

= International Association for Plant Taxonomy =

The International Association for Plant Taxonomy (IAPT) promotes an understanding of plant biodiversity , facilitates international communication of research between botanists , and oversees matters of uniformity and stability in plant names . The IAPT was founded on July 18 , 1950 at the Seventh International Botanical Congress in Stockholm , Sweden . Currently , the IAPT headquarters is located in Bratislava , Slovakia . Its current president , since 2011 , is Vicki Funk of the Smithsonian Institution , Washington , DC . ; vice @-@ president is Sandra Knapp of the Natural History Museum , London ; and secretary @-@ general is Karol Marhold of the Institute of Botany , Slovak Academy of Sciences , Bratislava .

Both the taxonomic journal *Taxon* and the series *Regnum Vegetabile* are published by the IAPT . The latter series includes the International Code of Nomenclature for algae , fungi , and plants , the *Index Nominum Genericorum* , and *Index Herbariorum* .

= = Purpose = =

The IAPT 's primary purpose is the promotion and understanding of biodiversity ? the discovery , naming , classification , and systematics of plants ? for both living and fossil plants . Additionally , it promotes the study and conservation of plant biodiversity , and works to raise awareness of the general public to this issue . The organization also facilitates international cooperation among botanists working in the fields of plant systematics , taxonomy , and nomenclature . This is accomplished in part through sponsorship of meetings and publication of resources , such as reference publications and journals .

The IAPT also seeks to achieve uniformity and stability in plant names . It accomplishes this through the International Code of Nomenclature for algae , fungi , and plants , previously known as the International Code of Botanical Nomenclature , and through the oversight of the International Bureau for Plant Taxonomy and Nomenclature .

= = Publications and online resources = =

= = = *Taxon* = = =

Taxon is the bi @-@ monthly journal of the IAPT . The journal , which was initiated in 1951 , publishes original papers and reviews dealing with systematic botany in the broadest sense . Preference is given to integrative papers combining the results of modern analysis with their consequences for classification . *Taxon* also contains matters related to botanical nomenclature , and is the medium for the publication of both proposals to conserve or reject names and proposals to amend the International Code of Nomenclature for algae , fungi , and plants (ICN) . Publication of such matters in *Taxon* satisfies the required submission to the General Committee . The journal also contains sections devoted to the International Organisation of Plant Biosystematics , reviews and notices of books and other publications , and news in the world of plant systematics . Although the journal is " devoted to systematic and evolutionary biology with emphasis on botany " , it has been in the past criticized for focusing overly on nomenclature and less on the principles and advancements made in the field of plant systematics .

= = = *Regnum Vegetabile* = = =

Regnum Vegetabile is a published series of books on topics of interest to plant taxonomists . Many of the volumes are literature surveys or monographs in the area of plant systematics . There are several volumes of general use :

International Code of Nomenclature for algae , fungi , and plants (Vol . 154 , 2012) The ICN is a set of rules and recommendations dealing with the formal names that are given to plants . The

current edition is known as the " Melbourne Code " , as it was drafted in 2011 at the Seventeenth International Botanical Congress in Melbourne , Australia .

International Code of Nomenclature for Cultivated Plants , 8th edition (Vol . 151 , 2010) Companion to the ICN , this volume sets forth rules regarding the names of plant cultivars .

Index Nominum Genericorum (Vols . 100 @-@ 102 & 113) An index of all published generic names covered by the ICN , including the place of publication and information about the type species . The index is prepared in collaboration with the Smithsonian Institution . An electronic version is available online .

Index Herbariorum , the first six editions (Vol . 15 , 31 , 86 , 92 , 93 , 106 , 109 , 114 , 117 , 120) A directory and guide to the herbaria of the world , including contact information , abbreviation codes , and important collections located in each herbarium . Index Herbariorum is now an online database , managed by The New York Botanical Garden , and available for on @-@ line searching .

International Directory of Botanical Gardens (Updated as Vol . 95 , 1977) A directory to botanical gardens and arboreta around the world .

The series includes many additional volumes of interest to specialists in specific subdisciplines of botany , in addition to the ones listed above .

= = = Databases = = =

In addition to electronic versions of its print publications , the IAPT maintains the following :

" Names in Current Use " - A database of scientific names of extant botanical genera .