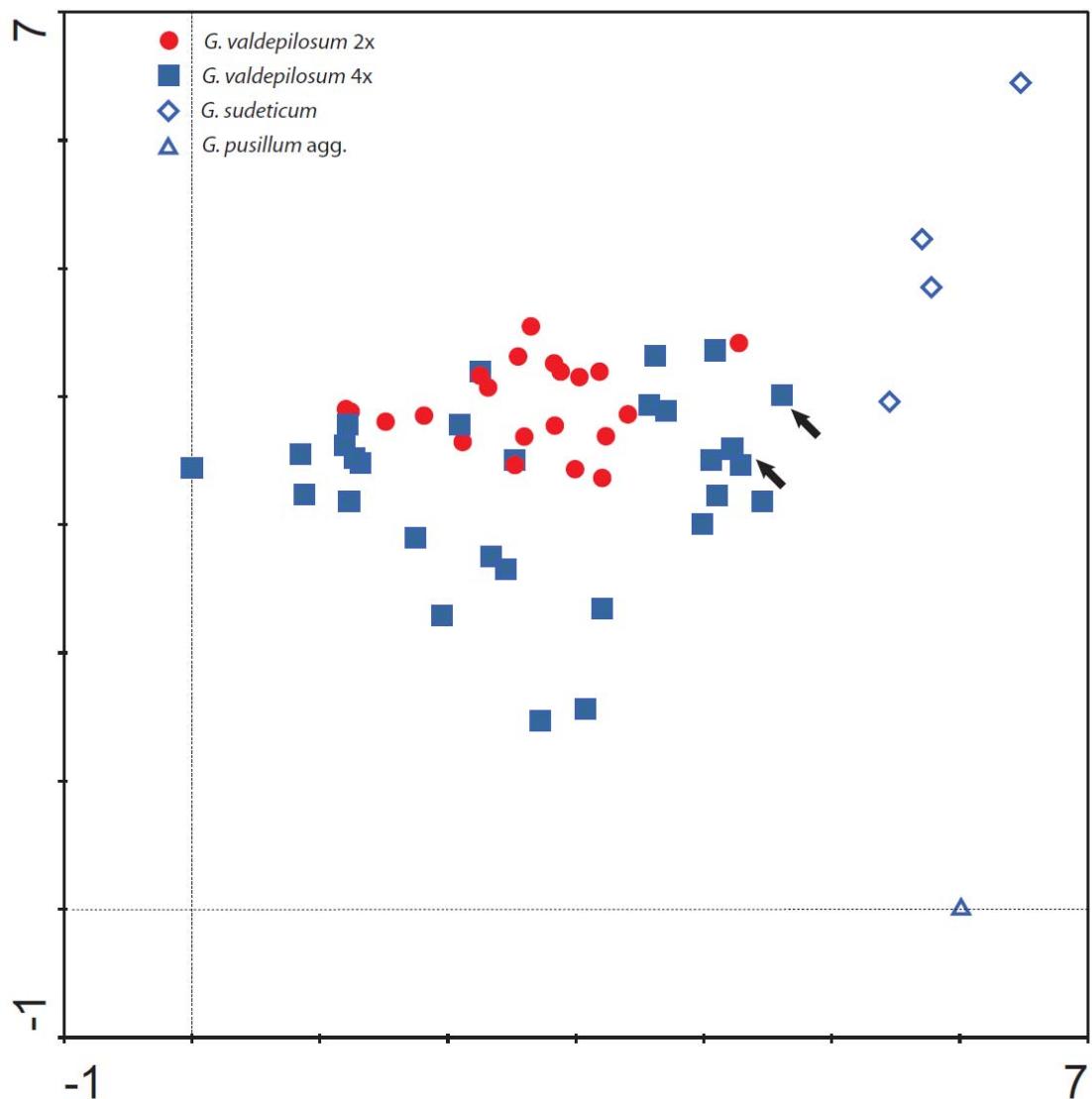
