

Documented chromosome number checklist of Austrian vascular plants

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with contributions by

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A critically revised survey of utmost all known chromosome counts of Austrian (Central Europe) vascular plants comprising about 6232 records referring to 1300 species. Literature data are carefully exised including information on investigated taxon as chromosome number(s), geographic origin as well as additional facts like collector, depository of voucher, material numbers and others. In collaborating with 35 specialists data have been checked critically respectively revised. For clarification annotations on geography, taxonomy and karyology are given. 466 out of the presented chromosome records are from hitherto unpublished Ph.D. thesis or diploma works which, along with an additional number of purely known papers, have never been cited in any chromosome index.

172 chromosome counts are new ones published for the first time. To make use of these data more practicable a CD-ROM with voucher images of the new counts published by the authors themselves is enclosed.

To make this survey broadly applicable taxonomy follows in general the most modern floristic survey, Adler et al. 1994 (Exkursionsflora von Österreich.).

129 maps are given for well documented taxa (more than seven counts) or groups showing significant caryological differentiation. The basis map shows the geology of Austria, the western border zone of the Pannonicum and the edge of the alpine ice-shield during the Würm glaciation.

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