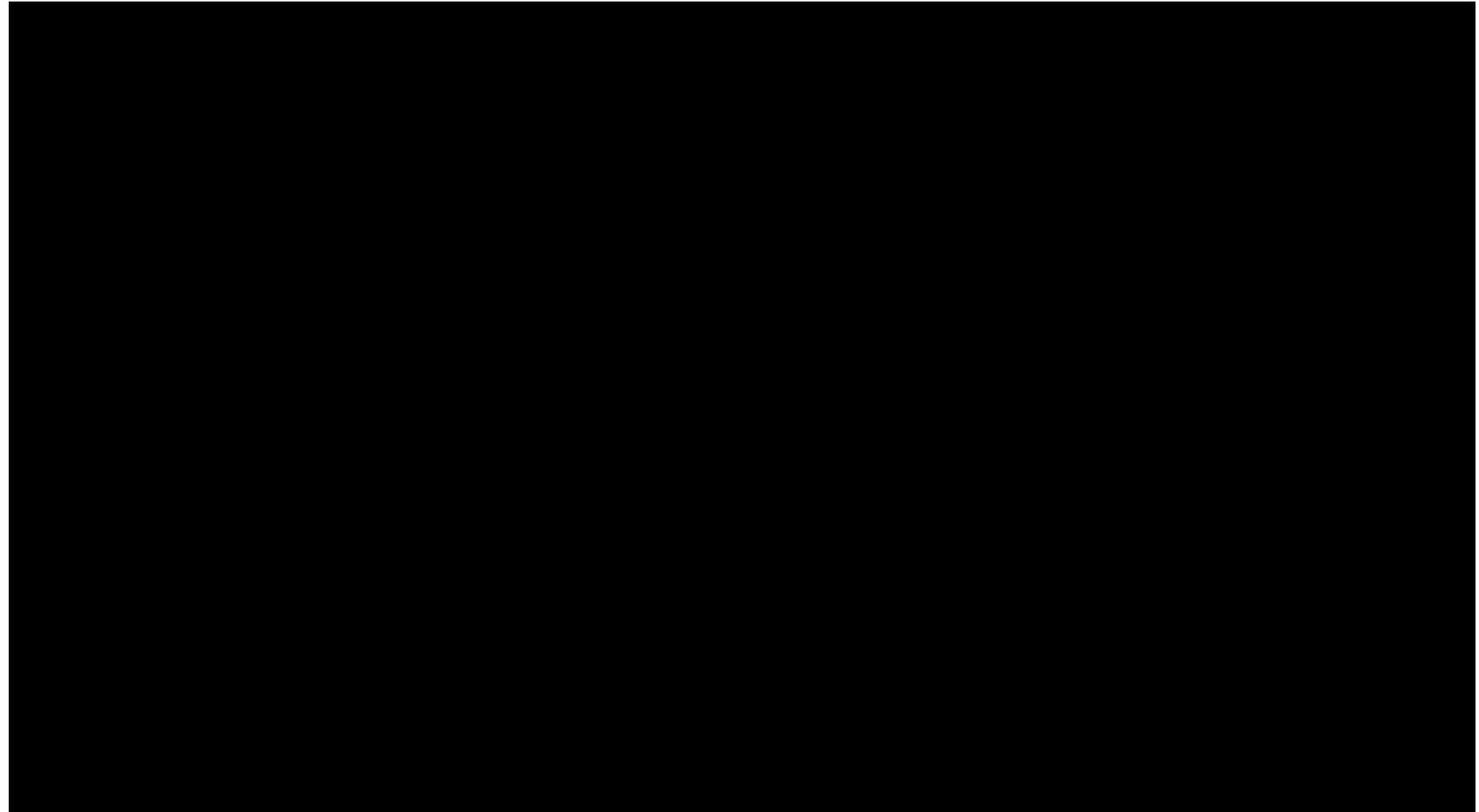


Wilderness in Eastern Europe

challenges and opportunities

Vlado Vancura,
Deputy Chairman
European Wilderness Society



European Wilderness Society

The European Wilderness Society is the only Pan-European, wilderness and environmental advocacy non-profit organization with a dedicated multi-cultural and very experienced professional team of

