter*]

5(60). *Caldilinea* [⁵*Caldilinea*]⁵⁰

Superphylum *Patescibacteria* [^{6.2}*Paceibacter*]⁵¹

Phylum 11. MICROGENOMATES [⁶*Microgenomatus*]⁵²

Phylum 12. PARCUBACTERIA [⁶*Paceibacter*]⁵³

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

Phylum 13. NANOARCHAEOTA [⁶*Nanoarchaeum*]⁵⁴

Classis 1(61). *Microarchaea* [⁵*Micrarchaeum*]⁵⁵

2(62). *Aenigmarcheota* [⁵*Aenigmarchaeum*]

3(63). *Nanohaloarchaea* [⁵*Nanosalinarum*]

4(64). *Parvarchaea* [⁵*Parvarchaeum*]

⁴⁵Incl. Palusbacteriales stat.m., *Abtittibacterium* stat.m.

⁴⁶= ‘OP10’, incl. Chthonomonadetes

⁴⁷Incl. ‘Umbricyclopsia’ (‘TK10’), ‘Limnocyndria’ (‘SL56’)

⁴⁸Incl. *Thermobaculum*, *Sphaerobacter*

⁴⁹Incl. *Dehalobium*, *Dehalogenimonas*

⁵⁰Incl. Caldilineae, Thermoflexia, Ardentcatenia

⁵¹= ‘Candidate Phyla Radiation’, ‘CPR’

⁵²= ‘OP11’, incl. ‘Amesbacteria’, ‘Beckwithbacteria’, ‘Blackburnbacteria’, ‘Chisholmbacteria’, ‘Collierbacteria’, ‘CPR1’, ‘CPR2’, ‘CPR3’, ‘Curtissbacteria’, ‘Daviesbacteria’, ‘Dojkbacteria’ (‘WS6’), ‘Gottesmanbacteria’, ‘Katanobacteria’, ‘Levybacteria’, ‘Pacebacteria’, ‘Roizmanbacteria’, ‘Shapirobacteria’, ‘Wirthbacteria’, ‘Woesebacteria’, ‘Woykebacteria’, ‘WWE3’

⁵³= ‘OD1’, incl. ‘Abawacabacteria’, ‘Absconditabacteria’ (‘SR1’), ‘Adlerbacteria’, ‘Andersenbacteria’, ‘Andersenbacteria’, ‘Azambacteria’, ‘Berkelbacteria’, ‘Brennerbacteria’, ‘Brownbacteria’, ‘Buchananbacteria’, ‘Campbellbacteria’, ‘Colwellbacteria’, ‘Doudnabacteria’, ‘Falkowbacteria’, ‘Giovannonibacteria’, ‘Gracilibacteria’ (‘BD1-5’, ‘GN02’), ‘Harrisonbacteria’, ‘Hugbacteria’, ‘Jacksonbacteria’, ‘Jorgensenbacteria’, ‘Kaiserbacteria’, ‘Kerfeldbacteria’, ‘Komeilibacteria’, ‘Kuenenbacteria’, ‘Liptonbacteria’, ‘Lloydbacteria’, ‘Magasanikbacteria’, ‘Moranbacteria’, ‘Nealsonbacteria’, ‘Niyogibacteria’, ‘Nomurabacteria’, ‘Peregrinibacteria’, ‘Peribacteria’, ‘Portnoybacteria’, ‘Ryanbacteria’, ‘Saccharibacteria’ (‘TM7’), ‘SM2F11’, ‘Spechtbacteria’, ‘Staskawiczbacteria’, ‘Sungbacteria’, ‘Tagabacteria’, ‘Taylorbacteria’, ‘Terrybacteria’, ‘Urbacteria’, ‘Veblenbacteria’, ‘Verblenbacteria’, ‘Vogelbacteria’, ‘Wildermuthbacteria’, ‘Wolfbacteria’, ‘Yanofskybacteria’, ‘Yonathbacteria’, ‘Zambryskibacteria’

⁵⁴= ‘DPANN’, incl. ‘Woesearchaeota’, ‘Pacearchaeota’

⁵⁵= Diapherotrites

5(65). *Nanoarchaea* [⁵*Nanoarchaeum*]

Phylum 14. EURYARCHAEOTA [⁶*Methanobacterium*]⁵⁶

Classis 1(66). *Thermococci* [⁵*Thermococcus*]

2(67). *Methanobacteria* [⁵*Methanobacterium*] s.a.⁵⁷

3(68). *Thermoplasmata* [⁵*Thermoplasma*]

4(69). *Archaeoglobi* [⁵*Archaeoglobus*]

5(70). *Halobacterota* [⁵*Halobacterium*]⁵⁸

Phylum 15. FILARCHAEOTA [⁶*Sulfolobus*]*⁵⁹

Classis 1(71). *Cenarchaea* [⁵*Cenarchaeum*]⁶⁰

2(72). *Crenarchaea* [⁵*Sulfolobus*]⁶¹

3(73). *Korarchaea* [⁵*Korarchaeum*]

Phylum 16. ASGARDARCHAEOTA [⁶*Lokiarchaeum*]⁶²

Classis 1(74). *Lokiarchaea* [⁵*Lokiarchaeum*]⁶³

Regnum Protista [⁷*Euglena*]*⁶⁴

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

Phylum 17. METAMONADA [⁶*Trichomonas*] s.a.