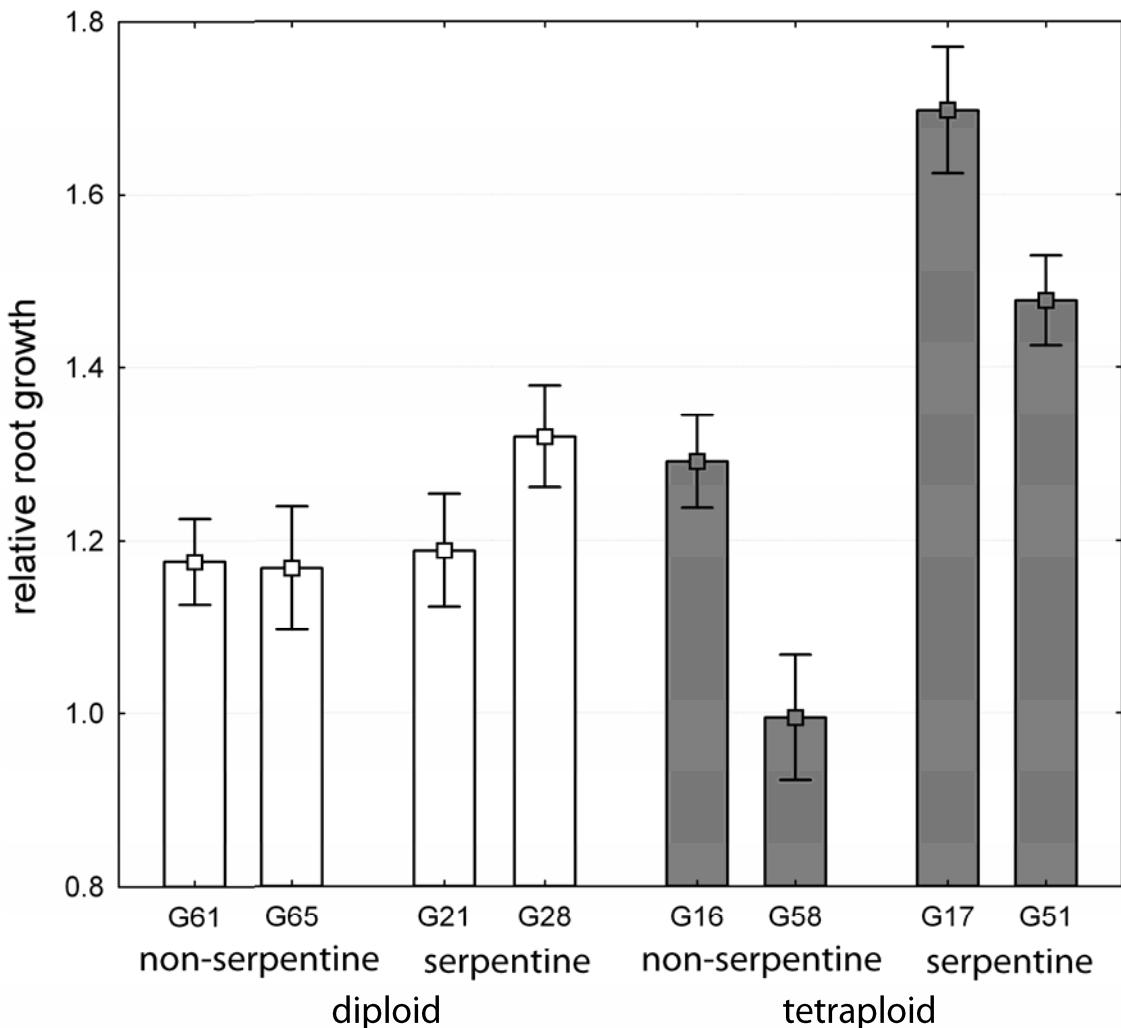


