

ANNEXES



Annex 1. Specially Protected Natural Territories of the Russian Federation

Table 1. State Natural Reserves of the Russian Federation, 2007

Name	Foundation, year	Area, thousand ha	Location
I. Natural Reserves of the Federal Service for Supervision of Natural Resource Usage (Rosprirodnadzor)			
Azas	1985	333.884	Tyva Republic
Altaisky	1932	881.238	Altai Republic
Astrakhanskiy*	1919	67.917	Astrakhan Oblast
Baikalo-Lenskiy	1986	659.919	Irkutsk Oblast
Baikalskiy*	1969	165.724	Buryatia
Barguzinskiy*	1916	374.346	Buryatia
Basegi	1982	37.957	Perm Kray
Bastak	1997	91.771	Jewish Autonomous Oblast
Bashkirskiy	1930	49.609	Bashkortostan
Belgor'e	1999	2.131	Belgorod Oblast
Bogdinsko-Baskunchakskiy	1997	18.525	Astrakhan Oblast
Bolon'skiy	1997	103.600	Khabarovsk Kray
Bol'shaya Kokshaga	1993	21.428	Republic Mari El
Bol'shekhkhtsirskiy	1963	45.439	Khabarovsk Kray
Bol'shoy Arkticheskiy	1993	4,169.222, incl. 980.934 sea aquatory	Krasnoyarsk Kray
Botchinskiy	1994	267.380	Khabarovsk Kray
Bryansk Forest* (Nerusso-Desnianskoe-Polesie)	1987	12.186	Bryansk Oblast
Bureinskiy	1987	358.444	Khabarovsk Kray
Verkhne-Tazovskiy	1986	631.308	Yamalo-Netets Autonomous Okrug
Visimskiy*	1971	33.501	Sverdlovsk Oblast
Vitimskiy	1982	585.021	Irkutsk Oblast
Visherskiy	1991	241.200	Perm Kray
Volzhsko-Kamskiy	1960	10.091	Tatarstan
Voronezhskiy*	1927	31.053	Voronezh Oblast, Lipetsk Oblast
Voroninskiy	1994	10.320	Tambov Oblast
Gydanskiy	1996	878.174	Yamalo-Netets Autonomous Okrug
Dagestanskiy	1987	19.061, incl. 18.485 sea aquatory	Republic of Dagestan
Darvinskiy*	1945	112.673	Vologda Oblast, Yaroslavl Oblast
Daur'skiy*	1987	45.790	Zabaykalsky Kray
Denezhkin Kamen'	1991	78.192	Sverdlovsk Oblast
Dzherginskiy	1992	238.088	Buryatia
Dzhugdzhurskiy	1990	859.956, incl. 53.700 sea aquatory	Khabarovsk Kray
Zhigulyovskiy *	1927	23.157	Samara Oblast
Zeyskiy	1963	99.430	Amur Oblast
Kabardino-Balkarskiy highland	1976	74.081	Kabardino-Balkar Republic
Kavkazskiy*	1924	280.335	Krasnodar Kray, Republic of Adygea, Karachay-Cherkess Republic
Kaluzhskie zaseki	1992	18.533	Kaluga Oblast
Kandalakshskiy	1932	70.527, incl. 49.583 sea aquatory	Murmansk Oblast, Republic of Karelia
Katunskiy*	1991	151.637	Altai Republic
Kerzhinskiy Nijegorodskoe Zavolje*	1993	46.789	Nizhny Novgorod Oblast
Kivach	1931	10.880	Republic of Karelia
Kologrivskiy Les	2006	58.940	Kostroma Oblast
Commander Islands*	1993	3648.679, incl. 3463.300 sea aquatory	Kamchatka Kray
Komsomolskiy	1963	64.413	Khabarovsk Kray
Koryakskiy	1995	327.156, incl. 83.000 sea aquatory	Kamchatka Kray
Kostomukhskiy	1983	47.457	Republic of Karelia
Kronotskiy*	1934	1,142.134, incl. 135.000 sea aquatory	Kamchatka Kray
Kuznetskiy Alatau	1989	412.900	Kemerovo Oblast
Kuril'skiy	1984	65.365, incl. 1.166 sea aquatory	Sakhalin Oblast



Table 1

Name	Foundation, year	Area, thousand ha	Location
Lazovskiy	1957	120.998	Primorsky Krai
Laplandskiy*	1930	278.435	Murmansk Oblast
Magadanskiy	1982	883.817	Magadan Oblast
Malaya Sos'va	1976	225.562	Khanty-Mansi Autonomous Okrug
Mordovskiy	1936	32.148	Mordovia
Nenetskiy	1997	313.400, incl. 181.900 sea aquatory	Nenets Autonomous Okrug
Nizhne-Svirskiy	1980	41.615	Leningrad Oblast
Norskiy	1998	211.168	Amur Oblast
Nurgush	1994	5.653	Kirov Oblast
Okskiy*	1935	55.744	Ryazan Oblast
Olekminskiy	1984	847.109	Sakha Republic
Orenburgskiy	1989	21.653	Orenburg Oblast
Wrangel Island	1976	2225.650, incl. 1430.0 sea aquatory	Chukotka Autonomous Okrug
Pasvik	1992	14.727	Murmansk Oblast
Pechoro-Ilychskiy*	1930	721.322	Komi Republic
Pinezhskiy	1974	51.522	Arkhangelsk Oblast
Polistovskiy	1994	37.983	Pskov Oblast
Poronajskiy	1988	56.695, incl. 2.218 sea aquatory	Sakhalin Oblast
Privolzhskaya Lesostep'	1989	8.373	Penza Oblast
Prioksko-Terrasnyi*	1945	4.945	Moscow Oblast
Prisurskiy	1995	9.148	Chuvashia
Putoranskiy	1988	1,887.251	Krasnoyarsk Krai
Rdeiskiy	1994	36.922	Novgorod Oblast
Rostovskiy*	1995	9.531	Rostov Oblast
Sayano-Shushenskiy*	1976	390.368	Krasnoyarsk Krai
Severo-Osetinskiy	1967	29.530	Republic of North Ossetia-Alania
Sikhote-Alin*	1935	401.428, incl. 2.900 sea aquatory	Primorsky Krai
Sokhondinskiy*	1973	210.988	Zabaykalsky Krai
Stolby	1925	47.219	Krasnoyarsk Krai
Taimyrskiy*	1979	1,781.536	Krasnoyarsk Krai
Teberda*	1936	85.064	Karachay-Cherkess Republic
Tigiretskiy	1999	40.693	Altai Krai
Tungusskiy	1995	296.562	Krasnoyarsk Krai
Ubsunorskaya Kotlovina*	1993	323.198	Tuva Republic
Ust'-Lenskiy	1985	1,433.000	Sakha Republic
Khakasskiy	1999	267.565	Khakassia
Khankayskiy	1990	39.289	Primorsky Krai
Khinganskiy	1963	97.073	Amur Oblast
Khoperskiy	1935	16.178	Voronezh Oblast
Tsentral'nolesnoy*	1931	24.447	Tver Oblast
Tzentral'nosibirskiy*	1985	1,018.849	Krasnoyarsk Krai
Tsentral'nochernozem *	1935	5.287	Kursk Oblast
Chernyje Zemli*	1990	121.482	Republic of Kalmykia
Shul'gan-Tash	1986	22.531	Bashkortostan
Ehrzi	2000	5.970	Republic of Ingushetia
Yuganskiy	1982	648.636	Khanty-Mansi Autonomous Okrug
Yuzhno-Ural'skiy	1978	252.824	Bashkortostan, Chelyabinsk Oblast
II. Natural Reserves of the Ministry of Education and Science			
Galichya Gora	1925	0.234	Lipetsk Oblast
III. Natural Reserves of the Russian Academy of Science			
Far East Marine*	1978	64.316, including 63.0 sea aquatory	Primorsky Krai
Il'menskiy	1920	30.380	Chelyabinsk Oblast
Kedrovaya Pad'	1925	18.045	Primorsky Krai
Ussuriyskiy	1932	40.432	Primorsky Krai

Note: * Biosphere Reserve by UNESCO.