Classis 1(75). *Anaeromonadea* [⁵*Oxymonas*]⁶⁵

2(76). *Parabasalea* [⁵*Trichomonas*]⁶⁶

3(77). *Eopharyngea* [⁵*Hexamita*]⁶⁷

Phylum 18. DISCOBA [⁶*Euglena*] s.a.

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

Classis 1(78). *Malawimonadea* [⁵*Malawimonas*]⁶⁸

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

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

3(80). *Jakobea* [⁵*Jakoba*]⁶⁹

⁵⁶Incl. 'Hadesarchaea' ('SAGMEG')

⁵⁷Incl. Methanobacteriales, Methanococcales stat.m., Methanopyrales sed.m.

⁵⁸Incl. Methanomicrobiales, Methanosarcinales, Halobacteriales, Methanonatronarchaeia

⁵⁹= 'TACK'

⁶⁰Incl. Thaumarcheota, Aigarcheota, 'Geoarchaeota', 'Bathyarchaeota' ('MCG')

⁶¹Incl. Desulfurococcales, Caldisphaerales, Thermoproteales, Verstraetearchaeota

⁶²Incl. 'Heimdallarchaeota'

⁶³Incl. *Prometheoarchaeum*, 'Odinarchaeota', 'Helarchaeota'. 'Thorarchaeota'

⁶⁴Incl. *Magosphaera* i.s., *Luffisphaera* i.s., *Paraluffisphaera* i.s., *Belonocystis* i.s., and many others

⁶⁵= Preaxostyla, incl. Oxymonadida, *Trimastix*, *Paratrimastix*

⁶⁶Incl. Trichomonadea

⁶⁷= Fornicata, incl. Carpediemonadida, Retortamonadida, Diplomonadida

⁶⁸Incl. *Gefionella*

⁶⁹Incl. *Andalucia*

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

Classis 4(81). *Heterolobosea* [⁵*Naegleria*]⁷⁰

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

Classis 5(82). *Euglenophyceae* [⁵*Euglena*]* s.a.⁷¹

6(83). *Postgaardea* [⁵*Postgaardi*]⁷²

7(84). *Diplosonematea* [⁵*Diplosonema*]⁷³

8(85). *Kinetoplastea* [⁵*Bodo*]

Subregnum *Panmycota* [^{6,8}*Agaricus*]* n.prop.

Phylum 19. SULCOZOA [⁶*Apusomonas*] s.a.

Classis 1(86). *Ancyromonadea* [⁵*Ancyromonas*] sed.m.⁷⁴

2(87). *Mantamonadea* [⁵*Mantamonas*]

3(88). *Hilomonadea* [⁵*Micronuclearia*] sed.m.⁷⁵

4(89). *Anisomonadea* [⁵*Collodictyon*] sed.m.⁷⁶

5(90). *Apusomonadea* [⁵*Apusomonas*]

6(91). *Breviatea* [⁵*Breviata*]⁷⁷

Phylum 20. AMOEBOZOA [⁶*Amoeba*]⁷⁸

Classis 1(92). *Cutosea* [⁵*Squamamoeba*]⁷⁹

2(93). *Mycetozoa* [⁵*Physarum*]⁸⁰

3(94). *Variosea* [⁵*Filamoeba*]⁸¹

4(95). *Archamoebae* [⁵*Mastigamoeba*]⁸²

5(96). *Tubulinea* [⁵*Amoeba*]⁸³

6(97). *Discosea* [⁵*Acanthamoeba*]⁸⁴

Phylum 21. OPISTHOSPORIDIA [⁶*Rozella*]*⁸⁵

Classis 1(98). *Cristidiscoidea* [⁵*Nuclearia*]⁸⁶

⁷⁰Incl. *Acrasis*, *Percolomonas*, *Pharyngomonas*, *Stephanopogon*

⁷¹Incl. Entosiphonea, Stavomonadea, Ploeotarea, Peranemea

⁷²= Symbiontida

⁷³= Diplonemea

⁷⁴= Planomonadea, incl. *Anaeramoeba*, *Discocelia* sed.m.

⁷⁵Incl. *Micronuclearia*, *Rigifila*

⁷⁶Incl. ‘*Diphylleia*’ (valid in ICZN only), *Collodictyon*, *Sulcomonas*

⁷⁷Incl. *Lenisia*, *Subulatomonas*, *Pygsuia*

⁷⁸Incl. *Corallomyxa* i.s.

⁷⁹Incl. *Saprocribum*, *Armaparvus*

⁸⁰Incl. *Ceratiomyxa*, *Dictyostelia*, *Myxogastria*, *Protostelia* p.p., *Semimorula*

⁸¹Incl. *Protostelia* p.p., *Acramoeba*, *Artodiscus*, *Ceratiomyxella*, *Filamoeba*, *Flamella*, *Multicilia*,

Phalansterium

⁸²Incl. *Entamoeba*, *Rhizomastix*

⁸³Incl. *Corycida*, *Copromyxa*

⁸⁴Incl. *Dermamoebida*

⁸⁵Incl. ‘Basal Clone Group 2’

⁸⁶Incl. *Fonticula*, *Parvularia*

- 2(99). *Cryptomycetes* [⁵*Rozella*]⁸⁷
 3(100). *Microsporea* [⁵*Microsporidium*]⁸⁸
 4(101). *Aphelidea* [⁵*Aphelidium*]

