Hejda M., Sádlo J., Kutlvašr J., Petřík P., Vítková M., Vojík M., Pyšek P. & Pergl J. (2021) Impact of invasive and native dominants on species richness and diversity of plant communities. – Preslia 93: 181–201.

Electronic appendices 1–2:

Electronic appendix 1. – Locations (WGS84) of plots where the vegetation with dominant taxa were sampled. Origin: A – alien, N – native; Plot size: 0/1 – only large plots available, 1/1 – small and large plots. Maps given below.

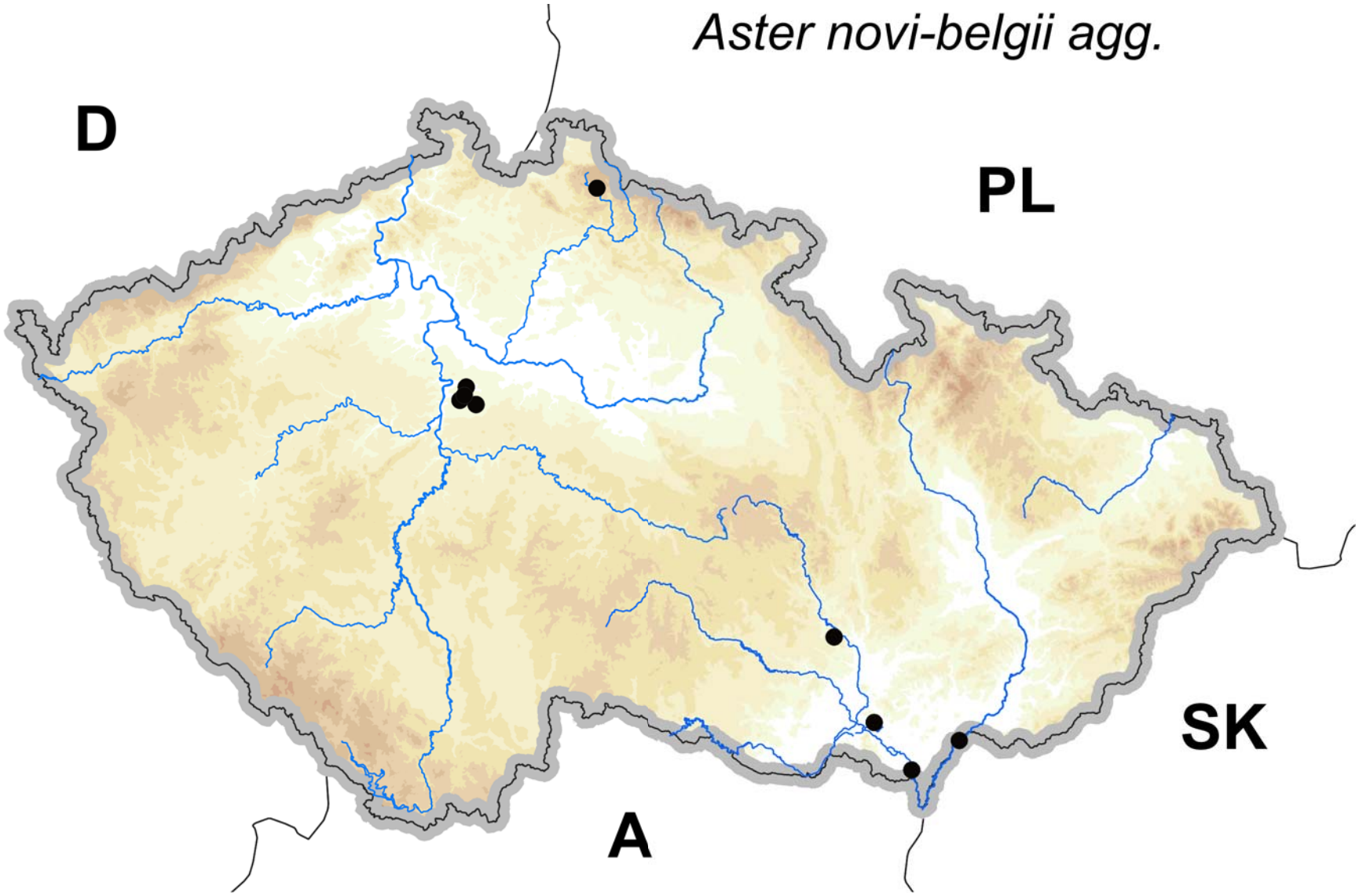
Dominant taxa	Origin	Latitude	Longitude	Plot size
Aster novi-belgii agg.	A	48.75	16.89	1/1
Aster novi-belgii agg.	A	48.85	17.14	1/1
Aster novi-belgii agg.	A	48.92	16.70	0/1
Aster novi-belgii agg.	A	49.22	16.50	0/1
Aster novi-belgii agg.	A	50.03	14.59	0/1
Aster novi-belgii agg.	A	50.04	14.50	0/1
Aster novi-belgii agg.	A	50.05	14.50	0/1
Aster novi-belgii agg.	A	50.06	14.52	1/1
Aster novi-belgii agg.	A	50.09	14.54	0/1
Aster novi-belgii agg.	A	50.78	15.24	0/1
Calamagrostis epigejos	N	49.69	17.03	0/1
Calamagrostis epigejos	N	49.70	15.74	1/1
Calamagrostis epigejos	N	49.70	15.76	1/1
Calamagrostis epigejos	N	49.81	13.42	1/1
Calamagrostis epigejos	N	49.99	14.40	1/1
Calamagrostis epigejos	N	50.00	14.17	0/1
Calamagrostis epigejos	N	50.03	14.58	1/1
Calamagrostis epigejos	N	50.03	14.59	1/1
Calamagrostis epigejos	N	50.09	14.29	1/1
Calamagrostis epigejos	N	50.13	14.15	1/1
Calamagrostis epigejos	N	50.15	14.56	0/1
Calamagrostis epigejos	N	50.56	14.66	0/1
Cirsium arvense	N	49.56	15.54	1/1
Cirsium arvense	N	49.56	15.56	1/1
Cirsium arvense	N	49.60	15.61	1/1
Cirsium arvense	N	49.70	15.75	1/1
Cirsium arvense	N	49.70	15.76	1/1
Cirsium arvense	N	49.81	16.13	1/1
Cirsium arvense	N	50.08	14.33	1/1
Cirsium arvense	N	50.56	14.66	0/1
Cirsium arvense	N	50.57	14.51	0/1
Cirsium heterophyllum	N	48.94	13.71	0/1
Cirsium heterophyllum	N	48.95	13.71	0/1
Cirsium heterophyllum	N	48.95	13.72	0/1

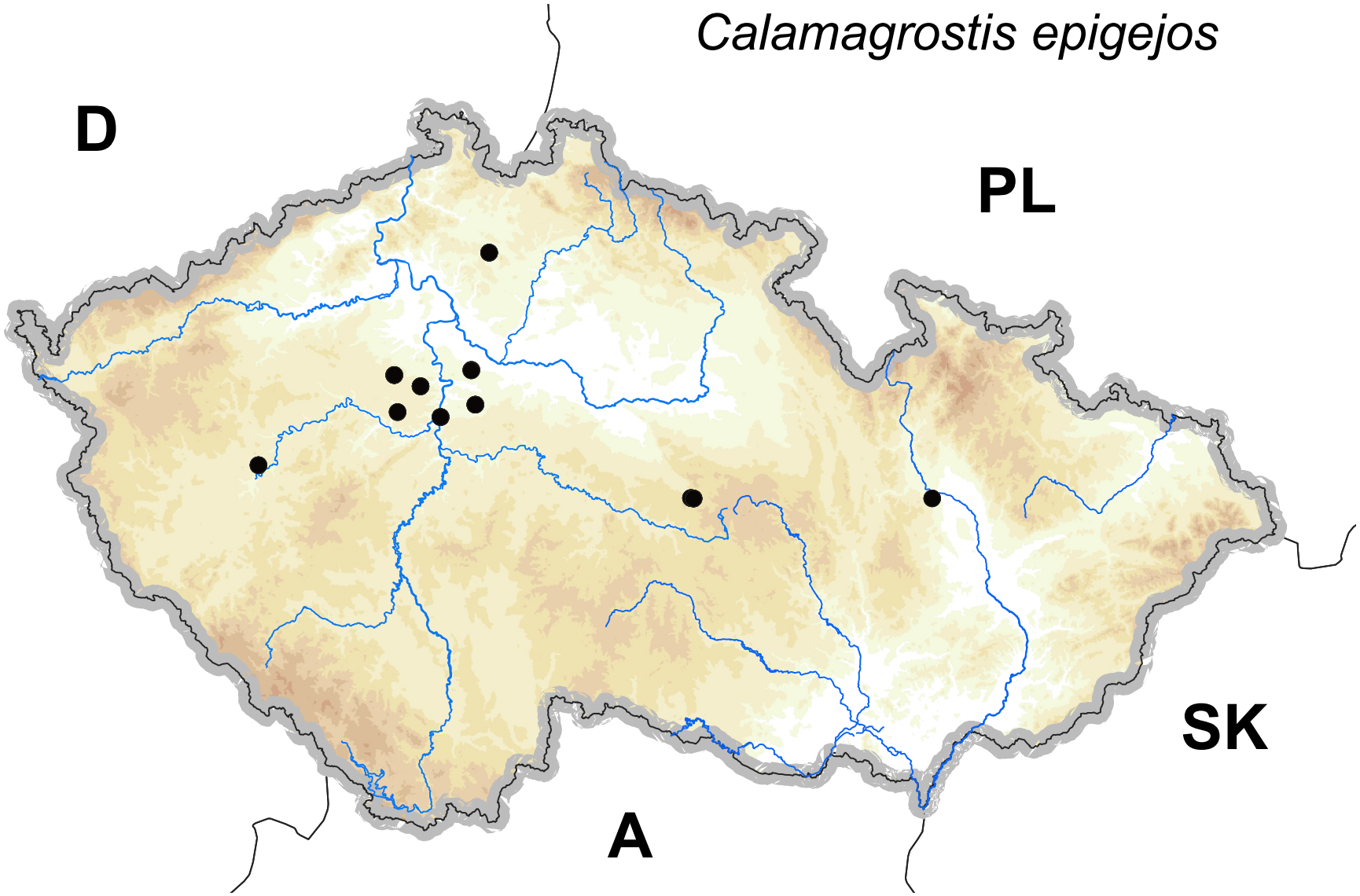
Cirsium heterophyllum	N	48.96	13.71	0/1
Cirsium heterophyllum	N	49.00	13.65	0/1
Cirsium heterophyllum	N	49.97	13.59	0/1
Cirsium heterophyllum	N	50.38	12.54	0/1
Cirsium heterophyllum	N	50.38	12.80	1/1
Cirsium heterophyllum	N	50.77	15.25	0/1
Cirsium heterophyllum	N	50.77	15.26	0/1
Cirsium heterophyllum	N	50.82	15.35	1/1
Cirsium oleraceum	N	49.56	15.73	1/1
Cirsium oleraceum	N	49.72	15.76	1/1
Cirsium oleraceum	N	50.11	13.94	1/1
Cirsium oleraceum	N	50.11	14.37	1/1
Cirsium oleraceum	N	50.21	16.40	1/1
Cirsium oleraceum	N	50.51	16.36	1/1
Cirsium oleraceum	N	50.55	16.26	1/1
Cirsium oleraceum	N	50.56	16.24	1/1
Cirsium oleraceum	N	50.75	15.23	1/1
Filipendula ulmaria	N	49.63	15.51	1/1
Filipendula ulmaria	N	49.69	15.78	1/1
Filipendula ulmaria	N	49.70	15.72	1/1
Filipendula ulmaria	N	49.70	15.78	1/1
Filipendula ulmaria	N	49.99	12.81	0/1
Filipendula ulmaria	N	50.01	12.59	0/1
Filipendula ulmaria	N	50.08	13.33	1/1
Filipendula ulmaria	N	50.60	14.50	0/1
Filipendula ulmaria	N	50.81	14.94	0/1
Heracleum mantegazzianum	A	49.83	13.75	1/1
Heracleum mantegazzianum	A	49.88	12.73	1/1
Heracleum mantegazzianum	A	49.99	14.55	1/1
Heracleum mantegazzianum	A	50.01	13.45	1/1
Heracleum mantegazzianum	A	50.05	12.81	0/1
Heracleum mantegazzianum	A	50.18	12.37	1/1
Heracleum mantegazzianum	A	50.24	13.74	1/1
Heracleum mantegazzianum	A	50.24	13.78	1/1
Impatiens glandulifera	A	48.90	14.39	1/1
Impatiens glandulifera	A	48.90	14.40	1/1
Impatiens glandulifera	A	49.16	15.06	1/1
Impatiens glandulifera	A	49.16	15.07	1/1
Impatiens glandulifera	A	49.17	15.06	1/1
Impatiens glandulifera	A	49.61	15.62	1/1
Impatiens glandulifera	A	49.70	14.87	0/1
Impatiens glandulifera	A	49.73	15.40	1/1
Impatiens glandulifera	A	49.76	14.75	0/1
Impatiens glandulifera	A	49.94	12.70	0/1
Impatiens glandulifera	A	49.94	12.71	0/1
Impatiens glandulifera	A	50.31	12.52	0/1

