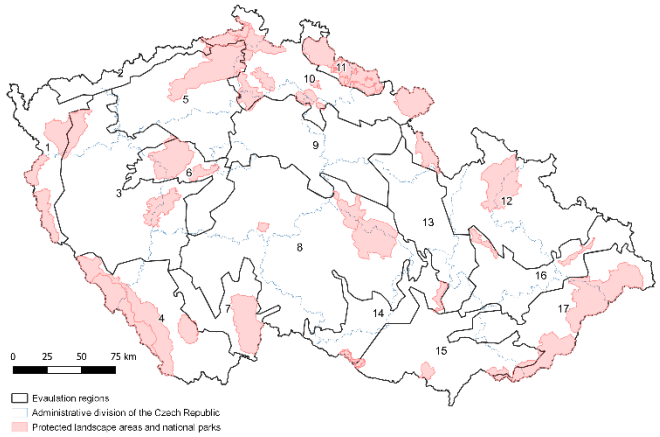
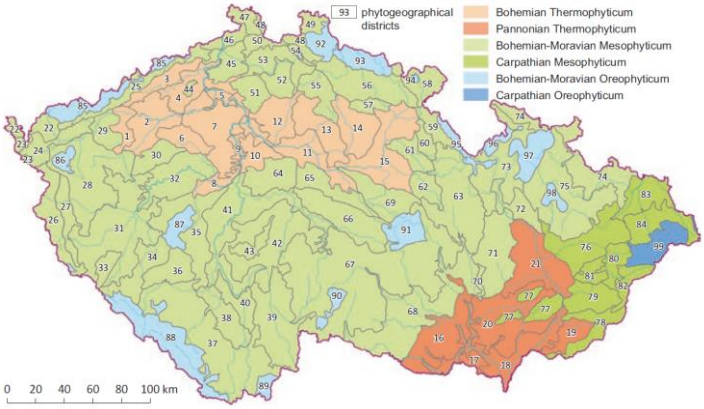
Axmanová I., Chytrý K., Boublík K., Chytrý M., Dřevojan P., Ekrtová E., Fajmon K., Hájková P., Härtel H., Hejda M., Horáková V., Jongepier J. W., Kalníková V., Kaplan Z., Koutecký P., Lustyk P., Pergl J., Prach K., Pyšek P., Sádlo J., Vojík M. & Těšitel J. (2024) Catalogue of expansive plants of the Czech Republic. – Preslia 96: 299–327.

Supplementary Table S3. Assessment for individual regions and broad phytogeographical regions. Regions (A) were defined mostly geographically, although they largely reflect biogeographical and phytogeographical patterns; while broad phytogeographical regions (B) were adopted from Kaplan et al. (2017) and they are reflecting coarse scale geology, prevailing climate and biogeography. Expansive character is indicated by 1, non-expansive by 0.

A, regions (n=17)



B, phytogeographic regions (n=6)



	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13	Region 14	Region 15	Region 16	Region 17	Bohemian Thermophyticum	Bohemian Moravian Mesophyticum	Bohemian Moravian Oreophyticum	Pannonian Thermophyticum	Carpathian Mesophyticum	Carpathian Oreophyticum
Acer campestre	0	0	1	0	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	0	1	1	0
Acer platanoides	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0
Acer pseudoplatanus	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1	1	1
Aegopodium podagraria	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Agrostis canina	1	1	0	1	0	0	1	1	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0
Agrostis capillaris	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	0	1	1
Alliaria petiolata	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Allium ursinum	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	1	0
Alnus glutinosa	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Alopecurus pratensis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Anthriscus sylvestris	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Artemisia vulgaris	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Avenella flexuosa	1	1	1	1	0	0	1	1	0	1	1	1	1	0	0	0	1	0	1	1	0	1	1
Betula pendula	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Bolboschoenus laticarpus	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	1	0	0	1	1	0
Bolboschoenus planiculmis	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	1	0	1	0	0	1	1	0

	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13	Region 14	Region 15	Region 16	Region 17	Bohemian Thermophyticum	Bohemian Moravian Mesophyticum	Bohemian Moravian Oreophyticum	Pannonian Thermophyticum	Carpathian Mesophyticum	Carpathian Oreophyticum
Brachypodium sylvaticum	0	0	0	0	1	0	0	0	1	0	0	1	1	1	1	1	1	1	1	0	1	1	0
Bromus erectus	0	0	0	0	1	1	0	0	1	0	0	0	1	0	1	0	1	1	0	0	1	1	0
Bromus inermis	0	0	0	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Calamagrostis canescens	1	0	1	1	0	0	1	1	0	1	0	1	1	0	0	1	0	0	1	0	0	1	0
Calamagrostis epigejos	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Calamagrostis villosa	1	1	1	1	0	0	1	1	0	1	1	1	1	0	0	0	1	0	1	1	0	1	1
Calluna vulgaris	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
Calystegia sepium	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	0
Carex acutiformis	0	0	0	0	1	0	0	0	1	1	0	0	1	0	1	1	0	1	1	0	1	1	0
Carex brizoides	1	1	1	1	0	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	0	1	0
Carex buekii	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	1	0
Carex hirta	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Carex rostrata	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Carpinus betulus	0	0	0	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Cerastium glomeratum	0	0	1	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	1	0	0	1	0
Cerastium glutinosum	0	0	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	0	1	1	0
Cerastium semidecandrum	0	0	1	1	1	0	1	0	1	1	0	0	0	1	1	1	0	1	1	0	1	1	0
Ceratophyllum submersum	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	0	0	1	1	0	1	0	0
Chaerophyllum aromaticum	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Chaerophyllum aureum	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Chelidonium majus	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	0
Chenopodium album agg.	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Cirsium eriophorum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0
Cirsium heterophyllum	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
Cirsium oleraceum	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	1	1
Cirsium vulgare	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	0
Clematis vitalba	0	0	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	1	0	1	1	0
Cornus sanguinea	0	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Crataegus sp. div.	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Crepis biennis	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0
Dactylis glomerata	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Deschampsia cespitosa	1	1	0	1	1	0	1	1	1	1	1	1	1	0	0	1	1	0	1	1	0	1	1
Draba muralis	0	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Elymus caninus	0	0	0	0	1	1	0	0	1	1	0	0	1	1	0	1	1	1	1	0	0	1	0
Elymus repens	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Epilobium angustifolium	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1
Epilobium lamyi	0	0	1	1	1	1	1	0	1	1	0	0	1	0	1	1	0	1	1	0	1	1	0
Eupatorium cannabinum	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0	1	1	0	1	0	0	1	0
Fagus sylvatica	1	0	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fallopia dumetorum	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	1	0	0	1	0	0
Festuca arundinacea	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0

