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 S4. Occurrence of expansive plants in broadly defined habitats. Expansive character is indicated by 1, non-expansive by 0.

	Aquatic vegetation	Reed beds and tall sedges	Vegetation of wetland herbs	Gravel bars	Calcareous fens and springs (incl. forests)	Acidic fens and springs (incl. forests)	Rocks and screes	Alpine and subalpine low vegetation	Alpine and subalpine tall vegetation	Mesic meadows and pastures	Wet meadows	Acidophilous grasslands and heathlands	Dry grasslands	Sands	Saline habitats	Mesic and xerophilous shrub	Alder and willow cars	Ash-alder alluvial forests and riparian scrub	Hardwood alluvial forests	Oak-hornbeam forests	Ravine forests	Beech forests	Oak forests	Natural pine forests	Natural spruce forests	Anthropogenic non-forest vegetation	Anthropogenic woodlands, clearings
Acer campestre	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	1	1	0	1	0	0	1	1
Acer platanoides	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	1	1	1	1	0	0	1	1
Acer pseudoplatanus	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	0	1	1	1	1	0	0	1	1
Aegopodium podagraria	0	0	1	0	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1
Agrostis canina	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Agrostis capillaris	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1
Alliaria petiolata	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1
Allium ursinum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Alnus glutinosa	0	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
Alopecurus pratensis	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Anthriscus sylvestris	0	0	1	0	0	0	1	0	0	1	1	1	1	0	0	1	1	1	0	1	1	0	0	0	0	1	1
Artemisia vulgaris	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Avenella flexuosa	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	1	1	1	1	0	1
Betula pendula	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	1	1	0	0	0	0	0	1	1	0	1	1
Bolboschoenus laticarpus	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Bolboschoenus planiculmis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
Brachypodium sylvaticum	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1

	Aquatic vegetation	Reed beds and tall sedges	Vegetation of wetland herbs	Gravel bars	Calcareous fens and springs (incl. forests)	Acidic fens and springs (incl. forests)	Rocks and screes	Alpine and subalpine low vegetation	Alpine and subalpine tall vegetation	Mesic meadows and pastures	Wet meadows	Acidophilous grasslands and heathlands	Dry grasslands	Sands	Saline habitats	Mesic and xerophilous shrub	Alder and willow cars	Ash-alder alluvial forests and riparian scrub	Hardwood alluvial forests	Oak-hornbeam forests	Ravine forests	Beech forests	Oak forests	Natural pine forests	Natural spruce forests	Anthropogenic non-forest vegetation	Anthropogenic woodlands, clearings
Bromus erectus	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Bromus inermis	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1
Calamagrostis canescens	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0
Calamagrostis epigejos	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	0	1	1
Calamagrostis villosa	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	1
Calluna vulgaris	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Calystegia sepium	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1
Carex acutiformis	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Carex brizoides	0	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1	1	1	0	1	1	0	1	1	1
Carex buekii	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carex hirta	0	0	0	0	0	1	0	0	0	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	1	1
Carex rostrata	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Carpinus betulus	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	1	1	0	1	0	0	1	1
Cerastium glomeratum	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Cerastium glutinosum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Cerastium semidecandrum	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Ceratophyllum submersum	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chaerophyllum aromaticum	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0
Chaerophyllum aureum	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Chelidonium majus	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	1	1
Chenopodium album agg.	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0
Cirsium eriophorum	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cirsium heterophyllum	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

	Aquatic vegetation	Reed beds and tall sedges	Vegetation of wetland herbs	Gravel bars	Calcareous fens and springs (incl. forests)	Acidic fens and springs (incl. forests)	Rocks and screes	Alpine and subalpine low vegetation	Alpine and subalpine tall vegetation	Mesic meadows and pastures	Wet meadows	Acidophilous grasslands and heathlands	Dry grasslands	Sands	Saline habitats	Mesic and xerophilous shrub	Alder and willow cars	Ash-alder alluvial forests and riparian scrub	Hardwood alluvial forests	Oak-hornbeam forests	Ravine forests	Beech forests	Oak forests	Natural pine forests	Natural spruce forests	Anthropogenic non-forest vegetation	Anthropogenic woodlands, clearings
Cirsium oleraceum	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
Cirsium vulgare	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Clematis vitalba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	1	1
Cornus sanguinea	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	1	0	0	1	1	0	0	1	0	0	1	1
Crataegus sp. div.	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	1	0	0	0	0	1	0	1	0	0	1	1
Crepis biennis	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Dactylis glomerata	0	0	0	1	0	0	1	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1
Deschampsia cespitosa	0	0	1	0	0	1	0	1	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0
Draba muralis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Elymus caninus	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	1	1	0	0	0	1
Elymus repens	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1
Epilobium angustifolium	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Epilobium lamyi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Eupatorium cannabinum	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
Fagus sylvatica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1
Fallopia dumetorum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
Festuca arundinacea	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
Filipendula ulmaria	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0
Frangula alnus	0	1	0	0	0	1	0	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	0	0	1
Fraxinus excelsior	0	0	0	0	1	0	1	0	0	1	1	0	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1
Galeopsis tetrahit agg.	0	1	1	1	0	0	1	0	0	1	1	0	0	0	0	1	0	1	0	1	1	1	1	0	0	1	1
Galium aparine	0	1	1	1	0	0	1	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1
Galium saxatile	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1

