Vegetationskundliches aus der AG Landschaftsökologie Rostock

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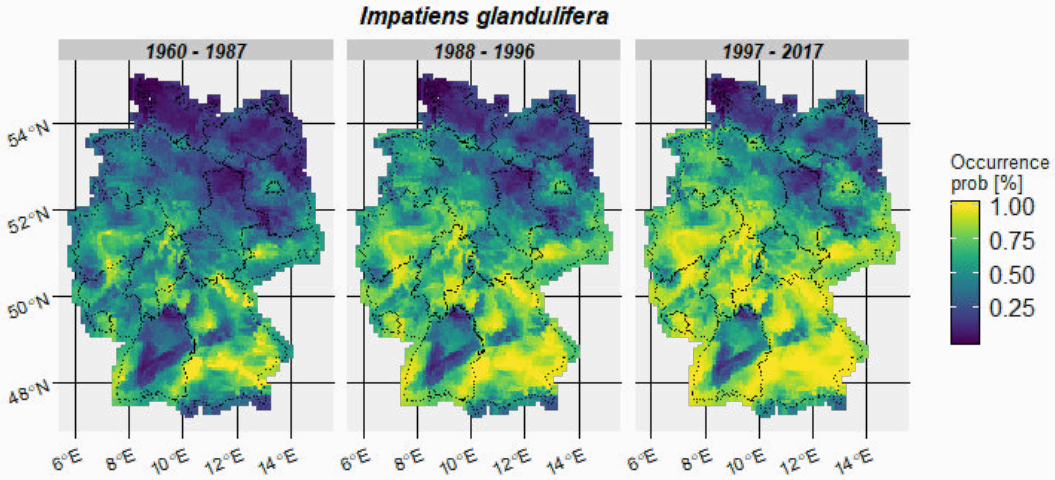
20. August 2021

FlorSoz 2021 - Rostock

Flora

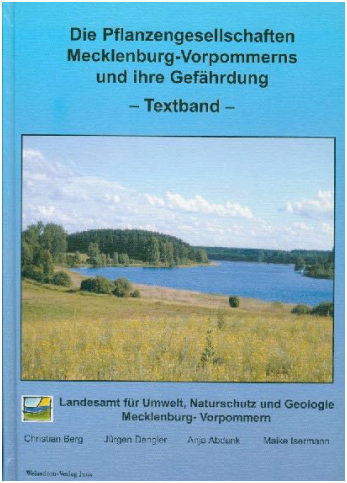
Trendanalysen aus floristischen Beobachtungsdaten

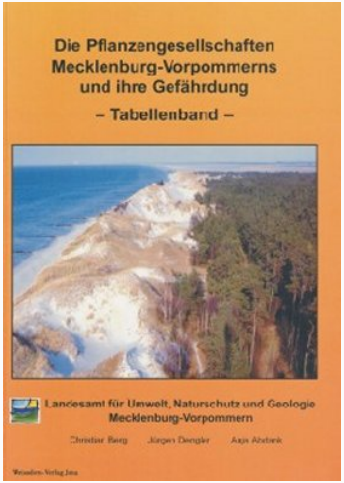


Eichenberg (2020) Widespread decline in Central European plant diversity across six decades. Global Change Biology, gcb.15447. https://doi.org/10.1111/gcb.15447

Vegetation

Pfanzengesellschaften MV und ihre Gefährdung (2001/04)

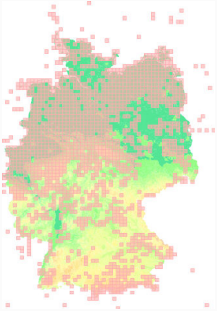




Berg (2004) Die Pflanzengesellschaften Mecklenburg Vorpommerns und ihre Gefährdung. Weissdorn.

