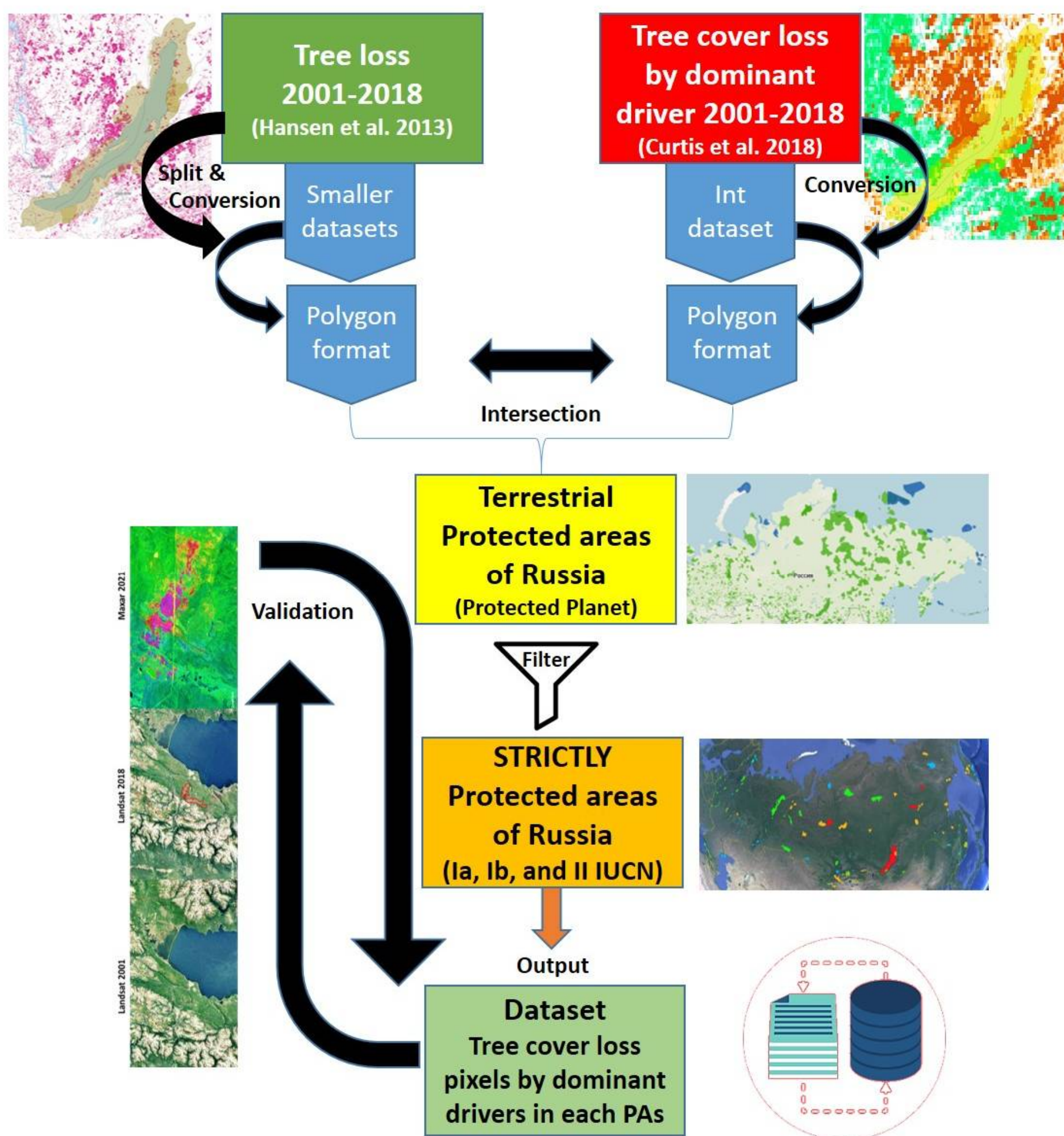


Supplementary Figure S1 - Flow chart of the methodology



Supplementary Table S1 - Analysis of all strict Russian PAs

LON_X	LAT_Y	NAME	DESIGNATION	TYPE	IUCN CAT	INT CRITERIA	STATUS YEAR	TREE COVER (in ha)	Total Area PA (in ha)	Total Loss (in ha)	Undefined Loss (in ha)	Loss due to shift Agriculture (in ha)	Loss due to Forestry (in ha)	Loss due to Wildfires (in ha)	Loss due to Urbanization (in ha)
107.59	53.41	Lake Baikal	World Heritage Site (natural or mixed)	International	Not Applicable	(vii)(viii)(ix)(x)	1996	4,615,966	8,567,370	570,801.01	30,321.64	0.00	177,157.52	363,321.84	0.00
124.08	61.85	Sinyaya	Nature Park	National	II	Not Applicable	1996	1,111,647	1,264,664	374,271.53	32,595.54	0.00	0.00	341,675.98	0.00
134.55	63.48	Tukulan	Zakaznik	National	IV	Not Applicable	0	271,305	1,294,703	237,527.11	46,973.96	0.00	0.00	190,553.15	0.00
126.85	60.82	Lena Pillars Nature Park	World Heritage Site (natural or mixed)	International	Not Applicable	(viii)	2012	1,277,938	1,324,285	197,686.72	4,903.97	0.00	186.55	192,596.20	0.00
84.49	62.99	Verkhne-Tazovsky	Zapovednik	National	Ia	Not Applicable	1986	829,145	1,160,944	136,739.78	2,871.04	0.00	0.00	133,868.74	0.00
166.09	61.84	Parapolsky Dol	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(iii)(v)	1994	283,834	1,833,408	117,909.41	21,240.26	0.00	0.00	96,669.15	0.00
81.34	62.52	Sibirskie Uvaly	Nature Park	National	II	Not Applicable	1998	799,997	1,199,456	112,661.98	2,286.47	0.00	65,968.11	44,407.41	0.00
127.00	61.08	Lenskie stolby	Nature Park	National	II	Not Applicable	1995	469,802	597,084	104,267.88	2,013.33	0.00	361.24	101,893.31	0.00
146.03	65.47	Momskiy	Nature Park	National	II	Not Applicable	1996	3,897	2,292,062	90,320.24	20,935.23	0.00	0.00	69,385.01	0.00
118.80	66.12	Solokut	Nature Park	National	II	Not Applicable	0	291,978	409,748	90,306.91	1,973.28	0.00	0.00	88,333.62	0.00
136.18	45.38	Sikhote-Alin	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1978	1,329,103	1,408,679	82,263.24	4,960.65	0.00	39,652.86	37,649.72	0.00
45.29	56.40	Kama-Bakaldino mires	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(iii)	1994	196,462	224,292	62,492.99	0.00	0.00	23,525.15	38,967.84	0.00
102.00	60.83	Tungusky	Zapovednik	National	Ia	Not Applicable	1995	234,817	289,736	47,770.21	13,201.25	0.00	0.00	34,568.96	0.00
122.23	58.69	Olekminsky	Zapovednik	National	Ia	Not Applicable	1984	800,803	837,167	42,707.84	2,341.29	0.00	0.00	40,366.55	0.00
109.84	54.48	Barguzinskyi	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1978	221,942	362,467	42,188.20	624.35	0.00	0.00	41,563.85	0.00
90.71	62.31	Tzentralsibirskiy	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1986	1,285,773	1,327,540	34,404.71	3,041.62	0.00	0.00	31,363.08	0.00
137.79	56.90	Dzhugdzhursky	Zapovednik	National	Ia	Not Applicable	1990	472,077	798,427	34,227.37	3,681.96	0.00	0.00	30,545.42	0.00
133.06	63.99	Tukulan	Nature Park	National	II	Not Applicable	0	271,305	563,066	30,922.51	1,145.13	0.00	0.00	29,777.38	0.00
66.05	64.70	Lower Dvuobje	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(iii)(iv)(v)(vii)(viii)	1994	299,699	650,318	27,764.01	1,597.73	0.00	1,507.51	24,658.77	0.00
90.39	62.28	Tsentralsibirskiy	Zapovednik	National	Ia	Not Applicable	1985	944,113	989,672	26,339.72	2,537.89	0.00	0.00	23,801.83	0.00
