



The Red List

Milan Štech¹, Wolfgang Diewald², Eva Holá¹ a kolektiv autorů Květeny Šumavy

¹ Přírodovědecká fakulta Jihočeské univerzity, Branišovská 1760, CZ-37005 České Budějovice, Česká republika

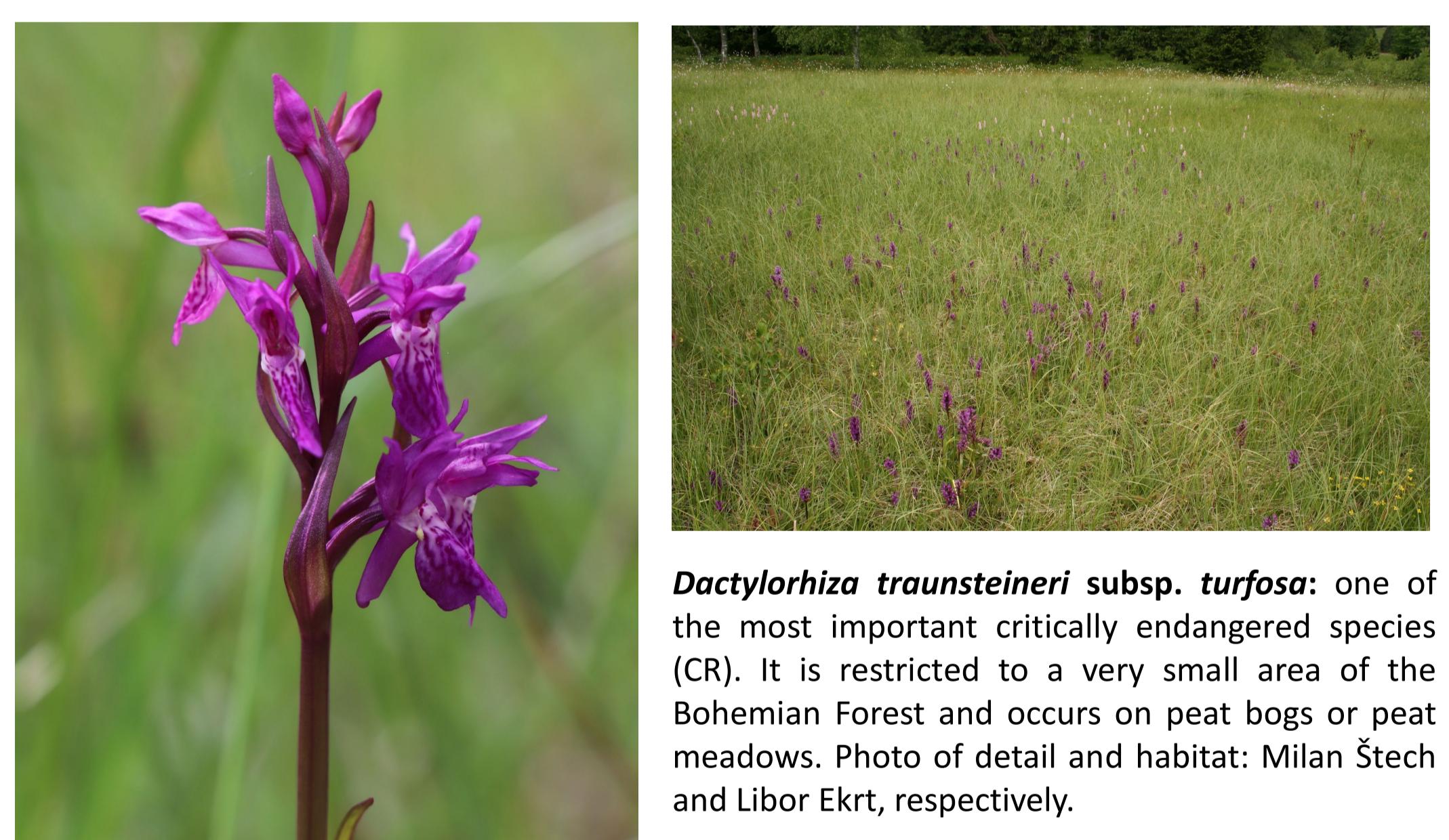
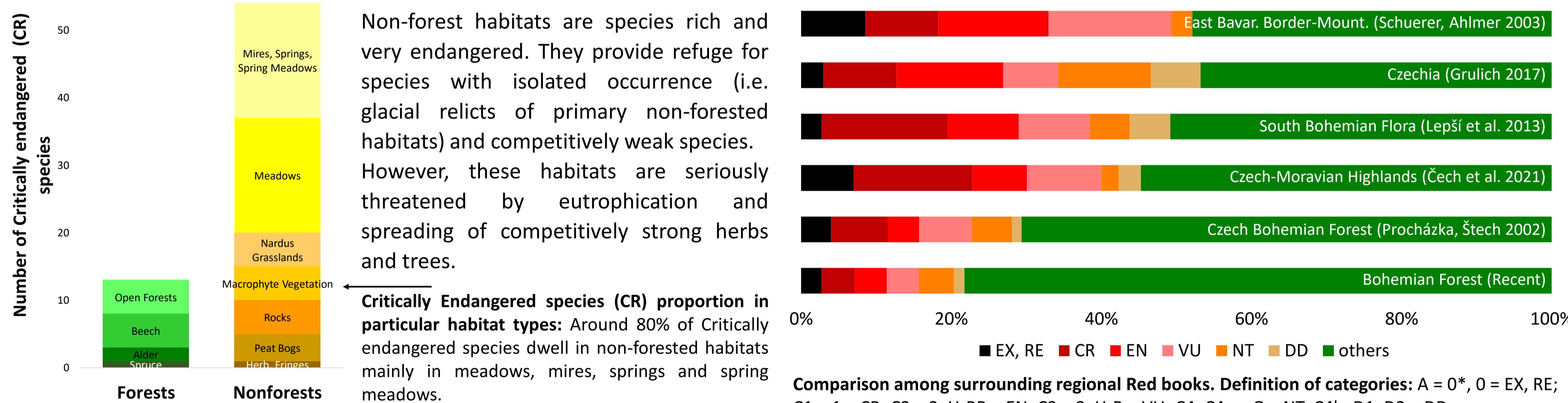
²Staatliche Naturwissenschaftliche Sammlungen Bayerns (SNSB), Menzinger Straße 67, D-80638 München, Německo