Kolář F., Lučanová M., Koutecký P., Dortová M., Knotek A. & Suda J. (xxxx): Spatio-ecological segregation of di- and tetraploid cytotypes of *Galium valdepilosum* (Rubiaceae) in Central Europe. – Preslia xx: xx-xx.

Electronic appendix 1. – Habitat preferences of *G. valdepilosum* (di- and tetraploid cytotypes), *G. sudeticum* and one taxonomically uncertain population of *G. pusillum* agg. from the Králický Sněžník Mts. The patterns in floristic composition of 55 vegetation samples are visualized using the detrended correspondence analysis (the first and second ordination axes explain 5.7 % and 5.1 % of the total variation, respectively). Serpentine populations from western Bohemia previously referred to as *G. sudeticum* but mostly likely conspecific with *G. valdepilosum* are marked by an arrow.



Electronic appendix 2. – Different response in growth of the root system of seedlings of diploid and tetraploid *G. valdepilosum* populations of different substrate origin (serpentine vs. non-serpentine) planted in a hydroponic cultivation. Square symbols and vertical bars denote means and standard errors of the mean, respectively. See Appendix 1 for population details.



<i>Euonymus</i>		
<i>verrucosus</i>	sh	.
<i>Fagus sylvatica</i>	sh	.
	.	a
<i>Frangula alnus</i>	sh	.
<i>Fraxinus</i>	m	.
<i>excelsior</i>	.	.
<i>Lonicera</i>	.	+
<i>xystoствum</i>	sh	.
	.	1
<i>Picea abies</i>	sh	.
	.	+
<i>Pinus sylvestris</i>	sh	.
	.	1
<i>Prunus spinosa</i>	sh	.
	.	1
<i>Pyrus communis</i>	sh	m
	.	.
<i>Quercus petraea</i>	sh	m
	.	a
	1	1
	1	.
<i>Quercus robur</i>	sh	.
<i>Rhamnus</i>	.	.
<i>cathartica</i>	sh	.
	.	.
<i>Robinia</i>	.	.
<i>pseudacacia</i>	sh	.
	.	.
<i>Rosa canina</i>	sh	.
<i>agg.</i>	sh	.
	.	.
<i>Rosa species</i>	sh	.
	.	+
<i>Salix caprea</i>	sh	.
	.	.
<i>Salix silesiaca</i>	sh	.
<i>Sorbus</i>	.	.
<i>aucuparia</i>	sh	.
	.	1
<i>Abies alba</i>	he	.
	.	r
<i>Acer campestre</i>	he	.
	.	r
	r	.
<i>Acer platanoides</i>	he	.
	.	r
<i>Acer</i>	.	.
<i>pseudoplatanus</i>	he	.
	.	r
	r	.
	+ .	.
<i>Acinos arvensis</i>	he	.
	.	r
<i>Agrimonia</i>	.	.
<i>eupatoria</i>	he	.
	.	r
<i>Agropyron</i>	.	.
<i>intermedium</i>	.	.
s.str.	he	r
<i>Agrostis</i>	.	.
<i>capillaris</i>	he	.
<i>Agrostis</i>	.	.
<i>rupestris</i>	he	.
<i>Achillea</i>	.	.
<i>millefolium agg.</i>	he	r
	.	m
	r	r
	r	+
	1	.
	r	+
<i>Ajuga</i>	.	.
<i>genevensis</i>	he	.
	r	+
	1	.
	r	+
	1	r
	r	.
<i>Allium</i>	he	.
	.	.
	.	+
	.	.
	.	+
	.	.

<i>oleraceum</i>																						
<i>Allium</i>																						
<i>senescens</i> ssp.																						
<i>montanum</i>	he	.	.	.	1	.	.	.	.	.	.	.	.	r	.	.	.	r	.	+	.	
<i>Allium vineale</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	r	.	r	.	.	
<i>Anemone</i>																						
<i>narcissiflora</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	
<i>Anthericum</i>																						
<i>ramosum</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	r	.	r	.	.	
<i>Anthoxanthum</i>															r	.	r	.	.	+	1	
<i>odoratum</i>	he	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	b	
<i>Anthyllis</i>																						
<i>vulneraria</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	r	.	.	.	
<i>Arabis turrita</i>	he	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	r	.	.	
<i>Arrhenatherum</i>																						
<i>elatius</i>	he	.	.	.	.	.	r	.	r	+	.	r	r	1	r	1	r	a	.	.	+	1
<i>Artemisia</i>																			r	.	.	.
<i>campestris</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.
<i>Artemisia</i>																			r	.	.	.
<i>vulgaris</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	r	.	.	.	.
<i>Asperula</i>																						
<i>cynanchica</i>	he	+	.	.	+	.	.	.	.	.	.	.	.	+	.	.	.	+	.	+	1	.
<i>Asperula</i>																						
<i>tinctoria</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	+	.	.
<i>Asplenium</i>																			r	.	.	.
<i>cuneifolium</i>	he	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	+	.
<i>Asplenium ruta-</i>																			r	.	.	.
<i>muraria</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	r	.	r	r	.	.	.	+	.
<i>Asplenium</i>																			r	.	.	.
<i>septentrionale</i>	he	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.
<i>Asplenium</i>																		r	.	.	.	.
<i>trichomanes</i>	he	.	+	.	.	.	.	.	.	.	.	.	.	r	.	r	r	.	.	.	.	.
<i>Asplenium viride</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	r	r	+	.
<i>Aster amellus</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.
<i>Aster linosyris</i>	he	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Astragalus</i>																						
<i>glycyphyllos</i>	he	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Athyrium filix-</i>																						
<i>femina</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.
<i>Aurinia saxatilis</i>	he	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Avenella</i>																						
<i>flexuosa</i>	he	.	.	.	1	r	.	a	+	.	3	b	b	1	.	.	.	a	3	.	.	.
<i>Avenula</i>																		b	m	a	.	5
<i>pratensis</i>	he	a	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.
<i>Bartsia alpina</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.
<i>Berberis vulgaris</i>	he	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+	.	.	.	.
<i>Betula pendula</i>	he	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.