136.20	45.29	Central Sikhote-Alin	World Heritage Site (natural or mixed)	International	Not Applicable	(x)	2001	385,295	399,927	25,035.15	1,642.20	0.00	5,704.92	17,688.04	0.00
148.84	60.48	Magadansky	Zapovednik	National	Ia	Not Applicable	1982	568,550	947,288	24,064.04	4,762.49	0.00	0.00	19,301.55	0.00
92.01	52.19	Sayano-Shushenskiy	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1984	509,865	754,699	22,849.62	903.42	0.00	8,791.46	13,154.74	0.00
156.36	56.38	Moroshechnaya River	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(iii)(v)	1994	105,826	388,123	22,501.80	138.45	0.00	0.00	22,363.35	0.00
148.94	68.06	Alazea	Nature Park	National	II	Not Applicable	0	409,548	808,903	20,195.62	8,464.80	0.00	0.00	11,730.83	0.00
139.15	48.11	Botchinsky	Zapovednik	National	Ia	Not Applicable	1994	270,407	282,833	19,666.44	258.48	0.00	19,366.82	41.14	0.00
87.85	50.51	Golden Mountains of Altai	World Heritage Site (natural or mixed)	International	Not Applicable	(x)	1998	664,036	1,728,686	18,988.45	3,822.02	0.00	0.52	15,165.91	0.00

92.34	50.99	Ubsunorskaya Kotlovina	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1997	140,595	509,021	17,615.08	677.20	0.00	189.97	16,747.90	0.00
159.05	54.59	Volcanoes of Kamchatka	World Heritage Site (natural or mixed)	International	Not Applicable	(vii)(viii)(ix)(x)	1996	2,430,075	3,991,418	16,391.33	5,339.94	0.00	385.80	10,665.58	0.00
88.66	51.03	Altaiisky	Zapovednik and UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1932 and 2009	401,770	947,512	16,263.24	2,019.82	0.00	0.00	14,243.42	0.00
40.29	54.99	Oka & Pra River Floodplains	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(v)	1994	112,301	134,803	15,867.55	101.31	0.00	15,766.24	0.00	0.00
130.31	52.67	Norsky	Zapovednik	National	Ia	Not Applicable	1998	198,592	216,369	15,498.71	46.63	0.00	0.00	15,452.08	0.00
97.48	52.53	Azas	Zapovednik	National	Ia	Not Applicable	1985	268,796	333,245	14,741.12	983.96	0.00	0.00	13,757.16	0.00
40.30	55.55	Meschera	National Park	National	II	Not Applicable	1992	105,535	119,950	14,477.69	0.00	0.00	14,477.69	0.00	0.00
43.33	54.83	Mordovsky	Zapovednik	National	Ia	Not Applicable	1936	53,245	56,739	12,776.50	2.18	0.00	8,321.65	4,452.67	0.00
134.61	51.92	Bureinsky	Zapovednik	National	Ia	Not Applicable	1987	290,359	352,926	12,698.10	1,573.56	0.00	0.24	11,124.31	0.00
33.96	52.50	Nerusso-Desnianskoe-Polesie	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	2001	143,645	160,128	11,805.56	0.00	0.00	11,805.56	0.00	0.00
74.61	59.75	Yugansky	Zapovednik	National	Ia	Not Applicable	1982	437,647	633,975	11,450.29	842.78	0.00	528.32	10,079.20	0.00
45.02	56.50	Nijegorodskoe Zavolje	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	2002	43,765	47,324	11,220.29	0.00	0.00	725.25	10,495.04	0.00
70.77	63.64	Numto	Nature Park	National	II	Not Applicable	1997	273,224	546,958	9,451.11	1,331.13	0.00	2,078.29	6,041.70	0.00
40.71	54.81	Okskiy	Zapovednik and UNESCO-MAB Biosphere Reserve	International	Ia	Not Applicable	1935 and 1978	54,561	56,501	9,342.53	113.94	0.00	9,228.59	0.00	0.00
40.17	55.09	Meschersky	National Park	National	II	Not Applicable	1992	92,747	117,367	9,115.95	0.00	0.00	9,115.95	0.00	0.00
47.19	56.22	Zavolzh'e	Nature Park	National	II	Not Applicable	1995	35,169	53,117	8,380.50	47.99	0.00	1,437.37	6,895.14	0.00
108.56	66.81	Alakit	Nature Park	National	II	Not Applicable	0	518,382	1,753,195	8,117.36	3,198.98	0.00	0.00	4,918.38	0.00