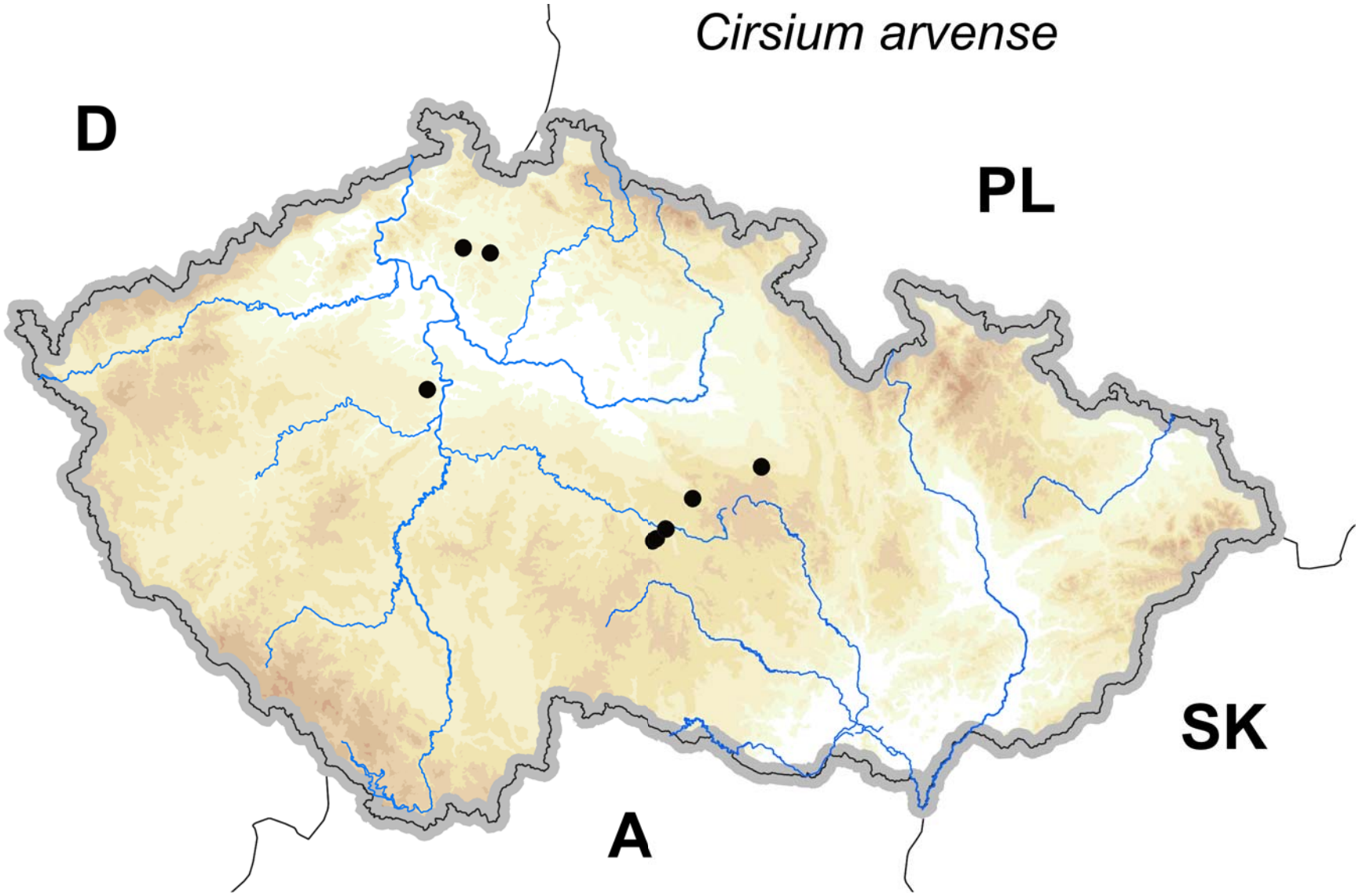
Impatiens glandulifera	A	50.35	14.47	0/1
Impatiens glandulifera	A	50.38	13.17	0/1
Impatiens glandulifera	A	50.57	15.06	1/1
Impatiens glandulifera	A	50.81	14.94	0/1
Lupinus polyphyllus	A	48.88	13.85	0/1
Lupinus polyphyllus	A	48.91	13.83	0/1
Lupinus polyphyllus	A	49.02	13.58	0/1
Lupinus polyphyllus	A	49.58	16.39	1/1
Lupinus polyphyllus	A	49.81	12.87	0/1
Lupinus polyphyllus	A	49.81	16.12	1/1
Lupinus polyphyllus	A	49.81	16.13	1/1
Lupinus polyphyllus	A	49.88	12.74	0/1
Lupinus polyphyllus	A	50.01	12.72	0/1
Lupinus polyphyllus	A	50.04	12.79	0/1
Lupinus polyphyllus	A	50.05	12.79	0/1
Lupinus polyphyllus	A	50.06	12.79	0/1
Lupinus polyphyllus	A	50.07	12.83	0/1
Lupinus polyphyllus	A	50.07	13.35	1/1
Lupinus polyphyllus	A	50.11	12.86	0/1
Lupinus polyphyllus	A	50.13	12.91	0/1
Lupinus polyphyllus	A	50.29	16.37	1/1
Lupinus polyphyllus	A	50.38	12.54	0/1
Lupinus polyphyllus	A	50.38	12.55	0/1
Lupinus polyphyllus	A	50.62	14.73	0/1
Lupinus polyphyllus	A	50.77	15.27	0/1
Petasites hybridus	N	49.44	18.26	1/1
Petasites hybridus	N	50.21	17.23	0/1
Petasites hybridus	N	50.64	15.54	0/1
Petasites hybridus	N	50.65	15.55	0/1
Petasites hybridus	N	50.78	15.24	1/1
Petasites hybridus	N	50.81	14.94	0/1
Phalaris arundinacea	N	48.77	16.80	0/1
Phalaris arundinacea	N	48.77	16.88	1/1
Phalaris arundinacea	N	48.83	13.79	0/1
Phalaris arundinacea	N	48.88	13.85	0/1
Phalaris arundinacea	N	48.95	13.69	0/1
Phalaris arundinacea	N	48.95	13.71	0/1
Phalaris arundinacea	N	48.96	13.70	0/1
Phalaris arundinacea	N	49.52	15.66	1/1
Phalaris arundinacea	N	49.73	15.87	1/1
Phalaris arundinacea	N	49.83	14.51	0/1
Phalaris arundinacea	N	49.88	12.74	0/1
Phalaris arundinacea	N	49.97	14.40	0/1
Phalaris arundinacea	N	50.00	14.00	1/1
Phalaris arundinacea	N	50.03	13.86	1/1
Phalaris arundinacea	N	50.04	13.92	1/1

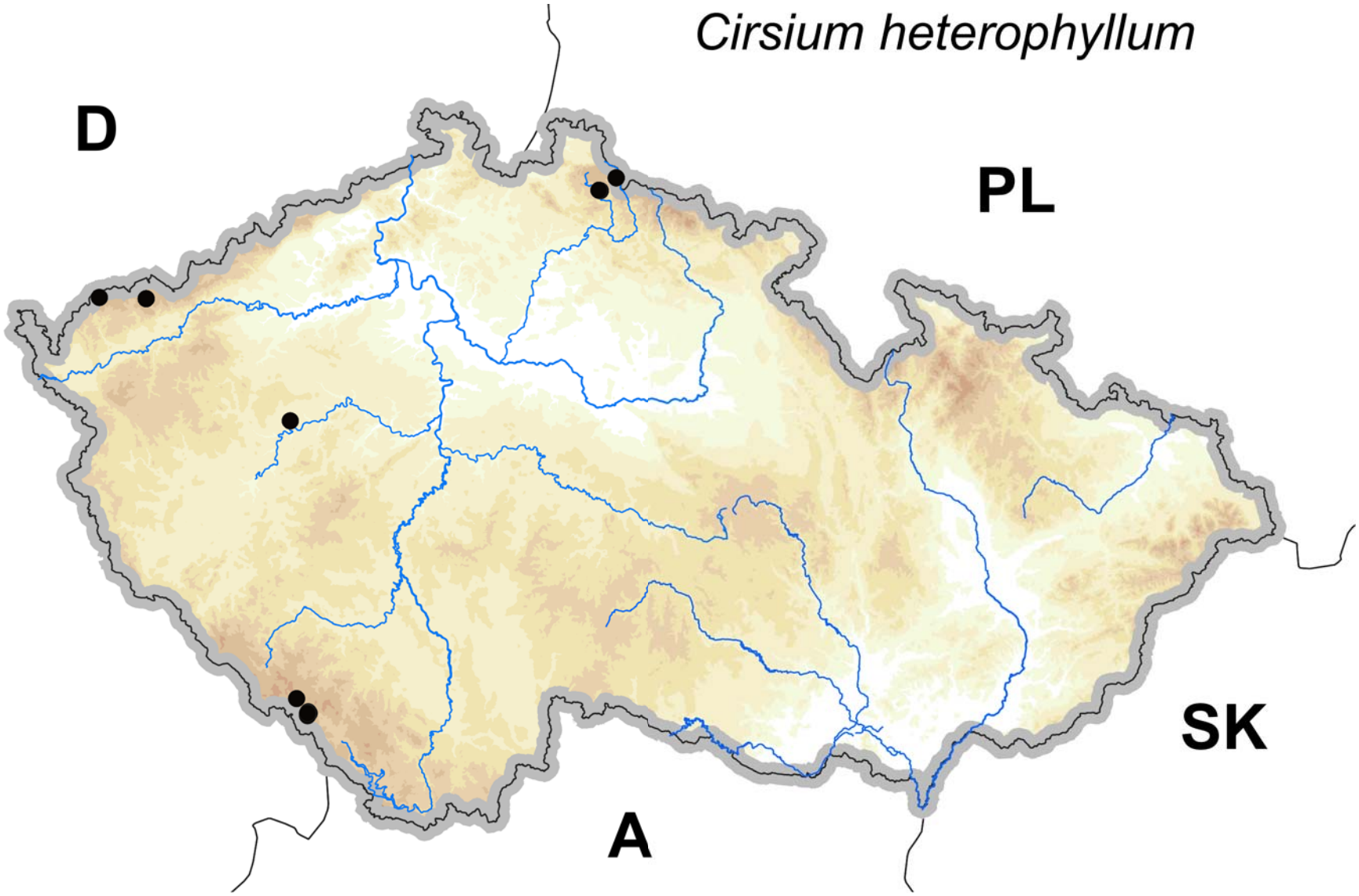
Phalaris arundinacea	N	50.40	14.88	1/1
Reynoutria ×bohemica	A	49.06	14.96	1/1
Reynoutria ×bohemica	A	49.56	15.56	1/1
Reynoutria ×bohemica	A	49.94	14.30	0/1
Reynoutria ×bohemica	A	50.08	14.33	0/1
Reynoutria ×bohemica	A	50.38	12.51	0/1
Reynoutria ×bohemica	A	50.40	14.87	1/1
Reynoutria ×bohemica	A	50.60	15.16	0/1
Reynoutria ×bohemica	A	50.82	14.93	0/1
Reynoutria japonica	A	49.96	14.39	0/1
Reynoutria japonica	A	50.12	14.08	0/1
Reynoutria japonica	A	50.14	14.00	0/1
Reynoutria japonica	A	50.20	12.81	0/1
Reynoutria japonica	A	50.60	13.47	0/1
Reynoutria japonica	A	50.76	15.27	0/1
Rubus idaeus	N	48.95	13.71	0/1
Rubus idaeus	N	48.96	13.71	0/1
Rubus idaeus	N	48.98	13.77	0/1
Rubus idaeus	N	48.99	13.66	0/1
Rubus idaeus	N	49.70	15.72	1/1
Rubus idaeus	N	49.83	14.51	0/1
Rubus idaeus	N	49.87	14.67	1/1
Rubus idaeus	N	50.01	12.59	0/1
Rubus idaeus	N	50.05	12.73	0/1
Rubus idaeus	N	50.40	14.88	1/1
Rubus idaeus	N	50.50	16.08	0/1
Rubus idaeus	N	50.59	15.52	0/1
Rubus idaeus	N	50.81	14.92	0/1
Rumex alpinus	A	50.69	15.71	0/1
Rumex alpinus	A	50.69	15.73	0/1
Rumex alpinus	A	50.70	15.53	1/1
Rumex alpinus	A	50.70	15.54	0/1
Rumex alpinus	A	50.70	15.65	0/1
Rumex alpinus	A	50.70	15.66	0/1
Rumex alpinus	A	50.71	15.65	0/1
Rumex alpinus	A	50.72	15.60	0/1
Rumex alpinus	A	50.73	15.55	1/1
Rumex alpinus	A	50.76	15.28	0/1
Rumex alpinus	A	50.76	15.63	1/1
Rumex alpinus	A	50.77	15.44	1/1
Solidago canadensis	A	48.82	14.31	1/1
Solidago canadensis	A	49.83	14.51	0/1
Solidago canadensis	A	49.87	14.61	1/1
Solidago canadensis	A	50.00	14.17	0/1
Solidago canadensis	A	50.00	14.52	1/1
Solidago canadensis	A	50.03	14.59	1/1