Table 2. National Parks of the Russian Federation, 2007

Name	Foundation, year	Area, thousand ha	Location
Alaniya	1998	55.410	Republic of North Ossetia-Alania
Alkhanay	1999	138.234	Zabaykalsky Krai
Anjuiskiy	2007	429.370	Khabarovsk Krai
Bashkiriya	1986	82.300	Bashkortostan
Buzulukskiy Bohr	2007	106.788	Orenburg Oblast, Samara Oblast
Valdayskiy*	1990	158.461	Novgorod Oblast
Vodlozyorskiy *	1991	468.193	Republic of Karelia, Arkhangelsk Oblast
Zabaykal'skiy	1986	267.177	Buryatia
Zov Tigray	2007	82.152	Primorsky Krai
Zyuratkul'	1993	88.249	Chelyabinsk Oblast
Kalevalskiy	2006	74.400	Republic of Karelia
Kenozerskiy*	1991	139.663	Arkhangelsk Oblast
Kurshskaya Kosa	1987	6.621	Kaliningrad Oblast
Losiny Ostrov	1983	12.881	Moscow, Moscow Oblast
Mariy Chodra	1985	36.875	Republic Mari El
Meshchera	1992	118.758	Vladimir Oblast
Meshcherskiy	1992	103.014	Ryazan Oblast
Nechkinskiy	1997	20.753	Udmurtia
Nizhnyaya Kama	1991	26.601	Tatarstan
Orlovskoye Poles'e	1994	77.745	Oryol Oblast
Paanayarvi	1992	104.473	Republic of Karelia
Pereslavskiy	1988	23.573	Yaroslavl Oblast
Pribaykal'skiy	1986	417.297	Irkutsk Oblast
Pripyshminskiye Bory	1993	48.730	Sverdlovsk Oblast
Priehl'brus'e	1986	101.200	Kabardino-Balkar Republic
Russkiy Sever	1992	166.4	Vologda Oblast
Samarskaya Luka *	1984	127.186	Samara Oblast
Sebezhskiy	1996	51.183	Pskov Oblast
Smolenskoe Poozyor'e*	1992	146.237	Smolensk Oblast
Smol'niy	1995	36.385	Mordovia
Sochinskiy	1983	188.628	Krasnodar Krai
Taganay	1991	56.843	Chelyabinsk Oblast
Tunkinskiy	1991	1,183.662	Buryatia
Ugra*	1997	98.623	Kaluga Oblast
Udegeiskaya Legenda	2007	88.600	Primorsky Krai
Khvalynskiy	1994	25.514	Saratov Oblast
Chavash Varmane	1993	25.2	Chuvashia
Shorskiy	1989	418.200	Kemerovo Oblast
Shushenskiy Bor	1995	39.170	Krasnoyarsk Krai
Yugyd Va	1994	1,891.701	Komi Republic

Note: * Biosphere Reserve by UNESCO.

**Table 3. State Natural Refuges of federal importance, 2007**

Name	Foundation, year	Area, thousand ha	Subordinacy	Location
Agrakhanskiy	1983	39.000	Ministry of Agriculture of Russia	Republic of Dagestan
Altacheyskiy	1984	60.000	Ministry of Agriculture of Russia	Buryatia
Badjal'skiy	1987	275.000	Ministry of Agriculture of Russia	Khabarovsk Krai
Bairovskiy	1959	57.000	Ministry of Agriculture of Russia	Omsk
Barsovy	1979	106.000	Ministry of Agriculture of Russia	Primorsky Krai
Kabanskiy	1974	12.100	Baikalskiy State Natural Reserve	Buryatia
Frolikhinskiy	1988	109.200	Ministry of Agriculture of Russia	Buryatia
Samurskiy	1982	11.200	Ministry of Agriculture of Russia	Republic of Dagestan
Tljaratinskiy	1986	83.500	Ministry of Agriculture of Russia	Republic of Dagestan
Ingooshskiy	1971	80.700	Ministry of Agriculture of Russia	Republic of Ingushetia
Mekletinskiy	1988	102.500	Ministry of Agriculture of Russia	Republic of Kalmykia
Sarpinskiy	1987	195.900	Ministry of Agriculture of Russia	Republic of Kalmykia
Kharbinskiy	1987	163.900	Ministry of Agriculture of Russia	Republic of Kalmykia
Dahutskiy	1986	74.900	Ministry of Agriculture of Russia	Karachay-Cherkess Republic
Kizhiskiy	1989	50.000	Ministry of Agriculture of Russia	Republic of Karelia
Olonetskiy	1986	27.000	Ministry of Agriculture of Russia	Republic of Karelia
Tseyskiy	1958	29.950	North Ossetia State Natural Reserve	Republic of North Ossetia-Alania
Sovietskiy	1986	100.500	Ministry of Agriculture of Russia	Chechen Republic
Sochinskiy	1993	48.402	Ministry of Agriculture of Russia	Krasnodar Krai
Priazovskiy	1958	42.200	Ministry of Agriculture of Russia	Krasnodar Krai
Yelogooskiy	1987	747.600	State Natural Reserve "Tsentral'nosibirskiy"	Krasnoyarsk Krai
Oldjivskiy	1988	159.700	Ministry of Agriculture of Russia	Khabarovsk Krai
Toomninskiy	1987	143.100	Ministry of Agriculture of Russia	Khabarovsk Krai
Udyl'	1988	100.400	Ministry of Agriculture of Russia	Khabarovsk Krai
Khehtsirskiy	1959	102.000	Ministry of Agriculture of Russia	Khabarovsk Krai
Khingano-Arkharinskiy	1958	52.800	Ministry of Agriculture of Russia	Amur Oblast
Орловский Orlovskiy	1999	121.456	Ministry of Agriculture of Russia	Amur Oblast
Franz Joseph Land	1994	4,200.000. incl. 2,600.0 – sea area	Arkhangelsk Oblast Rosprirodnadzor Administration	Arkhangelsk Oblast
Siyskiy	1988	43.000	Ministry of Agriculture of Russia	Arkhangelsk Oblast
Kletnanskiy	1983	39.100	Ministry of Agriculture of Russia	Bryansk Oblast
Klyazminskiy	1978	21.000	Ministry of Agriculture of Russia	Vladimir Oblast, Ivanovo Oblast
Muromskiy	1968	56.200	Ministry of Agriculture of Russia	Vladimir Oblast
Kamennaya step'	1996	5.232	Voronezh Oblast Rosprirodnadzor Administration	Voronezh Oblast
Voronezhskiy	1958	23.000	Ministry of Agriculture of Russia	Voronezh Oblast
Tophalarskiy	1988	132.700	Ministry of Agriculture of Russia	Irkutsk Oblast
State Park Tarussa	2002	46.900	Federal Protective Service of Russia	Kaluga Oblast
Yuzhno-Kamchatskiy South-Kamchatskiy	1983	322.0. incl. 97.0 – sea area	Kronotsky State Natural Reserve	Kamchatka Krai
Sumarokovskiy	1999	36.176	State Natural Reserve "Kologrivskiy Les" "Kologriv Forest"	Kostroma Oblast
Kurganskiy	1985	31.846	Ministry of Agriculture of Russia	Kurgan Oblast
Mshinskoe boloto (swamp)	1982	60.461	State Natural Reserve "Malaya Sos'va"	Leningrad Oblast
Kahnozerskiy	1989	65.667	Ministry of Agriculture of Russia	Murmansk Oblast
Murmanskiy tundroviy	1988	295.000	Ministry of Agriculture of Russia	Murmansk Oblast
Tulomskiy	1987	33.700	Ministry of Agriculture of Russia	Murmansk Oblast
Kirzinskiy	1958	119.808	Ministry of Agriculture of Russia	Novosibirsk Oblast
Stepnoy	1971	75.000	Ministry of Agriculture of Russia	Omsk
Remdovskiy	1985	74.712	Ministry of Agriculture of Russia	Pskov Oblast
Tsimlyanskiy	1983	45.000	Ministry of Agriculture of Russia	Rostov Oblast
Ryazanskiy	1987	36.000	Ministry of Agriculture of Russia	Ryazan Oblast
Saratovskiy	1983	44.300	Ministry of Agriculture of Russia	Saratov Oblast
Malye Kurily	1983	45.0, incl. 25.2 – sea area	Ministry of Agriculture of Russia	Sakhalin Oblast
Tomsk	1988	50.000	Ministry of Agriculture of Russia	Tomsk Oblast

