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the taxonomic classification of peonies has undergone numerous changes in the past 50 years and will likely continue to as taxonomists use emerging technologies to look at genetic makeups thus this is a guide and will likely see further revision as time passes text is divided into two parts part 1 explains the principles of taxonomy including the importance of systematics characters concepts of categories and different approaches to biological classification part 2 outlines the different types of data used in this fully up to date monograph contains a comprehensive taxonomic revision of the genus based on extensive field observations population sampling examination of a large quantity of specimens and statistical analysis of characteristics publisher s description horticulturalists as well as more adventurous gardeners access restricted tldr the genetic diversity of 334 herbaceous peonies from fennoscandia was analysed using 18 microsatellites simple sequence repeats ssrs to create a finnish genetic resources collection of the most diverse and vigorous peonies and to update the norwegian and swedish collections expand phytogeography from greek φυτόν phytón plant and γεωγραφία geographía geography meaning also distribution or botanical geography is the branch of biogeography that is concerned with the geographic distribution of plant species and their influence on the earth s surface this book includes a comprehensive taxonomic revision of the genus paeonia based on extensive field observations population sampling examination of a more than 5000 specimens including type specimens and statistic analysis of characters detailed species descriptions are enhanced by 78 line drawings and 39 maps taxonomy and phytogeography standard form peonies world ipni life sciences identifier lsid urn lsid ipni org publications 20011736 1 isbn 9781842463925 dates may 2010 author hong de yuan this fully up to date monograph contains a comprehensive taxonomic revision of the genus based on extensive field observations population sampling examination of a large quantity of specimens taxonomy in a broad sense the science of classification but more strictly the classification of living and extinct organisms i e biological classification the term is derived from the greek taxis arrangement and nomos law we focus on the distribution of peonies of the world taxonomy

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in 2010 hong de yuan published peonies of the world taxonomy and phytogeography a scholarly well researched peony monograph focused on peony taxonomy and peony habitats he followed this with the

publication of peonies of the world polymorphism and diversity in 2011 hong lists 33 species with 15 subspecies for a total of 48

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the ncbi taxonomy database allows browsing of the taxonomy tree which contains a classification of organisms

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