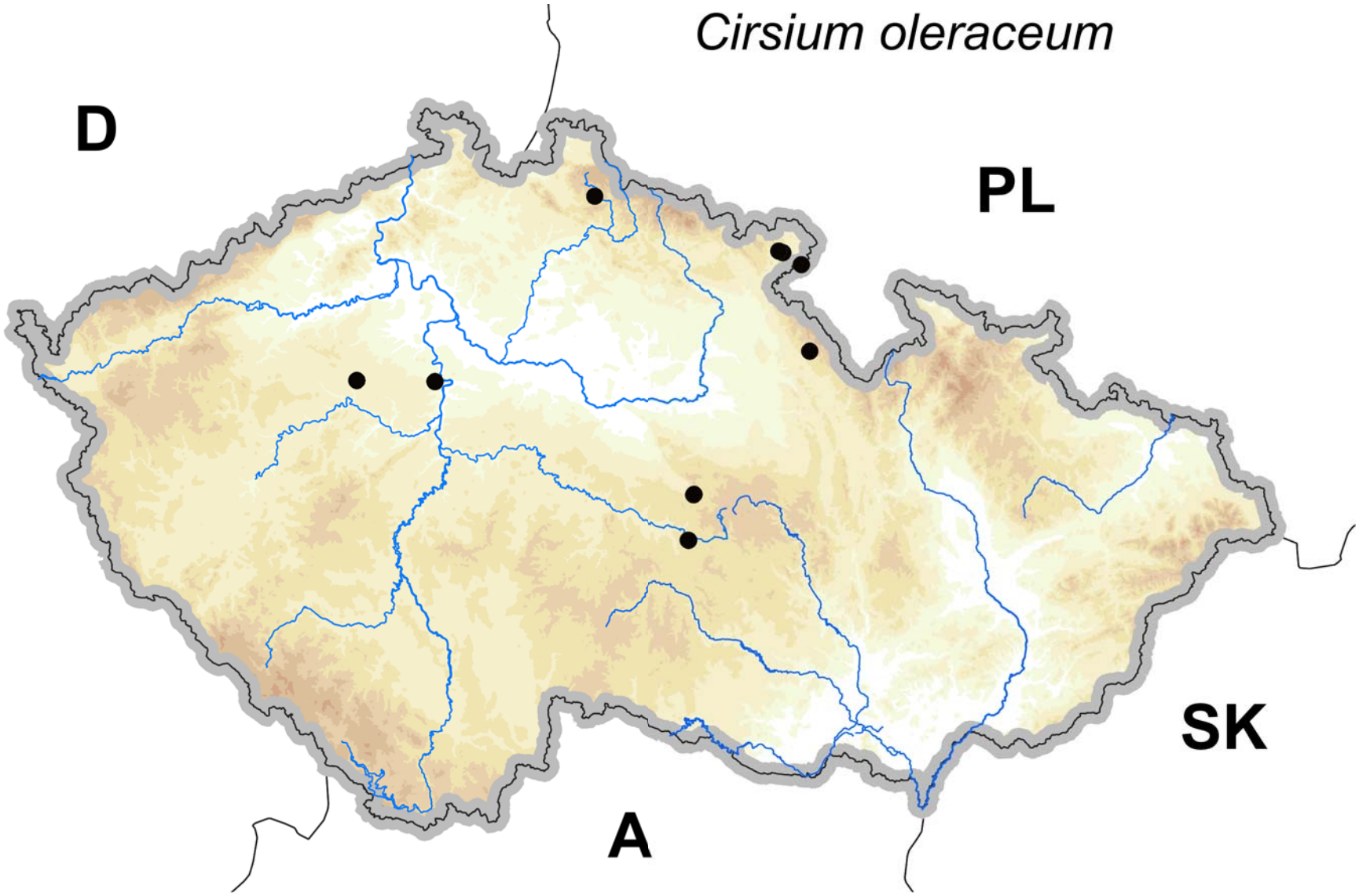
Solidago canadensis	A	50.17	14.85	0/1
Solidago canadensis	A	50.23	14.61	0/1
Solidago canadensis	A	50.38	14.54	0/1
Solidago canadensis	A	50.43	14.49	0/1
Solidago canadensis	A	50.51	16.36	1/1
Solidago canadensis	A	50.56	14.66	0/1
Tanacetum vulgare	N	48.73	16.88	1/1
Tanacetum vulgare	N	48.83	13.79	0/1
Tanacetum vulgare	N	48.83	13.80	0/1
Tanacetum vulgare	N	49.59	16.40	1/1
Tanacetum vulgare	N	49.60	16.40	1/1
Tanacetum vulgare	N	49.61	15.55	1/1
Tanacetum vulgare	N	49.81	13.42	1/1
Tanacetum vulgare	N	49.81	13.43	0/1
Tanacetum vulgare	N	49.84	15.65	1/1
Tanacetum vulgare	N	49.84	15.66	1/1
Tanacetum vulgare	N	49.85	13.37	1/1
Tanacetum vulgare	N	49.87	14.61	0/1
Tanacetum vulgare	N	49.93	13.51	1/1
Tanacetum vulgare	N	49.98	14.37	1/1
Tanacetum vulgare	N	50.02	14.50	0/1
Tanacetum vulgare	N	50.02	14.51	0/1
Tanacetum vulgare	N	50.03	14.58	1/1
Tanacetum vulgare	N	50.13	14.14	1/1
Tanacetum vulgare	N	50.37	12.81	1/1
Telekia speciosa	A	49.77	14.18	0/1
Telekia speciosa	A	49.78	14.64	0/1
Telekia speciosa	A	50.00	14.56	0/1
Telekia speciosa	A	50.18	16.43	1/1
Telekia speciosa	A	50.20	16.46	1/1
Telekia speciosa	A	50.21	16.45	1/1
Telekia speciosa	A	50.21	16.46	1/1
Urtica dioica	N	48.95	13.71	0/1
Urtica dioica	N	48.96	13.63	0/1
Urtica dioica	N	49.06	14.96	1/1
Urtica dioica	N	49.11	13.83	0/1
Urtica dioica	N	49.34	17.59	0/1
Urtica dioica	N	49.51	15.58	1/1
Urtica dioica	N	49.52	15.57	1/1
Urtica dioica	N	49.56	15.54	1/1
Urtica dioica	N	49.63	15.51	1/1
Urtica dioica	N	49.73	18.29	0/1
Urtica dioica	N	49.76	14.75	1/1
Urtica dioica	N	49.88	12.74	0/1
Urtica dioica	N	50.01	12.59	0/1
Urtica dioica	N	50.41	14.88	1/1