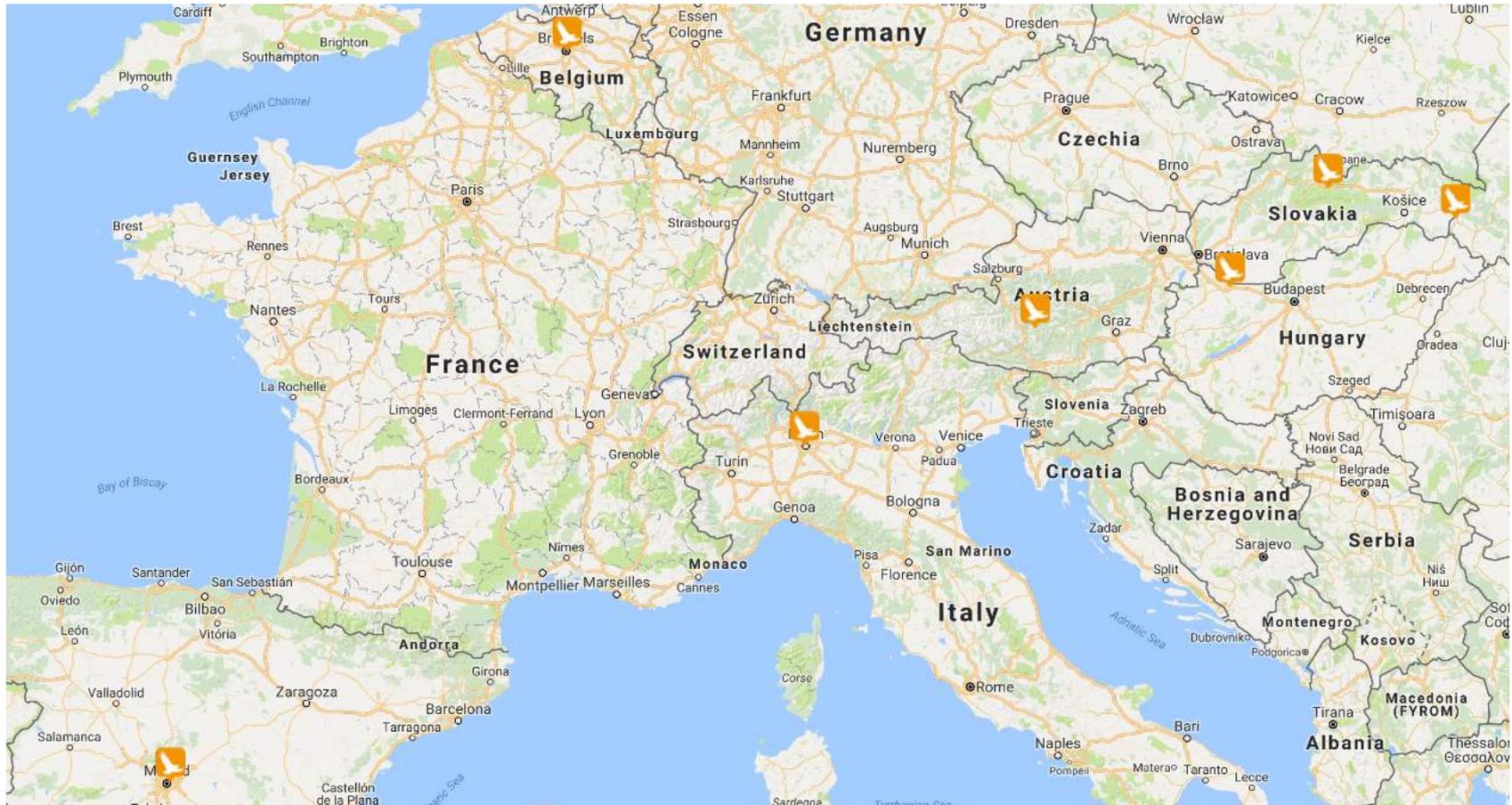
- wilderness and wildlife specialists,
- nature conservationists,
- researchers and scientists,
- tourism experts,
- marketing and
- business professionals,
- legal advisors and
- wilderness advocates.

European Wilderness Society

Its mission is to:

- identify
- designate
- manage
- promote

European **WILD**Drivers, **WILD**coasts, **WILD**islands, old growth forests and **WILDERNESS**. We are also dedicated to the education of the next generation of Europeans on Wilderness.



European Wilderness Society Offices



Potential Berezinsky Wilderness

Wilderness in Europe

3. February 2009: The “European Parliament Resolution on Wilderness in Europe” was passed, which calls on the EU Commission to:

- Develop a clear definition of wilderness.
- Mandate the EEA and other relevant European bodies to map the last wilderness areas in Europe.
- Undertake a study on the values and benefits of wilderness.
- Develop an EU wilderness strategy.
- Develop wilderness areas and carefully manage re-wilding areas.
- Promote the values of wilderness and launch information campaigns to raise awareness about wilderness and its significance.

Wilderness in Europe

- More than 230 representatives from
 - governments,
 - conservation agencies,
 - NGOs and
 - academic institutionsdeveloped between 2010 and 2011 the “The Definition of European Wilderness and Wild Areas” (WILD EUROPE INITIATIVE 2013).
- This definition was subsequently accepted and is now the European Wilderness Quality Standard definition.