Comprehensive floristic research in the Bohemian Forest supported by the Czech-Bavarian project Květena Šumavy/Flora des Böhmerwaldes (No 216; <https://www.florasilvaegabretae.eu/>) enables compilation of checklist and red list.

- Criteria of IUCN are used.
 - Precise criteria (about population size reduction and geographic range) evaluate the extinction risk of species. These criteria are relevant to all species and all regions of the world.
 - The aim is to convey the urgency of conservation issues to the public. These lists provide scientifically based information on the status of species to draw attention to the importance of threatened biodiversity, and species itself.
- Czech and Bavarian sides of the Bohemian Forest are included.
- Critical groups of plants (e.g. *Alchemilla*) are evaluated.



Checklist and Red List of the Bohemian Forest Flora: 1590 taxa are evaluated, while 22% qualified for inclusion in Red List categories (2% in category RE = Regionally Extinct, 4% in CR = Critically Endangered, 6% in EN = Endangered, 4% in VU = Vulnerable, 6% in NT = Near Threatened, 1% in DD = Data Deficient), and 38% are considered Least Concern (LC), 34% are Not Applicable (NA, mostly alien and neophyte species).



Dactylorhiza traunsteineri subsp. turfosa: one of the most important critically endangered species (CR). It is restricted to a very small area of the Bohemian Forest and occurs on peat bogs or peat meadows. Photo of detail and habitat: Milan Štech and Libor Ekrt, respectively.

The hotspot map of critically endangered species (CR). Map shows numbers of critically endangered species within each quadrant. Total number of critically endangered species is 70. The richest quadrants (i.e. more than 21 critically endangered species per quadrant) are Železná Ruda, Březník, Bučina and Černá v Pošumaví. Very rich quadrants (i.e. 16-20 critically endangered species per quadrant) are Arber, Špičák, Šmauzý, Polom, Vysoký hřbet, Křemelná, Řetenice, Srní, Horská Kvilda, Filipova Huť, Přílba, Vimperk, Lipka, Solná Lhota, Föhraufilz, Boubín, Strážný, Olšina. Quadrants with zero or very few critically endangered species are the marginal squares. Critically endangered species occurring only in one quadrant are *Carex chordorrhiza*, *Illecebrum verticillatum*, *Isoëtes echinospora*, *Isoëtes lacustris*, *Orobanche alsatica*, *Polystichum braunii*, *Woodsia ilvensis*.

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