Table 3

Name	Foundation, year	Area, thousand ha	Subordinacy	Location
Starokatkinskiy	1985	20,100	Ministry of Agriculture of Russia	Ulyanovsk Oblast
Surskiy	1985	22,266	Ministry of Agriculture of Russia	Ulyanovsk Oblast
Tsasocheyskiy Bor	1988	57,900	Ministry of Agriculture of Russia	Zabaykalskiy Krai
Burkal'skiy	1988	195,700	State Natural Reserve "Kuril'skiy"	Zabaykalskiy Krai
Yaroslavskiy	1958	17,000	Ministry of Agriculture of Russia	Yaroslavl Oblast
Nenetskiy	1985	440.0. incl. 120 – sea area	Ministry of Agriculture of Russia	Yamalo-Nenets Autonomous Okrug
Poorinskiy	1988	787,500	Ministry of Agriculture of Russia	Krasnoyarskiy Krai
Severozemel'skiy	1996	421,701	Ministry of Agriculture of Russia	Krasnoyarskiy Krai
Krasniy Yar	2000	49,120	Ministry of Agriculture of Russia	Irkutsk Oblast
Verkhne-Kondinskiy	1971	241,600	State Natural Reserve "Daur'skiy"	Khanty-Mansi Autonomous Okrug
Vaspukhol'skiy	1993	93,205	Ministry of Agriculture of Russia	Khanty-Mansi Autonomous Okrug
Elizarovskiy	1982	76,600	Ministry of Agriculture of Russia	Khanty-Mansi Autonomous Okrug
Lebediny	1984	390,000	Ministry of Agriculture of Russia	Chukotka Autonomous Okrug
Kunovatskiy	1985	220,000	Ministry of Agriculture of Russia	Yamalo-Nenets Autonomous Okrug
Nadym'skiy	1986	564,000	State Natural Reserve "Big Arctic"	Yamalo-Nenets Autonomous Okrug
Nizhne-Ob'skiy	1985	128,000	Ministry of Agriculture of Russia	Yamalo-Nenets Autonomous Okrug

Table 4. Natural Monuments of federal importance, 2007

Name	Foundation, year	Area, ha	Location
Belozerskiy	1986	17,850	Ministry of Agriculture of Russia
Tyumenskiy	1958	53,600	Ministry of Agriculture of Russia
Bekan	1965	62.0	Republic of North Ossetia-Alania
Maly Zhemchuzhniy (Island)	2002	35.0	Astrakhan Oblast
Djanybekskiy station	1997	228.0	Volgograd Oblast
Kaluzhskiy Bor	1991	1,044.0	Kaluga Oblast
Park n.a. K. E. Tsyolkovskiy	1960	9.4	Kaluga Oblast
Garden of the museum of K. E. Tsyolkovskiy	1960	0.2	Kaluga Oblast
Lipovaya Rossha (Grove)	1983	11,030.0	Kemerovo Oblast
Kologrivskiy Les (Forest)	1978	918.0	Kostroma Oblast
The Park of Schelykovo Estate by the museum of A. Ostrovskiy	1988	12.0	Kostroma Oblast
Susanin-Isupovskoe boloto (swamp)	1973	1,841	Kostroma Oblast
Ostrov Talan (Talan island)	1983	32.0	Magadan Oblast
Эвелохорр Astrofillity. Eveslochorr gory (mountains)	1985	4.0	Murmansk Oblast
Zalezh Jubileynaya (reservoir Anniversary)	1985	0.5	Murmansk Oblast
Epidosity of Upper Navolok cape	1985	7.0	Murmansk Oblast
Mogil'noe lake	1985	17.0	Murmansk Oblast
Svetloyar lake	1997	12.0	Nizhny Novgorod Oblast
Academic Zheleznov Grove	1986	4.0	Novgorod Oblast
Malaya Usa upland pine and oak woods	1991	266.0	Samara Oblast
Racheyskaya taiga	1991	428.0	Samara Oblast
Shilan Genko's woodbelts	1991	1,395.0	Samara Oblast
Podbelje bottom oak woods	1991	931.0	Samara Oblast
Malaya Kinel' upland oak woods	1991	193.0	Samara Oblast
Mochaleevo upland oak woods	1991	477.0	Samara Oblast
Yatmanovo broadleaved forest	1991	868.0	Samara Oblast
Pokhvistnevo suburban oak forest	1991	2,969.0	Samara Oblast
Habdulzavodskaya oak wood	1991	324.0	Samara Oblast
Иргизская пойма Irgyz bottom	1991	3,026.0	Samara Oblast
Klimov upland oak woods	1991	2,730.0	Samara Oblast

**Table 5. Natural Parks of the Russian Federation, 2007**

Name	Foundation, year	Area, thousand ha	Location
Great Tkhach	1997	3,703	Republic of Adygea
Belooha	1997	131.3	Altai Republic
Karakol' natural park Uch-Enmek	2001	60.6	Altai Republic
Katoon'	2002	440.0	Altai Republic
Zone of peace of plateau Ukok	2005	252.9	Altai Republic
Kandry-Kul'	1995	6.348	Bashkortostan
Muradymovskoe clove	1998	23.586	Bashkortostan
Asly-Kul'	1993	47.5	Bashkortostan
Samurskiy	1991	7.1	Republic of Dagestan
Verkhniy (Upper) Goonib	2006	1.422	Republic of Dagestan
Valaam archipelago	1999	24.7	Republic of Karelia
Volga-Akhtuba interstream area	1995	4.323	Republic of Kalmykia
Bumb-ceng	1994	0.5292	Republic of Kalmykia
Lenskie Stolby	1995	485.0	Sakha Republic
Momsk	1996	2,175.0	Sakha Republic
Siine	1996	1,467.517	Sakha Republic
Ust'-Viluyskiy	1997	1,016.0	Sakha Republic
Kolyma	2000	2,188.0	Sakha Republic
Living diamonds of Yakutia	2006	32.105	Sakha Republic
Ust'-Bel'sk	2001	1.8	Udmurtia
Sharkan	2001	16.57	Udmurtia
Ush-Bel'dir	2004	372.9	Tyva Republic
Shuy	2004	380.0	Tyva Republic
Khasanskiy	1997	35.0	Primorsky Krai
Aya	2003	1.1	Altai Krai
Ergaki	2005	230.0	Krasnoyarsk Krai
Primorskiy	1998	445.0	Arkhangelsk Oblast
Kozh-ozerskiy	2002	201.6	Arkhangelsk Oblast
Roven'skiy	1998	1.3	Belgorod Oblast
Khotmyzhskiy	2002	10.7	Belgorod Oblast
Don Little Bend	1993	4.0	Volgograd Oblast
Volga-Akhtuba bottom	2000	153.855	Volgograd Oblast
Donskoy	2001	61.9	Volgograd Oblast
Eltonskiy	2001	106.037	Volgograd Oblast
Nizhnekhoperskiy	2003	186.0	Volgograd Oblast
Ssherbakovskiy	2003	36.8	Volgograd Oblast
Cymljanskies sands	2003	66.951	Volgograd Oblast
Bystrinskiy	1995	1,325.0	Kamchatka Krai
South-Kamchatskiy	1995	486.9	Kamchatka Krai
Nalychevo	1995	87.2	Kamchatka Krai
Kluhevskoy	1999	376.0	Kamchatka Krai
Veps Forest	2001	190.0	Leningrad Oblast
Jack London lake	1975	194.25	Magadan Oblast
Bird Haven	1994	0.1	Omsk
Korsunskiy	2002	8.34	Oryol Oblast
Naryshkinskiy	2001	5.12	Oryol Oblast
Moneron island	1995	1.564	Sakhalin Oblast
Olenji (Deer) springs	1999	12.709	Sverdlovsk Oblast
Chusovaya river	2004	49.0	Sverdlovsk Oblast
Gagarinskiy	2006	55.5	Smolensk Oblast
Skhodnya-river valley near Kurkino	2003	0.245	Moscow
Numto	1997	721.8	Khanty-Mansi Autonomous Okrug
Siberian hills	1998	299.6	Khanty-Mansi Autonomous Okrug
Kondin lakes	1998	43.9	Khanty-Mansi Autonomous Okrug
Samarovskiy chugas	2000	0.749	Khanty-Mansi Autonomous Okrug
Beringia	1993	3,053.3	Chukotka Autonomous Okrug

