

Resource Summary Report

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CIPRES Science Gateway

RRID:SCR_008439

Type: Tool

Proper Citation

CIPRES Science Gateway (RRID:SCR_008439)

Resource Information

URL: http://www.phylo.org/sub_sections/portal/

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Description: This database is a public resource for inference of large phylogenetic trees. It is designed to provide all researchers with access to large computational resources of the NSF TeraGrid through a simple browser interface. The CIPRES Science Gateway provides new hybrid parallel versions of RAxML (7.2.7) and MrBayes (3.1.2), as well as parallel GARLI (1.0) code to insure the fastest possible run times for submitted jobs. Through a collaboration with Alexandros Stamatakis and Wayne Pfeiffer, they now offer the fastest hybrid versions of RAxML and MrBayes currently available. Sponsors: The CIPRES project is a multi-site collaboration funded by the NSF Information Technology Research (ITR) program grant entitled BUILDING THE TREE OF LIFE: A National Resource for Phyloinformatics and Computational Phylogenetics.

Abbreviations: CIPRES

Synonyms: Cyberinfrastructure for Phylogenetic Research Science Gateway, Cyberinfrastructure for Phylogenetic Research

Resource Type: data or information resource, database

Keywords: cyberinfrastructure, phylogenetic, research, science, tree, research, FASEB list

Resource Name: CIPRES Science Gateway

Resource ID: SCR_008439

Alternate IDs: nif-0000-30256

Record Creation Time: 20220129T080247+0000

Record Last Update: 20260905T133153+0000

Ratings and Alerts

No rating or validation information has been found for CIPRES Science Gateway.

No alerts have been found for CIPRES Science Gateway.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 95 mentions in open access literature.

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

Campbell AS, et al. (2026) Molecular insights into electroreceptor ribbon synapses from differential gene expression in sturgeon lateral line organs. *Journal of anatomy*, 248(5), 784.

Liu M, et al. (2025) Linking multi-gene and morphological data in the subclass Scuticociliatia (Protista, Ciliophora) with establishment of the new family Homalogastridae fam. nov. *Marine life science & technology*, 7(1), 1.

Li B, et al. (2025) A Reassessment of Phylogenetic Relationships in Class Oligohymenophorea (Protista, Ciliophora) Based on Updated Multigene Data. *Ecology and evolution*, 15(2), e70950.

Bermúdez-Cova MA, et al. (2024) ?Systematic revision of species of Atractilina and Spiropes hyperparasitic on Meliolales (Ascomycota) in the tropics. *MycoKeys*, 103, 167.

Wang D, et al. (2024) New insights into the stipitate hydroid fungi Sarcodon, Hydnellum, and the formerly informally defined Neosarcodon, with emphasis on the edible species marketed in Southwest China. *IMA fungus*, 15(1), 8.

Pomaha? O, et al. (2023) Rediscovery of Remarkably Rare Anaerobic Tentaculiferous Ciliate Genera Legendrea and Dactylochlamys (Ciliophora: Litostomatea). *Biology*, 12(5).

Liu L, et al. (2023) Further insights into the phylogeny of facultative parasitic ciliates associated with tetrahymenosis (Ciliophora, Oligohymenophorea) based on multigene data. *Ecology and evolution*, 13(9), e10504.

Mardones M, et al. (2023) ?Taxonomy and phylogeny of the genus Ganoderma (Polyporales, Basidiomycota) in Costa Rica. *MycoKeys*, 100, 5.

Jung S, et al. (2023) Molecular Phylogeny of Cimicoidea (Heteroptera: Cimicomorpha) Revisited: Increased Taxon Sampling Reveals Evolution of Traumatic Insemination and Paragenitalia. *Insects*, 14(3).

Park JS, et al. (2023) Two New Species of the Family Acarosporaceae from South Korea. *Mycobiology*, 51(4), 216.

Liu M, et al. (2022) Integrative studies on the taxonomy and molecular phylogeny of four new *Pleuronema* species (Protozoa, Ciliophora, Scuticociliatia). *Marine life science & technology*, 4(2), 179.

Tipton AG, et al. (2022) Arbuscular Mycorrhizal Fungi Taxa Show Variable Patterns of Micro-Scale Dispersal in Prairie Restorations. *Frontiers in microbiology*, 13, 827293.

Li B, et al. (2022) Insights into the phylogeny of the ciliate of class Colpodea based on multigene data. *Ecology and evolution*, 12(10), e9380.

Lablack L, et al. (2022) Novel molecular data for monogenean parasites of sparid fishes in the Mediterranean and a molecular phylogeny of the Microcotylidae Taschenberg, 1879. *Current research in parasitology & vector-borne diseases*, 2, 100069.

Zhang X, et al. (2022) Timing and characteristics of nuclear events during conjugation and genomic exclusion in *Paramecium multimicronucleatum*. *Marine life science & technology*, 4(3), 317.

Xu J, et al. (2022) Diversity Patterns of Protists Are Highly Affected by Methods Disentangling Biological Variants: A Case Study in Oligotrich (s.l.) Ciliates. *Microorganisms*, 10(5).

Steinke D, et al. (2022) Message in a Bottle-Metabarcoding enables biodiversity comparisons across ecoregions. *GigaScience*, 11.

Kang S, et al. (2022) The complete chloroplast genome sequence of *Lilium concolor* var. *pulchellum*. *Mitochondrial DNA. Part B, Resources*, 7(9), 1639.

Zaheri B, et al. (2021) Assessing nucleic acid binding activity of four dinoflagellate cold shock domain proteins from *Symbiodinium kawagutii* and *Lingulodinium polyedra*. *BMC molecular and cell biology*, 22(1), 27.

Meswaet Y, et al. (2021) Unravelling unexplored diversity of cercosporoid fungi (Mycosphaerellaceae, Mycosphaerellales, Ascomycota) in tropical Africa. *MycKeys*, 81, 69.