# Copperflora – an online species-level database of biology, ecology, geography of the flora from the Katangan Copperbelt (D.R. Congo) to manage their conservation

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Storage and accessibility to structured data are essential in all fields of scientific research. In ecology, conservation managers regularly use thousands qualitative and quantitative data from different partners and studies. In recent years, online databases concerning climate, species traits and distribution have been developed but few offer a comprehensive tool for the management of species conservation at several steps. The Copperflora database was created in order to include a diversity of informations about species (taxonomy, habitats, phenology, pictures, distribution, etc.) but also information concerning seeds collection, conservation, monitoring and tests applied to target species. Copperflora is meant to be an interactive and a dynamic project enhancing the exchange of data. Our project also contributes to the advance in the understanding of metallophyte communities' conservation and restoration projects. Our database structure is expected to be easily transferable to other conservation actions.