59.13	63.75	Virgin Komi Forests	World Heritage Site (natural or mixed)	International	Not Applicable	(vii)(ix)	1995	2,226,681	2,881,512	7,858.27	3,524.27	0.00	4,238.28	95.73	0.00
91.87	52.17	Sayano-Shushensky	Zapovednik	National	Ia	Not Applicable	1976	241,360	390,595	7,507.56	788.74	0.00	1,483.16	5,235.67	0.00
36.83	62.91	Vodlozersky	National Park and UNESCO-MAB Biosphere Reserve	International	II	Not Applicable	1991 and 2001	299,007	542,279	7,010.28	818.89	0.00	6,191.38	0.00	0.00
127.12	54.06	Zeysky	Zapovednik	National	Ia	Not Applicable	1963	96,385	98,922	6,115.27	8.20	0.00	0.00	6,107.07	0.00
111.02	49.72	Sokhondinskiy	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1984	153,300	218,629	6,095.76	496.71	0.00	857.11	4,741.93	0.00
165.41	60.95	Koryaksky	Zapovednik	National	Ia	Not Applicable	1995	29,449	311,181	5,976.54	142.58	0.00	0.00	5,833.96	0.00
105.24	51.37	Baikalsky	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1986	134,084	185,981	5,757.65	503.70	0.00	957.92	4,296.03	0.00
30.24	59.03	Mshinskaya wetland system	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(v)	1994	49,940	78,645	5,746.76	0.00	0.00	5,449.00	297.75	0.00
95.30	50.54	Ubsunurskaya Kotlovina	Zapovednik	National	Ia	Not Applicable	1993	9,002	34,971	5,119.85	0.15	0.00	0.00	5,119.70	0.00
157.16	68.05	Kolyma	National Park (project)	National	Not Reported	Not Applicable	0	761,093	1,207,495	4,782.70	959.53	0.00	0.00	3,823.17	0.00
33.17	57.89	Valdaisky	National Park	National	II	Not Applicable	1990	168,716	203,396	4,692.53	0.00	0.00	4,692.53	0.00	0.00
94.02	69.01	Putorana Plateau	World Heritage Site (natural or mixed)	International	Not Applicable	(vii)(ix)	2010	271,323	1,989,993	4,560.76	521.52	0.00	0.00	4,039.23	0.00
59.40	64.72	Yugyd Va	National Park	National	II	Not Applicable	1994	1,134,776	1,706,569	4,325.72	1,970.78	0.00	2,261.06	93.87	0.00

67.47	61.67	Upper Dvuobje	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(v)(vi)(vii)(viii)	1994	153,432	477,164	4,092.35	829.62	0.00	3,262.73	0.00	0.00
93.94	69.03	Putoransky	Zapovednik	National	Ia	Not Applicable	1988	261,434	1,866,056	3,964.63	508.77	0.00	0.00	3,455.86	0.00
69.22	55.68	Tobol-Ishim Forest-steppe	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(iii)(v)	1994	348,199	1,281,896	3,682.96	2,144.87	0.00	1,420.81	117.27	0.00
64.12	62.00	Malaya Sosva	Zapovednik	National	Ia	Not Applicable	1976	87,407	94,117	3,429.26	102.76	0.00	3,088.04	238.46	0.00
59.03	61.28	Vishersky	Zapovednik	National	Ia	Not Applicable	1991	201,735	248,574	3,131.98	828.10	0.00	2,303.88	0.00	0.00
33.28	67.04	Iolga	National Park (project)	National	Not Reported	Not Applicable	0	205,213	277,370	2,692.95	825.52	0.00	984.79	882.64	0.00
88.20	54.57	Kuznetsky Alatau	Zapovednik	National	Ia	Not Applicable	1989	400,046	429,039	2,351.26	1,082.16	0.00	1,269.10	0.00	0.00
28.07	59.70	Kurgalsky Peninsula	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(v)	1994	20,780	53,783	2,347.69	149.48	0.00	2,062.13	136.09	0.00
35.59	54.48	Ugra	National Park and UNESCO-MAB Biosphere Reserve	International	II	Not Applicable	1997 and 2002	74,944	111,566	2,192.41	52.05	0.00	2,140.36	0.00	0.00
138.05	68.10	Nenneli	Nature Park	National	II	Not Applicable	0	11,887	115,104	2,125.73	845.18	0.00	0.00	1,280.55	0.00
59.57	60.47	Denezhkin Kamen	Zapovednik	National	Ia	Not Applicable	1991	32,737	35,833	2,016.32	255.16	0.00	1,761.17	0.00	0.00
