

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

Function name	What it does	Source
apg_lookup	Changes names to match the APGIII list	Angiosperm Phylogeny Group
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
get_seqs	Get NCBI sequences	National Center for Biotechnology Information
get_tsn	Get ITIS TSN	Integrated Taxonomic Information System
get_uid	Get NCBI UID	National Center for Biotechnology Information
searchbycommonname	Search ITIS by common name	Integrated Taxonomic Information System
searchbyscientificname	Search ITIS by scientific name	Integrated Taxonomic Information System
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_status	IUCN status	IUCN Red List
phyloomatic_tree	Get a plant Phylogeny	Phyloomatic
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 iPlant	iPlant Taxonomic Name Resolution Service
tp_acceptednames	Check for accepted names using Tropicos	Tropicos
tpl_search	Search the Plant List	The Plant List
ubio_namebank	Search uBio	uBio