Annex 2. Native species of trees, shrubs, and woody vines included in the Red Book of the Russian Federation

Status and region of inhabitation of native species of trees, shrubs, and woody vines included in the Red Book of the Russian Federation

Status	Common name	Scientific name	Region
Gymnosperms			
3(NT)	Chalk pine	<i>Pinus sylvestris</i> L. var. <i>cretacea</i> Kalenicz. ex Kom.	Voronezh Oblast, Belgorod Oblast, Ulyanovsk Oblast, Chuvashia
1(EN)	Crimean pine	<i>Pinus pallasiana</i> D. Don.	Krasnodar Krai
2(VU)	Greek Juniper	<i>Juniperus excelsa</i> Bieb.	Krasnodar Krai, Republic of Dagestan
2(VU)	Foetid or Stinking Juniper	<i>Juniperus foetidissima</i> Willd.	Krasnodar Krai, Republic of Dagestan
2(VU)	Needle Juniper	<i>Juniperus rigida</i> Siebold et Zucc. ssp. <i>litoralis</i> Urussov	Primorsky Krai
2(VU)	Russian arborvitae. (Siberian cypress)	<i>Microbiota decussata</i> Kom.	Primorsky Krai, Khabarovsk Krai
2(VU)	Olga Bay Larch	<i>Larix olgensis</i> A. Henry	Primorsky Krai
2(VU)	East Mediterranean pine	<i>Pinus brutia</i> ssp. <i>pityusa</i> (Steven) Nahal	Krasnodar Krai
2(VU)	Japanese Red Pine	<i>Pinus densiflora</i> Siebold et Zucc.	Primorsky Krai
2(VU)	European or common yew	<i>Taxus baccata</i> L.	Republic of Adygea, Kabardino-Balkar Republic, Republic of North Ossetia-Alania, Krasnodar Krai, Stavropol Krai, Republic of Dagestan, Republic of Ingushetia, Karachay-Cherkess Republic, Chechen Republic, Kaliningrad Oblast
3(NT)	Sargent juniper	<i>Juniperus sargentii</i> (A. Henry) Takeda ex Koidz.	Sakhalin Oblast
3(NT)	Japanese shore juniper	<i>Juniperus conferta</i> Parl.	Sakhalin Oblast
3(NT)	Sakhalin spruce	<i>Picea glehnii</i> (Fr. Schmidt) Mast	Sakhalin Oblast
3(NT)	Japanese Yew	<i>Taxus cuspidata</i> Siebold et Zucc. ex Endl.	Primorsky Krai, Khabarovsk Krai, Sakhalin Oblast
Angiosperms (flowering)			
0 (EX)	Altai Seidelbast	<i>Daphne altaica</i> Pall.	Altai Krai, Belgorod Oblast
1(EN)	Monarch Birch	<i>Betula maximowicziana</i> Regel	Sakhalin Oblast
1(EN)	Turkestan Burning Bush	<i>Euonymus nana</i> Bieb.	Stavropol Krai, Kabardino-Balkar Republic, Karachay-Cherkess Republic
1(EN)	Downy Japanese Maple	<i>Acer japonicum</i> Thunb.	Sakhalin Oblast
1(EN)	Linden Maksimovich's linden	<i>Tilia maximowicziana</i> Shirasawa	Sakhalin Oblast
1(EN)	Whitebark Magnolia	<i>Magnolia hypoleuca</i> Siebold. et Zucc. (<i>Magnolia obovata</i> Thunb.)	Sakhalin Oblast
1(EN)	Willow Gordeev's willow	<i>Salix gordejewii</i> Chang et B.Skvortsov	Zabaykalsky Krai
1 (EN)	Chinese aristolochia	<i>Aristolochia manshuriensis</i> Kom.	Primorsky Krai
1 (EN)	Japanese Hydrangea Vine	<i>Schizophragma hydrangeoides</i> Siebold et Zucc.	Sakhalin Oblast
1 (EN)	Japanese Ampelopsis	<i>Ampelopsis japonica</i> (Thunb.) Makino	Primorsky Krai, Jewish Autonomous Oblast
1 (EN)	Japanese creeper	<i>Parthenocissus tricuspidata</i> (Siebold et Zucc.) Planch.	Primorsky Krai
1 (EN)	Pearl bush	<i>Exochorda serratifolia</i> S. Moore	Primorsky Krai
1 (EN)	Daphne Baksan Daphne	<i>Daphne baksanica</i> Pobed.	Kabardino-Balkar Republic
1 (EN)	Daphne Pinery Daphne	<i>Daphne cneorum</i> L.	Bryansk Oblast, Kursk Oblast
2(VU)	Turkish Hazel	<i>Corylus colurna</i> L.	Republic of Adygea, Republic of North Ossetia-Alania, Krasnodar Krai, Republic of Dagestan, Karachay-Cherkess Republic
2(VU)	Shlippenbach Rhododendron (Royal Azalea)	<i>Rhododendron schlippenbachii</i> Maxim.	Primorsky Krai
2(VU)	Colchis Boxwood	<i>Buxus colchica</i> Pojark.	Republic of Adygea., Krasnodar Krai
2(VU)	European Hop-hornbeam	<i>Ostrya carpinifolia</i> Scop.	Republic of Adygea, Kabardino-Balkar Republic, Republic of North Ossetia-Alania, Krasnodar Krai, Stavropol Krai, Republic of Ingushetia, Karachay-Cherkess Republic, Chechen Republic
2(VU)	Honeysuckle Tolmachev's Honeysuckle	<i>Lonicera tolmatchevii</i> Pojark	Sakhalin Oblast
2(VU)	Pastuchov's ivy	<i>Hedera pastuchowii</i> Woronow	Republic of Dagestan
2(VU)	Japanese Devil's-Club	<i>Oplopanax elatus</i> (Nakai) Nakai	Primorsky Krai
2(VU)	Elfin Daphniphyllum	<i>Daphniphyllum humile</i> Maxim. ex Franch. et Savat.	Sakhalin Oblast
2(VU)	Smooth Deutzia	<i>Deutzia glabrata</i> Kom.	Primorsky Krai, Jewish Autonomous Oblast, Khabarovsk Krai