<i>Biscutella</i>		
<i>laevigata</i>	he	m .
<i>Bothriochloa</i>		.. .
<i>ischaemum</i>	he	.. .
<i>Botrychium</i>		.. .
<i>lunaria</i>	he	.. .
<i>Brachypodium</i>		.. .
<i>pinnatum</i>	he	.. .
<i>Brachypodium</i>		.. .
<i>sylvaticum</i>	he	.. .
<i>Bupleurum</i>		.. .
<i>falcatum</i>	he	+ m . + + . r m
<i>Calamagrostis</i>		.. .
<i>arundinacea</i>	he	.. .
<i>Calamagrostis</i>		.. .
<i>epigejos</i>	he	+ r r r r + .
<i>Calamagrostis</i>		.. .
<i>willosa</i>	he	.. .
<i>Calluna vulgaris</i>	he	.. .
<i>Campanula</i>		.. .
<i>glomerata</i>	he	.. .
<i>Campanula</i>		.. .
<i>persicifolia</i>	he	.. .
<i>Campanula</i>		.. .
<i>rotundifolia</i>	he	.. . . . . r + . r
<i>Campanula</i>		.. .
<i>trachelium</i>	he	.. .
<i>Cardaminopsis</i>		.. .
<i>arenosa</i>	he	.. .
<i>Carduus</i>		.. .
<i>defloratus</i>	he	.. .
<i>Carex</i>		.. .
<i>caryophyllea</i>	he	.. .
<i>Carex digitata</i>	he	+ .
<i>Carex flacca</i>	he	.. .
<i>Carex humilis</i>	he	1 a . a . b . + b m
<i>Carex michelii</i>	he	.. .
<i>Carex montana</i>	he	.. .
<i>Carex muricata</i>		.. .
agg.	he	.. .
<i>Carex</i>		.. .
<i>ornithopoda</i>	he	.. .
<i>Carex spicata</i>	he	.. .
<i>Carlina acaulis</i>	he	.. .
<i>Carlina vulgaris</i>	he	r .
<i>Carpinus betulus</i>	he	r r . . 1 . . . 1 1 + . r 1
<i>Centaurea jacea</i>	he	.. .

<i>Centaurea scabiosa</i>	he r m + .
<i>Centaurea stoebe s.lat.</i>	he r r .
<i>Centaurea triumfettii</i>	he + 1 .
<i>Cirsium pannonicum</i>	he . +
<i>Clematis vitalba</i>	he r .
<i>Clinopodium vulgare</i>	he + .
<i>Convallaria majalis</i>	he . a
<i>Convolvulus arvensis</i>	he .
<i>Cornus mas</i>	he r .
<i>Cornus sanguinea</i>	he r . 1 a
<i>Coronilla varia</i>	he + .
<i>Corylus avellana</i>	he r r r . . r . + 1 . . . 1 . . . r . . . 1
<i>Cotoneaster integrerrimus</i>	he .
<i>Crataegus species</i>	he .
<i>Crataegus species</i>	he r .
<i>Crepis biennis</i>	he r .
<i>Cruciata glabra</i>	he .
<i>Cytisus nigricans</i>	he r . . r + 1 + .
<i>Dactylis glomerata</i>	he . r . . 1
<i>Dactylis polygama</i>	he . 1
<i>Daphne mezereum</i>	he .
<i>Daucus carota</i>	he + r .
<i>Dianthus carthusianorum</i>	he r + .
<i>Dianthus pontederae</i>	he + .
<i>Digitalis grandiflora</i>	he . b .
<i>Dorycnium germanicum</i>	he m m . 1 +
<i>Draba alzoides</i>	he .
<i>Dryopteris filix-mas</i>	he + . 1