	Aquatic vegetation	Reed beds and tall sedges	Vegetation of wetland herbs	Gravel bars	Calcareous fens and springs (incl. forests)	Acidic fens and springs (incl. forests)	Rocks and screes	Alpine and subalpine low vegetation	Alpine and subalpine tall vegetation	Mesic meadows and pastures	Wet meadows	Acidophilous grasslands and heathlands	Dry grasslands	Sands	Saline habitats	Mesic and xerophilous shrub	Alder and willow cars	Ash-alder alluvial forests and riparian scrub	Hardwood alluvial forests	Oak-hornbeam forests	Ravine forests	Beech forests	Oak forests	Natural pine forests	Natural spruce forests	Anthropogenic non-forest vegetation	Anthropogenic woodlands, clearings
Geranium pratense	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Geranium robertianum	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0	1	1
Geum urbanum	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	1	0	0	1	1
Glyceria maxima	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Hedera helix	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1
Holcus lanatus	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Holcus mollis	0	0	0	0	0	1	0	1	0	1	1	1	1	1	0	1	0	1	0	0	0	0	1	0	0	1	0
Humulus lupulus	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1
Hypericum maculatum	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ligustrum vulgare	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	1	0	0	1	0	0	1	1
Lolium perenne	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Lysimachia vulgaris	0	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
Melica uniflora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1
Molinia caerulea agg.	0	0	0	0	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1
Najas marina	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Najas minor	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nardus stricta	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Persicaria hydropiper	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Persicaria lapathifolia	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Petasites hybridus	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Phalaris arundinacea	0	1	1	1	0	1	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1
Phragmites australis	1	1	1	0	1	1	0	0	0	1	1	0	0	0	1	0	1	1	0	0	0	0	0	0	0	1	0
Picea abies	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	0	1	0	0	0	1	1	1	0	1	1

	Aquatic vegetation	Reed beds and tall sedges	Vegetation of wetland herbs	Gravel bars	Calcareous fens and springs (incl. forests)	Acidic fens and springs (incl. forests)	Rocks and screes	Alpine and subalpine low vegetation	Alpine and subalpine tall vegetation	Mesic meadows and pastures	Wet meadows	Acidophilous grasslands and heathlands	Dry grasslands	Sands	Saline habitats	Mesic and xerophilous shrub	Alder and willow cars	Ash-alder alluvial forests and riparian scrub	Hardwood alluvial forests	Oak-hornbeam forests	Ravine forests	Beech forests	Oak forests	Natural pine forests	Natural spruce forests	Anthropogenic non-forest vegetation	Anthropogenic woodlands, clearings
Pinus mugo	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pinus sylvestris	0	0	0	0	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Poa chaixii	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poa trivialis	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1
Polygonum aviculare agg.	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
Populus alba	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
Populus tremola	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1
Prunus mahaleb	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1
Prunus padus subsp. *padus*	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1
Prunus spinosa	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	1	0	1	1
Pteridium aquilinum	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	1	1	1	0	1	1
Puccinellia distans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ranunculus repens	0	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1
Ranunculus rionii	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rosa canina agg.	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	1	0	0	0	1	0	0	1	0	0	1	1
Rubus caesius	0	1	1	1	0	0	0	0	0	1	1	0	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1
Rubus fruticosus agg.	0	1	1	1	0	0	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1
Rubus idaeus	0	0	1	1	0	0	1	0	0	1	1	1	1	0	0	1	0	1	0	1	1	1	1	1	1	1	1
Rumex obtusifolius	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Salix alba	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Salix aurita	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1
Salix caprea	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1
Salix cinerea	0	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1

	Aquatic vegetation	Reed beds and tall sedges	Vegetation of wetland herbs	Gravel bars	Calcareous fens and springs (incl. forests)	Acidic fens and springs (incl. forests)	Rocks and screes	Alpine and subalpine low vegetation	Alpine and subalpine tall vegetation	Mesic meadows and pastures	Wet meadows	Acidophilous grasslands and heathlands	Dry grasslands	Sands	Saline habitats	Mesic and xerophilous shrub	Alder and willow cars	Ash-alder alluvial forests and riparian scrub	Hardwood alluvial forests	Oak-hornbeam forests	Ravine forests	Beech forests	Oak forests	Natural pine forests	Natural spruce forests	Anthropogenic non-forest vegetation	Anthropogenic woodlands, clearings
Salix euxina	0	1	1	1	0	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
Sambucus nigra	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1
Saxifraga tridactylites	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Scirpus sylvaticus	0	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1
Senecio nemorensis agg.	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	1	0	1	0	1	1	1	1	0	1	1	1
Spergularia marina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Tilia cordata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	1
Torilis japonica	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	1	1	0	1	0	0	1	1
Trifolium pratense	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Tussilago farfara	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Typha latifolia	1	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
Ulmus minor	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	1	1
Urtica dioica	0	1	1	1	1	1	1	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1
Vaccinium myrtillus	0	0	0	0	0	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	1	1	1	1	0	1
Valerianella locusta	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Veratrum album subsp. *lobelianum*	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viscum album	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	0	1	1