Phylum 22. EOMYCOTA [⁶*Mucor*]* n.prop., s.a.⁸⁹

- Classis 1(102). *Blastocladiomycetes* [⁵*Blastocladium*]
 2(103). *Chytridiomycetes* [⁵*Chytridiopsis*]⁹⁰
 3(104). *Nephridiophagida* [⁵*Nephridiophaga*] stat.m.
 4(105). *Olpidiomycetes* [⁵*Olpidium*]⁹¹
 5(106). *Kickxellomycetes* [⁵*Kickxella*]⁹²
 6(107). *Mucoromycetes* [⁵*Mucor*]*⁹³
 7(108). *Sanchytriomycetes* [⁵*Sanchytrium*]⁹⁴
 8(109). *Glomeromycetes* [⁵*Glomus*]⁹⁵

Phylum 23. BASIDIOMYCOTA [⁶*Agaricus*]

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

- Classis 1(110). *Entorrhizomycetes* [⁵*Entorrhiza*]

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

- Classis 2(111). *Exobasidiomycetes* [⁵*Exobasidium*]
 3(112). *Ustilaginomycetes* [⁵*Ustilago*]
 4(113). *Moniliellomycetes* [⁵*Moniliella*]
 5(114). *Malasseziomycetes* [⁵*Malassezia*]

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

- Classis 6(115). *Tritirachiomycetes* [⁵*Tritirachium*]
 7(116). *Agaricostilbomycetes* [⁵*Agaricostilbum*]
 8(117). *Spiculogloeomycetes* [⁵*Spiculogloea*]
 9(118). *Pucciniomycetes* [⁵*Uredo*]
 10(119). *Classiculomycetes* [⁵*Classicula*]
 11(120). *Atractiellomycetes* [⁵*Atractiella*]
 12(121). *Cystobasidiomycetes* [⁵*Cystobasidium*]
 13(122). *Microbotryomycetes* [⁵*Microbotryum*]⁹⁶
 14(123). *Mixiomycetes* [⁵*Mixia*]

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

- Classis 15(124). *Bartheletiomycetes* [⁵*Bartheletia*] sed.m.

⁸⁷Incl. 'NCLC1'

⁸⁸Incl. *Nucleophaga*, *Chytridiopsis*, Metchnikovellidae

⁸⁹Incl. 'Basal Clone Group 1'

⁹⁰Incl. Monoblepharidales, Neocallimastigales, Hyaloraphidiomycetes, *Thalassochytrium*

⁹¹Incl. *Caulochytrium* i.s.

⁹²Incl. Asellariales, Basidiobolales, Entomophthorales, Harpellales, Neozygitales, Zoopagales, Orphellales

⁹³Incl. Endogonales, Mortierellales, Calcarisporiellomycota

⁹⁴Incl. *Amoeboradix*

⁹⁵Incl. Glomeromycetes, Archaeosporomycetes, Paraglomeromycetes

⁹⁶Incl. Cryptomycocolacales sed.m.

16(125). *Wallemiomycetes* [⁵*Wallemia*]⁹⁷

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

Classis 17(126). *Tremellomycetes* [⁵*Tremella*]

18(127). *Dacrymycetes* [⁵*Dacrymyces*]

19(128). *Agaricomycetes* [⁵*Agaricus*]

Phylum 24. ASCOMYCOTA [⁶*Ascomyces*]⁹⁸

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

Classis 1(129). *Neoelectomycetes* [⁵*Neoelecta*]

2(130). *Taphrinomycetes* [⁵*Ascomyces*]⁹⁹

3(131). *Archaeorhizomycetes* [⁵*Archaeorhizomyces*]

4(132). *Saccharomycetes* [⁵*Saccaromyces*]

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

Classis 5(133). *Pezizomycetes* [⁵*Tuber*]

6(134). *Orbiliomycetes* [⁵*Orbilina*]

7(135). *Xylonomycetes* [⁵*Xylona*]

8(136). *Dothideomycetes* [⁵*Dothidea*]¹⁰⁰

9(137). *Leotiomyces* [⁵*Leotia*]¹⁰¹

10(138). *Laboulbeniomycetes* [⁵*Laboulbenia*]

11(139). *Sordariomycetes* [⁵*Sordaria*]

12(140). *Geoglossomycetes* [⁵*Geoglossum*]

13(141). *Lichinomycetes* [⁵*Lichina*]¹⁰²

14(142). *Eurotiomycetes* [⁵*Penicillium*]¹⁰³

15(143). *Lecanoromycetes* [⁵*Lecanora*]¹⁰⁴

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

Classis 1(144). *Ichthyosporea* [⁵*Ichthyophonus*]¹⁰⁵

2(145). *Pluriformea* [⁵*Corallochytrium*]¹⁰⁶

3(146). *Filasterea* [⁵*Capsaspora*]¹⁰⁷

4(147). *Choanomonadea* [⁵*Codosiga*]

⁹⁷Incl. *Basidioascus*, *Geminibasidium*, *Chernovia*

⁹⁸Incl. *Spirogyromyces* i.s.

⁹⁹Incl. *Saitoella*, Schizosaccharomycetes, *Pneumocystis*

¹⁰⁰Incl. Arthoniales stat.m., Symbiotaphrinales sed.m.

¹⁰¹Incl. *Trizobia*

¹⁰²Incl. Coniocybomycetes, Candelariomycetes stat.m.

¹⁰³Incl. Xylobotryomycetes stat.m.

¹⁰⁴Incl. Candelariales sed.m.

