

Some key functions in taxize, what they do, and their data sources.

Function name	What it does	Source
classification	Upstream classification	Various
col_children	Direct children	Catalogue of Life
col_downstream	Downstream taxa to specified rank	Catalogue of Life
eol_hierarchy	Upstream classification	Encyclopedia of Life
eol_search	Search EOL taxon information	Encyclopedia of Life
ncbi_search	Get NCBI sequences	National Center for Biotechnology Information
get_ids	Get taxonomic identifiers	Five sources
comm2sci	Get scientific from common names	EOL, NCBI, ITIS, Tropicos
sci2comm	Get common from scientific names	EOL, NCBI, ITIS
gisd_isinvasive	Invasiveness status	Global Invasive Species Database
gni_parse	Parse scientific names into components	Global Names Index
gni_search	Search EOL's global names index	Global Names Index
gnr_resolve	Resolve names using EOL's global names index	Global Names Resolver
itis_downstream	Downstream taxa to specified rank	Integrated Taxonomic Information System
iucn_summary	Get IUCN status for a species	IUCN Red List
phylomatic_tree	Get a plant Phylogeny	Phylomatic
plantminer	Search Plantminer	Plantminer
tax_name	Get taxonomic name for specific rank	Various
tax_rank	Get rank of a taxonomic name	Various
tnrs	Resolve names using Taxosaurus/iPlant	Taxosaurus Taxonomic Name Resolution Service
tp_accnames	Check for accepted names using Tropicos	Tropicos
ubio_namebank	Search uBio	uBio