

Assembly of Plant Taxonomic Lists through Catalogue of Life

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Abstract

Plants are a relatively well curated and maintained taxonomic group. Despite all this taxonomic effort, it is not always clear for users of plant species information which authoritative taxonomic list to follow. Collaborations, such as between the [World Flora Online](#) consortium, International Plant Names Index ([IPNI](#)), Australian Plant Names Index ([APNI](#)), Catalogue of Life ([COL](#)), the Global Biodiversity Information Facility ([GBIF](#)), and others may help the plant community move forward towards an encompassing global plant species resource. Over the past 20 years, COL has strived to assemble a global plant species list from various data sources published in the COL Checklist (Bánki et al. 2022). COL aspires to move towards having more plant taxonomic sectors being managed by active taxonomic communities. Through its new infrastructure, [ChecklistBank](#), Catalogue of Life is on its way to provide additional services to publish, discover, compare and download different plant taxonomic data sources. COL is also working with partners such as [Plazi](#), [Pensoft](#) and [Biodiversity Heritage Library](#) to link plant species information with available digital literature. Such services could help users of plant information to better understand the overlap and differences between the various plant species data sources offered.

Keywords

Plants, species list, checklist, ChecklistBank, IPNI, APNI, GBIF, World Flora Online, Plazi, Pensoft, BHL

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Conflicts of interest

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