

Resource Summary Report

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Teleost Taxonomy Ontology

RRID:SCR_001611

Type: Tool

Proper Citation

Teleost Taxonomy Ontology (RRID:SCR_001611)

Resource Information

URL: http://phenoscape.org/wiki/Teleost_Taxonomy_Ontology

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Description: An ontology of taxonomic terms (names of taxonomic groups) used in the systematics of fish, including non-teleost groups such as Chondrichthys (sharks and rays), Sarcopterygii (lungfish and coelacanths), lampreys, and hagfish. It contains (as of August 2010) over 38,500 names, and over 44,000 taxonomic synonyms. A majority of the taxonomic names and synonyms were made available from the Catalog of Fishes. In July 2010 they added nearly 15,000 common names provided by Fishbase. Additional names and synonyms are added as a result of their curation activities. The ontology is being used to facilitate annotation of phenotypes, particularly for taxa that are not covered by NCBI because no submissions of molecular data have been made. Taxonomy ontologies can also be valuable in annotating legacy data, where authors make phenotype or ecological assertions (e.g., host-parasite associations) that refer to groups that are reorganized or no longer recognized. The taxonomy ontology serves as the source of taxa for their project's use for identifying evolutionary changes that match the phenotype of a zebrafish mutant.

Abbreviations: TTO

Resource Type: data or information resource, controlled vocabulary, ontology

Keywords: taxonomy, term, name, group, fish, phenotype, obo

Funding:

Availability: Creative Commons Zero License

Resource Name: Teleost Taxonomy Ontology

Resource ID: SCR_001611

Alternate IDs: nlx_153877

Old URLs: <https://www.nescent.org/phenoscape/>

Record Creation Time: 20220129T080208+0000

Record Last Update: 20250506T060227+0000

Ratings and Alerts

No rating or validation information has been found for Teleost Taxonomy Ontology.

No alerts have been found for Teleost Taxonomy Ontology.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.