Wilderness Definition

Wilderness zones meeting the European Wilderness Quality Standard and Audit System “Gold- or Platinum Wilderness Category” are governed by open ended undefined natural processes.

They are composed of native habitats and species, and large enough for the effective ecological functioning of natural processes.

They are unmodified or only slightly modified and without intrusive or extractive human activity, settlements, infrastructure or visual disturbance.

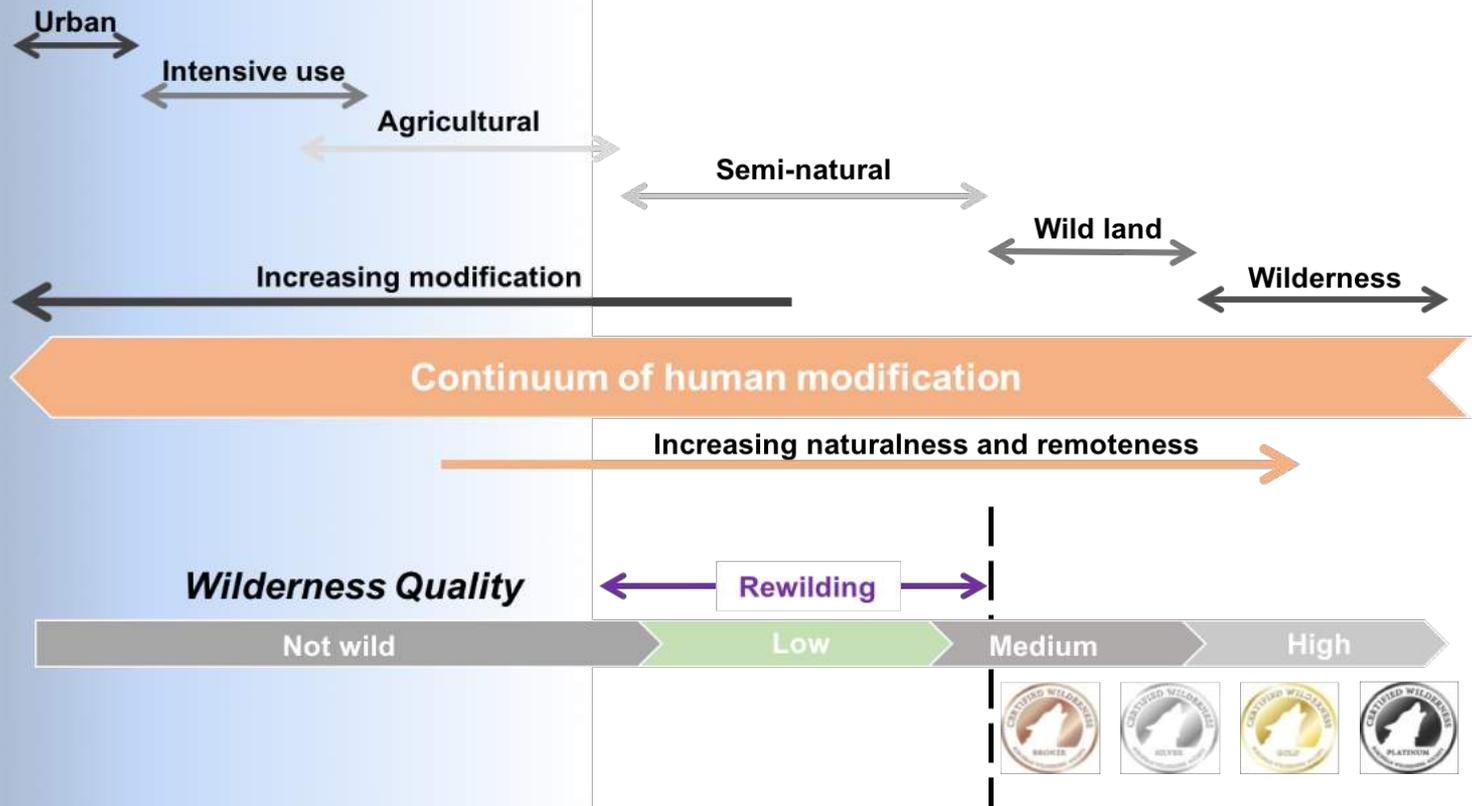
Wild Area Definition

Wilderness zones meeting the European Wilderness Quality Standard and Audit System “Bronze- or Silver Categories” are wild areas that have a high level of predominance of natural process and natural habitat.