	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13	Region 14	Region 15	Region 16	Region 17	Bohemian Thermophyticum	Bohemian Moravian Mesophyticum	Bohemian Moravian Oreophyticum	Pannonian Thermophyticum	Carpathian Mesophyticum	Carpathian Oreophyticum
Filipendula ulmaria	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Frangula alnus	1	0	1	1	1	0	1	1	0	1	0	1	1	1	0	1	1	0	1	0	0	1	0
Fraxinus excelsior	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Galeopsis tetrahit agg.	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Galium aparine	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0
Galium saxatile	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0
Geranium pratense	1	0	1	1	1	0	1	1	0	1	0	1	1	1	0	1	1	0	1	0	0	1	0
Geranium robertianum	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Geum urbanum	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Glyceria maxima	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	0
Hedera helix	1	0	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Holcus lanatus	1	0	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	0	0	1	0
Holcus mollis	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1
Humulus lupulus	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Hypericum maculatum	1	1	1	1	0	0	1	1	0	1	1	1	1	0	0	1	1	0	1	1	0	1	1
Ligustrum vulgare	0	0	0	0	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	0	1	1	0
Lolium perenne	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Lysimachia vulgaris	1	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	1	1	1	0	0	1	0
Melica uniflora	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0
Molinia caerulea agg.	0	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	0	1	1	0	1	1
Najas marina	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	0
Najas minor	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0
Nardus stricta	0	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	0	1	1
Persicaria hydropiper	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	0	0	1	0
Persicaria lapathifolia	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	0	1	1	0
Petasites hybridus	1	1	1	1	1	0	0	0	1	1	0	1	1	0	0	1	1	0	1	1	0	1	1
Phalaris arundinacea	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Phragmites australis	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Picea abies	1	1	1	1	0	1	1	1	0	1	1	1	1	0	0	0	1	0	1	1	0	1	1
Pinus mugo	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0
Pinus sylvestris	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	0	1	1	0
Poa chaixii	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	1	0	0	1
Poa trivialis	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0
Polygonum aviculare agg.	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Populus alba	0	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	1	0	0	1	0	0
Populus tremola	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Prunus mahaleb	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	1	0	0	1	0	0
Prunus padus subsp. *padus*	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	1	0	1	1	0	0	1	0
Prunus spinosa	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Pteridium aquilinum	1	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	1	0	1	1	0	1	1
Puccinellia distans	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0

	Region 1	Region 2	Region 3	Region 4	Region 5	Region 6	Region 7	Region 8	Region 9	Region 10	Region 11	Region 12	Region 13	Region 14	Region 15	Region 16	Region 17	Bohemian Thermophyticum	Bohemian Moravian Mesophyticum	Bohemian Moravian Oreophyticum	Pannonian Thermophyticum	Carpathian Mesophyticum	Carpathian Oreophyticum
Ranunculus repens	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Ranunculus rionii	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0
Rosa canina agg.	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Rubus caesius	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Rubus fruticosus agg.	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Rubus idaeus	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	1	1	0	1	1
Rumex obtusifolius	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0
Salix alba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0
Salix aurita	1	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Salix caprea	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Salix cinerea	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Salix euxina	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Sambucus nigra	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Saxifraga tridactylites	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Scirpus sylvaticus	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1
Senecio nemorensis agg.	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	0	1	1
Spergularia marina	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Tilia cordata	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	0	1	1	0
Torilis japonica	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Trifolium pratense	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0
Tussilago farfara	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	1
Typha latifolia	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0
Ulmus minor	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	1	0	0	1	0	0
Urtica dioica	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Vaccinium myrtillus	1	1	1	1	0	0	1	1	0	1	1	1	1	0	0	0	1	0	1	1	0	1	1
Valerianella locusta	0	0	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	0	1	1	0
Veratrum album subsp. *lobelianum*	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1
Viscum album	1	0	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	0	1	0	1	1	0

References

Kaplan Z. (2017): Flora and phytogeography of the Czech Republic. – In: Chytrý M., Danihelka J., Kaplan Z., & Pyšek P. (eds), Flora and vegetation of the Czech Republic, p. 89–163, Springer, Cham.