<i>Hieracium</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	1	.	.	.	.	.	.	r	.	.	.	
<i>species</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Hylotelephium</i>	he	.	m	.	.	.	+	.	r	.	.	r	.	.	.	.	.	+	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>maximum</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Hypericum</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>maculatum</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Hypericum</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>montanum</i>	he	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Hypericum</i>	he	.	.	.	.	.	.	+	.	+	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>perforatum</i>	he	.	.	.	.	.	.	r	+	.	+	1	.	r	.	.	r	.	.	r	+	.	.	.	.	.	.	.	+	r	r	+	.	.			
<i>Chamaecytisus</i>	he	r	1	.	.	1	.	.	.	.	.	.	1	.	.	.	.	.	+	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.
<i>ratisbonensis</i>	he	r	1	.	.	1	.	.	.	.	.	.	1	.	.	.	.	.	+	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.
<i>Chelidonium</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>majus</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Impatiens</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>parviflora</i>	he	.	.	r	.	.	.	r	.	r	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Inula conyzoides</i>	he	.	.	.	.	.	.	.	.	.	.	.	r	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Inula ensifolia</i>	he	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	m	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.
<i>Inula germanica</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Inula oculus-</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>christi</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Jasione</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>montana</i>	he	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Knautia arvensis</i>	he	.	.	r	.	.	r	.	.	.	.	.	+	1	+	.	+	.	1	.	r	.	.	.	r	.	1	.	.	.	.	.	.	.	.	.
<i>Knautia drymeia</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Koeleria</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	b	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>macrantha</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Koeleria</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>pyramidalis</i> auct.	he	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Lapsana</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>communis</i>	he	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Laserpitium</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>latifolium</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Lathyrus niger</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Lathyrus</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>sylvestris</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Leontodon</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>hispidus</i>	he	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Leontodon</i>	he	.	.	.	.	+	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>incanus</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Leucanthemum</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>vulgare</i> agg.	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Ligustrum</i>	he	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>vulgare</i>	he	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Linaria vulgaris</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Linum</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>catharticum</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Listera ovata</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

<i>Lonicera nigra</i>	he	r	
<i>Lonicera xylosteum</i>	he	1	1	r	.	.	r	
<i>Lotus corniculatus</i>	he	r	.	.	+	1	.	.	.	.	.	+	.	.	.	+	.	.	.	.	.	.	.	.	.	.	1	a	.
<i>Luzula campestris agg.</i>	he	.	.	r	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Luzula luzulina</i>	he	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Luzula luzuloides</i>	he	.	.	.	r	.	1	.	.	+	.	.	.	.	.	1	+	.	.	r	.	.	.	.	1	.	.	1	.
<i>Luzula pilosa</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	+
<i>Lychnis viscaria</i>	he	.	.	.	.	.	.	.	+	.	r	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Medicago lupulina</i>	he	.	.	.	.	.	.	.	+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Melampyrum arvense</i>	he	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Melampyrum cristatum</i>	he	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Melampyrum nemorosum</i>	he	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	r	.	.	r	.	.	.	.	.	.	.
<i>Melampyrum pratense</i>	he	.	.	.	.	.	.	.	r	.	.	.	r	.	.	.	.	.	+	r	.	.	.	r	r	.	.	.	.
<i>Melica ciliata</i>	he	.	.	.	.	.	.	.	.	.	.	.	r	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.
<i>Melica nutans</i>	he	1	.	.	.	.	.	.	.	.	.	+	.	+	.	.	.	+	r	.	.	.	.	+	.	1	.	.	.
<i>Melica uniflora</i>	he	+	.	+	
<i>Mercurialis ovata</i>	he	+	1	
<i>Mercurialis perennis</i>	he	r	1	.	
<i>Microrrhinum minus</i>	he	r
<i>Moehringia trinervia</i>	he	r
<i>Molinia arundinacea</i>	he	1	
<i>Mycelis muralis</i>	he	+	+	.	1	.	r	.	1	.	.	.	r	r	.	
<i>Myosotis sylvatica</i>	he	+
<i>Onobrychis arenaria</i>	he	r
<i>Onobrychis viciifolia</i>	he	m
<i>Ophrys insectifera</i>	he	r
<i>Orchis pallens</i>	he	1	.	r	r	.	.	r
<i>Origanum vulgare</i>	he	1	.	r	r	.	.	r

Electronic appendix 4. – Header data for 55 vegetation samples from the Electronic appendix 3. The samples are sorted according to *Galium* species / cytotype.