¹⁰⁵Incl. *Amoebidium*, Eccrinales

¹⁰⁶Incl. *Syssomonas*

¹⁰⁷Incl. *Ministeria*, *Pigoraptor*

Subregnum *Panalgae* [^{6.8}*Fucus*] n.prop.

Infraregnum Chromobionta [^{6.5}*Fucus*] s.a.¹⁰⁸

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

Phylum 26. RHIZARIA [⁶*Cercomonas*] s.a.¹⁰⁹

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

Classis 1(148). *Ventrifilosea* [⁵*Coelodendrum*]* s.a.¹¹⁰

2(149). *Sarcomonadea* [⁵*Cercomonas*] s.a.¹¹¹

3(150). *Granofilosea* [⁵*Heliomorpha*]¹¹²

4(151). *Metromonadea* [⁵*Metromonas*] s.a.¹¹³

5(152). *Chlorarachniophyceae* [⁵*Chlorarachnion*]¹¹⁴

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

Classis 6(153). *Skiomonadea* [⁵*Tremula*]¹¹⁵

7(154). *Proteomyxidea* [⁵*Filoreta*]*¹¹⁶

8(155). *Plasmodiophorea* [⁵*Plasmodiophora*]¹¹⁷

9(156). *Gromiidea* [⁵*Gromia*]

10(157). *Ascetosporea* [⁵*Haplosporidium*]¹¹⁸

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

Classis 11(158). *Taxopodida* [⁵*Sticholonche*]¹¹⁹

12(159). *Polycystinea* [⁵*Collosphaera*]*

13(160). *Acantharia* [⁵*Acanthometra*]

14(161). *Monothalamea* [⁵*Allogromia*]¹²⁰

15(162). *Tubothalamea* [⁵*Miliolina*]

16(163). *Globothalamea* [⁵*Rotalia*]

¹⁰⁸= 'Sar'

¹⁰⁹Incl. *Meteora* i.s.

¹¹⁰Incl. Phaeodarea, Ebrriida, Cryomonadida, Spongomonadidae, Thaumatomonadidae, Euglyphida, *Kraken*, Rotosphaerida, *Pompholyxophrys*, *Mataza*, Chlamydephryidae

¹¹¹Incl. Cercomonadida, Pansomonadida, Glissomonadida, Viridiraptoridae, Sinauroidea

¹¹²Incl. *Massisteria*, Desmothoracida, Gymnosphaeridae sed.m., Heliomonadida, *Leucodictyon*, *Reticuloamoeba*

¹¹³Incl. *Metopion*

¹¹⁴Incl. *Minorisa*

¹¹⁵Incl. *Aquavolon*

¹¹⁶Incl. Biomyxidae, *Pseudospora* sed.m., Rhizoplasmidae s.a., *Reticuloamoeba* sed.m.

¹¹⁷Incl. Vampyrellidae, *Phagomyxa*

¹¹⁸Incl. Paramyxidida, *Bonamia*, *Claustrosporidium*, *Paradinium*, *Mikrocytos*

¹¹⁹Incl. *Larcopyle*

¹²⁰Incl. Xenophyophorea, Reticulomyxidae, *Komokiacea*, *Schizocladus*

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

Phylum 27. MYZOOA [⁶*Peridinium*]

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

Classis 1(164). *Colponemida* [⁵*Colponema*]¹²¹

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

Classis 2(165). *Perkinsida* [⁵*Perkinsus*]¹²²

3(166). *Squirmidea* [⁵*Filipodium*]¹²³

4(167). *Oxyrriidea* [⁵*Oxyrriis*]¹²⁴

5(168). *Syndinea* [⁵*Syndinium*]¹²⁵

6(169). *Ellobiopsea* [⁵*Ellobiopsis*]

7(170). *Dinoflagellata* [⁵*Peridinium*]¹²⁶

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

Classis 8(171). *Apicomonadea* [⁵*Colpodella*]¹²⁷

9(172). *Gregarinomorpha* [⁵*Gregarina*]¹²⁸

10(173). *Coccidiomorpha* [⁵*Plasmodium*]¹²⁹

Phylum 28. CILIOPHORA [⁶*Paramecium*]

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

Classis 1(174). *Karyorelictea* [⁵*Trachelocera*]

2(175). *Heterotrichea* [⁵*Spirostomum*]

Subphylum *Ventrata* [^{5.8}*Paramecium*]¹³⁰

Classis 3(176). *Protocruzia* [⁵*Protocruzia*] sed.m.

4(177). *Colpodea* [⁵*Colpoda*]

5(178). *Nassophorea* [⁵*Nassula*]¹³¹

6(179). *Phyllopharyngea* [⁵*Podophrya*]¹³²

7(180). *Plagiopylea* [⁵*Plagiopyla*]

8(181). *Prostomatea* [⁵*Prorodon*]

9(182). *Oligohymenophorea* [⁵*Paramecium*]

Subphylum *Spirotrichia* [^{5.8}*Oxytricha*] s.a.

Classis 10(183). *Litostomatea* [⁵*Didinium*]

¹²¹Incl. *Acavomonas*, *Palustrimonas*

¹²²Incl. *Dinovorax*, *Perkinsus*, *Parvilucifera*, *Rastrimonas*, *Snorkelia*, *Phagodinium* sed.m., Xcellidae

¹²³Incl. *Platyproteum*

¹²⁴Incl. *Colpovora*, *Psammosa*

¹²⁵Incl. 'Marine Alveolate Groups I and II', *Ichthyodinium*, *Dubosquella*

¹²⁶Incl. *Noctiluca* stat.m.