They tend to be individually smaller and more fragmented than the “Gold- or Platinum Category” wilderness areas, although they often cover extensive tracts.

The condition of their natural habitat, processes and relevant species is however often partially or substantially modified by past human activities such as livestock herding, hunting, fishing, and collecting berries and mushrooms.

Wilderness continuum (Adapted from Rob Lesslie, 2013)



Wilderness thus means

- No Human extraction e.g.
 - No Hunting
 - No Logging
 - No mineral collections
 - No mining
 - No deadwood collection
- No Human intervention e.g.
 - No disease or alien species control
 - No restoration measures
- Open ended undefined natural dynamic processes
- Some call it: Self-Willed Land



Oulanka Wilderness

European Wilderness Quality Standard

- European Wilderness Definition
- 9 Principles
- 54 Criteria
- 300+ Indicators
- 14 day field audit
- 6 months research and analysis of findings
- 200-page SWOT Analysis
- Detailed recommendations
- Habitat Independent, solution oriented, EU wide, Basis for Wilderness Management plans, continuous controls and audits, full support system, supported by great marketing



Kalkalpen Wilderness

European Wilderness Preservation System

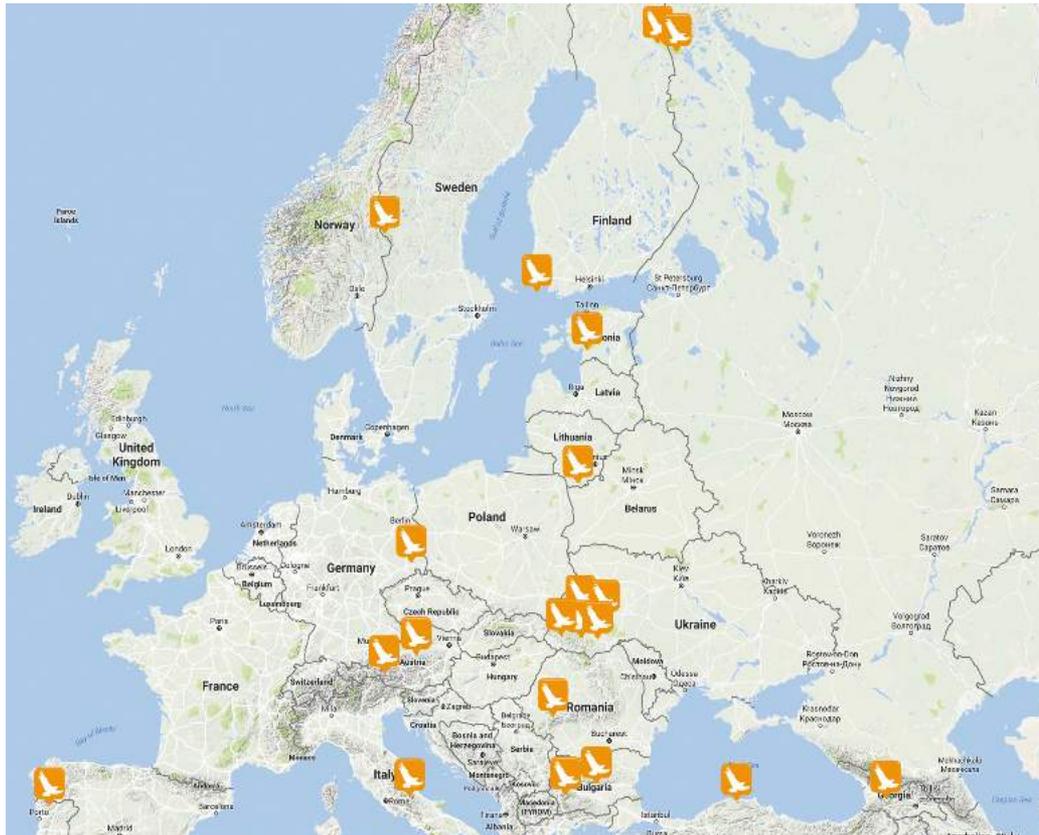
- Europe's best Wilderness
- The European Wilderness Preservation System in 2016 has:
 - 21 audited Wilderness in 14 countries with 313.493 ha core zone.
- The European Wilderness Preservation System will be expanded:
 - **WILDIslands** (2017)
 - **WILDCoasts** (2018)
 - **WILDRivers** (2018)
- The European Wilderness Preservation System is the backbone of the Pan-European Green Corridor Network (PEGNet)
- Objective 500.000 ha by 2020, 1 million ha by 2030