31.94	55.54	Smolemsk Lakeland	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	2002	127,579	147,163	1,983.30	156.26	0.00	1,827.04	0.00	0.00
31.94	55.54	Smolenskoye Poozer'e / Smolemsk Lakeland	National Park	National	II	Not Applicable	1992	127,579	147,163	1,983.30	156.26	0.00	1,827.04	0.00	0.00
58.79	62.50	Pechoro-Ilychskiy	Zapovednik and UNESCO-MAB Biosphere Reserve	International	Ia	Not Applicable	1984	644,286	710,514	1,927.35	774.97	0.00	1,150.52	1.86	0.00
59.21	57.39	Chusovskoi (Reka Chusovaya)	National Park (project)	National	Not Reported	Not Applicable	0	51,809	61,929	1,646.48	0.00	0.00	1,646.48	0.00	0.00
137.60	50.73	Komsomolsky	Zapovednik	National	Ia	Not Applicable	1963	62,511	76,592	1,625.14	49.53	0.00	1,575.62	0.00	0.00
38.16	61.96	Kenozersky	National Park and UNESCO-MAB Biosphere Reserve	International	II	Not Applicable	1991 and 2004	126,412	154,956	1,517.45	154.83	0.00	1,362.62	0.00	0.00
38.56	60.02	Russky Sever	National Park	National	II	Not Applicable	1992	143,778	181,036	1,417.04	210.92	0.00	1,206.13	0.00	0.00
40.07	43.61	Sochinsky	National Park	National	II	Not Applicable	1983	103,732	122,152	1,375.70	433.65	0.00	942.05	0.00	0.00
27.87	58.21	Pskovsko-Chudskaya Lowland	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(iii)(v)	1994	63,577	118,720	1,306.43	225.35	0.00	1,081.08	0.00	0.00
35.41	53.28	Orlovskoye Poles'e	National Park	National	II	Not Applicable	1994	42,370	84,951	1,261.13	141.20	0.00	1,119.94	0.00	0.00
47.23	54.84	Chavash Varmane	National Park	National	II	Not Applicable	1993	44,100	47,945	1,206.17	0.00	0.00	1,206.17	0.00	0.00
160.86	54.74	Kronotskiy	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1984	593,019	1,148,840	1,073.72	967.25	0.00	0.00	106.47	0.00
92.93	55.81	Stolby	Zapovednik	National	Ia	Not Applicable	1925	57,091	57,760	1,053.24	584.07	0.00	469.18	0.00	0.00
37.82	55.86	Losiny Ostrov	National Park	National	II	Not Applicable	1983	9,843	11,157	1,031.65	0.00	0.00	31.35	0.00	1,000.30
51.72	53.04	Buzulukskiy bor	Protected Forest	National	Not Reported	Not Applicable	0	42,887	52,850	997.88	239.99	0.00	711.71	46.17	0.00
64.18	57.12	Pripyshmenskie Bory	National Park	National	II	Not Applicable	1993	53,145	58,261	991.21	0.00	0.00	991.21	0.00	0.00
32.00	67.94	Laplandsky	Zapovednik	National	Ia	Not Applicable	1930	179,472	307,870	930.21	562.92	0.00	367.29	0.00	0.00
40.29	43.83	Kavkazskiy	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1978	180,283	274,709	852.40	415.33	253.68	183.38	0.00	0.00

89.63	52.78	Khakassky	Zapovednik	National	Ia	Not Applicable	1999	72,604	134,730	834.71	437.13	0.00	127.58	270.00	0.00
40.31	43.83	Western Caucasus	World Heritage Site (natural or mixed)	International	Not Applicable	(ix)(x)	1999	181,189	287,706	753.00	412.84	298.67	41.49	0.00	0.00
88.56	52.62	Shorsky	National Park	National	II	Not Applicable	1989	383,283	386,442	719.19	491.53	0.00	121.36	106.31	0.00
158.92	53.46	Nalychevskiy	Nature Park	National	II	Not Applicable	1995	190,997	293,143	701.72	325.28	0.00	376.44	0.00	0.00
58.01	54.29	Yuzhno-Uralsky	Zapovednik	National	Ia	Not Applicable	1978	242,857	259,236	698.51	392.49	0.00	306.02	0.00	0.00
56.70	53.02	Bashkiria	National Park	National	II	Not Applicable	1986	87,215	106,800	694.92	120.10	0.00	574.82	0.00	0.00
45.39	54.81	Smolny	National Park	National	II	Not Applicable	1995	35,533	37,677	650.91	41.16	0.00	78.81	530.94	0.00