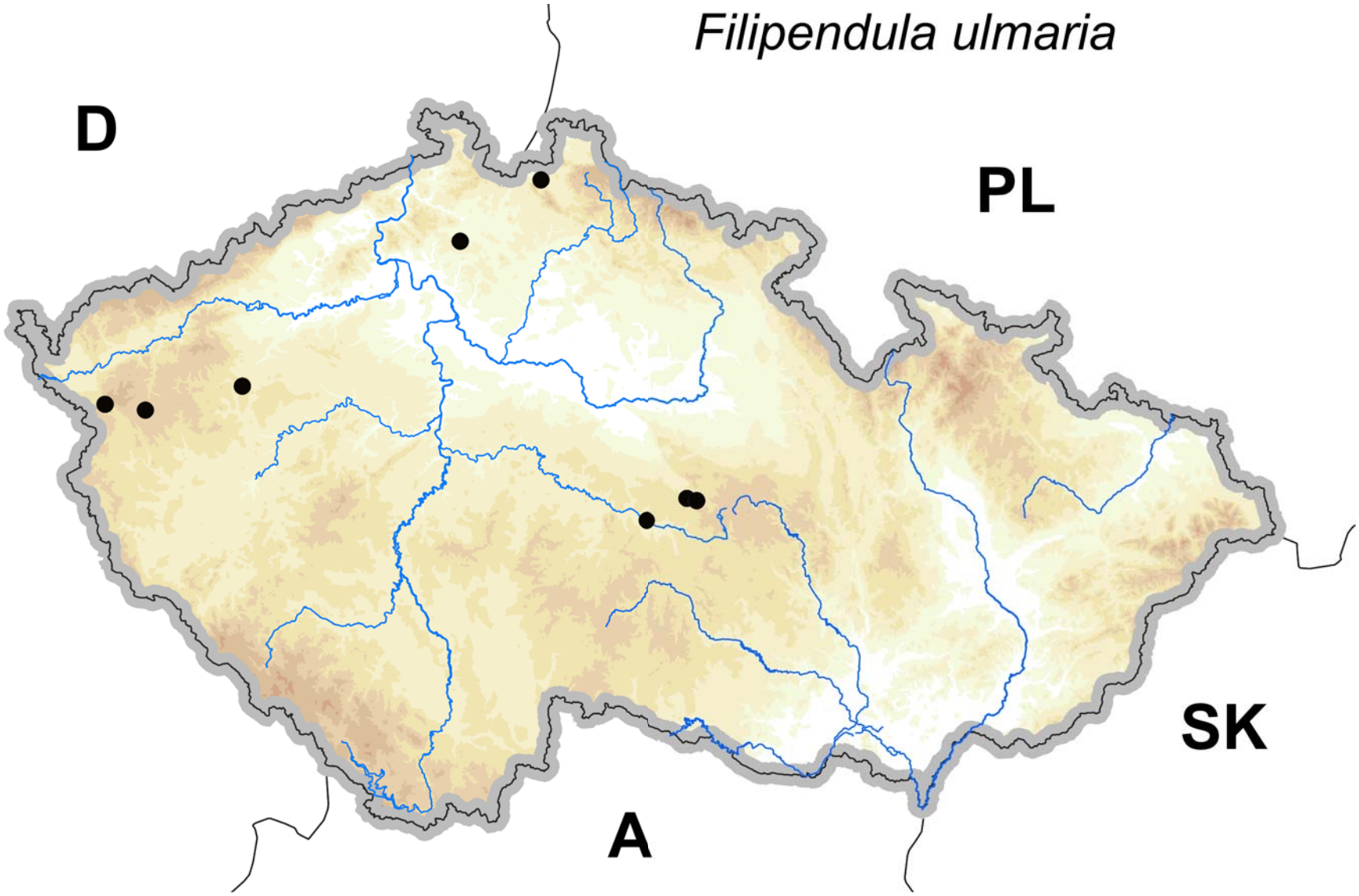

Aster novi-belgii agg.
D
PL
SK
A

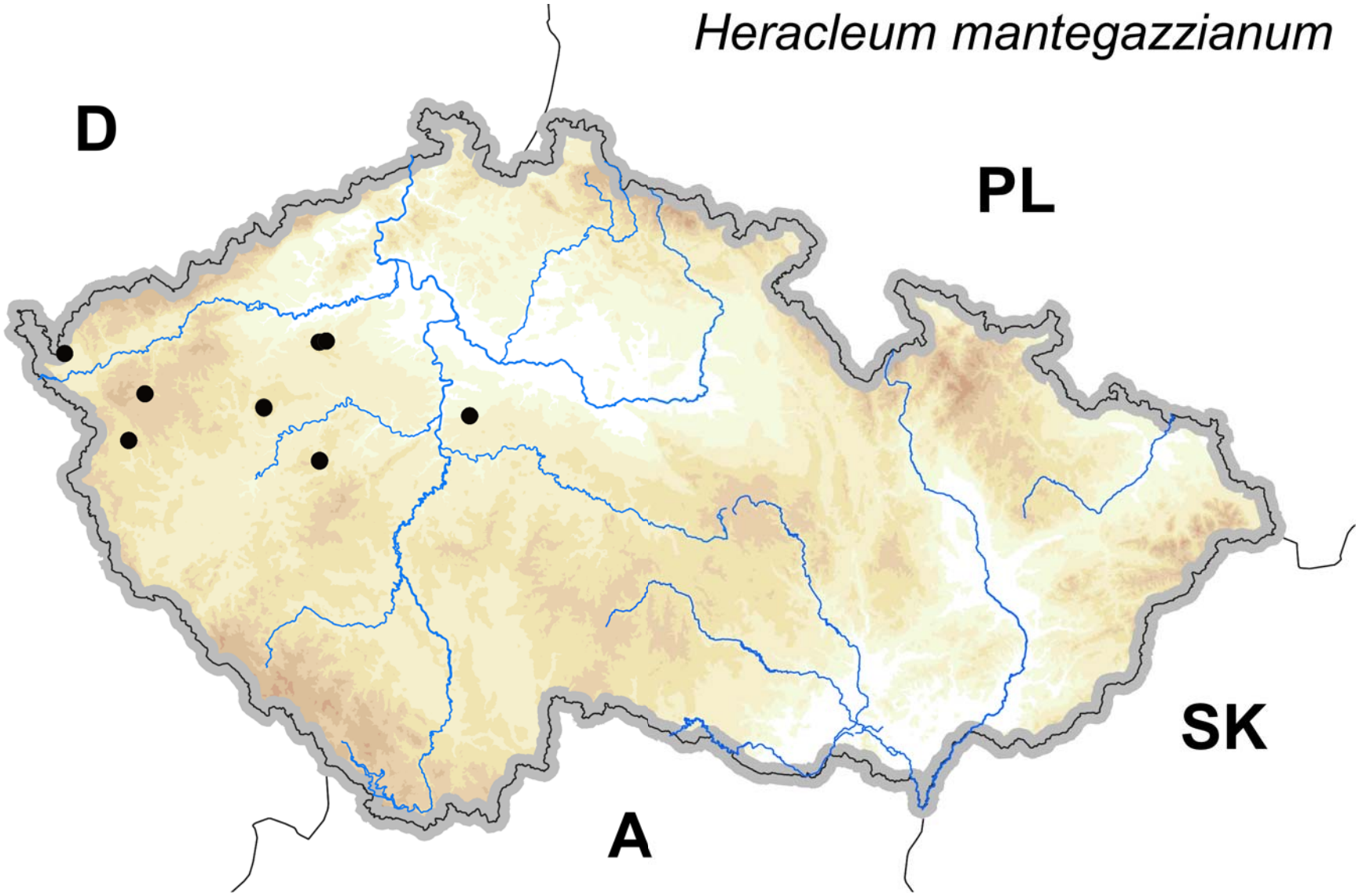

Calamagrostis epigejos
D
PL
SK
A

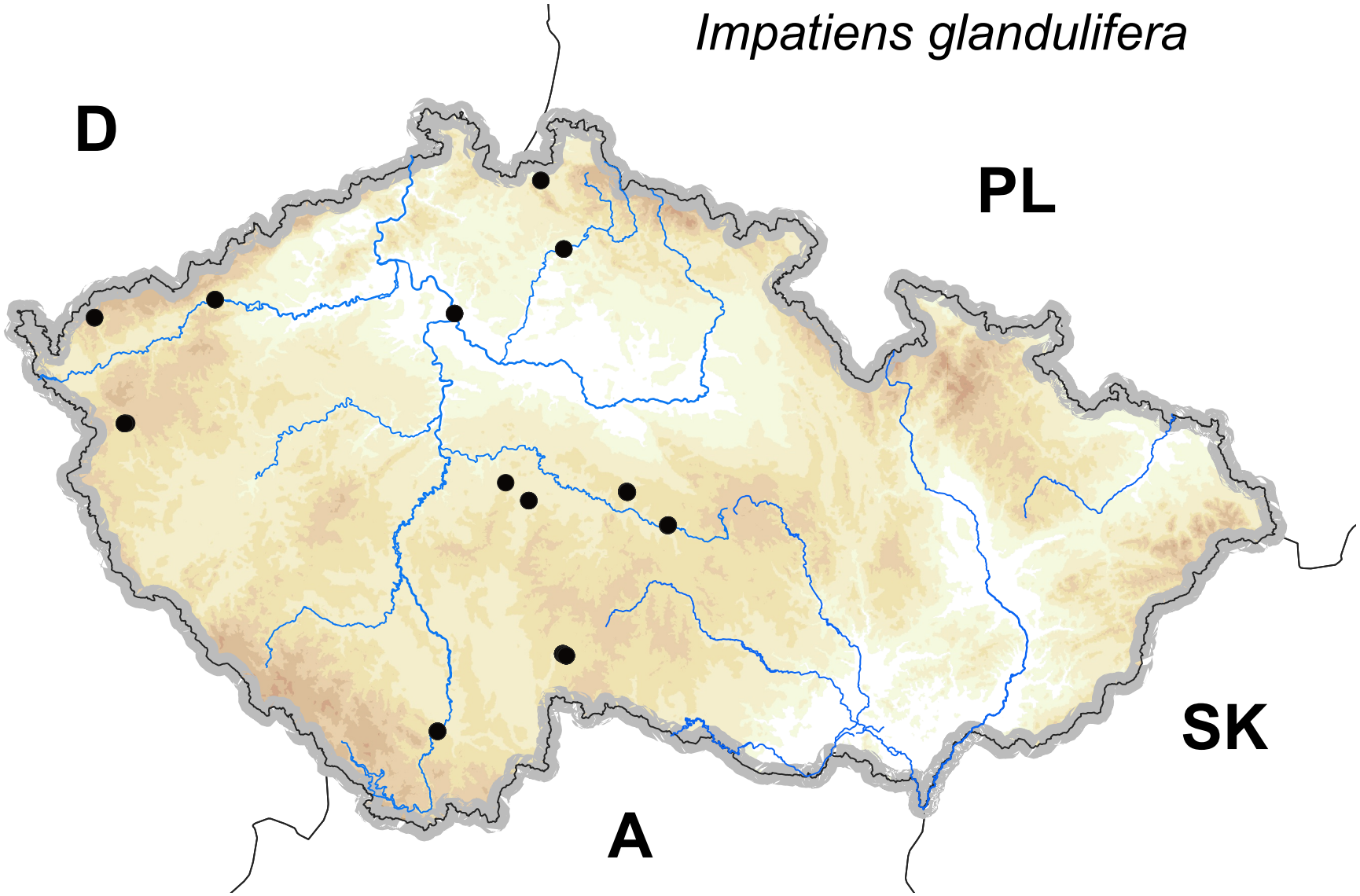

Cirsium arvense
D
PL
SK
A

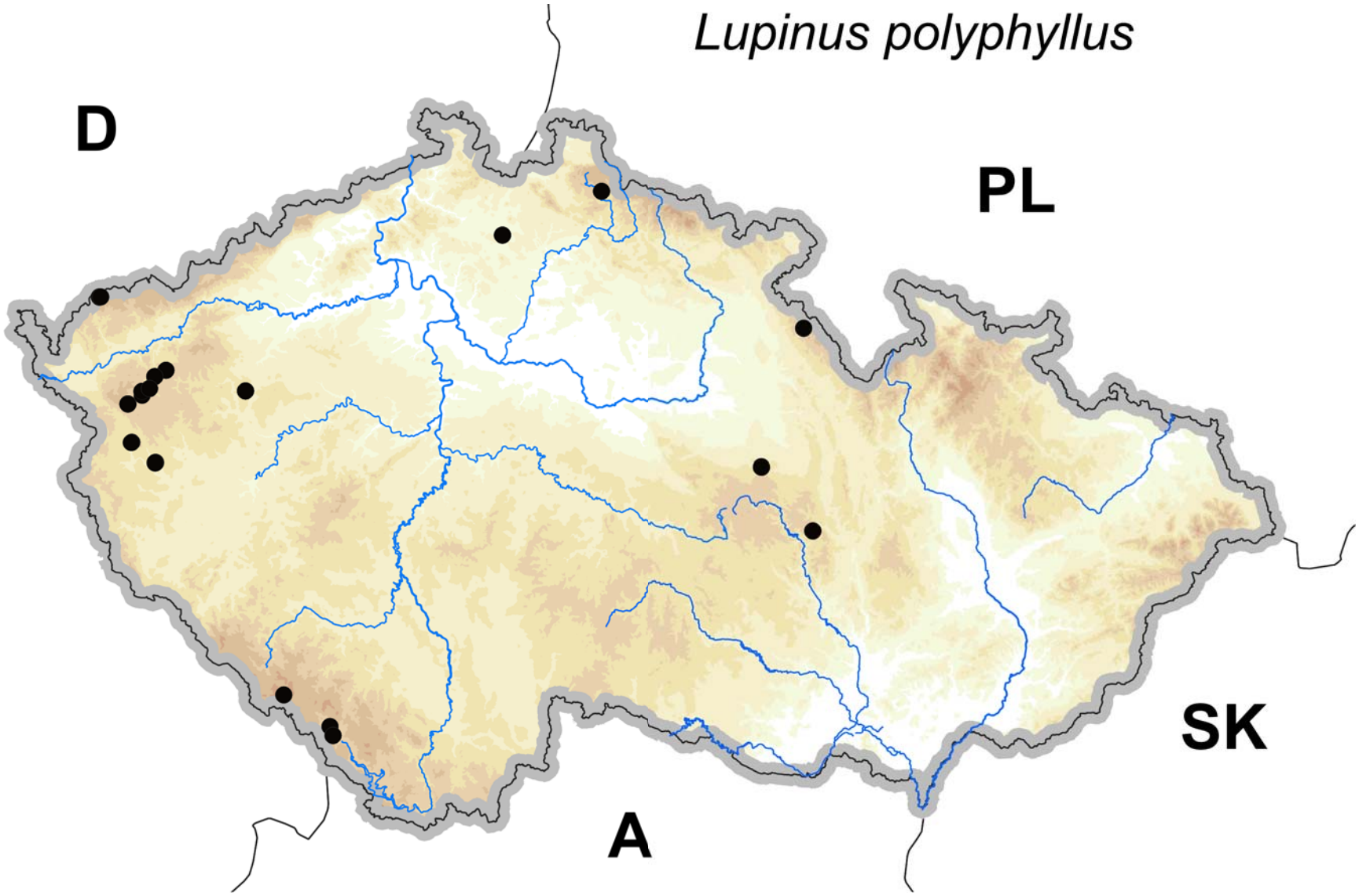

Cirsium heterophyllum
D
PL
SK
A

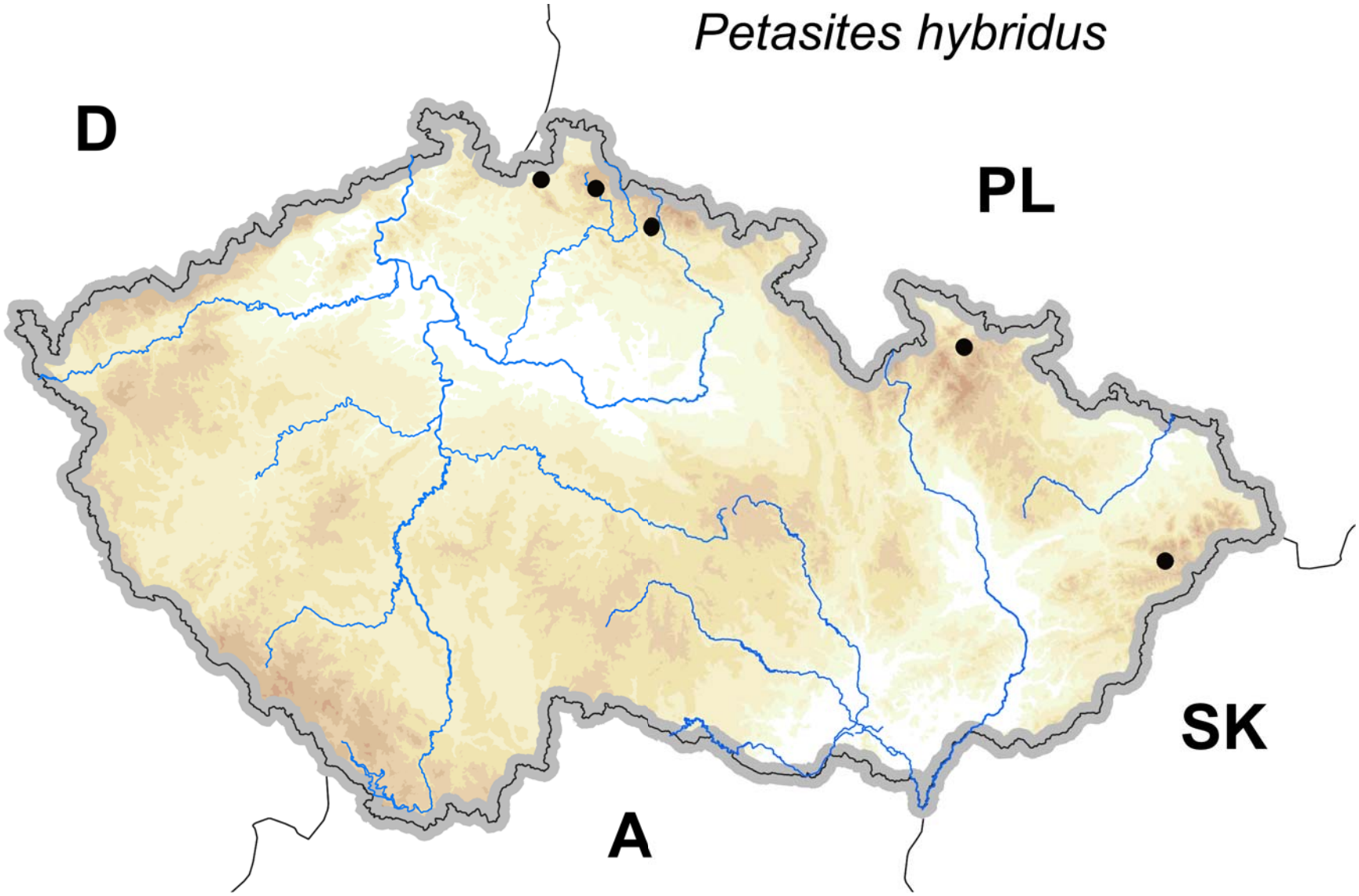

Cirsium oleraceum
D
PL
SK
A

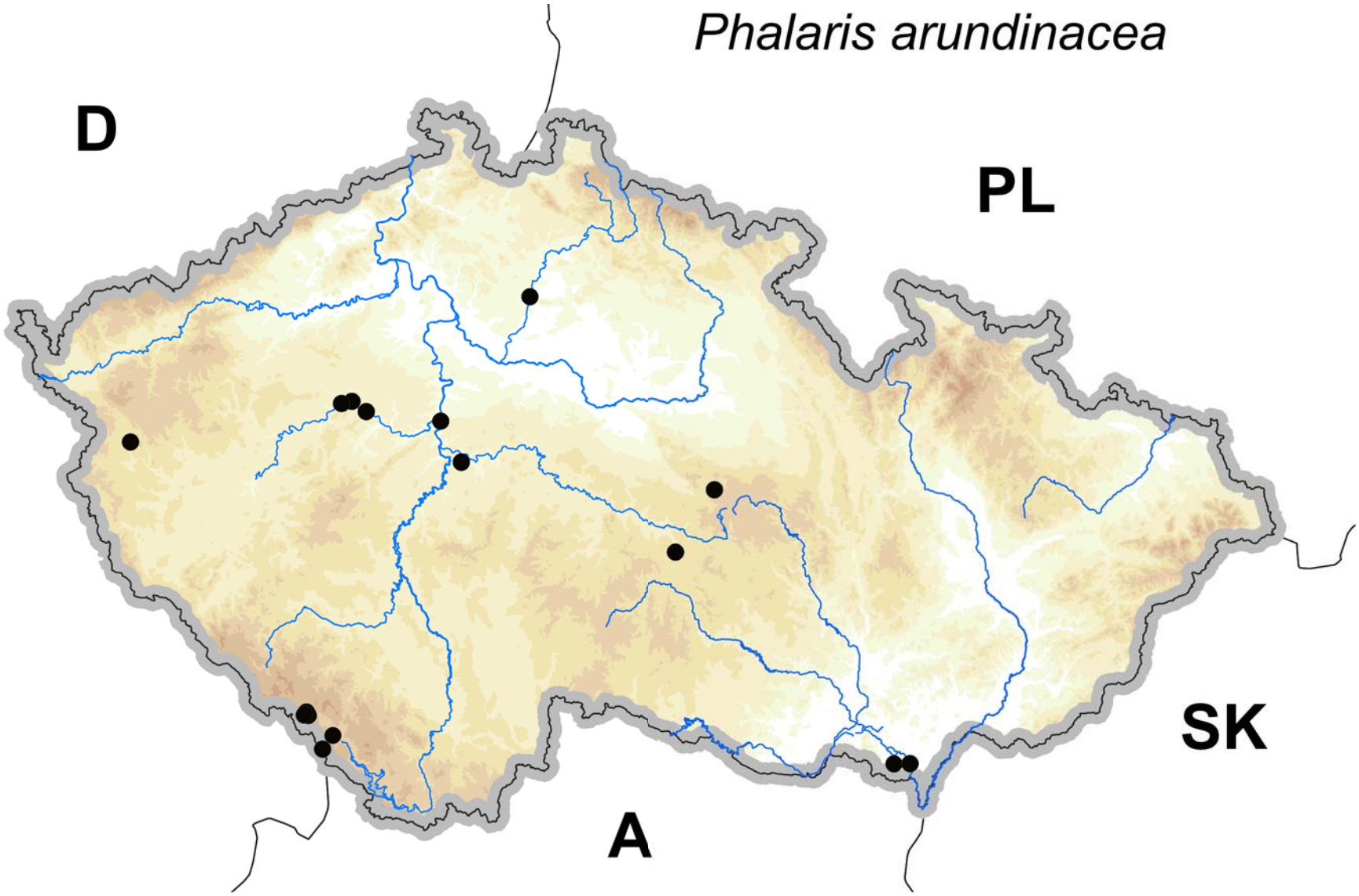

Filipendula ulmaria
D
PL
SK