Potential Danube WILDislands

European Wilderness Preservation System



Audited Wilderness in EE 2016

- Rila Wilderness
- Central Balkan Wilderness
- Zacharovanyy Kray Wilderness
- Synevyr Wilderness
- Borjomi Kharagauli Wilderness
- Paanajärvi Wilderness
- Retezat Wilderness
- Majella Wilderness
- Kure Wilderness
- Sooma Wilderness
- Džukjia Wilderness
- Uholka Wilderness
- Gorgany Wilderness
- Homul Wilderness
- Peneda Geres Wilderness
- Fullufjalet Wilderness
- Archipelago Wilderness

Potential Wilderness in EE 2014



Uholka Wilderness

European Wilderness Register

- EU Contract No: 07.0307/2011/610387/SER/B.3
- Report finished October 2013
- PanParks (EWS), Alterra and Wildlands Research Institute
- Identified 522 Wilderness and Wild Areas in 27 EU Countries with a potential to meet the European Wilderness Quality Standard
- 284 meeting the Gold/Platinum Standard
- 238 meeting the Bronze/Silver Standard
- 176 areas in Eastern Europe

Wilderness register and indicator for Europe

Final report
October 2013

Contract N°: 07.0307/2011/610387/SER/B.3



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A.T. Kuiters, M. van Epen, S. Carver, M. Fisher, Z. Kua & V. Vancura



European Wilderness Register EE



Kure

ID	CDDA Code	ISO3	Site_name	Wildernes s category	IUCN category	Site area (ha)	Core area (ha)	Natura 2000
14	555513696	ALB	Karaburun-Sazan Marine National Park	B	II	12.571		FALSE
13	101471	ALB	Lumi i Gashit	B	Ia	3.000		FALSE
12	12444	ALB	Theth	B	II	2.630		
40	179268	BGR	The adjacent Greek territories	B	IV	1.926	1.445	TRUE
54	5	BGR	Balgarka Nature Park	B	IV	21.772		TRUE
55	349924	BGR	Belasitza	B	V	1.732		TRUE
56	31720	BGR	Belasitza/Kongura	B	Ib	1.312	1.312	TRUE
15	32361	BGR	Centralen Balkan	B	II	71.670		TRUE
24	4504	BGR	Centralen Balkan/Boatin	A	Ib	1.597	1.597	TRUE
16	1231	BGR	Centralen Balkan/Dzhendema	A	Ib	4.220	4.220	TRUE
22	176833	BGR	Centralen Balkan/Koziata stena	A	Ib	904	904	TRUE
20	11497	BGR	Centralen Balkan/Peesti skali	A	Ib	1.466	1.466	TRUE
23	11495	BGR	Centralen Balkan/Severen Dzhendem	A	Ib	1.610	1.610	TRUE
19	11498	BGR	Centralen Balkan/Sokolna	A	Ib	1.250	1.250	TRUE
21	11493	BGR	Centralen Balkan/Stara reka	A	Ib	1.975	1.975	TRUE
17	11660	BGR	Centralen Balkan/Steneto	A	Ib	3.579	3.579	TRUE
18	4506	BGR	Centralen Balkan/Tsarichina	A	Ib	3.419	3.419	TRUE
51	11567	BGR	Chervenata stena	A	Ib	3.029	3.029	TRUE
47	11504	BGR	Chuprene	B	Ib	1.439	1.439	TRUE
46	2	BGR	Chuprene (1452 ha) and the protected	B	IV	2.003	1.502	TRUE
43	1	BGR	Core area of the reserves of Orelyak and	B	IV	20.000		
49	11502	BGR	Kupena	B	Ib	1.761	1.761	TRUE
25	602	BGR	Pirin	B	II	40.332		
27	4505	BGR	Pirin/Baiuvi dupki Dzhindzhiritsa	A	Ib	2.873	2.873	TRUE
26	115297	BGR	Pirin/Yulen	A	Ib	3.156	3.156	TRUE
48	3	BGR	Reserve of Koupena and adjacent areas	B	IV	3.000	2.250	TRUE
28	62485	BGR	Rila	B	II	81.046		
29	62480	BGR	Rila/Centralen Rilski Reservat	A	Ib	12.394	12.394	TRUE
32	11494	BGR	Rila/lbar	A	Ib	2.249	2.249	TRUE
31	1230	BGR	Rila/Parangalitsa	A	Ib	1.509	1.509	TRUE
30	30701	BGR	Rila/Rilomanastirska Gora	A	Ib	3.677	3.677	TRUE
39	176798	BGR	Rodopi	B	N/A	7.720		TRUE
41	11490	BGR	Sinite kamani	B	V	11.381		
42	176837	BGR	Sinite kamani/Kutelka	B	Ib	645	645	TRUE
45	11501	BGR	South Pirin/Ali botush	B	Ib	1.628	1.628	TRUE