¹²⁷Incl. Chromerida, *Platyporeum*, *Piridium*

¹²⁸Incl. *Cryptosporidium*, *Selenidium*

¹²⁹Incl. *Nephromyces*, Piroplasmida

¹³⁰= 'Conthreep'; incl. Discotrichida i.s.

¹³¹Incl. Nassulina, Microthoracina

¹³²Incl. Suctoria, Synchroniida

- 11(184). *Armophorea* [⁵*Metopus*]
 12(185). *Spirotrichea* [⁵*Oxytricha*]¹³³
 13(186). *Cariacotrichea* [⁵*Cariacotrix*] sed.m.

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

Phylum 29. OPALAZOA [⁶*Opalina*]

- Classis 1(187). *Platysulcea* [⁵*Platysulcus*]
 2(188). *Opalina* [⁵*Opalina*]¹³⁴
 3(189). *Placididea* [⁵*Placidia*]¹³⁵
 4(190). *Bicoecea* [⁵*Bicosoeca*]
 5(191). *Labyrinthulea* [⁵*Labyrinthula*]¹³⁶
 6(192). *Eogyrea* [⁵*Pseudophyllomitus*]¹³⁷

Phylum 30. OOMYCOTA [⁶*Saprolegnia*]

- Classis 1(193). *Oomycetes* [⁵*Saprolegnia*]¹³⁸
 2(194). *Bigyromonadea* [⁵*Developayella*]¹³⁹

Phylum 31. CHROMOPHYTA [⁶*Fucus*]

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

- Classis 1(195). *Bacillariophyceae* [⁵*Diatoma*] s.a.
 2(196). *Bolidophyceae* [⁵*Bolidomonas*]¹⁴⁰
 3(197). *Dictyochophyceae* [⁵*Dictyocha*]¹⁴¹
 4(198). *Pelagophyceae* [⁵*Pelagomonas*]¹⁴²
 5(199). *Pinguiphyceae* [⁵*Pinguiochrysis*]

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

- Classis 6(200). *Eustigmatophyceae* [⁵*Eustigmatos*]
 7(201). *Chrysophyceae* [⁵*Chrysococcus*] s.a.¹⁴³

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

- Classis 8(202). *Actinophryida* [⁵*Actinophrys*]
 9(203). *Raphidophyceae* [⁵*Rhaphidomonas*]¹⁴⁴
 10(204). *Phaeothamniophyceae* [⁵*Phaeothamnion*]¹⁴⁵
 11(205). *Chrysoparadoxophyceae* [⁵*Chrysoparadoxa*]

¹³³Incl. *Licnophora* sed.m.

¹³⁴Incl. Proteromonadida, Blastocystea

¹³⁵Incl. *Incisomonas*, *Solenicola*, *Wobblia*, 'MAST-3'

¹³⁶Incl. Amphitremida, excl. *Labyrinthomyxa*

¹³⁷= 'MAST-4', 'MAST-6'

¹³⁸Incl. Hyphochitriomycetales

¹³⁹Incl. Pirsonea

¹⁴⁰Incl. Parmales

¹⁴¹Incl. Pedinellales, Rhizochromulinales

¹⁴²Incl. Sarcinochrysidales, *Olisthodiscus* sed.m.

¹⁴³Incl. *Picophagus*, *Synchroma*, *Leukarachnion*, *Paraphysomonas*

¹⁴⁴Incl. *Olisthodiscus* sed.m.

¹⁴⁵Incl. Aurearenophyceae

- 12(206). *Xanthophyceae* [⁵*Tribonema*] s.a.¹⁴⁶
13(207). *Phaeophyceae* [⁵*Fucus*]¹⁴⁷

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

Phylum 32. TELONEMIA [⁶*Telonema*] sed.m.

Classis 1(208). *Telonemea* [⁵*Telonema*]

Phylum 33. HELIOZOA [⁶*Prymnesium*]

Classis 1(209). *Alveida* [⁵*Ancoracysta*]

2(210). *Prymnesiophyceae* [⁵*Prymnesium*]¹⁴⁸

3(211). *Rappephyceae* [⁵'*Rappemonas*']¹⁴⁹

4(212). *Centrohelea* [⁵*Pterocystis*]¹⁵⁰

Phylum 34. HEMIMASTIGOPHORA [⁶*Spironematella*] sed.m.

Classis 1(213). *Hemimastigea* [⁵*Spironematella*]¹⁵¹

Phylum 35. CRYPTISTA [⁶*Cryptomonas*]

Classis 1(214). *Cryptophyceae* [⁵*Cryptomonas*]¹⁵²

2(215). *Leucocrypta* [⁵*Katablepharis*]

3(216). *Palpitia* [⁵*Palpitomonas*]

4(217). *Endohelea* [⁵*Microheliella*]¹⁵³

Phylum 36. RHODELPHIDIA [⁶*Rhodolphus*]

Classis 1(218). *Rhodelphea* [⁵*Rhodolphus*]

2(219). *Picomonadea* [⁵*Picomonas*] sed.m.