48.55	45.77	Volga Delta	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(iii)(iv)(v)(vi)(vii)(viii)	1976	186,461	1,064,686	622.17	376.78	0.00	49.17	196.22	0.00
49.68	53.31	Middle Volga	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	2006	102,453	164,765	583.22	135.48	0.00	48.16	399.59	0.00
34.17	67.82	Khibiny	National Park (project)	National	Not Reported	Not Applicable	0	68,534	195,770	554.69	94.39	0.00	0.62	459.68	0.00
29.96	66.74	Kutsa	National Park	National	Not Reported	Not Applicable	1994	47,850	56,438	545.21	91.83	0.00	453.38	0.00	0.00
91.52	52.78	Shushensky Bor	National Park	National	II	Not Applicable	1995	25,743	32,009	531.66	82.45	0.00	449.21	0.00	0.00
49.67	53.29	Samarskaya Luka	National Park	National	II	Not Applicable	1984	82,026	138,637	528.62	121.11	0.00	17.54	389.97	0.00
139.83	52.09	Lake Udyl & the mouths of the Bichi, Bitki & Pilda Rivers	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(iii)(iv)(viii)	1994	24,188	71,511	512.62	83.27	0.00	68.81	360.54	0.00
133.04	49.02	Bastack	Zapovednik	National	Ia	Not Applicable	1997	87,645	92,029	500.68	159.74	0.00	190.77	150.16	0.00
146.07	44.24	Kurilsky	Zapovednik	National	Ia	Not Applicable	1984	61,299	70,153	480.14	202.26	0.00	277.88	0.00	0.00
46.75	54.99	Prisursky	Zapovednik	National	Ia	Not Applicable	1995	10,177	10,853	475.94	0.00	0.00	475.94	0.00	0.00
39.61	51.95	Voronezhsky	Zapovednik	National	Ia	Not Applicable	1927	28,553	29,931	460.29	30.51	0.00	429.78	0.00	0.00
58.45	58.87	Bassegi	Zapovednik	National	Ia	Not Applicable	1982	35,597	36,320	444.38	24.88	0.00	419.51	0.00	0.00
33.00	60.59	Svir Delta	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(v)	1994	37,486	57,738	429.45	73.08	0.00	356.38	0.00	0.00
130.11	49.24	Khingano-Arkharinskaya Lowland	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(iii)(iv)	1994	160,194	410,952	410.08	361.42	0.00	5.83	42.82	0.00
47.93	52.47	Khvalynsky	National Park	National	II	Not Applicable	1994	16,297	25,787	408.84	139.18	0.00	269.66	0.00	0.00
28.46	56.18	Sebezshsky	National Park	National	II	Not Applicable	1996	37,114	49,932	401.74	0.00	0.00	401.74	0.00	0.00
93.80	52.76	Ergaki	Nature park (project)	National	II	Not Applicable	0	37,527	73,380	395.21	161.24	0.00	184.72	49.26	0.00
136.02	49.64	Lake Bolon & the mouths of the Selgon & Simmi Rivers	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(iii)(iv)(v)(vii)(viii)	1994	51,392	127,784	389.90	184.97	0.00	57.07	147.86	0.00
41.62	43.39	Teberda	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1997	36,862	147,549	371.91	158.03	0.00	173.04	40.83	0.00
82.82	70.41	Brekhovskiy Islands in the Yenisei estuary	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(iv)(v)	1994	53,358	741,877	370.92	370.92	0.00	0.00	0.00	0.00
48.43	56.14	Mary Chodra	National Park	National	II	Not Applicable	1985	31,318	33,658	365.83	23.30	0.00	342.53	0.00	0.00
30.34	64.44	Kostomukshsky	Zapovednik	National	Ia	Not Applicable	1983	55,385	78,669	356.06	52.23	0.00	303.83	0.00	0.00
59.85	55.33	Taganai	National Park	National	II	Not Applicable	1991	56,157	57,362	344.11	203.66	0.00	140.45	0.00	0.00
83.85	50.94	Tigireksky	National Park (project)	National	Not Reported	Not Applicable	0	37,161	280,584	335.31	271.68	0.00	63.63	0.00	0.00

41.74	51.22	Khopersky	Zapovednik	National	Ia	Not Applicable	1935	15,328	19,089	330.12	138.82	0.00	191.30	0.00	0.00
57.36	57.27	Sylvenskiy	Nature Park	National	II	Not Applicable	1991	3,386	14,175	312.47	0.00	0.00	312.47	0.00	0.00