ID	CDDA Code	ISO3	Site_name	Wilderness category	IUCN category	Site area (ha)	Core area (ha)	Natura 2000
44	19031	BGR	South Pirin/Oreliak	B	Ib	758	758	TRUE
33	176828	BGR	Strandzha	B	V	116.069		
35	11508	BGR	Strandzha/Silkosia	A	Ib	390	390	TRUE
37	116101	BGR	Strandzha/Sredoka	A	Ib	608	608	TRUE
36	30706	BGR	Strandzha/Tisovitsa	A	Ib	749	749	TRUE
34	1229	BGR	Strandzha/Uzunbodjak	A	Ib	2.530	2.530	TRUE
38	115296	BGR	Strandzha/Vitanovo	A	Ib	1.112	1.112	TRUE
50	4	BGR	The strict reserve Chervenata stena and	B	IV	3.360		TRUE
52	349919	BGR	voda	A	III	330	330	TRUE
53	30709	BGR	Vrachanski balkan	B	V	3.013		TRUE
61	179411	BIH	Bijambare	B	V	497	137	FALSE
65		BIH	Blidinje	B	Ia	35.800	633	FALSE
59	145443	BIH	Hutovo Blato	B	Park	7.411		FALSE
60	2521	BIH	Kozara NP	B	II	3.375		
64	179494	BIH	Skakavac	B	III	1.430	461	FALSE
58	1055	BIH	Sutjeska NP	B	II	17.250		FALSE
63		BIH	Tajan	B	III	4.948	4.038	FALSE
57		BIH	Una NP	B	Ib, II, V	19.800		
62	341998	BIH	Vrelo Bosne	B	III	603	55	FALSE
66		BIH	B	Ib		3.269		
68	344527	CZE	NP Šumava	B	II	69.030		
69	343837	CZE	NP Šumava/Modravské slate	A	Ib	3.615	3.615	TRUE
99	378918	EST	Agusalu LKA, Sinoi-Kiiseli skv.	A	Ib	3.336	3.336	TRUE
93	170302	EST	Alam-Pedja LKA, Laeva soo skv.	A	Ib	7.062	7.062	TRUE
101	379171	EST	Alam-Pedja LKA, Põltsamaa raba skv.	A	Ib	6.610	6.610	TRUE
102	170308	EST	Avaste LKA, Avaste skv.	B	Ib	4.119		
95	170619	EST	Lahemaa RP, Juminda-Suurekõrve skv.	A	Ib	3.406	3.406	TRUE
96	170636	EST	Lahemaa RP, Valgejõe-Laukasoo skv.	A	Ib	3.707	3.707	TRUE
108	177820	EST	Leidisoo LKA, Suurraba skv.	B	Ib	4.230		
100	379030	EST	Muraka LKA, Lipu soo skv.	A	Ib	2.752	2.752	TRUE
103	170339	EST	Muraka LKA, Muraka raba skv.	B	Ib	4.404		TRUE
94	170343	EST	Nigula LKA, Nigula skv.	A	Ib	2.512	2.512	TRUE
104	170358	EST	Pihla-Kaibaldi LKA, Pihlasoo skv.	B	Ib	2.551		TRUE
109	378839	EST	Põhja-Kõrvemaa LKA, Jussi skv.	B	Ib	6.999		TRUE
105	170364	EST	Puhatu LKA, Mustalatva skv.	B	Ib	3.308		TRUE
106	170366	EST	Puhatu LKA, Puhatu soo skv.	B	Ib	3.686		
107	170376	EST	Sirtsil LKA, Sirtsil soo skv.	B	Ib	3.168		