Phylum 37. RHODOPHYTA [⁶*Bangia*]

Classis 1(220). *Cyanidiophyceae* [⁵*Cyanidium*]

2(221). *Proteorhodophyceae* [⁵*Rhodella*]¹⁵⁴

3(222). *Bangiophyceae* [⁵*Bangia*]

4(223). *Florideophyceae* [⁵*Palmaria*]

Phylum 38. GLAUCOPHYTA [⁶*Glaucocystis*]

Classis 1(224). *Glaucophyceae* [⁵*Glaucocystis*]

¹⁴⁶Incl. Chrysomerophyceae

¹⁴⁷Incl. Schizocradiophyceae

¹⁴⁸Incl. Pavlovophyceae

¹⁴⁹Incl. 'OM270'

¹⁵⁰Incl. Pterocystida, Panacanthocystida

¹⁵¹Incl. *Hemimastix*, *Stereonema*, *Paramastix* sed.m.

¹⁵²Incl. *Goniomonas*

¹⁵³Incl. *Heliomorpha*

¹⁵⁴Incl. Stytonematophyceae, Porphyridiophyceae, Compsogonophyceae

Phylum 39. CHLOROPHYTA [⁶*Volvox*]* s.a.

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

- Classis 1(225). *Prasinococophyceae* [⁵*Prasinococcus*]¹⁵⁵
2(226). *Pyraminomonadophyceae* [⁵*Pyraminomonas*]
3(227). *Mamiellophyceae* [⁵*Mamiella*]
4(228). *Nephroselmidophyceae* [⁵*Nephroselmis*]¹⁵⁶
5(229). *Chloropicophyceae* [⁵*Chloropicon*]¹⁵⁷
6(230). *Pedinophyceae* [⁵*Pedinomonas*]
7(231). *Chlorodendrophyceae* [⁵*Tetraselmis*]
8(232). *Trebouxiophyceae* [⁵*Trebouxia*]¹⁵⁸
9(233). *Chlorophyceae* [⁵*Volvox*]
10(234). *Ulvophyceae* [⁵*Ulva*]¹⁵⁹

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

- Classis 11(235). *Streptofilophyceae* [⁵*Streptofilum*]
12(236). *Mesostigmatophyceae* [⁵*Mesostigma*]¹⁶⁰
13(237). *Charophyceae* [⁵*Chara*]*¹⁶¹

Regnum Vegetabilia [⁷*Magnolia*]

Phylum 40. BRYOPHYTA [⁶*Bryum*]

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

- Classis 1(238). *Haplomitriopsida* [⁵*Haplomitrium*]¹⁶²
2(239). *Marchantiopsida* [⁵*Marchantia*]¹⁶³
3(240). *Jungermanniopsida* [⁵*Jungermannia*]¹⁶⁴

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

- Classis 4(241). *Takakiopsida* [⁵*Takakia*]
5(242). *Sphagnopsida* [⁵*Sphagnum*]
6(243). *Andreaeopsida* [⁵*Andreaea*]¹⁶⁵
7(244). *Oedipodiopsida* [⁵*Oedipodium*]
8(245). *Polytrichopsida* [⁵*Polytrichum*]*¹⁶⁶
9(246). *Bryopsida* [⁵*Bryum*]¹⁶⁷

¹⁵⁵Incl. *Prasinoderma*, Palmophyllales

¹⁵⁶Incl. Pseudoscurfeldiales

¹⁵⁷*Picocystis* sed.m.

¹⁵⁸Incl. Chlorellophyceae, *Geminella*, *Helicosporidium*, *Prasiola*

¹⁵⁹Incl. *Oltmannsielliopsis*

¹⁶⁰Incl. *Chlorokybus*, *Spirotaenia*

¹⁶¹= Phragmoplastophyta, incl. Klebsormidiophyceae, Conjugatophyceae

¹⁶²Incl. Treubiales

¹⁶³Incl. Blasiales, Sphaerocarpales, Monocleales

¹⁶⁴Incl. Pelliales, Fossombroniales, Pallaviciniales

¹⁶⁵Incl. *Andreaeobryum*

¹⁶⁶Incl. Tetrarhiales

¹⁶⁷Incl. Buxbaumiales, Diphysciales, Timmiales

Subphylum *Anthocerotophytina* [^{5,8}*Anthoceros*]
Classis 10(247). *Anthocerotopsida* [⁵*Anthoceros*]¹⁶⁸

Phylum 41. PTERIDOPHYTA [⁶*Pteris*]*

Subphylum *Lycopodiophytina* [^{5,8}*Lycopodium*]
Classis 1(248). *Lycopodiopsida* [⁵*Lycopodium*]¹⁶⁹

Subphylum *Pteridophytina* [^{5,8}*Pteris*]
Classis 2(249). *Equisetopsida* [⁵*Equisetum*]
3(250). *Psilotopsida* [⁵*Psilotum*]
4(251). *Ophioglossopsida* [⁵*Ophioglossum*]
5(252). *Marattiopsida* [⁵*Marattia*]
6(253). *Pteridopsida* [⁵*Pteris*]

Phylum 42. SPERMATOPHYTA [⁶*Magnolia*] s.a.