35.76	53.67	Kaluzhskie Zaseki	Zapovednik	National	Ia	Not Applicable	1992	20,518	21,746	295.25	24.77	0.00	270.48	0.00	0.00
53.88	56.77	Nechkinsky	National Park	National	II	Not Applicable	1997	17,725	23,658	284.55	72.54	0.00	212.01	0.00	0.00
49.14	55.38	Great Volzhsko-Kamsky	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	2007	9,380	87,309	272.75	109.81	0.00	162.93	0.00	0.00
59.06	54.80	Zjuratkul	National Park	National	II	Not Applicable	1993	82,794	89,338	261.70	183.10	0.00	78.59	0.00	0.00
41.63	43.36	Teberdinsky	Zapovednik	National	Ia	Not Applicable	1936	26,039	86,039	259.55	118.74	0.00	99.98	40.83	0.00
133.98	43.12	Lazovsky	Zapovednik	National	Ia	Not Applicable	1957	132,612	139,524	257.21	254.89	0.00	2.31	0.00	0.00
30.14	66.28	Paanayarvi	National Park	National	II	Not Applicable	1992	101,224	122,636	256.88	60.13	0.00	196.74	0.00	0.00
37.91	58.62	Darvinsky	Zapovednik	National	Ia	Not Applicable	1945	49,475	149,159	250.97	224.87	0.00	26.10	0.00	0.00
135.97	49.58	Bolon'sky	Zapovednik	National	Ia	Not Applicable	1997	45,665	105,546	238.85	220.12	0.00	9.00	9.73	0.00
77.49	54.79	Chany Lakes	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(v)	1994	22,314	375,800	223.88	219.35	0.00	4.54	0.00	0.00
143.61	65.29	Tebulyakh	Nature Park	National	II	Not Applicable	0	15,043	46,830	215.21	215.21	0.00	0.00	0.00	0.00
164.21	58.92	Karaginsky Island, Bering Sea	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(v)	1994	115,244	191,340	210.94	148.91	0.00	0.00	62.04	0.00
30.56	57.17	Polistovsky	Zapovednik	National	Ia	Not Applicable	1994	4,193	32,792	208.49	2.11	0.00	206.38	0.00	0.00
33.05	60.63	Nizhne-Svirsky	Zapovednik	National	Ia	Not Applicable	1980	28,821	45,825	206.21	45.04	0.00	161.16	0.00	0.00
32.87	56.51	Tsentralno-Lesnoi	Zapovednik	National	Ia	Not Applicable	1931	22,806	25,412	206.14	122.94	0.00	83.20	0.00	0.00
33.97	52.51	Bryansky Les	Zapovednik	National	Ia	Not Applicable	1987	12,783	12,880	198.48	0.00	0.00	198.48	0.00	0.00
45.72	53.01	Privolzhskaya Lesostep	Zapovednik	National	Ia	Not Applicable	1989	3,687	9,144	182.59	2.58	0.00	180.02	0.00	0.00
34.16	67.31	Kandalakshsky	Zapovednik	National	Ia	Not Applicable	1932	20,696	96,230	173.62	17.27	0.00	155.16	1.18	0.00
37.84	45.65	Kuban Delta: Group of limans between rivers Kuban & Protoka	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(iii)(v)(vii)(viii)	1994	68,612	192,035	169.93	169.93	0.00	0.00	0.00	0.00
134.87	48.19	Bolshekhkhehtsirskiy	Zapovednik	National	Ia	Not Applicable	1963	46,083	48,909	161.48	144.93	0.00	16.56	0.00	0.00
130.32	49.16	Khingansky	Zapovednik	National	Ia	Not Applicable	1963	62,896	95,976	143.80	99.97	0.00	3.55	40.28	0.00
47.30	56.68	Bolshaya Kokshaga	Zapovednik	National	Ia	Not Applicable	1993	22,407	22,684	133.94	56.56	0.00	77.38	0.00	0.00
132.51	43.65	Ussuriysky	Zapovednik	National	Ia	Not Applicable	1932	40,283	40,424	133.08	31.43	0.00	101.65	0.00	0.00
33.30	66.71	Kandalaksha Bay	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(v)	1976	20,595	224,722	121.69	50.06	0.00	70.36	1.27	0.00
48.41	58.01	Nurgush	Zapovednik	National	Ia	Not Applicable	1994	13,304	16,280	120.42	0.00	0.00	120.42	0.00	0.00
52.19	55.77	Nizhnyaya Kama	National Park	National	II	Not Applicable	1991	18,495	36,175	119.52	119.52	0.00	0.00	0.00	0.00
149.54	62.07	Ozero Dzheka Londona	Nature Park	National	II	Not Applicable	1975	871	2,860	119.26	116.95	0.00	0.00	2.31	0.00