ID	CDDA Code	ISO3	Site_name	Wilderness category	IUCN category	Site area (ha)	Core area (ha)	Natura 2000
97	98	100	101	102	103	4.608	4.608	TRUE
						39.000	11.000	TRUE
98	170648	EST	Soomaa RP, Öördi skv.	A	lb	5.288	5.288	TRUE
119	10940	HRV	BRIJUNI	B	II	3.397	2.387	TRUE
117	1058	HRV	PAKLENICA	A	II	9.507	4.775	TRUE
115	1054	HRV	PLITVIČKA JEZERA	A	II	29.618	19.761	TRUE
118	2518	HRV	Risnjak	A	II	6.342	4.291	TRUE
116	377865	HRV	SJEVERNI VELEBIT	A	II	11.153	9.667	TRUE
139	1683	LTU	Aukštaitijos nacionalinis parkas	A	II	41.056	10.000	TRUE
143	1684	LTU	Cepkeliu valstybinis gamtinis rezervatas	A	Ia	11.227	13.004	FALSE
142	31551	LTU	Dzukijos nacionalinis parkas	B	II	58.522		
		LTU	Cepkeliai - Dzukia	A	II	69.745	13.004	TRUE
137	1686	LTU	Kamanu valstybinis gamtinis rezervatas	B	Ia	3.961	1.644	TRUE
141	31552	LTU	Kursiu nerijos nacionalinis parkas	B	II	27.219	3.000	TRUE
138	31550	LTU	Viesviles valstybinis gamtinis rezervatas	A	Ia	3.219	3.219	TRUE
140	31554	LTU	Zemaitijos nacionalinis parkas	B	II	21.902	1.227	TRUE
144	337493	LUX	Grunewald	B	IV	3.136		TRUE
146	1678	LVA	Gaujas nacionalais parks	B	II	91.790	3.690	TRUE
147	146748	LVA	Kemeru nacionalais parks	B	II	38.167	2.825	TRUE
145	15777	LVA	Teicu dabas rezervats	B	Ib	19.779	19.664	TRUE
148	2516	MKD	Galichica	B	II	24.151	2.117	FALSE
149	196501	MKD	Pelister	B	II	17.150	3.289	FALSE
511	1059	MNE	Biogradska Gora	B	II	5.400	1.600	FALSE
509	1051	MNE	Durmitor	B	II	32.200		
510	2519	MNE	Lovcen	B	II	6.220	1.344	FALSE
512		MNE	Prokletije	B	II	16.630	1.052	FALSE
507	16385	MNE	Skadarsko jezero	B	II	40.000		
513		MNE	Tivat Salina	B	II	150	150	FALSE
251	106887	POL	Babiogórski PN	B	II	3.391	1.124	TRUE
242	854	POL	Białowiecki PN	A	II	10.517	4.700	TRUE
248	11146	POL	Biebrzański PN	A	II	59.223	7.200	TRUE
246	851	POL	Bieszczadzki PN	A	II	29.200	18.553	TRUE
262	106888	POL	Bory Tucholskie PN	B	II	4.613	324	TRUE
250	26068	POL	Drawieński PN	B	II	11.342	568	TRUE
263	106889	POL	Gór Stołowych PN	B	II	6.340	771	TRUE
247	4463	POL	Gorczański PN	A	II	7.031	3.611	TRUE
253	847	POL	Kampinoski PN	B	II	38.548	4.636	TRUE

ID	CDDA Code	ISO3	Site_name	Wilderness category	IUCN category	Site area (ha)	Core area (ha)	Natura 2000
254	852	POL	Karkonoski PN	B	II	5.579	1.723	TRUE
252	11144	POL	Magurski PN	B	II	19.439	2.408	TRUE
259	859	POL	Ojcowski PN	B	V	2.145	249	TRUE
258	857	POL	Pieninski PN	B	II	2.374	743	TRUE
264	177261	POL	PN Ujscie Warty	B	II	8.038	681	TRUE
261	11147	POL	Poleski PN	B	II	9.762	116	TRUE
257	856	POL	Roztoczanski PN	B	II	8.482	805	TRUE
244	849	POL	Slowinski PN	A	II	32.744	5.928	TRUE
245	850	POL	Swietokrzyski PN	B	II	7.626	1.751	TRUE
243	848	POL	Tatrzanski PN	A	II	21.197	12.609	TRUE
255	853	POL	Wielkopolski PN	B	II	7.584	259	TRUE
249	14197	POL	Wigierski PN	B	V	14.898	623	TRUE
256	855	POL	Wolinski PN	B	II	10.937	500	TRUE
271	11172	ROU	Calimani	B	II	24.041	1.128	TRUE
272	11170	ROU	Ceahlau	B	II	7.742	366	TRUE
273	63612	ROU	Cheile Bicazului - Hasmas	B	II	6.575	396	TRUE
274	11176	ROU	Cheile Nerei - Beusnita	B	II	36.758	1.144	TRUE
275	31708	ROU	Complexul Periteasca - Leahova	A	Ia	4.125	4.125	TRUE
276	11184	ROU	Complexul Sacalin Zatoane	B	Ia	21.393	21.393	TRUE
277	11175	ROU	Domogled - Valea Cernei	B	II	61.211	498	TRUE
278	31704	ROU	Grindul si Lacul Raducu	B	Ia	2.500	2.500	TRUE
287	63636	ROU	marin)	B	Ia	5.561	5.561	TRUE
279	184172	ROU	Muntii Macinului	B	II	11.151	449	TRUE
288	196496	ROU	Natural Balta Mica a Brailei	B	Ia	5.916	1.000	TRUE
289	196495	ROU	Natural Portile de Fier	A	Ia	12.768	3.000	TRUE
280	31703	ROU	Padurea Letea	B	Ia	3.085	3.085	TRUE
281	11173	ROU	Piatra Craiului	B	II	14.766	6.333	TRUE
282	9375	ROU	Piatra Craiului	B	Ia	1.459	1.459	TRUE
283	11785	ROU	Pietrosul Mare	A	Ia	3.300	3.300	FALSE
284	861	ROU	Retezat	A	II	38.138	14.215	TRUE
285	11171	ROU	Rodna	B	II	47.177	5.793	TRUE
286	31702	ROU	Rosca - Buhaiova	A	Ia	9.625	9.625	TRUE
270	183551	ROU	Semenic - Cheile Carasului National Park	A	Ia	5.012	5.012	TRUE
		RUS	Paanajarvi NP	A	Ib	104.000	30.000	TRUE
290	15596	SRB	Tara	A	II	19.200	2.963	FALSE
538	14114	SVK	Nizke Tatry/Đumbier	B	Ia	2.043	2.043	TRUE
539	14138	SVK	Nizke Tatry/Jánska dolina	B	Ia	1.696	1.696	TRUE

