

Resource Summary Report

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MycoBank

RRID:SCR_004950

Type: Tool

Proper Citation

MycoBank (RRID:SCR_004950)

Resource Information

URL: <http://www.mycobank.org/>

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Description: Database documenting mycological nomenclatural novelties (new names and combinations) and associated data, for example descriptions and illustrations. The nomenclatural novelties will each be allocated a unique MycoBank number that can be cited in the publication where the nomenclatural novelty is introduced. These numbers will also be used by the nomenclatural database Index Fungorum, with which MycoBank is associated and will also serve as Life Science Identifiers (LSIDs). Nomenclatural experts will be available to check the validity, legitimacy and linguistic correctness of the proposed names in order to avoid nomenclatural errors; however, no censorship whatsoever, (nomenclatural or taxonomic) will be exerted by MycoBank. Deposited names will remain - when desired- strictly confidential until after publication, and will then be accessible through MycoBank, Index Fungorum, GBIF and other international biodiversity initiatives, where they will further be linked to other databases to realize a species bank that eventually will link all databases of life. MycoBank will (when applicable) provide onward links to other databases containing, for example, living cultures, DNA data, reference specimens and pleomorphic names linked to the same holomorph. Authors intending to publish nomenclatural novelties are encouraged to contribute to this new initiative. For the moment 2 search engines are available from the MycoBank website. The first one permits to search for fungal names (at any rank level), the authority or the MycoBank unique number. The second is dedicated to bibliographic queries related to fungal name""s publications. MycoBank users willing to deposit their data will have to register so that they will be able to contact the depositor for specific information (e.g. MycoBank number, possible points of attention regarding the name, actual publication, etc), and to avoid fake entries.

Abbreviations: MycoBank

Resource Type: data or information resource, data repository, database, service resource, storage service resource

Defining Citation: [PMID:24563843](https://pubmed.ncbi.nlm.nih.gov/24563843/)

Keywords: yeast, aspergillus, penicillium, phaeoacremonium, russula, resupinate russulales, mycosphaerella, trichomycete, arthropod, hysteriaceae, mytilinidiaceae, mycology, nomenclature, life science identifier, bibliography, sequence alignment, polyphasic identification, image collection, FASEB list

Resource Name: MycoBank

Resource ID: SCR_004950

Alternate IDs: nlx_91803, r3d100011222

Alternate URLs: <https://doi.org/10.17616/R39D0Q>

Record Creation Time: 20220129T080227+0000

Record Last Update: 20260905T132526+0000

Ratings and Alerts

No rating or validation information has been found for MycoBank.

No alerts have been found for MycoBank.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 956 mentions in open access literature.

Listed below are recent publications. The full list is available at [Kravitz](#).

Vu D, et al. (2026) Advancing Yeast Identification Using High-Throughput DNA Barcode Data From a Curated Culture Collection. *Molecular ecology resources*, 26(1), e70082.

Jin Y, et al. (2026) Two new species of the genus *Conocybe* (Agaricales, Bolbitiaceae) from Punjab, Pakistan. *MycoKeys*, 129, 129.

Wongkanoun S, et al. (2026) Polyphasic characterization of *Biscogniauxia papillata* sp. nov. (Graphostromataceae) and isolation of the cytotoxic cyclic pentapeptide cyclobiscognioxin A. *Mycological progress*, 25(1), 2.

, et al. (2026) Update of the list of QPS-recommended biological agents intentionally added to food or feeds as notified to EFSA. *EFSA journal*. European Food Safety Authority, 24(1), e9823.

Dissanayake LS, et al. (2026) Taxonomic novelties and phylogenetic insights into Cainiaceae (Xylariales, Sordariomycetes) associated with Poaceae hosts from

Southwestern China. MycoKeys, 128, 1.

Wang SJ, et al. (2026) Ten new species of Lophodermium (Rhytismatales, Rhytismataceae) on pine needles in China. IMA fungus, 17, e175730.

Fernandes Sousa T, et al. (2026) Isolation and characterization of Trichoderma from Amazonian white-water river sediments with descriptions of five new species and new records from Brazil. Frontiers in microbiology, 17, 1778622.

Petit B, et al. (2026) Anthracaurisin A?Discovery of a Cytotoxic Nor-Sesquiterpene Dimer from Patagonian Anthracophyllum discolor. Journal of natural products, 89(6), 1995.

Aneke CI, et al. (2026) Beyond Fumigatus: a molecular portrait of clinical Aspergillus diversity, pathogenicity, and antifungal resistance. Antimicrobial agents and chemotherapy, 70(2), e0118425.

Rocha LBA, et al. (2026) Endolithic fungal diversity is present in the unique phosphatized rocks of an environmentally extreme equatorial archipelago revealed by DNA amplicon metagenomics. Brazilian journal of microbiology : [publication of the Brazilian Society for Microbiology], 57(1), 46.

Kolařík M, et al. (2026) The ambrosial mycobiota of Treptoplatypus oxyurus (Coleoptera, Platypodidae): a unique island of fungal diversity revealing Wilhelmdebeerea oxyuri gen. et sp. nov. (Ophiostomatales), and two new yeast species Blastobotrys sasensis sp. nov., and Sugiyamaella casensis sp. nov. (Dipodascales). IMA fungus, 17, e177075.

Barrera-Adame DA, et al. (2026) Spatial Distribution of Astins in Aster tataricus and Their Production by Cyanodermella asteris. Journal of natural products, 89(1), 259.

Poliakova AN, et al. (2026) Three new yeast species of Vishniacozyma (Bulleribasidiaceae, Tremellales) from different habitats. MycoKeys, 128, 231.

Zhang LJ, et al. (2026) Two new species of Neohelicomyces (Tubeufiaceae, Tubeufiales) from southern China revealed by morphological and multi-locus phylogenetic analyses. MycoKeys, 131, 195.

Tian XG, et al. (2026) Taxonomic and phylogenetic analyses reveal two new Comoclathris taxa (Dothideomycetes, Pleosporaceae) from Inner Mongolia, China. MycoKeys, 129, 107.

Wang P, et al. (2026) Discovery of two new Cystobasidiaceae species (Cystobasidiales, Cystobasidiomycetes) on phylloplane from western China. MycoKeys, 131, 287.

Zhao C, et al. (2026) Morphological and molecular identification of two new wood-inhabiting species (Russulales, Basidiomycota) from China. MycoKeys, 131, 265.

Sun J, et al. (2026) Morphology and multilocus phylogeny illuminate novel taxa in Capnodiaceae (Ascomycota, Dothideomycetes, Capnodiales). IMA fungus, 17, e188051.

Fay JC, et al. (2026) Distribution of yeast species and their resistance to copper and sulfite across arboreal and viticulture habitats. FEMS yeast research, 26.

Song HB, et al. (2026) Taxonomic revision of Conobolbitina (Bolbitiaceae, Agaricales) based on collections from Jilin Province, China. MycoKeys, 127, 263.