71.05	66.64	Islands in Ob Estuary, Kara Sea	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(iii)(iv)(v)(vii)(viii)	1994	37,944	176,215	108.59	108.59	0.00	0.00	0.00	0.00
157.90	52.02	Juzhno-Kamchatskiy	Nature Park	National	II	Not Applicable	1995	362,266	477,908	103.72	103.72	0.00	0.00	0.00	0.00
43.05	64.59	Pinezhsky	Zapovednik	National	Ia	Not Applicable	1974	38,404	40,810	102.74	48.79	0.00	53.95	0.00	0.00
57.96	53.41	Bashkirsky	Zapovednik	National	Ia	Not Applicable	1930	44,039	47,976	101.76	21.01	0.00	80.75	0.00	0.00
144.27	49.10	Poronaisky	Zapovednik	National	Ia	Not Applicable	1988	40,197	78,605	89.28	89.28	0.00	0.00	0.00	0.00
130.70	42.49	Hasanskiy	Nature Park	National	II	Not Applicable	1997	7,140	49,762	88.66	88.66	0.00	0.00	0.00	0.00

86.09	49.69	Katunsky	Zapovednik and UNESCO-MAB Biosphere Reserve	International	Ia	Not Applicable	1991 and 2000	25,225	152,784	84.91	84.91	0.00	0.00	0.00	0.00
20.76	55.12	Kurshskaya Kosa	National Park	National	II	Not Applicable	1987	4,261	8,589	84.56	84.24	0.00	0.32	0.00	0.00
42.60	43.34	Prielbrus'e	National Park	National	II	Not Applicable	1986	10,918	100,689	76.13	76.13	0.00	0.00	0.00	0.00
29.48	69.28	Pasvik	Zapovednik	National	Ia	Not Applicable	1992	11,162	22,511	72.83	12.30	0.00	59.01	1.52	0.00
132.83	44.97	Khankaiskiy	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	2005	1,052	36,170	63.79	60.47	0.00	3.32	0.00	0.00
44.41	42.84	Alania	National Park	National	II	Not Applicable	1998	22,656	49,333	60.41	60.41	0.00	0.00	0.00	0.00
41.30	46.96	Veselovskoye Reservoir	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(iii)(v)(vi)	1994	8,591	176,503	47.96	47.96	0.00	0.00	0.00	0.00
37.62	54.89	Prioksko-Terrasnyi	Zapovednik and UNESCO-MAB Biosphere Reserve	International	Ia	Not Applicable	1978	5,207	5,345	47.77	0.00	0.00	15.35	0.00	32.42
44.04	42.75	Severo-Osetinsky	Zapovednik	National	Ia	Not Applicable	1967	17,691	68,931	46.77	34.84	0.00	11.93	0.00	0.00
48.77	55.92	Raifa Forest / Great Volzhsko-Kamsky (part of)	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	2005	9,594	15,138	44.65	11.04	0.00	33.62	0.00	0.00
157.33	57.60	Utkholok	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(v)	1994	79,842	247,935	42.55	42.55	0.00	0.00	0.00	0.00
46.84	44.55	Dagestansky	Zapovednik	National	Ia	Not Applicable	1987	41,366	62,403	41.99	41.99	0.00	0.00	0.00	0.00
48.51	41.85	Samurskiy reliktovy les	Nature Park	National	II	Not Applicable	1991	7,711	10,403	39.31	39.31	0.00	0.00	0.00	0.00
78.36	54.14	Wetlands in the Lower Bagan area	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(v)	1994	2,912	41,350	36.92	36.92	0.00	0.00	0.00	0.00
115.60	50.07	Torey Lakes	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(iii)(iv)(v)	1994	323	179,247	31.71	31.71	0.00	0.00	0.00	0.00
38.81	56.76	Plescheevo Ozero	National Park	National	II	Not Applicable	1988	2,108	6,300	30.84	7.58	0.00	23.26	0.00	0.00
48.30	45.90	Astrakhanskiy	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1984	15,584	48,968	30.64	26.27	0.00	4.37	0.00	0.00
49.80	53.41	Zhegulevsky	Zapovednik	National	Ia	Not Applicable	1927	18,433	21,423	30.37	13.57	0.00	16.80	0.00	0.00
43.23	43.05	Kabardino-Balkarsky	Zapovednik	National	Ia	Not Applicable	1976	3,833	75,076	27.57	27.57	0.00	0.00	0.00	0.00
45.51	46.04	Chernyje Zemli	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1993	313	289,491	25.58	25.58	0.00	0.00	0.00	0.00