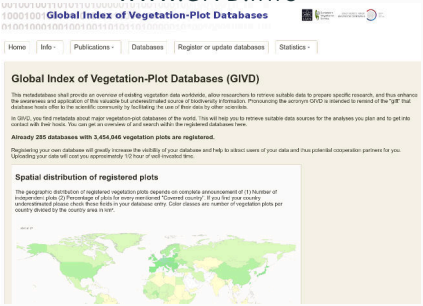
https://www.vegetweb.de

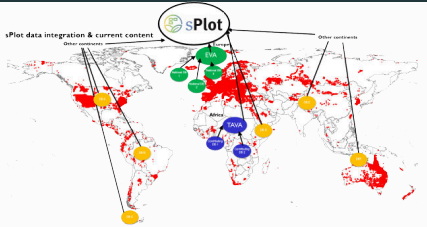
- 50,000 Plots aus MV als Grundstock
- 130,000 von geschätzt 2 Mill in D
- Daten aus Tuexenia Veröffentlichungen
- Warenhausprinzip: Erheber bleibt Besitzer



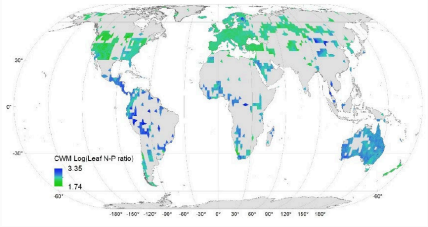
https://www.givd.info, http://euroveg.org/eva-database und https://www.idiv.de/en/splot.html

www.GIVD.info





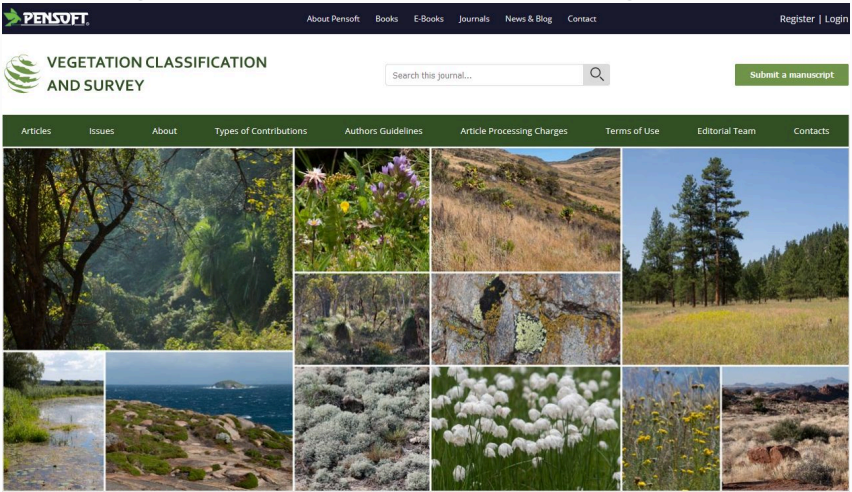
https://www.idiv.de/en/splot.html



Bruelheide et al. (2018) Global trait–environment relationships of plant communities. Nature Ecology & Evolution

Vegetation classification and survey

Internationale Zeitschrift für Vegetationsökologie (frühere Phytocoenologia) im Auftrag der International Association for Vegetation Science



Vegetationstypen finden und Vegetationstypen zuweisen

Expert system

```
C    Surface waters
(<##Q +11 Aquatic-species> AND
  <#TC +11 Aquatic-species GR $75>)
 NOT <#TC Trees|#TC Shrubs GR 15>
```

```
##D +11 Aquatic-species
     Aldrovanda vesiculosa
     Alisma gramineum
     Althenia filiformis
     Althenia orientalis
     Aneura pinguis
     Antinoria agrostidea
     Aristavena setacea
     Azolla cristata
     Azolla filiculoides
     Azolla species
     Baldellia alpestris
     Baldellia ranunculoides
     Botrydium granulatum
     Callitriche brutia
     Callitriche cophocarpa
     Callitriche cribrosa
     ...
```

Chytrý et al. (2020) EUNIS Habitat Classification: Expert system, characteristic species combinations and distribution maps of European habitats. Applied Vegetation Science
Bruelheide, Tichý, Chytrý, & Jansen (2021) Implementing the formal language of the vegetation classification expert systems (esy) in the statistical computing environment R. Applied Vegetation Science

Probalistic Vegetation Key
= wahrscheinlichster Typ je nach ausgewählter/n Art(en)