

The Taxonomicon
Systema Naturae 2000

Classification of
Phylum *Blastocladiomycota*
(fungi)
down to Genus

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

16 Sep 2019

Systema Naturae 2000

- Phylum *Blastocladiomycota* -

[Kingdom *Fungi* - fungi]

Phylum *Blastocladiomycota** T.Y. James (2007)

1 Class *Blastocladiomycetes** Doweld (2001)

1 Genus *Microallomyces* R. Emers. & J.A. Robertson (1974), incertae sedis

2 Order *Callimastigales* Doweld (2014)

1 Family *Callimastigaceae** Fonseca (1915)

1 Genus *Callimastix** Weissenb. (1912)

2 Family *Coelomomycetaceae* Couch (1945)

1 Genus *Coelomomyces** Keilin (1921)

2 Genus *Coelomycidium* Debais. (1919)

3 Order *Catenomycetales* Doweld (2014)

1 Family *Catenomycetaceae** Doweld (2014)

1 Genus *Catenomyces** A.M. Hanson (1944)

4 Order *Blastocladales** H.E. Petersen (1909)

1 Genus *Endoblastidium* Codreanu (1931), incertae sedis

2 Genus *Polycaryum* Stempel (1901), incertae sedis

3 Family *Catenariaceae* Couch (1945), nom. cons. prop.

1 Genus *Catenaria** Sorokin (1889), nom. cons. prop.

2 Genus *Catenophlyctis* Karling (1965)

3 Genus *Nematoceromyces* Doweld (2013)

4 Family *Blastocladiaceae** H.E. Petersen (1909)

1 Genus *Allomyces* E.J. Butler (1911)

2 Genus *Blastocladia** Reinsch (1877)

3 Genus *Blastocladopsis* Sparrow (1950)

4 Genus *Clavochytridium* Couch & H.T. Cox (1939)

5 Family *Sorochytriaceae* Dewel (1985)

1 Genus *Sorochytrium* Dewel (1985)

6 Family *Paraphysodermataceae* Doweld (2014)

1 Genus *Paraphysoderma** Boussiba, Zarka & T.Y. James (2011)

2 Class *Physodermatomycetes* Tedersoo, Sánchez-Ramírez, Kõljalg, Bahram, M. Döring, Schigel, T.W. May, M. Ryberg & Abarenkov (2018)

1 Order *Physodermatales** Caval.-Sm. (2012)

1 Family *Physodermataceae** Sparrow (1952)

1 Genus *Physoderma** Wallr. (1833)

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<<http://taxonomicon.taxonomy.nl/TaxonTree.aspx?src=0&id=1000864>>

Sources

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.

Index Fungorum Partnership present. *Index Fungorum*.

Kirk, P.M., Cannon, P.F., David, J.C. & Stalpers, J.A. (eds.) 2001. *Ainsworth & Bisby's Dictionary of the Fungi, 9th Edition*. CABI Publishing.

Tedersoo, L., Sánchez-Ramírez, S., Kõljalg, U., Bahram, M., Döring, M., Schigel, D., May, T., Ryberg, M. & Abarenkov, K. 2018. High-level classification of the Fungi and a tool for evolutionary ecological analyses. *Fungal Diversity* 90 (1), May 2018: 135-159.

Wijayawardene, N.N., Pawlowska, J., Letcher, P.M., Kirk, P.M., Humber, R.A., Schübler, A., Wrzosek, M., Muszewska, A., Okrasinska, A., Istel, L., Gsiorska, A., Mungai, P., Lateef, A.A., Rajeshkumar, K.C., Singh, R.V., Radek, R., Walther, G., Wagner, L., Walker, C., Wijesundara, D.S.A., Papizadeh, M., Dolatabadi, S., Shenoy, B.D., Tokarev, Y.S., Lumyong, S. & Hyde, K.D. 2018. Notes for genera: basal clades of Fungi (including *Aphelidiomycota*, *Basidiobolomycota*, *Blastocladiomycota*, *Calcarisporiellomycota*, *Caulochytriomycota*, *Chytridiomycota*, *Entomophthoromycota*, *Glomeromycota*, *Kickxellomycota*, *Monoblepharomycota*, *Mortierellomycota*, *Mucoromycota*, *Neocallimastigomycota*, *Olpidiomycota*, *Rozellomycota* and *Zoopagomycota*). *Fungal Diversity* 92 (1), Sep 2018: 43-129.

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