39.40	47.22	Donskoj rybny zapovednik (Donskoe zapretnoe rybnoe prostranstvo)	Nature Park	National	II	Not Applicable	1819	3,897	11,312	23.54	23.54	0.00	0.00	0.00	0.00
49.07	67.60	Indigirskiye Samotsvety	National Park (project)	National	Not Reported	Not Applicable	0	22,526	361,423	23.36	23.36	0.00	0.00	0.00	0.00
33.92	62.30	Kivach	Zapovednik	National	Ia	Not Applicable	1931	9,760	10,838	21.10	0.00	0.00	21.10	0.00	0.00
56.99	53.13	Shulgan-Tash	Zapovednik	National	Ia	Not Applicable	1986	22,880	23,225	20.93	20.93	0.00	0.00	0.00	0.00
82.91	50.98	Tigireksky	Zapovednik	National	Ia	Not Applicable	1999	37,161	43,953	20.77	20.77	0.00	0.00	0.00	0.00
29.64	59.96	Southern coast of the Gulf of Finland, Baltic Sea	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(v)	1994	221	4,332	20.47	20.47	0.00	0.00	0.00	0.00
59.62	57.43	Visimskiy	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	2001	9,742	11,058	20.37	14.11	0.00	6.26	0.00	0.00
30.78	57.25	Rdeisky	Zapovednik	National	Ia	Not Applicable	1994	3,433	33,546	17.23	10.80	0.00	6.43	0.00	0.00

106.49	52.30	Selenga Delta	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(v)	1994	3,062	10,908	13.95	13.95	0.00	0.00	0.00	0.00
115.48	50.04	Daursky	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	1997	38	62,648	13.25	13.25	0.00	0.00	0.00	0.00
54.42	68.63	Nenetsky	Zapovednik	National	Ia	Not Applicable	1997	12,626	327,128	10.55	10.55	0.00	0.00	0.00	0.00
42.59	52.46	Voroninsky	Zapovednik	National	Ia	Not Applicable	1994	8,064	10,234	9.89	9.89	0.00	0.00	0.00	0.00
42.88	46.46	Rostovsky	Zapovednik and UNESCO-MAB Biosphere Reserve	International	Ia	Not Applicable	2008	301	71,259	7.04	7.04	0.00	0.00	0.00	0.00
131.27	42.62	Far East Marine	UNESCO-MAB Biosphere Reserve	International	Not Applicable	Not Applicable	2003	1,066	130,797	6.78	5.47	0.00	0.11	1.19	0.00
131.49	43.10	Kedrovaya Pad	Zapovednik and UNESCO-MAB Biosphere Reserve	International	Ia	Not Applicable	1916 and 2004	15,420	17,316	4.74	4.74	0.00	0.00	0.00	0.00
132.40	44.99	Lake Khanka	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(iii)(v)(vii)(viii)	1976	1,942	424,379	3.77	3.77	0.00	0.00	0.00	0.00
127.63	49.90	Zeya-Bureya Plains	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(ii)(iii)	1994	1,180	28,444	3.34	3.34	0.00	0.00	0.00	0.00
35.17	64.94	Islands in Onega Bay, White Sea	Ramsar Site, Wetland of International Importance	International	Not Reported	(i)(vi)	1994	410	4,598	2.08	2.08	0.00	0.00	0.00	0.00
141.22	46.25	Ostrov Moneron	Nature Park	National	II	Not Applicable	1995	515	1,889	1.43	1.43	0.00	0.00	0.00	0.00
38.83	52.65	Galich'ya Gora	Zapovednik	National	Ia	Not Applicable	1925	67	468	1.11	0.00	0.00	1.11	0.00	0.00
57.10	51.22	Orenburgsky	Zapovednik	National	Ia	Not Applicable	1989	176	25,152	0.68	0.68	0.00	0.00	0.00	0.00
73.35	54.97	Ptich'ya gavan'	Nature Park	National	II	Not Applicable	1994	12	114	0.36	0.36	0.00	0.00	0.00	0.00
59.58	52.67	Ilmsky (filial Arkaim)	Zapovednik	National	Ia	Not Applicable	1991	22	3,492	0.19	0.19	0.00	0.00	0.00	0.00
46.92	48.18	Bogdinsko-Baskunchaksky	Zapovednik	National	Ia	Not Applicable	1997	40	20,174	0.10	0.10	0.00	0.00	0.00	0.00
35.97	50.61	Belogor'e	Zapovednik	National	Ia	Not Applicable	1999	838	1,011	0.05	0.00	0.00	0.05	0.00	0.00
36.55	51.52	Tsentralno-Chernozemny	Zapovednik	National	Ia	Not Applicable	1935	1,544	4,999	0.05	0.05	0.00	0.00	0.00	0.00