Classis 1(254). *Ginkgoopsida* [⁵*Ginkgo*]
2(255). *Cycadopsida* [⁵*Cycas*]
3(256). *Angiospermae* [⁵*Magnolia*]
4(257). *Gnetopsida* [⁵*Gnetum*] stat.m.
5(258). *Pinopsida* [⁵*Pinus*]¹⁷⁰

Regnum Animalia [⁷*Araneus*]¹⁷¹

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

Phylum 43. PORIFERA [⁶*Spongia*]
Classis 1(259). *Hexactinellea* [⁵*Euplectella*]
2(260). *Demospongia* [⁵*Spongia*] s.a.
3(261). *Calcarea* [⁵*Sycetta*]
4(262). *Homoscleromorpha* [⁵*Oscarella*]

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

Phylum 44. CTENOPHORA [⁶*Ctenoplana*]
Classis 1(263). *Ctenophoroidea* [⁵*Ctenoplana*]¹⁷²

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

Phylum 45. PLACOZOA [⁶*Trichoplax*]
Classis 1(264). *Trichoplacoidea* [⁵*Trichoplax*]

¹⁶⁸Incl. Leiosporocerotales

¹⁶⁹Incl. Isoëttopsida

¹⁷⁰Incl. Cupressopsida

¹⁷¹Incl. *Salinella* i.s.

¹⁷²Incl. Tentaculifera, Nuda

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

Phylum 46. ANTHOZOA [⁶*Actinia*]

- Classis 1(265). *Ceriantharia* [⁵*Cerianthus*]
2(266). *Hexacorallia* [⁵*Actinia*]
3(267). *Octocorallia* [⁵*Alcyonium*]

Phylum 47. MEDUSOZOA [⁶*Hydra*]

Subphylum *Natantes* [^{5,8}*Hydra*] n.prop.

- Classis 1(268). *Coronatae* [⁵*Linuche*]
2(269). *Staurozoa* [⁵*Lucernaria*]
3(270). *Cubozoa* [⁵*Carybdea*]
4(271). *Scyphozoa* [⁵*Aurelia*]
5(272). *Hydrozoa* [⁵*Hydra*]

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

- Classis 6(273). *Polypodiozoa* [⁵*Polypodium*]
7(274). *Malacosporea* [⁵*Tetracapsula*]¹⁷³
8(275). *Myxosporea* [⁵*Myxidium*]¹⁷⁴

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

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

Phylum 48. ACOELOMORPHA [⁶*Convoluta*]

- Classis 1(276). *Acoela* [⁵*Convoluta*]
2(277). *Nemertodermatida* [⁵*Nemertoderma*]
3(278). *Xenoturbelloidea* [⁵*Xenoturbella*]

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

Phylum 49. ECHINODERMATA [⁶*Echinus*]

- Classis 1(279). *Crinoidea* [⁵*Metacrinus*]
2(280). *Asteroidea* [⁵*Asterias*]¹⁷⁵
3(281). *Echinoidea* [⁵*Echinus*]
4(282). *Ophiuroidea* [⁵*Ophiura*]
5(283). *Holothurioidea* [⁵*Holothuria*]

Phylum 50. HEMICHORDATA [⁶*Balanoglossus*]

- Classis 1(284). *Enteropneusta* [⁵*Balanoglossus*]^{*176}
2(285). *Pterobranchia* [⁵*Rhabdopleura*]

¹⁷³= *Tetracapsula*, *Buddenbrockia*

¹⁷⁴= Actinomyxidida

¹⁷⁵Incl. *Xyloplax*

¹⁷⁶Incl. *Planctosphaera*

Phylum 51. CEPHALOCHORDATA [⁶*Branchiostoma*]

Classis 1(286). *Leptocardii* [⁵*Branchiostoma*]

Phylum 52. VERTEBRATA [⁶*Felis*]

- Classis 1(287). *Cyclostomata* [⁵*Myxine*]
2(288). *Chondrichtyes* [⁵*Squalus*]
3(289). *Actinopterygii* [⁵*Perca*]
4(290). *Dipnoi* [⁵*Protopterus*]¹⁷⁷
5(291). *Amphibia* [⁵*Rana*]
6(292). *Reptilia* [⁵*Gecko*]*
7(293). *Aves* [⁵*Gallus*]¹⁷⁸
8(294). *Mammalia* [⁵*Felis*]

Phylum 53. TUNICATA [⁶*Ascidia*]

- Classis 1(295). *Larvacea* [⁵*Oikopleura*]
2(296). *Ascidacea* [⁵*Ascidia*]¹⁷⁹

Infraregnum Protostomia [^{6,5}*Araneus*]

Superphylum *Spiralia* [^{6,2}*Nereis*]

Phylum 54. CHAETOGNATHA [⁶*Sagitta*] stat.m.

Classis 1(297). *Sagittoidea* [⁵*Sagitta*]

Phylum 55. PLATYZOA [⁶*Fasciola*] s.a.

Subphylum *Gnathifera* [^{5,8}*Rotifer*]

- Classis 1(298). *Gnathostomulida* [⁵*Gnathostomula*]¹⁸⁰
2(299). *Micrognathozoa* [⁵*Limnognathia*] sed.m.
3(300). *Syndermata* [⁵*Rotifer*]¹⁸¹

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

Classis 4(301). *Gastrotrichoidea* [⁵*Macrodasys*]

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

Classis 5(302). *Dicyemida* [⁵*Dicyema*]

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

- Classis 6(303). *Catenulida* [⁵*Catenula*]
7(304). *Rhabditophora* [⁵*Planaria*]*¹⁸²
8(305). *Neodermata* [⁵*Fasciola*]¹⁸³

¹⁷⁷Incl. *Latimeria*

¹⁷⁸Incl. Dinosauromorpha

¹⁷⁹Incl. Thaliacea, Sorberacea

¹⁸⁰Incl. Filospemoidea, Bursovaginoidea

¹⁸¹Incl. *Seison*, Bdelloidea, Acanthocephala s.l., Monogononta

¹⁸²Incl. Macrostromida, Polycladida, Neophora s.s.