ANNEX

NATIVE SPECIES OF
TREES, SHRUBS,
AND WOODY VINES
INCLUDED IN RED
BOOK OF RUSSIAN
FEDERATION



Table

Status	Common name	Scientific name	Region
2(VU)	Cherry Prinsepia	<i>Prinsepia sinensis</i> (Oliv.) Bean	Primorsky Krai
2(VU)	Colchis Ruscus (<i>Ruscus colchicus</i>)	<i>Ruscus colchicus</i> P. F. Yeo	Republic of Adygea, Krasnodar Krai
2(VU)	Colchis bladder nut	<i>Staphylea colchica</i> Stev.	Republic of Adygea, Krasnodar Krai
2(VU)	Bladder nut Pinnate Bladder nut	<i>Staphylea pinnata</i> L.	Republic of Adygea, Krasnodar Krai
2(VU)	Kalopanax or Castor Aralia	<i>Kalopanax septemlobus</i> (Thunb.) Koidz.	Primorsky Krai, Sakhalin Oblast
3(NT)	Manchurian Apricot	<i>Armeniaca mandshurica</i> (Maxim.) Skvortsov	Primorsky Krai
3(NT)	Caucasian Birch	<i>Betula raddeana</i> Trautv.	Kabardino-Balkar Republic, Republic of North Ossetia-Alania, Republic of Dagestan, Republic of Ingushetia, Karachay-Cherkess Republic, Chechen Republic
3(NT)	Schmidt's birch	<i>Betula schmidtii</i> Regel	Primorsky Krai
3(NT)	Daimyo Oak	<i>Quercus dentata</i> Thunb.	Primorsky Krai, Sakhalin Oblast
3(NT)	Almond Petiolate Almond	<i>Amygdalus pedunculata</i> Pall.	Buryatia
3(NT)	Sugeroku Holly	<i>Ilex sugerokii</i> Maxim.	Sakhalin Oblast
3(NT)	Fauriei Rhododendron	<i>Rhododendron fauriei</i> Franch.	Primorsky Krai
3(NT)	Tschonoskii Rhododendron	<i>Rhododendron tschonoskii</i> Maxim.	Sakhalin Oblast
3(NT)	Sorbaria rhoifolia	<i>Sorbaria rhoifolia</i> Kom.	Khabarovsk Krai, Primorsky Krai
3(NT)	Siberian sorbocotoneaster	<i>Sorbocotoneaster pozdnjakovii</i> Pojarkov	Sakha Republic
3(NT)	Asiatic persimmon (Date plum)	<i>Diospyros lotus</i> L.	Krasnodar Krai, Republic of Dagestan
3(NT)	Pistachio Amblyophyllous Pistachio	<i>Pistacia mutica</i> Fisch. et C.A. Mey.	Krasnodar Krai
3(NT)	Etruscan honeysuckle	<i>Lonicera etrusca</i> Santi	Krasnodar Krai
3(NT)	Cotoneaster alaunicus	<i>Cotoneaster alaunicus</i> Golitsin	Udmurtia, Belgorod Oblast, Volgograd Oblast, Lipetsk Oblast, Moscow Oblast, Oryol Oblast, Ryazan Oblast, Tula Oblast, Kursk Oblast, Samara Oblast
3(NT)	Cotoneaster cinnabarinus	<i>Cotoneaster cinnabarinus</i> Juz.	Murmansk Oblast, Republic of Karelia
3(NT)	Hedge Cotoneaster	<i>Cotoneaster lucidus</i> Schlecht.	Buryatia, Irkutsk Oblast
3(NT)	Giant dogwood	<i>Bothrocaryum controversum</i> (Hemsl. ex Prain) Pojarkov	Sakhalin Oblast (Kunashir island)
3(NT)	Climbing hydrangea	<i>Hydrangea petiolaris</i> Siebold et Zucc.	Sakhalin Oblast
3(NT)	Japanese walnut	<i>Juglans ailanthifolia</i> Carr.	Sakhalin Oblast
3(NT)	Caucasian wingnut	<i>Pterocarya pterocarpa</i> (Michx.) Kunth ex I. Iljinsk.	Krasnodar Krai, Republic of Dagestan
3(NT)	Wright viburnum	<i>Viburnum wrightii</i> Miq.	Sakhalin Oblast
3(NT)	Leafy Lespedeza	<i>Lespedeza cyrtobotrya</i> Miq.	Primorsky Krai
3(NT)	Felt Lespedeza	<i>Lespedeza tomentosa</i> (Thunb.) Maxim.	Primorsky Krai

Note: In parenthesis the IUCN abbreviation

0 (EX) – Probably Extinct, 1 (EN) – Endangered; 2 (VU) – Vulnerable; 3 (NT) – Near Threatened

Annex 3. Information on hunting resources

**Table 1. Number of game animals in territory of the Russian Federation
(according to the State Game Accounting Game Department the Russian Ministry of Agriculture)**

Specie	Number, thousand of individuals							
	2000	2001	2002	2003	2004	2005	2006	2007
Red deer (<i>Cervus elaphus</i> L.)	167.5	172.5	163.6	167.9	170.4	173.9	176.9	176.9
Reindeer (<i>Rangifer tarandus</i> L.)	–	965.5	881.5	830.4	896.0	893.7	879.1	893.2
Wild boar (<i>Sus scrofa</i> L.)	174.7	174.6	190.6	201.2	225.5	264.1	285.5	330.0
Musk deer (<i>Moschus moschiferus</i> L.)	129.0	125.0	126.9	117.0	116.9	121.4	121.2	124.4
Caucasian Tur (<i>Capra caucasica</i> Guld.et Pall.)	42.6	42.2	43.0	45.1	44.3	44.6	45.8	47.5
Roe deer (<i>Capreolus capreolus</i> L.)	711.6	691.3	644.9	689.3	742.6	784.6	809.8	н.д.
Moose (<i>Alces alces</i> L.)	600.2	566.0	523.0	526.3	539.7	565.4	595.7	604.8
Sika deer (<i>Cervus Nippon</i> Temm.)	15.2	14.8	15.1	16.0	16.8	18.0	19.6	21.5
Saiga (<i>Saiga tatarica</i> L.)	25.0	17.7	19.5	17.0	n/a	n/a	n/a	n/a
Chamois (<i>Rupicapra rupicapra</i> L.)	н.д.	н.д.	н.д.	4.9	5.2	4.8	5.0	6.3
Ibex (<i>Capra sibirica</i> L.)	13.8	13.7	14.8	14.3	14.1	16.5	16.5	16.3
Snow sheep (<i>Ovis nivicola</i> Eschs.)	52.6	54.5	54.5	56.5	56.4	56.5	56.5	54.5
Red squirrel (<i>Sciurus vulgaris</i> L.)	8,665.5	9,013.4	9,294.0	8,303.8	7,598.4	8,229.3	8,026.6	8,106.9
European Beaver (<i>Castor fiber</i> L.)	276.6	289.8	313.2	343.7	366.3	387.1	438.6	464.3
European Brown Bear (<i>Ursus arctos</i> L.)	125.9	133.5	135.7	136.6	148.5	159.4	160.0	160.5
Asian black bear (<i>Ursus thibetanus</i> G. Cuvier)	4.6	4.3	4.2	4.1	4.1	4.1	4.2	4.5
Wolf (<i>Canis lupus</i> L.)	45.1	45.7	45.1	45.5	43.0	43.0	45.0	44.5
Eurasian otter (<i>Lutra lutra</i> L.)	63.1	63.8	68.3	73.8	75.1	77.4	77.1	76.7
Stoats (<i>Mustela erminea</i> L.)	1,152.9	1,223.2	900.5	997.4	945.0	881.4	1,015.5	958.4
Mountain hare (<i>Lepus timidus</i> L.)	4,573.0	4,711.2	5,550.7	5,340.5	5,554.7	5,115.6	5,102.9	4,803.6
Brown hare (<i>Lepus europaeus</i> Pall.)	758.6	811.5	822.8	852.8	791.0	794.8	787.5	799.1
Siberian weasel (<i>Mustela sibiricus</i> L.)	200.8	192.3	208.4	197.7	188.5	171.4	169.1	159.4
Corsac fox (<i>Vulpes corsak</i> L.)	29.4	33.7	31.8	28.1	41.6	33.0	33.2	33.6
European pine marten and Beech marten (<i>Martes martes</i> L., and <i>M. foina</i> Erxl.)	180.4	191.0	201.8	218.6	220.3	233.4	234.8	220.8
Red fox (<i>Vulpes vulpes</i> L.)	467.6	541.6	538.2	579.6	562.8	634.6	595.5	586.4
Skunk bear (<i>Gulo gulo</i> L.)	22.4	24.1	25.5	20.4	24.0	24.5	22.1	23.4
Lynx (<i>Felis lynx</i> L.)	25.1	25.7	24.8	24.9	23.3	24.0	23.2	21.8
Sable (<i>Martes zibellina</i> L.)	1,120.9	1,122.4	1,077.3	1,095.1	1,135.4	1,120.1	1,259.3	1,432.0
Polecat and Siberian steppe polecat (<i>Mustela putorius</i> L. and <i>M. eversmanni</i> Less.)	100.5	100.4	98.4	90.6	86.6	81.9	80.6	82.0
Muskrat (<i>Ondatra zibethicus</i> L.) Capercaillie and Black- billed capercaillie (<i>Tetrao urogallus</i> L. and <i>T. parvirostris</i> Midd.)	4,471.6	4,199.4	4,393.4	4,025.2	3,845.0	4,073.8	4,181.4	3,933.4
Hazel Grouse (<i>Bonasa bonasia</i> L.)	27,187.2	27,526.0	23,436.5	21,763.8	20,447.1	24,757.9	24,511.4	24,886.4
Black Grouse (<i>Lyrurus</i>)	9,546.5	10,746.6	10,814.0	10,152.1	10,155.8	10,075.5	10,226.3	9,423.2