A

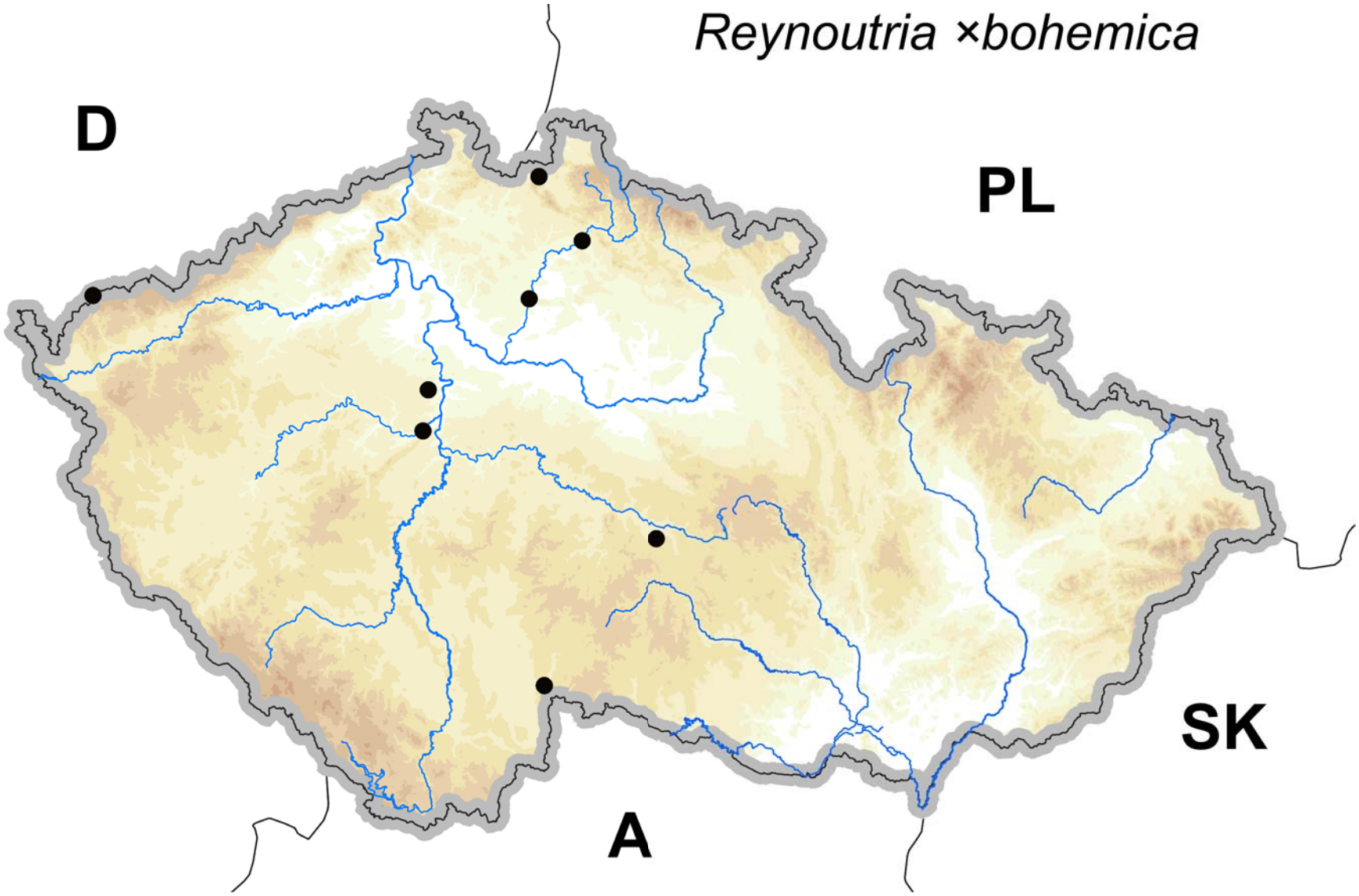

Heracleum mantegazzianum
D
PL
SK
A

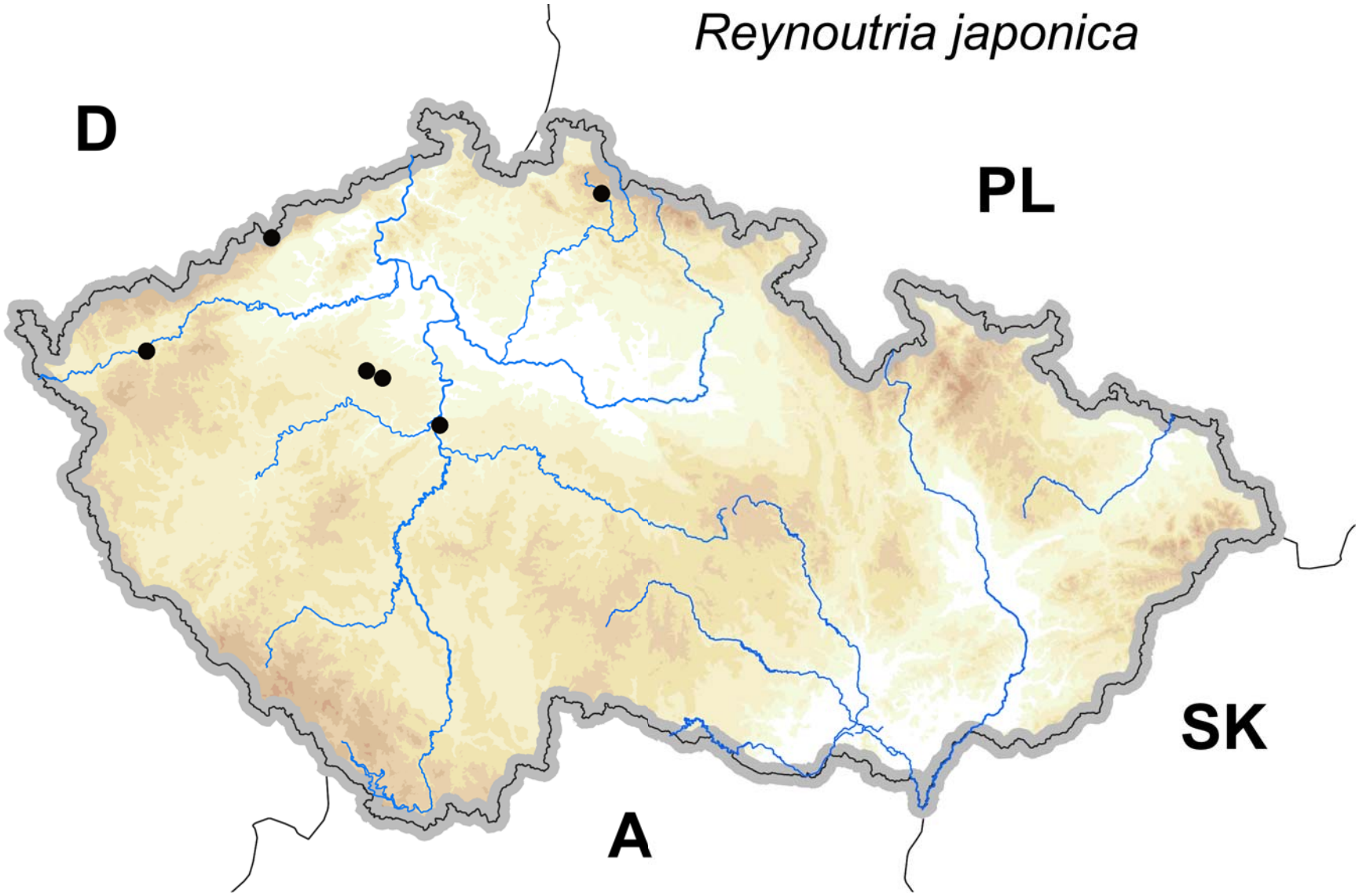

Impatiens glandulifera
D
PL
SK
A

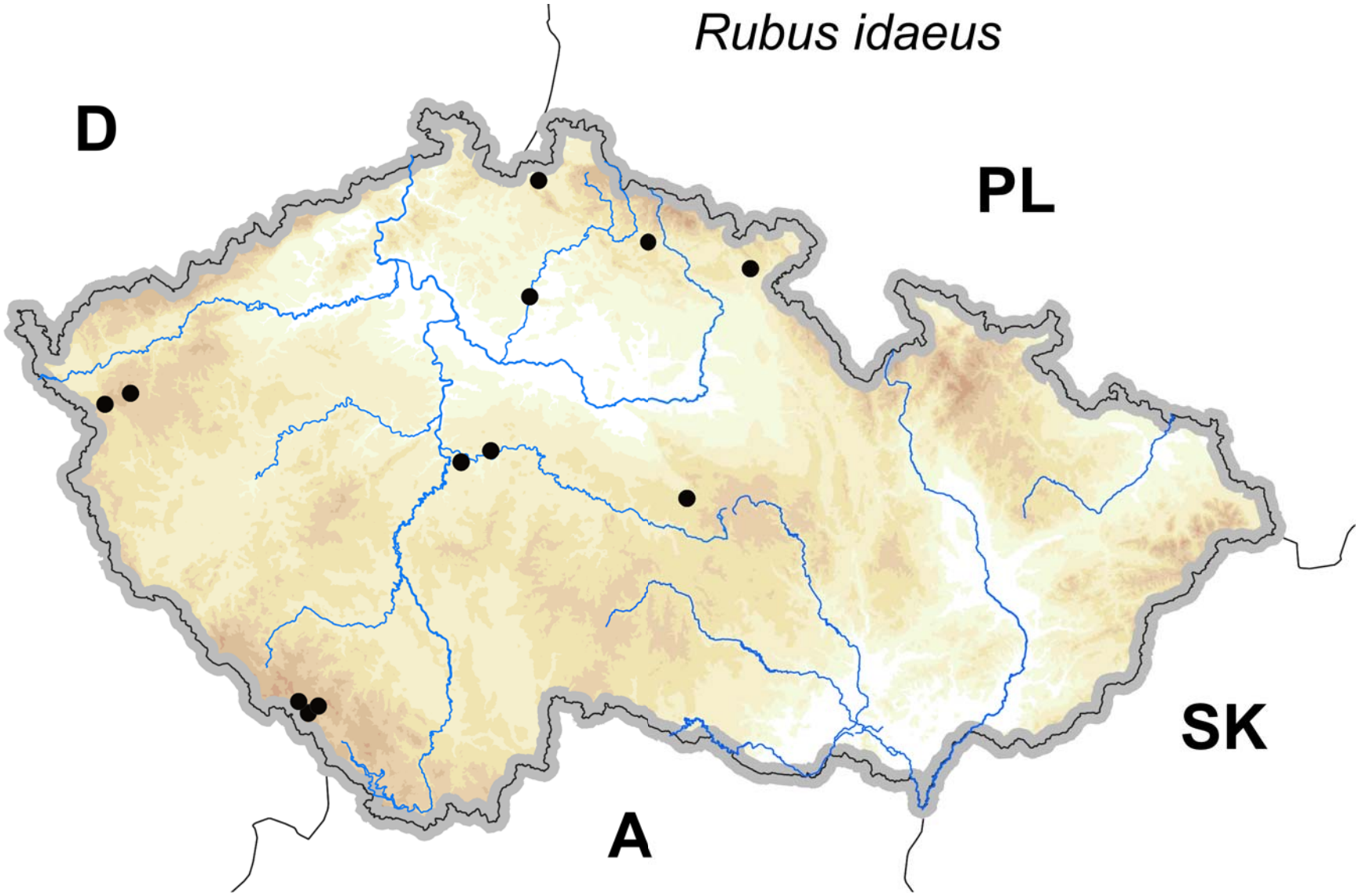

Lupinus polyphyllus
D
PL
SK
A

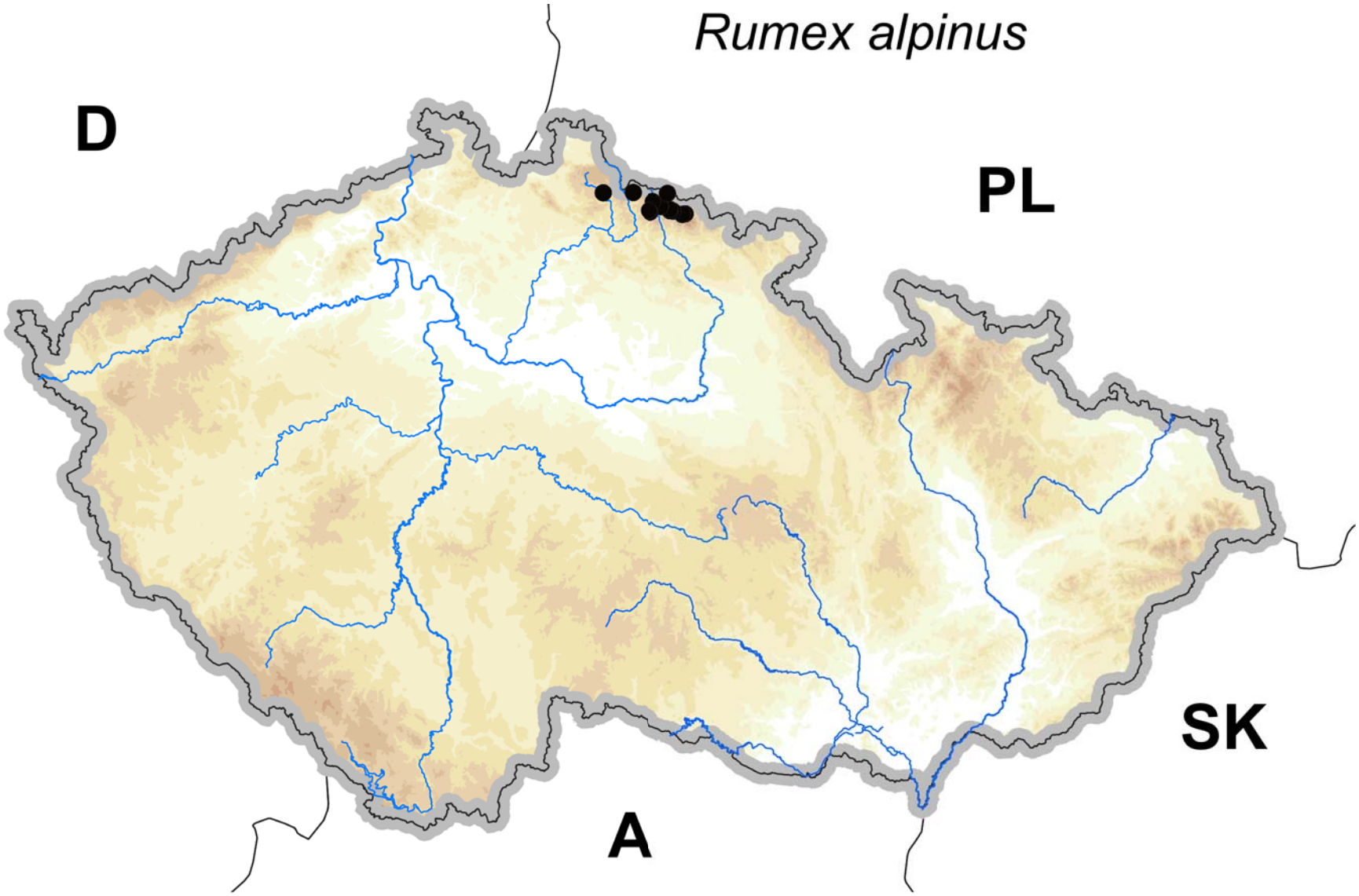

Petasites hybridus
D
PL
SK
A

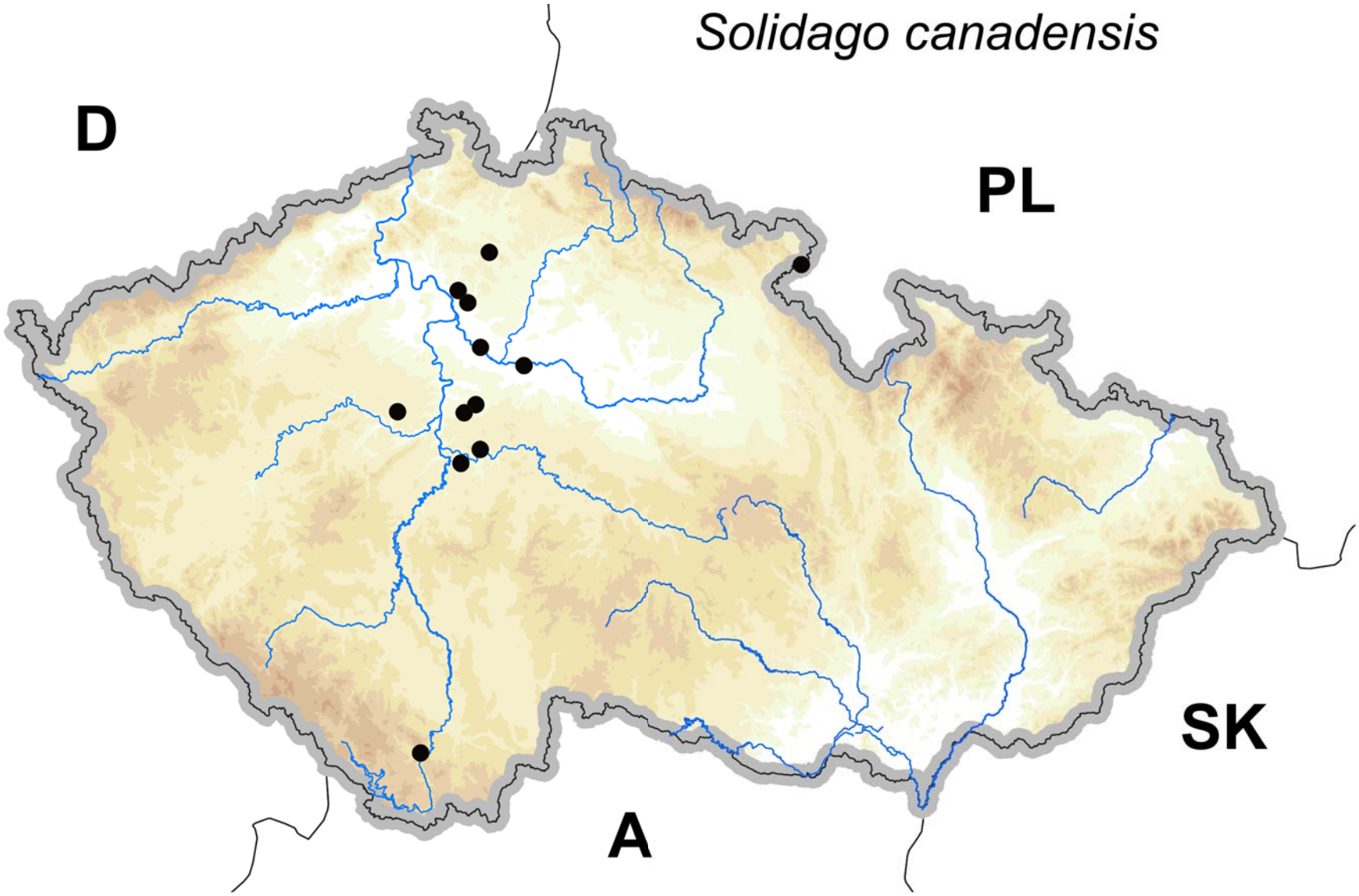

Phalaris arundinacea
D
PL
SK
A

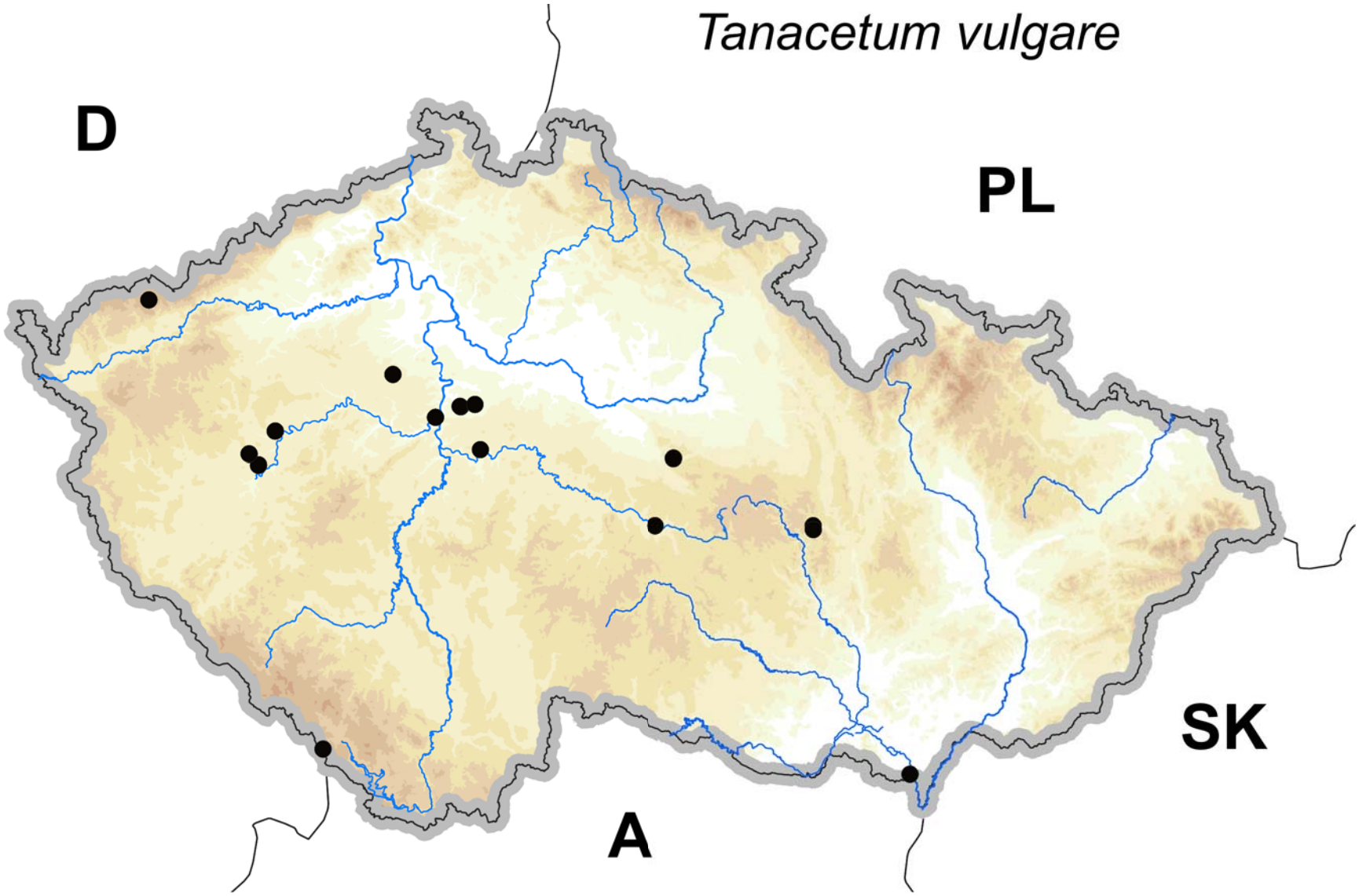

Reynoutria ×bohemica