¹⁸³Incl. Monogenea, Trematoda, Cestoda

Phylum 56. MOLLUSCA [⁶*Limax*]

- Classis 1(306). *Aplacophora* [⁵*Neomenia*]¹⁸⁴
- 2(307). *Polyplacophora* [⁵*Chiton*]
- 3(308). *Monoplacophora* [⁵*Monoplacophorus*]
- 4(309). *Cephalopoda* [⁵*Octopus*]
- 5(310). *Bivalvia* [⁵*Mytilus*]
- 6(311). *Scaphopoda* [⁵*Dentalium*]
- 7(312). *Gastropoda* [⁵*Limax*]

Phylum 57. LOPHOPHORATA [⁶*Lingula*]

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

- Classis 1(313). *Linguliformea* [⁵*Lingula*]
- 2(314). *Craniiformea* [⁵*Craniscus*]
- 3(315). *Rhynchonelliformea* [⁵*Rhynchonella*]
- 4(316). *Phoronida* [⁵*Phoronis*]

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

- Classis 5(317). *Phylactolaemata* [⁵*Plumatella*]
- 6(318). *Gymnolaemata* [⁵*Flustra*]¹⁸⁵

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

- Classis 7(319). *Cycliophora* [⁵*Symbion*]
- 8(320). *Entoprocta* [⁵*Pedicellina*]

Phylum 58. NEMERTEA [⁶*Nemertes*]

- Classis 1(321). *Archynchocoela* [⁵*Archynchonemertes*]
- 2(322). *Nemertini* [⁵*Nemertes*]¹⁸⁶

Phylum 59. ANNELIDA [⁶*Nereis*]

- Classis 1(323). *Euannelida* [⁵*Nereis*]*¹⁸⁷
- 2(324). *Sipunculida* [⁵*Sipunculus*]
- 3(325). *Myzostomida* [⁵*Myzostoma*]
- 4(326). *Orthonectida* [⁵*Rhopalura*]
- 5(327). *Clitellata* [⁵*Limbricus*]¹⁸⁸

Superphylum *Ecdysozoa* [^{6,2}*Araneus*]

Phylum 60. NEMATHELMINTHES [⁶*Ascaris*] s.a.

- Classis 1(328). *Priapulida* [⁵*Priapulidus*]
- 2(329). *Kinorhyncha* [⁵*Kinorhynchus*]
- 3(330). *Nematomorpha* [⁵*Gordius*]

¹⁸⁴Incl. Caudofoveata

¹⁸⁵Incl. Stenolaemata

¹⁸⁶Incl. Anopla, Enopla

¹⁸⁷Incl. Amphinomidae, Chaetopteridae, Echiura, Oweniidae, Magelonidae, Sibolginida, *Diurodrilus*, *Jennaria*, *Lobatocerebrum*

¹⁸⁸Incl. Aelosomata, Hirudinea

- 4(331). *Nematoda* [⁵*Ascaris*]¹⁸⁹
 5(332). *Loricifera* [⁵*Nanaloricus*]

Phylum 61. ARTHROPODA [⁶*Araneus*] s.a.

Subphylum *Lobopoda* [^{5,8}*Peripatus*] stat.m.

- Classis 1(333). *Onychophora* [⁵*Peripatus*]

Subphylum *Tardigrada* [^{5,8}*Macrobiotus*] stat.m.

- Classis 2(334). *Tardigradoidea* [⁵*Macrobiotus*]¹⁹⁰

Subphylum *Cheliceromorpha* [^{5,8}*Araneus*]

- Classis 3(335). *Pantopoda* [⁵*Pycnogonum*]

- 4(336). *Chelicerata* [⁵*Araneus*]¹⁹¹

Subphylum *Myriapoda* [^{5,8}*Scolopendra*]

- Classis 5(337). *Chilopoda* [⁵*Scolopendra*]

- 6(338). *Symphyla* [⁵*Symphylella*]

- 7(339). *Pauropoda* [⁵*Pauropus*]

- 8(340). *Diplopoda* [⁵*Julus*]

Subphylum *Pancrustacea* [^{5,8}*Scarabaeus*]

- Classis 9(341). *Oligostraca* [⁵*Argulus*] stat.m.¹⁹²

- 10(342). *Ostracoda* [⁵*Cypris*] stat.m.

- 11(343). *Thecostraca* [⁵*Lepax*]¹⁹³

- 12(344). *Copepodoidea* [⁵*Cyclops*]

- 13(345). *Malacostraca* [⁵*Cancer*]¹⁹⁴

- 14(346). *Cephalocarida* [⁵*Hutchinsoniella*]

- 15(347). *Branchiopoda* [⁵*Daphnia*]

- 16(348). *Remipedia* [⁵*Speleonectes*]

- 17(349). *Hexapoda* [⁵*Scarabaeus*] s.a.¹⁹⁵

¹⁸⁹Incl. Adenophorea, Secernentea

¹⁹⁰Incl. 'Mesotardigrada', Heterotardigrada, Eutardigrada, Apotargigrada

¹⁹¹Incl. Xiphosura

¹⁹²Incl. Branchiura, Pentastomida sed.m., Mystacocarida

¹⁹³Incl. Tantulocarida, Facetotecta, Ascothoracida

¹⁹⁴Incl. Leptostraca

¹⁹⁵Incl. Entognatha