Table 2. Hunting quotas for main game species approved by the Russian Ministry of Agriculture

Specie	Quota for hunting season, individuals		
	2004–2005	2005–2006	2006–2007
Red deer (<i>Cervus elaphus</i> L.)	7,429	5,109	5,745
Reindeer (<i>Rangifer tarandus</i> L.)	94,429	82,450	86,470
Wild boar (<i>Sus scrofa</i> L.)	27,670	32,011	42,904
Musk deer (<i>Moschus moschiferus</i> L.)	1,870	2,000	1,870
Caucasian Tur (<i>Capra caucasica</i> Guld.et Pall.)	355	265	365
Roe deer (<i>Capreolus capreolus</i> L.)	24,646	19,520	26,610
Moose (<i>Alces alces</i> L.)	21,731	15,539	20,735
Sika deer (<i>Cervus nippon</i> Temm.)	877	956	1,568
Ibex (<i>Capra sibirica</i> L.)	250	168	193
Snow sheep (<i>Ovis nivicola</i> Eschs.)	680	370	680
European Beaver (<i>Castor fiber</i> L.)	21,865	28,203	39,305
European Brown Bear (<i>Ursus arctos</i> L.)	9,434	9,439	12,009
Asian black bear (<i>Ursus thibetanus</i> G. Cuvier)	145	103	110
Eurasian otter (<i>Lutra lutra</i> L.)	1,754	2,087	2,251
Sable (<i>Martes zibellina</i> L.)	205,737	215,680	301,410

Annex 4. Non-timber forest resources

Table 1. Cowberry resources and their development in selected Russian regions

Biological stock, thousand tonnes	Biological stock, thousand tonnes		Amur oblast		Primorsky Kray	
	Berries	Leaves	Berries	Leaves	Berries	Leaves
Biological stock, thousand tonnes	<u>300</u> 60	<u>600</u> 120	<u>150</u> 30	<u>300</u> 60	<u>12.5</u> 2.5	<u>25</u> 5
Annual average possible crop, thousand tonnes	<u>180</u> 36	<u>60</u> 12	<u>90</u> 18	<u>30</u> 6	<u>7.5</u> 1.5	<u>2.5</u> 0.5
Annual average actual crop, thousand tonnes	4,0	0.004	1.0	0.002	0.05	-
Extent of development from possible harvested amount, %	<u>2.2</u> 11.1	<u>0.007</u> 0.03	<u>1.1</u> 5.5	<u>0.007</u> 3.3	<u>0.7</u> 3.3	-

Note: Numerator is data for the whole territory, denominator - productive stock (available for development 1/5 part of the whole territory). Data on stock and crops of leaves (shoots) are in terms of wet weight.

Table 2. Information on harvested raw materials of some medicinal plants (2003)

Specie name, common name, collected part	Amount, kg	Specie name, common name, collected part	Amount, kg
<i>Acorus calamus</i> L. – Sweet Flag (root)	997.10	<i>Hippophae rhamnoides</i> L. – sea-buckthorns (fruit)	200,692.0
<i>Aralia elata</i> (Mq.) Seem. – Japanese Angelica-tree (root)	10.0	<i>Tanacetum vulgare</i> L. – Tansy (flower)	2,701.5
<i>Ledum palustre</i> L. – Labrador tea (grass)	15.0	<i>Paeonia anomala</i> L. – peony (roots)	2,374.0
<i>Bergenia crassifolia</i> (L.) Fritsch – Bergenia (root)	2,622.0	<i>Plantago major</i> L.s.l. – Greater Plantain (leaf)	305.0
<i>Betula</i> sp. - Birch (leaf)	740.0	<i>Equisetum arvense</i> L. – Common Horsetail (grass)	145.0
<i>Betula</i> sp. - Birch (bud)	7,755.7	<i>Artemisia</i> sp. – Sage species (grass)	2,726.0
<i>Inonotus obliquus</i> (Pers.) Pil. fil. sterilis (Van.) Nikol. – Chaga or cinder conk (mushroom)	15,648.1	<i>Leonurus cardiaca</i> L.s. – Motherwort (grass)	3,825.0
<i>Helichrysum arenarium</i> (L.) Moench – dwarf everlast (flower)	11.0	<i>Rhodiola rosea</i> L. – Golden Root (root)	2,796.0
<i>Crataegus</i> – Hawthorn (flower)	87.0	<i>Chamomilla</i> sp. – Camomile (flower)	1,313.1
<i>Crataegus</i> – Hawthorn (fruit)	9,426.8	<i>Sorbus aucuparia</i> L. – European Mountain Ash (fruit)	123,063.3
<i>Vaccinium vitis-idea</i> L. – Cowberry (leaf)	160.5	<i>Ribes nigrum</i> L. – Current (leaf)	260.0
<i>Sambucus nigra</i> L. – Elderberry (fruit)	5.0	<i>Ribes nigrum</i> L. – Current (berry)	1,187.0
<i>Adonis vernalis</i> L. – Pheasant's eye (grass)	20.0	<i>Glycyrrhiza glabra</i> – Licorice (root)	400.0
<i>Inula helenium</i> L. – Elecampane (roots)	284.5	<i>Pinus</i> sp. – Pine (bud)	5,093.6
<i>Melilotus officinalis</i> (L.) Pall. – Yellow Melilot (grass)	433.6	<i>Polygonum aviculare</i> L.s.l. – Common Knotgrass (grass)	1,195.0
<i>Quercus robur</i> L. – Oak (bark)	2,407.4	<i>Gnaphalium</i> sp. – Cudweed (grass)	53.7
<i>Potentilla erecta</i> (L.) Raeusch. – Common Tormentil (root)	383.1	<i>Achillea millefolium</i> L.s.l. – Yarrow (grass)	8,557.2
<i>Origanum vulgare</i> L. – Oregano (grass)	12,269.9	<i>Thymus serpyllum</i> L.s.l. – Wild Thyme (grass)	280.0
<i>Hypericum</i> sp. – St John's wort (grass)	9,424.1	<i>Bidens tripartita</i> L.s.l. – Three-lobe Beggarticks (grass)	193.2
<i>Viburnum opulus</i> L. – Guelder Rose (berry)	2,007.0	<i>Padus avium</i> Mill. – Bird cherry (fruit)	1,059.7
<i>Urtica dioica</i> L. – Stinging nettles (grass)	5,093.0	<i>Chelidonium majus</i> L. – greater celandine (grass)	810.2
<i>Frangula alnus</i> Mill. – Alder Buckthorn (bark)	143.0	Rose sp. – Dog rose (fruit)	12,399.1
<i>Convallaria majalis</i> L. – Lily of the Valley (leaf)	989.2	<i>Eleutherococcus senticosus</i> (Rupr.et Maxim.) Maxim. (root)	19,528.0
<i>Rhaponticum carthamoides</i> (Willd.) Iljin – Maral root (root)	1,309.0	<i>Aronia melanocarpa</i> (Michx Elliot.) - Black Chokeberry (fruit)	4,965.7
<i>Tilia cordata</i> Mill. – Lime (flower)	489.6	Other	20,439.8
<i>Rubus idaeus</i> L. - Raspberry (berry)	1,363.5	Raw materials, total	488,481.3
<i>Tussilago farfara</i> L. – Coltsfoot (leaf)	1,002.2		