Population code	Taxon / cytotype	Aspect (degrees)	Slope (degrees)	Cover tree layer (%)	Cover shrub layer (%)	Cover herb layer (%)	Cover moss layer (%)	Cover bare rock (%)
G021	<i>G. valdepilosum</i> - 2x	180	5	40	5	50	60	0
G028	<i>G. valdepilosum</i> - 2x	225	40	20	5	60	5	7
G061	<i>G. valdepilosum</i> - 2x	23	80	30	5	25	20	70
G062	<i>G. valdepilosum</i> - 2x	360	30	10	0	60	70	10
G065	<i>G. valdepilosum</i> - 2x	270	40	0	5	70	20	5
G090	<i>G. valdepilosum</i> - 2x	360	30	30	5	50	95	2
G091	<i>G. valdepilosum</i> - 2x	293	15	60	20	55	3	0
G092	<i>G. valdepilosum</i> - 2x	293	30	10	30	50	60	0
G093	<i>G. valdepilosum</i> - 2x	315	15	25	7	40	50	1
G094	<i>G. valdepilosum</i> - 2x	360	15	80	1	55	40	0
G095	<i>G. valdepilosum</i> - 2x	180	5	25	10	35	95	0
G096	<i>G. valdepilosum</i> - 2x	158	40	30	0	30	1	2
G099	<i>G. valdepilosum</i> - 2x	203	25	0	0	50	5	7
G102	<i>G. valdepilosum</i> - 2x	225	10	25	0	65	75	1
G103	<i>G. valdepilosum</i> - 2x	0	0	20	40	45	55	0
G104	<i>G. valdepilosum</i> - 2x	180	3	30	0	55	50	0
G105	<i>G. valdepilosum</i> - 2x	203	1	25	0	30	30	0
G117	<i>G. valdepilosum</i> - 2x	315	10	0	0	50	95	0
G134	<i>G. valdepilosum</i> - 2x	180	40	0	60	50	40	2
G158	<i>G. valdepilosum</i> - 2x	0	0	40	5	45	7	0
G159	<i>G. valdepilosum</i> - 2x	225	30	0	0	60	0	10
G163	<i>G. valdepilosum</i> - 2x	270	40	10	5	50	70	0
G165	<i>G. valdepilosum</i> - 2x	90	25	20	15	40	30	0
G016	<i>G. valdepilosum</i> - 4x	180	25	40	0	20	10	5
G017	<i>G. valdepilosum</i> - 4x	225	25	20	0	80	40	0
G036	<i>G. valdepilosum</i> - 4x	203	25	20	5	40	20	0
G036	<i>G. valdepilosum</i> - 4x	180	35	0	0	20	5	0
G037	<i>G. valdepilosum</i> - 4x	180	10	70	0	8	5	0
G040	<i>G. valdepilosum</i> - 4x	293	35	10	0	6	10	0
G041	<i>G. valdepilosum</i> - 4x	225	10	60	10	30	60	0
G042	<i>G. valdepilosum</i> - 4x	248	15	40	0	50	70	0
G043	<i>G. valdepilosum</i> - 4x	270	30	10	10	30	40	0
G044	<i>G. valdepilosum</i> - 4x	180	5	70	0	40	40	0
G045	<i>G. valdepilosum</i> - 4x	225	70	70	5	30	40	20
G046	<i>G. valdepilosum</i> - 4x	225	25	30	5	40	70	0
G046	<i>G. valdepilosum</i> - 4x	270	90	0	0	15	5	85
G047	<i>G. valdepilosum</i> - 4x	180	15	10	0	50	60	20
G048	<i>G. valdepilosum</i> - 4x	270	10	20	0	60	50	10
G050	<i>G. valdepilosum</i> - 4x	270	90	0	0	40	70	10
G051	<i>G. valdepilosum</i> - 4x	23	90	20	5	60	40	0
G058	<i>G. valdepilosum</i> - 4x	203	30	80	0	35	10	0
G059	<i>G. valdepilosum</i> - 4x	180	30	20	10	50	30	15
G060	<i>G. valdepilosum</i> - 4x	23	35	0	5	60	10	0
G106	<i>G. valdepilosum</i> - 4x	248	5	25	2	90	50	0
G116	<i>G. valdepilosum</i> - 4x	203	15	0	0	60	3	0
G244	<i>G. valdepilosum</i> - 4x	225	15	0	0	80	0	10