D
PL
SK
A

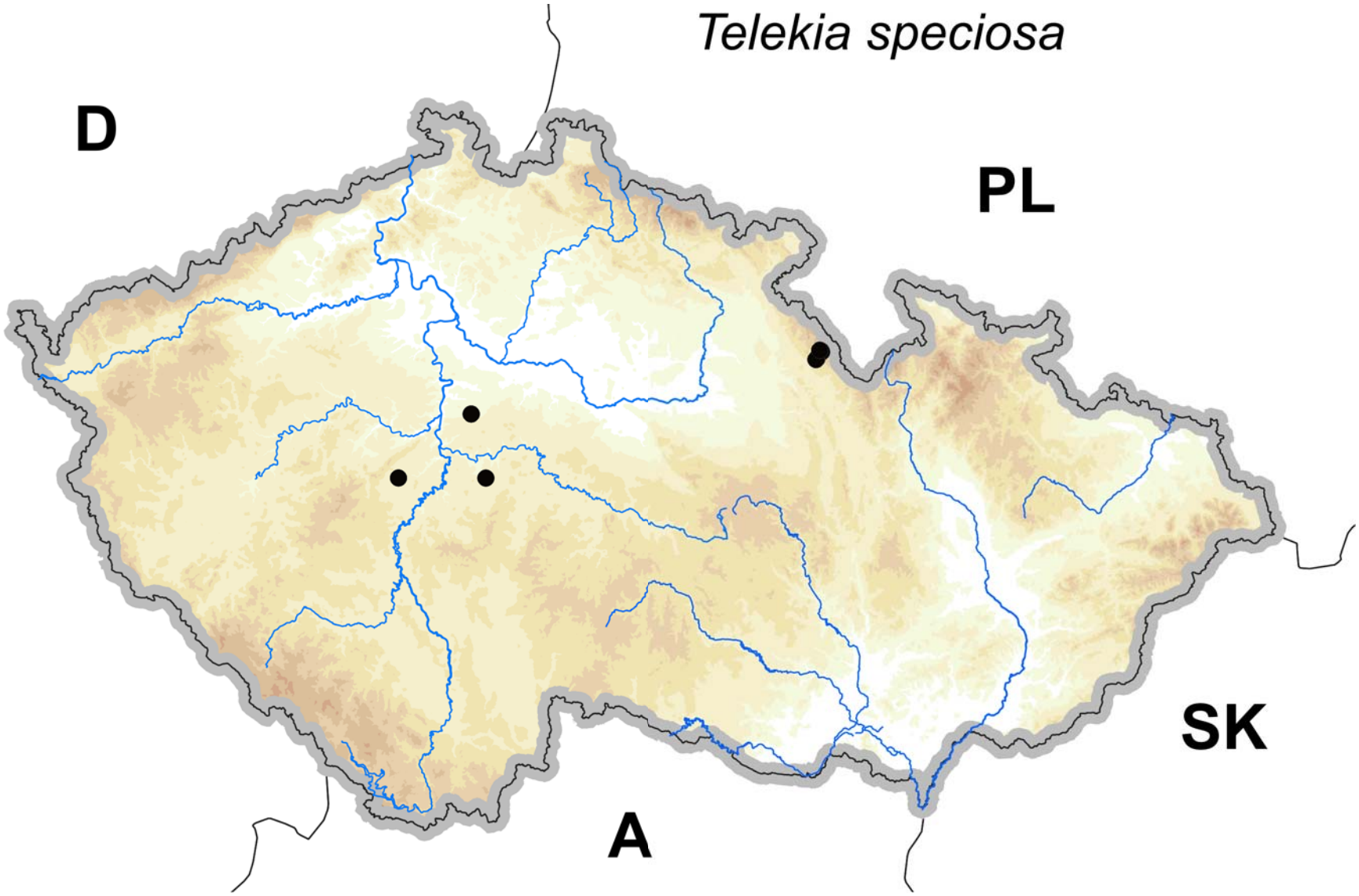

Reynoutria japonica
D
PL
SK
A

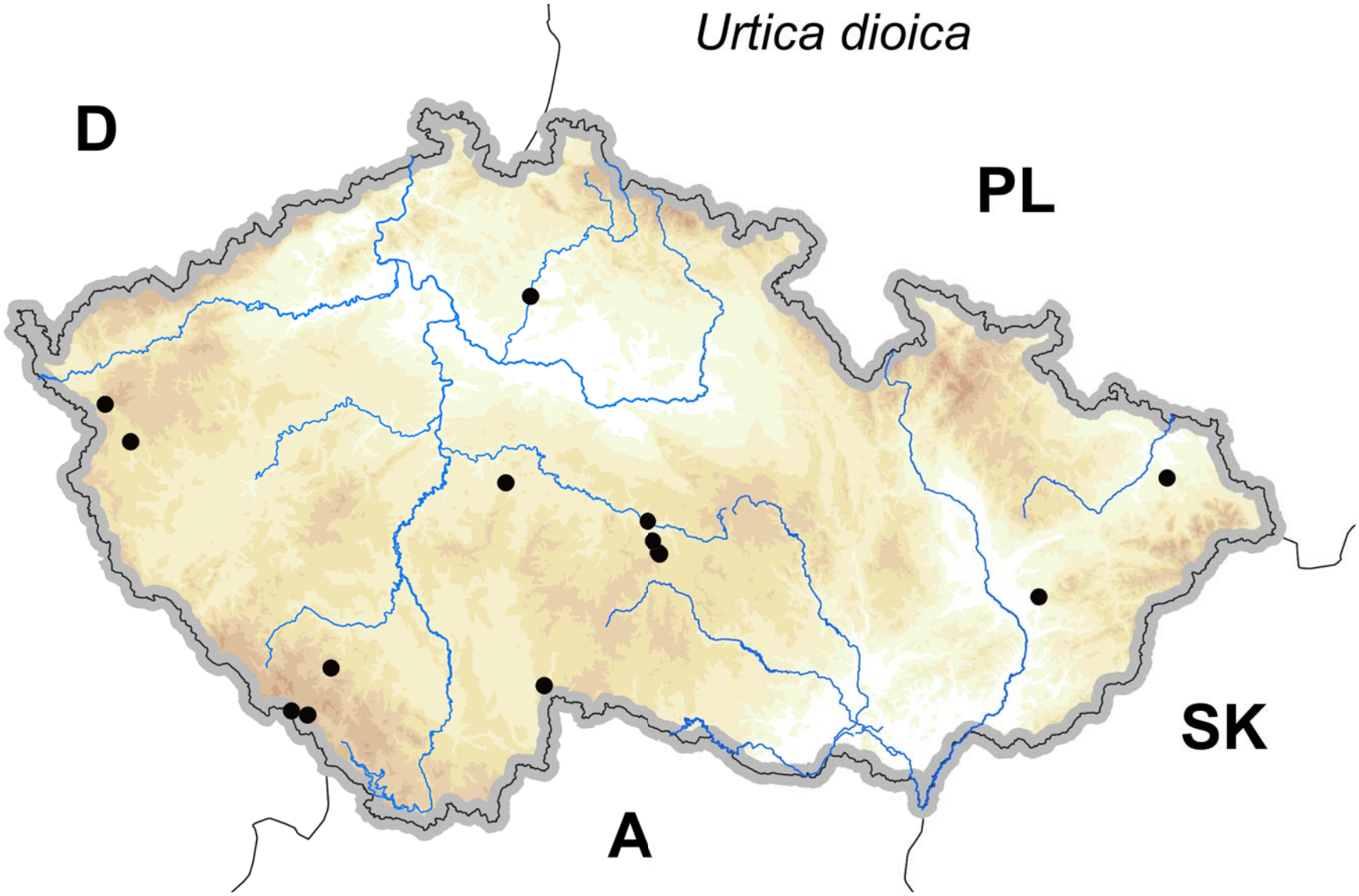

Rubus idaeus
D
PL
SK
A


Rumex alpinus
D
PL
SK
A


Solidago canadensis
D
PL
SK
A


Tanacetum vulgare
D
PL
SK
A


Telekia speciosa
D
PL
SK
A


Urtica dioica
D
PL
SK
A

Electronic appendix 2 – The slopes of LMM regressions on the relations between the dominants' cover and species richness or Shannon diversity H'. Further, the table shows the details of LMM Analyses of Covariance, testing i) the interaction of dominants' cover with their origin; and ii) the triple interaction between the dominants' cover, their origin and size of the plots. Also, the table shows results of the paired tests on the differences in the LMM slope/intercept ratios (expressing the magnitude of impact) between the large plots (4 x 4 m) and small plots (1 x 1m).

