



## **The response of European tree species to drought: a meta-analysis**

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Here we provide first results of a meta-analysis of the response of European tree species to drought. A literature search was conducted in order to collect available studies of the response of the gas exchange of European tree species to either natural or imposed water shortage. The resulting publications were screened and parameters at organ (e.g. leaf or shoot), individual (i.e. tree) and ecosystem scale were transferred to a data base. Here we present preliminary results from queries of the data base aiming at identifying differences in the drought response between species that may have implications for forest productivity and composition under likely future warmer and drier conditions.