G272	<i>G. valdepilosum</i> - 4x	315	70	20	15	85	60	15
G273	<i>G. valdepilosum</i> - 4x	225	40	10	15	65	50	15
G032	<i>G. valdepilosum</i> - 4x W Bohemian serpentines	180	50	2	0	40	70	0
G136	<i>G. valdepilosum</i> - 4x W Bohemian serpentines	90	20	0	0	60	70	0
G171	<i>G. sudeticum</i> Krkonoše Mts.	23	30	0	60	50	3	40
G171	<i>G. sudeticum</i> Krkonoše Mts.	90	35	0	0	6	0	80
G212	<i>G. sudeticum</i> Krkonoše Mts.	203	35	75	0	30	30	40
G260	<i>G. sudeticum</i> Krkonoše Mts.	90	30	0	0	75	10	10
G135	<i>G. pusillum</i> agg. Králický Sněžník Mts.	180	35	30	0	40	20	30

Electronic appendix 5. – Results of soil analyses from 49 sites of *G. valdepilosum* and *G. sudeticum* where phytosociological relevés were recorded. Values of Ca/Mg ratio below 1, i.e. those typical for serpentine soils, are in bold.

Taxon	No	pH (H ₂ O extract)	N (%)	C (%)	C/N	Ca (mg/kg)	Mg (mg/kg)	Ca/Mg	K (mg/kg)	CEC (mmol/kg)
<i>G. valdepilosum</i> - 2x	G021	5.93	0.640	15.81	24.71	2497.50	4031.25	0.62	102.68	387.79
<i>G. valdepilosum</i> - 2x	G028	6.34	0.419	9.18	21.93	2027.50	4657.50	0.44	173.87	422.94
<i>G. valdepilosum</i> - 2x	G061	5.19	0.500	11.58	23.14	2266.25	473.25	4.79	121.15	282.15
<i>G. valdepilosum</i> - 2x	G062	4.57	0.678	9.67	14.28	2197.50	323.13	6.80	136.74	267.66
<i>G. valdepilosum</i> - 2x	G065	5.10	0.160	2.99	18.72	1568.75	208.25	7.53	138.79	185.43
<i>G. valdepilosum</i> - 2x	G090	4.49	0.616	11.67	18.95	2272.50	851.50	2.67	200.13	319.92
<i>G. valdepilosum</i> - 2x	G091	5.10	0.252	5.15	20.43	1573.75	344.63	4.57	98.96	197.57
<i>G. valdepilosum</i> - 2x	G092	6.29	0.527	6.98	13.23	4088.75	132.25	30.92	83.51	193.95
<i>G. valdepilosum</i> - 2x	G093	5.05	0.493	6.38	12.94	2441.25	627.50	3.89	116.33	259.94
<i>G. valdepilosum</i> - 2x	G094	4.71	0.300	3.68	12.27	914.13	148.13	6.17	102.68	161.62
<i>G. valdepilosum</i> - 2x	G095	5.75	0.603	11.23	18.62	2617.50	2528.75	1.04	96.02	382.75
<i>G. valdepilosum</i> - 2x	G096	6.55	0.179	2.11	11.84	1751.25	379.75	4.61	68.31	105.85
<i>G. valdepilosum</i> - 2x	G099	5.19	0.248	2.98	12.01	1355.00	338.75	4.00	136.33	174.03
<i>G. valdepilosum</i> - 2x	G102	4.53	0.308	4.43	14.37	865.75	124.95	6.93	70.27	175.08
<i>G. valdepilosum</i> - 2x	G103	4.27	0.236	3.07	13.00	577.38	88.66	6.51	64.48	143.70
<i>G. valdepilosum</i> - 2x	G104	4.15	0.313	2.91	9.30	243.63	50.61	4.81	41.89	125.82
<i>G. valdepilosum</i> - 2x	G105	4.79	0.334	4.42	13.21	1061.88	88.14	12.05	44.20	144.49
<i>G. valdepilosum</i> - 2x	G117	7.46	0.68	9.44	13.85	8481.25	250.50	33.86	272.20	
<i>G. valdepilosum</i> - 2x	G158	6.48	0.21	3.78	18.01	3853.75	373.88	10.31	156.75	
<i>G. valdepilosum</i> - 2x	G159	7.59	0.11	5.19	48.24	11007.50	150.50	73.14	89.10	