1) Model with cover categories, origin and plot size

Species richeness

term	estimate	S.E.	D.F.	t-value	p-value
intercept	4.225	0.116	523	36.547	<0.001
cover of dominants	-1.095	0.07	523	-15.665	<0.001
origin of dominants	-0.024	0.159	17	-0.148	0.884
plot size	-1.274	0.047	523	-27.147	<0.001
cover:origin	0.105	0.102	523	1.032	0.302
cover:plot size	0.416	0.068	523	6.097	<0.001
origin:plot size	0.157	0.065	523	2.408	0.016
cover:origin:plot size	-0.198	0.099	523	-1.992	0.047

Shannon diversity

term	estimate	S.E.	D.F.	t-value	p-value
intercept	1.868	0.087	523	21.402	<0.001
cover of dominants	-0.210	0.064	523	-3.269	0.001
origin of dominants	-0.088	0.120	17	-0.734	0.473
plot size	-0.491	0.040	523	-12.256	<0.001
cover:origin	0.108	0.094	523	1.15	0.251
cover:plot size	-0.112	0.058	523	-1.921	0.055
origin:plot size	0.173	0.056	523	3.115	0.002
cover:origin:plot size	-0.229	0.085	523	-2.693	0.007

2) Individual models for large and small plots

Species richness

	term	estimate	S.E.	D.F.	t-value	p-value
Large plots						
	intercept	17.653	0.991	754	17.816	<0.001
	cover of dominants	-6.028	0.469	754	-12.845	<0.001
	origin of dominants	-0.257	1.315	17	-0.195	0.848
	cover:origin	-0.798	0.671	754	-1.19	0.234

Small plots

term	estimate	S.E.	D.F.	t-value	p-value
intercept	2.944	0.122	421	24.214	<0.001
cover of dominants	-0.613	0.055	421	-11.181	<0.001
origin of dominants	0.210	0.162	17	1.292	0.214
cover:origin	-0.152	0.077	421	-1.974	0.049

Shannon diversity

Large plots	term	estimate	S.E.	D.F.	t-value	p-value
	intercept	1.926	0.093	754	20.7	<0.001
	cover of dominants	-0.146	0.051	754	-2.844	0.005
	origin of dominants	-0.060	0.124	17	-0.489	0.631
	cover:origin	-0.024	0.074	754	-0.321	0.748

Small plots

term	estimate	S.E.	D.F.	t-value	p-value
intercept	1.387	0.105	421	13.204	<0.001
cover of dominants	-0.301	0.058	421	-5.176	<0.001
origin of dominants	0.122	0.141	17	0.868	0.397
cover:origin	-0.13	0.082	421	-1.585	0.113

3) Results of testing the differencess between the dominants within the pairs

Large plots		**Species richness**			**Shannon diversity**		
invasive dominant	**native dominant**	**DF**	**t-value**	**p-value**	**DF**	**t-value**	**p-value**
Aster novi-belgii	*Calamagrostis epigejos*	81	-2.234	0.028			NS
Aster novi-belgii	*Cirsium arvense*			NS			NS
Aster novi-belgii	*Tanacetum vulgare*	104	2.108	0.038			NS
Heracleum mantegazzianum	*Cirsium arvense*			NS			NS
Heracleum mantegazzianum	*Petasites hybridus*			NS			NS
Heracleum mantegazzianum	*Urtica dioica*			NS			NS
Impatiens glandulifera	*Filipendula ulmaria*			NS			NS
Impatiens glandulifera	*Phalaris arundinacea*	106	-2.895	0.005			NS
Impatiens glandulifera	*Rubus idaeus*			NS			NS
Lupinus polyphyllus	*Cirsium arvense*			NS			NS
Lupinus polyphyllus	*Cirsium oleraceum*	90	-2.201	0.03			NS
Lupinus polyphyllus	*Petasites hybridus*			NS			NS
Reynoutria japonica	*Petasites hybridus*			NS			NS
Reynoutria japonica	*Rubus idaeus*			NS			NS
Reynoutria japonica	*Urtica dioica*			NS			NS
Reynoutria ×bohemica	*Calamagrostis epigejos*			NS			NS
Reynoutria ×bohemica	*Cirsium arvense*			NS	61	2.724	0.008
Reynoutria ×bohemica	*Petasites hybridus*			NS	53	3.241	0.002
Rumex alpinus	*Cirsium heterophyllum*	100	2.643	0.01	100	4.642	<0.001
Rumex alpinus	*Cirsium oleraceum*			NS	93	2.056	0.043
Rumex alpinus	*Filipendula ulmaria*			NS			NS
Solidago canadensis	*Calamagrostis epigejos*			NS			NS
Solidago canadensis	*Cirsium arvense*			NS			NS
Solidago canadensis	*Tanacetum vulgare*			NS			NS
Telekia speciosa	*Cirsium oleraceum*			NS			NS
Telekia speciosa	*Phalaris arundinacea*			NS			NS
Telekia speciosa	*Rubus idaeus*			NS			NS

Small plots		Species richness			Shannon diversity		
invasive dominant	**native dominant**	**DF**	**t-value**	**p-value**	**DF**	**t-value**	**p-value**
Aster novi-belgii	*Calamagrostis epigejos*			NS			NS
Aster novi-belgii	*Cirsium arvense*			NS			NS
Aster novi-belgii	*Tanacetum vulgare*			NS			NS
Heracleum mantegazzianum	*Cirsium arvense*			NS			NS
Heracleum mantegazzianum	*Petasites hybridus*			NS			NS
Heracleum mantegazzianum	*Urtica dioica*			NS			NS
Impatiens glandulifera	*Filipendula ulmaria*			NS			NS
Impatiens glandulifera	*Phalaris arundinacea*			NS			NS
Impatiens glandulifera	*Rubus idaeus*			NS			NS
Lupinus polyphyllus	*Cirsium arvense*			NS			NS
Lupinus polyphyllus	*Cirsium oleraceum*			NS			NS
Lupinus polyphyllus	*Petasites hybridus*	20	-2.593	0.017			NS
Reynoutria japonica	*Petasites hybridus*			NS			NS
Reynoutria japonica	*Rubus idaeus*			NS			NS
Reynoutria japonica	*Urtica dioica*			NS			NS
Reynoutria ×bohemica	*Calamagrostis epigejos*			NS			NS
Reynoutria ×bohemica	*Cirsium arvense*			NS			NS
Reynoutria ×bohemica	*Petasites hybridus*			NS			NS
Rumex alpinus	*Cirsium heterophyllum*			NS			NS
Rumex alpinus	*Cirsium oleraceum*			NS			NS
Rumex alpinus	*Filipendula ulmaria*			NS			NS
Solidago canadensis	*Calamagrostis epigejos*			NS			NS
Solidago canadensis	*Cirsium arvense*			NS			NS
Solidago canadensis	*Tanacetum vulgare*			NS			NS
Telekia speciosa	*Cirsium oleraceum*			NS			NS
Telekia speciosa	*Phalaris arundinacea*			NS			NS
Telekia speciosa	*Rubus idaeus*			NS			NS

4) Regression estimates of the LMM models on the relations between the dominant species' cover and species richness or Shannon diversity.

	Large plots				Small plots			
Dominant	**Species richness**	**p-value**	**Shannon diversity**	**p-value**	**Species richness**	**p-value**	**Shannon diversity**	**p-value**
Aster novi-belgii	y=17.977-6.798x	<0.001	y=1.967-0.118x	0.488	y=7.584-2.81x	0.005	y=1.225-0.335x	0.145
Calamagrostis epigejos	y=18.033-9.807x	<0.001	y=1.785-0.306x	0.057	y=9.059-4.573x	<0.001	y=1.39-0.679x	<0.001
Cirsium arvense	y=14.522-5.072x	0.035	y=1.511+0.096x	0.717	y=9.358-3.602x	0.009	y=1.46-0.283x	0.171
Cirsium heterophyllum	y=21.361-2.257x	0.25	y=0.665+0.327x	<0.001	y=16.979-5.72x	0.102	y=1.873+0.118x	0.655
Cirsium oleraceum	y=19.541-6.371x	<0.001	y=1.836+0.159x	0.317	y=10.566-3.71x	<0.001	y=1.574-0.328x	0.006
Filipendula ulmaria	y=15.046-7.248x	<0.001	y=1.694-0.201x	0.216	y=9.142-4.27x	<0.001	y=1.613-0.648x	0.002
Heracleum mantegazzianum	y=16.835-5.737x	<0.001	y=1.76-0.103x	0.416	y=9.108-2.942x	<0.001	y=1.425-0.303x	0.021
Impatiens glandulifera (polynomial model)	y=12.58+ 8.57x-12.913x^2	0.027						
Impatiens glandulifera	y=13. 693-3.320x	0.035	y=1.289-0.05x	0.343	y=7.858-3.11x	<0.001	y=1.249-0.334x	0.111
Lupinus polyphyllus	y=20.818-1.684x	0.194	y=2.175+0.29x	0.03	y=10.027-1.333x	0.284	y=1.693-0.111x	0.561
Petasites hybridus	y=17.286-5.65x	0.003	y=1.884-0.018x	0.922	y=11.133-4.983x	0.002	y=1.362-0.251x	0.15
Phalaris arundinacea	y=15.487-8.271x	<0.001	y=1.885-0.667x	<0.001	y=8.654-4.461x	<0.001	y=1.42-0.679x	<0.001
Reynoutria japonica	y=18.07-7.094x	<0.001	y=1.684-0.202x	0.166				
Reynoutria ×bohemica	y=15.386-8.57x	<0.001	y=1.952-0.614x	0.001	y=6.18-3.481x	<0.001	y=1.004-0.719x	<0.001
Rubus idaeus	y=17.455-7.398x	<0.001	y=1.947-0.327x	0.009	y=10.001-3.501x	0.023	y=1.513-0.484x	0.089
Rumex alpinus (polynomial model)	y=19.24+ 8.707x-16.06x^2	<0.001						
Rumex alpinus	y=20.74-8.434x	<0.001	y=2.217-0.261x	0.024	y=9.128-2.791x	<0.001	y=1.141-0.087x	0.608
Solidago canadensis	y=18.633-7.055x	<0.001	y=2.021-0.135x	0.48	y=9.409-3.692x	0.001	y=1.459-0.291x	0.17
Tanacetum vulgare	y=18.197-3.009x	0.025	y=1.882+0.229x	0.081	y=9.05-2.017x	0.007	y=1.417+0.006x	0.961
Telekia speciosa	y=18.768-8.048x	<0.001	y=1.973-0.111x	0.442	y=11.466-3.995x	0.007	y=1.678-0.407x	0.012
Urtica dioica	y=16.271-8.234x	<0.001	y=1.88-0.402x	0.012	y=8.36-4.351x	<0.001	y=1.498-0.879x	<0.001