

Table S2 Percentage of vegetation formations covered by the PA network of the SC in Soviet-era (1991) and present (2014). Note: Codes and names of vegetation formations are the same as in Bohn *et al.* (2004). Size shows area of vegetation formation (in hundred km²) and its percentage (%) with respect to the total area of vegetation formations. PAs in 1991 show the amount of area of a vegetation formation covered by Soviet-era PAs (in hundred km²) and its percentage (%) with respect to the area of the vegetation formation. PAs in 2014 show the amount of area of a vegetation formation covered by present PAs (in hundred km²) and its percentage (%) with respect to the area of the vegetation formation. As this study focuses on terrestrial ecosystems, total does not include the category water bodies (i.e., lakes and reservoirs) recorded in the source of data (Bohn *et al.* 2004), which equals to about 2186 km² in the SC

Code	Vegetation formation	Size		PAs in 1991		PAs in 2014	
		(km ²)	(%)	(km ²)	(%)	(km ²)	(%)
A	Sub-nival vegetation of high mountains	4.51	0.25	0.03	0.67	0.12	2.66
B	Alpine vegetation	71.87	3.92	3.95	5.50	14.39	20.02
C	Subalpine vegetation	208.86	11.39	10.55	5.05	34.74	16.63
D	Mesophytic and hygromesophytic coniferous and mixed forests	86.48	4.72	4.30	4.97	6.38	7.38
F	Mesophytic deciduous broad-leaved and mixed forests	582.11	31.73	20.44	3.51	43.73	7.51
H	Hygro-thermophilous mixed deciduous broad-leaved forests	79.84	4.35	0.63	0.79	3.60	4.51

K	Xerophytic coniferous forests, woodlands and scrubs	16.10	0.88	0.88	5.47	2.58	16.02
L	Forest steppes and dry grasslands	5.98	0.33	0.37	6.19	0.79	13.21
M	Steppes	265.25	14.46	4.49	1.69	9.56	3.60
N	Oreoxerophytic vegetation	43.24	2.36	1.82	4.21	3.69	8.53
O	Deserts	380.01	20.71	6.04	1.59	10.78	2.84
P	Coastal vegetation and inland halophytic vegetation	55.43	3.02	6.83	12.32	9.31	16.80
S	Mires	1.31	0.07	0.00	0.00	0.18	13.74
T	Swamp and fen forests	10.43	0.57	0.00	0.00	1.73	16.59
U	Vegetation of flood-plains	22.67	1.24	0.72	3.17	1.69	7.45
Total		1834.09	100.00	61.39	3.35	143.27	7.81

Reference

Bohn, U., Gollub, G., Hettwer, C., Neuhäuslová, Z., Raus, T., Schlüter, H. & Weber, H. (2004) Interaktive CD-ROM zur Karte der natürlichen Vegetation Europas. [www document]. URL http://www.floraweb.de/vegetation/dnld_eurovegmap.html