<i>G. valdepilosum</i> - 2x	G163	6.79	0.69	9.53	13.90	3087.50	4191.25	0.74	239.46	
<i>G. valdepilosum</i> - 2x	G165	6.56	0.23	3.40	14.72	3243.75	278.50	11.65	89.58	
<i>G. valdepilosum</i> - 2x	G166	5.24	0.85	11.87	13.94	1715.00	459.50	3.73	126.92	
<i>G. valdepilosum</i> - 4x	G016	4.36	0.269	6.28	23.38	1431.25	184.75	7.75	175.41	273.03
<i>G. valdepilosum</i> - 4x	G017	5.90	0.627	9.66	15.42	1151.50	3316.25	0.35	75.94	268.91
<i>G. valdepilosum</i> - 4x	G036	7.65	0.168	6.68	39.69	11412.50	402.63	28.35	131.41	465.75
<i>G. valdepilosum</i> - 4x	G037	4.56	1.862	23.27	12.50	2167.50	1428.75	1.52	158.49	331.78
<i>G. valdepilosum</i> - 4x	G040	7.65	0.476	9.84	20.69	29150.00	197.83	147.35	152.23	1630.54
<i>G. valdepilosum</i> - 4x	G041	4.42	0.775	10.80	13.93	1388.75	104.59	13.28	164.54	234.74
<i>G. valdepilosum</i> - 4x	G042	4.10	0.398	7.27	18.24	511.88	67.38	7.60	92.11	195.48
<i>G. valdepilosum</i> - 4x	G043	7.38	1.603	21.85	13.63	11684.57	2449.62	4.77	189.77	789.49
<i>G. valdepilosum</i> - 4x	G044	6.61	1.435	22.31	15.54	6392.50	3110.00	2.06	164.13	605.07
<i>G. valdepilosum</i> - 4x	G045	7.34	1.522	25.36	16.66	15862.50	3060.00	5.18	154.69	870.48
<i>G. valdepilosum</i> - 4x	G046	7.57	0.595	16.51	27.76	8296.25	2572.50	3.22	81.56	501.79
<i>G. valdepilosum</i> - 4x	G047	5.48	1.018	12.48	12.25	1528.75	3040.00	0.50	184.44	278.32
<i>G. valdepilosum</i> - 4x	G048	4.56	1.497	19.52	13.04	1773.75	2212.50	0.80	128.94	342.69
<i>G. valdepilosum</i> - 4x	G049	4.61	0.581	7.93	13.66	1515.00	160.50	9.44	299.23	234.03
<i>G. valdepilosum</i> - 4x	G050	5.19	1.477	25.09	16.98	1051.75	1476.25	0.71	147.61	404.94
<i>G. valdepilosum</i> - 4x	G051	4.93	0.600	12.78	21.30	1473.75	1436.25	1.03	104.84	265.53
<i>G. valdepilosum</i> - 4x	G058	5.32	0.496	5.34	10.76	2551.25	205.01	12.44	339.95	254.84
<i>G. valdepilosum</i> - 4x	G059	6.21	2.274	35.30	15.52	16300.00	479.38	34.00	202.80	889.01
<i>G. valdepilosum</i> - 4x	G060	7.70	0.435	13.76	31.66	11351.25	91.09	124.62	102.99	536.80
<i>G. valdepilosum</i> - 4x	G106	3.97	0.256	6.13	24.00	387.75	168.13	2.31	49.93	213.66
<i>G. valdepilosum</i> - 4x	G116	7.47	0.41	5.52	13.55	9390.00	139.13	67.49	164.41	
<i>G. valdepilosum</i> - 4x	G134	7.66	0.27	7.35	26.79	12590.69	92.35	136.34	327.47	645.33
<i>G. valdepilosum</i> - 4x W	G032	5.3	0.76	10.72	14.11	1370.00	1472.50	NA	139.40	

Bohemian serpentines								
<i>G. valdepilosum</i> - 4x W	G136	5.25	1.18	16.21	13.73	2051.25	3406.25	0.6
Bohemian serpentines								243.03
<i>G. sudeticum</i> Krkonoše	G171	5.91	0.53	6.05	11.38	1247.30	57.30	21.77
Mts.								93.36
<i>G. pusillum</i> agg. Králický	G171	7.43	0.42	13.44	32.10	5863.75	938.25	6.25
Sněžník Mts.								70.01