Annex 5. Use of hunting resources

Table 1. Hunting of main mammal species in the Russian Federation

Specie	Procured in hunting season, heads							
	1999 – 2000	2000 – 2001	2001 – 2002	2002 – 2003	2003 – 2004	2004 – 2005	2005 – 2006	2006 – 2007
Red deer (<i>Cervus elaphus</i> L.)	4,052	4,393	3,944	4,571	4,213	3,364	2,699	3,365
Reindeer (<i>Rangifer tarandus</i> L.)	n/a	40,523	44,502	44,862	49,329	47,985	34,090	32,589
Wild boar (<i>Sus scrofa</i> L.)	11,865	11,337	12,355	15,211	17,652	19,960	20,462	26,068
Musk deer (<i>Moschus moschiferus</i> L.)	3,654	2,237	2,125	1,748	1,629	1,327	1,223	1,539
Caucasian Tur (<i>Capra caucasica</i> Guld.et Pall.)	125	120	160	166	234	186	83	150
Roe deer (<i>Capreolus capreolus</i> L.)	20,081	17,747	16,472	14,854	16,572	16,003	12,763	19,160
Moose (<i>Alces alces</i> L.)	17,537	15,328	15,113	14,033	16,697	16,162	10,289	14,269
Sika deer (<i>Cervus Nippon</i> Temm.)	662	423	442	418	540	679	663	751
Ibex (<i>Capra sibirica</i> L.)	53	52	62	76	71	46	117	135
Snow sheep (<i>Ovis nivicola</i> Eschs.)	109	131	185	143	216	141	154	181
Red squirrel (<i>Sciurus vulgaris</i> L.)	553,650	324,708	782,047	798,379	288,862	384,813	454,423	n/a .
European Beaver (<i>Castor fiber</i> L.)	5,316	7,419	7,382	7,120	8,327	7,420	8,024	8,790
European Brown Bear (<i>Ursus arctos</i> L.)	3,118	3,310	3,620	3,793	4,364	3,740	3,070	4,008
Asian black bear (<i>Ursus thibetanus</i> G. Cuvier)	23	38	39	87	67	62	75	45
Wolf (<i>Canis lupus</i> L.)	12,868	13,588	12,530	13,080	13,080	10,951	10,180	n/a .
Eurasian otter (<i>Lutra lutra</i> L.)	439	406	462	470	483	416	462	455
Stoats (<i>Mustela erminea</i> L.)	20,231	19,136	21,854	14,850	3,769	3,007	2,992	n/a.
Mountain hare (<i>Lepus timidus</i> L.)	181,712	212,949	212,280	227,314	227,109	172,041	109,438	n/a.
Brown hare (<i>Lepus europaeus</i> Pall.)	204,332	236,912	279,452	267,891	217,507	135,367	98,568	n/a.
Siberian weasel (<i>Mustela sibirica</i> Pall.)	23,571	22,685	27,292	23,177	41,830	7,963	5,956	n/a.
Corsac fox (<i>Vulpes corsak</i> L.)	578	756	1,930	1,250	1,121	495	374	n/a.
European pine marten and Beech marten (<i>Martes martes</i> L. and <i>M. foina</i> Erxl.)	16,608	13,217	9,190	8,894	7,894	3,939	2,688	n/a.
Red fox (<i>Vulpes vulpes</i> L.)	72,552	104,129	120,184	144,347	120,389	90,585	57,229	n/a.
Skunk bear (<i>Gulo gulo</i> L.)	211	231	253	292	148	77	76	n/a.
Lynx (<i>Felis lynx</i> L.)	815	420	344	370	388	86	73	n/a.
Sable (<i>Martes zibellina</i> L.)	148,204	176,874	177,380	182,636	182,234	169,754	198,912	275,867
Polecat and Siberian steppe polecat (<i>Mustela putorius</i> L. and <i>M. eversmanni</i> Less.)	4,694	7,294	8,363	8,139	4,981	3,189	3,829	n/a

Table 2. Procured waterfowl and upland fowl in spring hunting season

Specie	Procured, counts							
	2000	2001	2002	2003	2004	2005	2006	2007
Geese (<i>Anser</i> sp.)	52,461	54,886	62,383	56,749	81,042	42,769	n/a	n/a
Ducks (<i>Anas</i> sp.)	342,368	550,885	404,981	363,181	624,625	441,272	n/a	n/a
Capercaillie and black-billed capercaillie (<i>Tetrao urogallus</i> L. and <i>T. Parvirostris</i> Midd.)	5,544	7,222	8,641	8,693	6,090	4,424	5,131	n/a
Black Grouse (<i>Lyrurus tetrix</i> L.)	7,366	10,489	12,891	13,523	8,630	5,337	8,178	n/a

Table 3. Procured waterfowl and upland fowl in autumn hunting season

Specie	Procured, counts							
	2000	2001	2002	2003	2004	2005	2006	2007
Geese (<i>Anser</i> sp.)	50,139	50,167	41,665	29,952	36,725	n/a	n/a	n/a
Ducks (<i>Anas</i> sp.)	3,779,235	2,437,222	2,043,640	1,463,944	2,749,681	n/a	n/a	n/a
Capercaillie and black-billed capercaillie (<i>Tetrao urogallus</i> L., <i>T. Parvirostris</i> Midd.)	33,991	55,484	73,877	62,208	11,873	22,108	n/a	n/a
Hazel Grouse (<i>Bonasa bonasia</i> L.)	210,425	352,310	418,403	3,366,187	247,807	374,876	n/a	n/a
Black Grouse (<i>Lyrurus tetrix</i> L.)	98,034	126,670	146,011	132,627	28,541	35,857	n/a	n/a

Table 4. Purchasing prices for pelts of main fur-bearing animals in Kirov Oblast by seasons, roubles per unit

Specie	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005
Red squirrel	10-15	20-35	35-80	35-80	35-50	35-40	30-60
European Beaver	150-200	300-320	360-550	360-450	430-500	400-550	500-550
Eurasian otter	400-500	700-900	1,000-1,200	1,000-1,200	1,200-1,500	2,000-2,500	2,500-4,000
Stoats	-	40	45-150	45-150	80-90	60-90	60-80
Raccoon dog	150-200	220-350	260-400	260-500	500	350-600	350-650
Marten	145-180	200-240	280-500	350-450	350-500	450-550	450-630
Red fox	145-180	200-250	220-400	250-400	350-470	300-500	300-550
Mink	80-100	100-180	120-260	200-300	300-380	200-350	200-350
Muskrat	25-30	50-60	40-110	50-90	60-80	65-85	70-85
Skunk bear	400-500	700-900	800-1200	1000	1000	2000	2000
Lynx	400-500	1,000-1,500	1,500-2,500	2,000-2,500	2,000	2,500-3,000	3,000-7,000
Polecat	50-60	60-80	60-100	70-100	80-150	90-100	100-120

Table 5. Average purchasing prices for pelts of main fur-bearing animals in Kirov Oblast by seasons, roubles per unit

Specie	1998/1999	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004	2004/2005
Red squirrel	12.2	16.6	18.5	25.0	18.4	28.6	39.4
European Beaver	219.9	-	275.3	453.3	513.5	582.5	520.9
Eurasian otter	350.0	484.1	783.5	882.0	1,224.7	1,382.1	2,602.8
Stoats	-	-	14.7	-	-	-	-
Raccoon dog	-	260.0	263.1	403.8	419.2	491.3	623.1
Marten	141.7	159.8	208.8	326.3	323.4	476.2	525.1
Red fox	155.4	165.0	317.9	177.9	285.3	338.6	324.1
Mink	-	53.1	53.3	72.4	-	80.0	-
Muskrat	19.9	25.1	20.6	17.2	31.8	42.7	42.2
Skunk bear	426.7	-	650.0	720.0	-	-	-
Lynx	561.0	952.0	946.0	1,455.0	1,350.5	2,875.0	3,866.7



Annex 6.

