

The Taxonomicon

Systema Naturae 2000

Classification of
Domain *Eukaryota*
(eukaryotes)
down to Kingdom

Compiled by Drs. S.J. Brands
Universal Taxonomic Services

16 Nov 2017

Systema Naturae 2000

- Domain *Eukaryota* -

Domain *Eukaryota* Chatton, 1925 - eukaryotes

- 1 "*protists*" incertae sedis
- 2 Phylum *Euglenozoa* Cavalier-Smith, 1981
- 3 "*neokaryotes*" - mitochondrial eukaryotes
 - 1 Phylum *Percolozoa* Cavalier-Smith, 1991
 - 2.1 Class *Tsukubea* Cavalier-Smith, 2013
 - 2.2.1 Class *Jakobea* Cavalier-Smith, 1997
 - 2.2.2 "*neozoa*"
 - 1 Genus *Pseudaphelidium* Schweikert & Schnepf, 1996, incertae sedis
 - 2 Class †*Algospongia* Termier, Termier & Vachard, 1977, incertae sedis
 - 3 "*scotokaryotes*" Cavalier-Smith, 1999
 - 1 Phylum *Metamonada* Grassé, 1952
 - 2.1 Phylum *Neolouka* Cavalier-Smith, 2013
 - 2.2 "*podiates*" Cavalier-Smith, 2013
 - 1 Subphylum *Varisulca* Cavalier-Smith, 2013
 - 1.n *Amorphea* Adl et al., 2012
 - 1 Phylum *Amoebozoa* Lühe, 1913
 - 2.1 Phylum *Apusozoa* Cavalier-Smith, 1997
 - 2.2 *Opisthokonta* Cavalier-Smith, 1987
 - 1 *Holozoa* Lang, O'Kelly, Nerad, Gray & Burger, 2002
 - 1 Class *Ichthyosporae* Cavalier-Smith, 1998
 - 2 *filozoa* Shalchian-Tabrizi, Minge, Espelund, Orr, Ruden, Jakobsen & Cavalier-Smith, 2008
 - 1 ?Class *Corallochytraea* Cavalier-Smith, 1998
 - 2 Class *Filasterea* Cavalier-Smith, 2008
 - 3.1 Class *Choanoflagellata* Cavalier-Smith, 1998
 - 3.2 Kingdom *Animalia* Linnaeus, 1758 - animals
 - 2 *Holomycota* Liu, Steenkamp, Brinkmann, Forget, Philippe & Lang, 2009
 - 1 Subphylum *Paramyria* Cavalier-Smith, 2013
 - 2 Kingdom *Fungi* R.T. Moore (1980) - fungi
 - 4 Superkingdom *Corticata* Lankester, 1878
 - 1 Kingdom *Plantae* Haeckel (1866) - plants
 - 2 Kingdom *Chromista* Caval.-Sm. (1981) - chromists

Citation: Brands, S.J. (ed.), 2017. Classification of Domain *Eukaryota* (eukaryotes) down to Kingdom. In *Systema Naturae 2000. The Taxonomicon*. Universal Taxonomic Services, Zwaag, The Netherlands, 16 Nov 2017. <<http://taxonomicon.taxonomy.nl/TaxonTree.aspx?src=0&id=71606>>

Sources

- Adl, S.M., Simpson, A.G.B., Farmer, M.A., Andersen, R.A., Anderson, O.R., Barta, J.R., Bowser, S.S., Brugerolle, G., Fensome, R.A., Fredericq, S., James, T.Y., Karpov, S., Kugrens, P., Krug, J., Lane, C.E., Lewis, L.A., Lodge, J., Lynn, D.H. et al. 2005. The New Higher Level Classification of Eukaryotes with Emphasis on the Taxonomy of Protists. *J. Eukaryot. Microbiol.* **52** (5), Sep-Oct 2005: 399-451.
- Adl, S.M., Simpson, A.G.B., Lane, C.E., Lukes, J., Bass, D., Bowser, S.S., Brown, M.W., Burki, F., Dunthorn, M., Hampl, V., Heiss, A., Hoppenrath, M., Lara, E., Le Gall, L., Lynn, D.H., McManus, H., Mitchell, E.A.D., Mozley-Stanridge, S.E., Parfrey, L.W., Pawlowski, J., Rueckert, S., Shadwick, L., Schoch, C.L., Smirnov, A. & Spiegel, F.W. 2012. The Revised Classification of Eukaryotes. *J. Eukaryot. Microbiol.* **59** (5), Sep-Oct 2012: 429-493.
- Cavalier-Smith, T. 2013. Early evolution of eukaryote feeding modes, cell structural diversity, and classification of the protozoan phyla Loukozoa, Sulcozoa, and Choanozoa. *Europ. J. Protistol.* **49** (2), May 2013: 115-178.
- Cavalier-Smith, T., Chao, E.E. & Lewis, R. 2015. Multiple origins of Heliozoa from flagellate ancestors: New cryptist subphylum Corbihelia, superclass Corbistoma, and monophyly of Haptista, Cryptista, Hacrobia and Chromista. *Mol. Phyl. Evol.* **93**, Dec 2015: 331-362.
- Glücksman, E., Snell, E.A., Berney, C., Chao, E.E., Bass, D. & Cavalier-Smith, T. 2011. The Novel Marine Gliding Zooflagellate Genus *Mantamonas* (Mantamonadida ord. n.: Apusozoa). *Protist* **162** (2), Apr 2011: 207-221.
- Kirk, P.M., Cannon, P.F., Minter, D.W. & Stalpers, J.A. (eds.) 2008. *Ainsworth & Bisby's Dictionary of the Fungi, 10th Edition*. CABI Europe - UK: [i]-xi, [1]-771.
- Smirnov, A.V., Chao, E., Nasonova, E.S. & Cavalier-Smith, T. 2011. A Revised Classification of Naked Lobose Amoebae (Amoebozoa: Lobosa). *Protist* **162**, Oct 2011: 545-570.
- Vachard, D. & Cózar, P. 2010. An attempt of classification of the Palaeozoic *incertae sedis* Algospongia. *Revista Española de Micropaleontología* **42** (2): 129-241.
- van Nieuwerkerken, E.J. 2010. Unikonta. In J. Noordijk, R.M.J.C. Kleukers, E.J. van Nieuwerkerken & A.J. van Loon (eds.), *De Nederlandse Biodiversiteit. Nederlandse Fauna* **10**: 98.
- van Nieuwerkerken, E.J. 2010. Opisthokonta. In J. Noordijk, R.M.J.C. Kleukers, E.J. van Nieuwerkerken & A.J. van Loon (eds.), *De Nederlandse Biodiversiteit. Nederlandse Fauna* **10**: 101-102.

DISCLAIMER: This document is not published for nomenclatural purposes within the meaning of the International Code of Zoological Nomenclature (ICZN) or the International Code of Nomenclature for algae, fungi, and plants (ICN).