

FLORAGREIF – A VIRTUAL FLORA OF MONGOLIA

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ABSTRACT

FloraGREIF is an internet accessible application providing taxonomic, biogeographical and ecological information on Mongolia's flora in terms of texts, high-resolution plant images and an interactive WebGIS. Information are split into the taxon level, referring to plant species, and the record level, referring to collected plant specimen such as herbarium specimen and images of living species. Both are linked by the name of the respective plant species. An integrated WebGIS application enables the projection of taxon and record data; their linkage is intended. FloraGREIF is introduced as a practically applicable tool of ecological and taxonomic research on Central Asia's vegetation. As an integral component of the Open Source Initiative within the content management system of Greifswald's University in Germany it is expected to be supported on a long-term basis.