



**Ellenberg-type indicator values for the flora of Taiwan.** Heinz Ellenberg was an experienced German vegetation ecologist, who elaborated an old idea that plants are excellent indicators of the environment in which they grow. He developed a system of indicator values for Germany, which for each plant species quantifies its optima along major ecological gradients (moisture, light, nutrients etc.). This system represents unique knowledge about the ecology of individual plant species, and European vegetation ecologists frequently use it to estimate environmental conditions of habitat from species composition of the community growing on it. We hope to introduce this concept to Taiwan, and compile available ecological knowledge about species distribution and ecological requirements into a set of Ellenberg-type indicator values for the flora of Taiwan (e.g. for temperature, light, nutrients, cloudiness or wind intensity). To complete this for the whole flora would be too ambitious for the beginning, but to test this approach on a smaller subset of species in a small area is realistic.

From:

<https://www.davidzeleny.net/veglab/> - **Vegetation Ecology Lab** / 植群生態研究室

Permanent link:

<https://www.davidzeleny.net/veglab/doku.php?id=research>

Last update: **2021/06/18 11:02**