List of indigenous minorities of the Russian Federation and territory of their residence

Indigenous minorities of the Russian Federation	Constituent entities of the Russian Federation where the minority lives
Abaziny	Karachaevo-Cherkessia Republic
Aleut	Kamchatka Oblast, Koryaksky Autonomous Okrug
Alutory	Koryaksky Autonomous Okrug
Besermyan	Republic Udmurtia
Veps	Republic Karelia, Leningrad Oblast
Dolgan	Taimyr Autonomous Okrug, regions of Krasnoyarsk Krai, Republic Sakha (Yakutia),
Izhortzy	Leningrad Oblast
Itelmen	Koryaksky Autonomous Okrug, regions of Kamchatka Oblast, Magadan Oblast
Kamchadal	regions of Kamchatka Oblast, Koryaksky Autonomous Okrug
Kereki	Chukotsky Autonomous Okrug
Kety	Krasnoyarsk Krai
Koryak	Koryaksky Autonomous Okrug, regions of Kamchatka Oblast, Chukotsky Autonomous Okrug, Magadan Oblast
Kumandincy	Altai krai, Republic Altai, Kemerov Oblast
Mansi	Khanti-Mansy Autonomous Okrug, regions of Tumen Oblast, Sverdlovsk Oblast, Republic Komi
Nagaybaky	Chelyabinsk Oblast
Nanaicy	Khabarovsk Krai, Primorsky Krai, Sakhalinskaya Oblast
Nganasan	Taimyr Autonomous Okrug, regions of Krasnoyarsk Krai
Negidalczy	Khabarovsk Krai, Nenets Yamalo-Nenetsky Autonomous Okrug, Nenets Autonomous Okrug, regions of Arkhangelsk Oblast, Taimyr Autonomous Okrug, Khanti-Mansy Autonomous Okrug, Republic Komi
Nivkhy	Khabarovsk Krai, Sakhalinskaya Oblast
Oroki	Sakhalinskaya Oblast
Orochi	Khabarovsk Krai
Saami	Murmansk Oblast
Selkup	Yamalo-Nenetsky Autonomous Okrug, regions of Tumen Oblast, Murmansk Oblast, Krasnoyarsk Krai
Soioty	Republic Buryatia
Tazy	Primorsky Krai
Telengity	Republic Altai
Teleuty	Kemerov Oblast
Tofolar	Irkutsk Oblast
Tubolar	Republic Altai
Tuvin-Todjin	Republic Tyva
Udege	Primorsky Krai, Khabarovsk Krai
Ulchi	Khabarovsk Krai
Khanty	Khanti-Mansy Autonomous Okrug, Yamalo-Nenetsky Autonomous Okrug, regions of Tumen Oblast, Tomsk Oblast, Republic Komi
Chelkancy	Republic Altai
Chuvancy	Chukotsky Autonomous Okrug, Magadan Oblast
Chukchi	Chukotsky Autonomous Okrug, Koryaksky Autonomous Okrug
Chulymcy	Tomsk Oblast, Krasnoyarsk Krai
Shapsugy	Krasnodarsk Krai
Shorcy	Kemerov Oblast, Republic Khakassia, Republic Altai
Evenk	Republic Sakha (Yakutia), Evenkia Autonomous Okrug, regions of Krasnoyarsk Krai, Amur Oblast, Sakhalinskaya Oblast, Republic Buryatia, Irkutsk Oblast, Chita Oblast, Tomsk Oblast, Tumen Oblast
Even	Republic Sakha (Yakutia), Khabarovsk Krai, Magadan Oblast, Chukotsky Autonomous Okrug, Koryaksky Autonomous Okrug, regions of Kamchatka Oblast
Ency	Taimyr Autonomous Okrug
Eskimosy	Chukotsky Autonomous Okrug, Koryaksky Autonomous Okrug
Ukagiry	Republic Sakha (Yakutia), Magadan Oblast

Note: Constituent entities of the Russian Federation are listed in descending order related to population of the named nation in their territory

Table of contents

Criterion 1:	
Conservation of biological diversity	6
1.1 Ecosystem diversity	10
1.1.a Area and percent of forest by forest ecosystem type, successional stage, age class, and forest ownership or tenure	10
1.1.b Area and percent of forest in protected areas by forest ecosystem type, and by age class or successional stage	14
1.1.c Fragmentation of forests	17
1.2 Species diversity	19
1.2.a Number of native forest-associated species	19
1.2.b Number and status of native forest-associated species at risk, as determined by legislation or scientific assessment	22
1.2.c Status of in situ and ex situ efforts focused on conservation of species diversity	24
1.3 Genetic diversity	27
1.3.a Number and geographic distribution of forest-associated species at risk of losing genetic variation and locally adapted genotypes	27
1.3.b Population levels of selected representative forest-associated species to describe genetic diversity	29
1.3.c Status of in situ and ex situ efforts focused on conservation of genetic diversity	30
Criterion 2	
Maintenance of productive capacity of forest ecosystems	34
2.a Area and percent of forest land and net area of forest land available for wood production	35
2.b Total growing stock and annual increment of both merchantable and nonmerchantable tree species in forests available for wood production	36
2.c Area, percent, and growing stock of plantations of native and exotic species	38
2.d Annual harvest of wood products by volume and as a percentage of net growth or sustained yield	38
2.e Annual harvest of non-wood forest products	40
Criterion 3	
Maintenance of ecosystem health and vitality	44
3.a Area and percent of forest affected by biotic processes and agents (e.g. disease, insects, invasive species) beyond reference conditions	45
3.b Area and percent of forest affected by abiotic agents (e.g. fire, storm, land clearance) beyond reference conditions	46
Criterion 4	
Conservation and maintenance of soil and water resources	52
4.1 Protective function	53
4.1.a Area and percent of forest whose designation or land management focus is the protection of soil or water resources	54
4.2 Soil	55
4.2.a Proportion of forest management activities that meet best management practices or other relevant legislation to protect soil resources	55
4.2.b Area and percent of forest land with significant soil degradation	56
4.3 Water	56
4.3.a Proportion of forest management activities that meet best management practices, or other relevant legislation, to protect water related resources.	56
4.3.b Area and percent of water bodies, or stream length, in forest areas with significant change in physical, chemical or biological properties from reference conditions	56
Criterion 5	
Maintenance of forest contribution to global carbon cycles	58
5.a Total forest ecosystem carbon pools and fluxes	59
5.c Avoided fossil fuel carbon emissions by using forest biomass for energy	61



Criterion 6:	
Maintenance and enhancement of long term multiple socioeconomic benefits to meet the needs of societies	62
6.1 Production and consumption	63
6.1.a Value and volume of wood and wood products production, including primary and secondary processing	64
6.1.b Value of non-wood forest products produced or collected	67
6.1.c Revenue from forest based environmental services	68
6.1.d Total and per capita consumption of wood and wood products in round wood equivalents	68
6.1.e Total and per capita consumption of non-wood products	68
6.1.f Value and volume in round wood equivalents of exports and imports of wood products	69
6.1.g Value of exports and imports of non-wood forest products	70
6.1.h Exports as a share of wood and wood products production and imports as a share of wood and wood products consumption	71
6.2 Investment in the forest sector	72
6.2.a Value of capital investment and annual expenditure in forest management, wood and non-wood forest product industries, forestbased environmental services, recreation and tourism	72
6.2.b Annual investment and expenditure in forest-related research, extension and development, and education	74
6.3 Employment and community needs	75
6.3.a Employment in the forest sector	75
6.3.b Average wage rates, annual average income and annual injury rates in major forest employment categories	76
6.3.d Area and percent of forests used for subsistence purposes	76
6.4 Recreation and tourism	77
6.4.a Area and percent of forests available and/or managed for public recreation and tourism	78
6.4.b Number, type, and geographic distribution of visits attributed to recreation and tourism and related to facilities available	79
6.5 Cultural, social and spiritual needs and values	79
6.5.a Area and percent of forests managed primarily to protect the range of cultural, social and spiritual needs and values	79
6.5.b The importance of forests to people	81
Criterion 7:	
Legal, institutional, and economic framework for forest conservation and sustainable management	82
7.1.a Legislation and policies supporting the sustainable management of forests	83
7.1.b Cross sectoral policy and programme coordination	84
7.3.a Clarity and security of land and resource tenure and property rights	85
7.3.b Enforcement of laws related to forests	85
7.4.a Programmes, services and other resources supporting the sustainable management of forests	86
7.4.b Development and application of research and technologies for the sustainable management of forests	88
7.5.a Partnerships to support the sustainable management of forests	88
7.5.b Public participation and conflict resolution in forest-related decision making	89
7.5.c Monitoring, assessment and reporting on progress towards sustainable management of forests	90
Annex	94