ID	CDDA Code	ISO3	Site_name	Wilderness category	IUCN category	Site area (ha)	Core area (ha)	Natura 2000
540	14116	SVK	Nizke Tatry/Ohnište	B	Ia	852	852	TRUE
311	172848	SVK	Nizke Tatry/Skalka	B	Ia	2.660	2.660	TRUE
301	147842	SVK	Tatransky/Batizovska dolina	B	Ia	523	387	TRUE
293	63590	SVK	Tatransky/Belianske Tatry	B	Ia	5.408	3.409	TRUE
294	63592	SVK	Tatransky/Bielovodska dolina	B	Ia	3.712	2.803	TRUE
306	63594	SVK	Tatransky/Dolina Bielej vody	B	Ia	1.661	1.150	TRUE
297	147870	SVK	Tatransky/Furkotska dolina	B	Ia	842	517	TRUE
537		SVK	Tatransky/Jalovecká dolina	B	Ia	2.531	2.531	TRUE
307	63596	SVK	Tatransky/Javorova dolina	B	Ia	2.250	1.997	TRUE
295	63597	SVK	Tatransky/Koprova dolina	B	Ia	3.221	2.813	TRUE
299	63598	SVK	Tatransky/Mengusovska dolina	B	Ia	1.612	1.612	TRUE
298	147938	SVK	Tatransky/Mlynicka dolina	B	Ia	704	652	TRUE
535	147969	SVK	Tatransky/Roháčské plesá	B	Ia	452	446	TRUE
534	147982	SVK	Tatransky/Sivý vrch	B	Ia	112	155	TRUE
305	63599	SVK	Tatransky/Skálnata dolina	B	Ia	1.069	535	TRUE
304	147984	SVK	Tatransky/Slavkovska dolina	B	Ia	979	784	TRUE
300	147991	SVK	Tatransky/Stolska dolina	B	Ia	739	570	TRUE
303	63600	SVK	Tatransky/Studene doliny	B	Ia	2.222	1.925	TRUE
533	147994	SVK	Tatransky/Suchá dolina	B	Ia	1.585	1.544	TRUE
292	63601	SVK	Tatransky/Ticha dolina	B	Ia	5.967	5.493	TRUE
296	63602	SVK	Tatransky/Vazecka dolina	B	Ia	1.185	985	TRUE
302	63603	SVK	Tatransky/Velicka dolina	B	Ia	1.217	941	TRUE
536		SVK	Tatransky/Západné Tatry-Roháče	B	Ia	1.433	1.433	TRUE
309	14132	SVK	Velka Fatra/Tlsta	B	Ia	3.066	3.066	TRUE
		UKR	Zacharovanyy Kray NNP	A	Ia	6.101	1.332	-
		UKR	Uholka Wilderness	A	Ia	57.880	8.958	
		UKR	Gorgany Wilderness	A	Ia	5.344	5.344	
		UKR	Synevyr Wilderness	A	Ia	43.041	3.000	
		UKR	Homul Wilderness	A	Ia	51.570	8.500	
			Total potential wilderness in hectar			2.314.999	511.656	



Potential Biebrza Wilderness



Oulanka Wilderness



Potential Jalovecka Valley Wilderness



Hohe Tauern Wilderness



Zacharovanny Kray Wilderness



Soomaa Wilderness



Potential Starobocianska Valley Wilderness



Potential Vorpommersche Boddenlandschaft Wilderness

Team in Action









European Wilderness Days 2017

24-26 May 2017

Liptovsky Hradok

3 days presentations, workshops, hiking into Slovakian Wilderness



Let's get wild

