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Part II

REGION BY REGION STUDIES: Protected Areas and Forest Hotspots

Introduction

For each of the ten administrative regions of the Russian Far East, Russian specialists have provided detailed information on the protected area system in their respective region. The zapovedniks, zakazniks, nature parks, and other forms of protected area are described. The sections differ to some degree as each subcontracted specialist chose to highlight certain issues of concerns and described each particular protected area in a slightly different way.

After the information on protected areas, we have included information forest 'Hotspots' in those regions which has significant forests: Primorskiy, Khabarovsk, Sakhalin, Amur, Jewish Autonomous Region, Kamchatka and the Republic of Sakha. These forest hotspots were identified at the roundtables organized by Friends of the Earth-Japan and IUCN. Each of the Hotspots is presented in a standardized format: description of the territory, existing protection measures, and recommendations for future action. The methodology in choosing the hotspots and those specialists who identified and endorsed them is included in sections following this introduction.

Finally, we have provided an overview for each regional section to give the reader some background on the area. This includes information on climate, geography and ecology, fauna, main resources and industries. This background should be useful for those wishing to get a grasp of a particular region prior to reading the detailed information on protected areas and forest hotspots.

This information, perhaps the most comprehensive information on protected areas and forest hotspots yet available in Japanese or English on the RFE, should be used as a resource for those institutions, agencies, and organizations needing more detailed information. The regional identities of Russian Far Easterners is very strong, Primorskiy krai citizens are strongly attached to their particularly region. This sense of regional identify is much stronger than of that state system of the US or prefectural system in Japan. This is important to understand when working in the RFE.

We hope this information will encourage interested Japanese counterparts to develop projects with Russian colleagues and the international community to protect the forests of the Russian Far East.

-JN

List of Zapovedniks in the Russian Far East

Name	Region	Date Established	Area (ha.)
Contract Address			

Primorskiy Region

- **1. Khasanskiy** Primorye Region 1990 37,989 ha. 4 Svobodniy per., Spassk-Dalniy, Spassk Raion, Primorskiy Krai, 692240
- **2. Lazovskiy** Primorskiy Region 1957 120,000 ha. 56 Centralnaya, Lazo, Lazovskiy Raion, Primorskiy Krai, 692890 Tel; 42377-91136 Fax: 91137 E-mail: root@lazozap.marine.su
- **3. Sikhote-Alinskiy** Primorye Region 1935 390184 ha, including 2900 ha. marine reserve Ternei, Primorskiy Krai 692150, Tel: 42374-91559, 91365, e-mail: sixote@glas.apc.org
- **4. Far Eastern State Marine Reserve** Primorye Region 1978 64,300 ha, including 63,000 ha. of marine reserve 1 Palchevskogo, Vladivostok, 6940041 Tel/fax: 4232-310900 e-mail: faribm@stv.iasnet.ru
- **5. Kedrovaya Pad** Primorye region 1925 17,900 ha. Primorskaya, Khasanskiy Raion, Primorskiy Krai, 692710 E-mail: leoproj@vladwood.X400.rosprint.ru;
- **6. Ussuriskiy** Primorye Region 1932 40,432 ha. 19 Nekrasova, Ussurisk, Primorskiy Krai, 692532 Tel/fax: 20107

Note: Last three zapovedniks are administered by the Russian Academy of Sciences, Far Eastern Branch.

Khabarovsk Region

- **7. Bol'shekhekhtsirskiy** Khabarovsk Region 1963 45,123 ha. C/O Bichikha, 8 Ubileinaya Street, Khabarovsk Krai 682302 Tel: 4212-97-44-38 E-mail: sciens@rezerve.khv.ru
- **8. Botchi** Khabarovsk Region 1994 267,380 ha. Sovetskaya, 28-b, Sovetskaya-Gavan, Khabarovsk Krai, 682303
- 9. Bureinskiy Khabarovsk Region 1987 358,444 ha.
 44 Krasnoarkieskaya Street, Chegdomin, Upper-Bureinskiy raion, Khabarovsk Krai, 682080 Tel: 42149-52951
- **10. Dzhurdzhurskiy** Khabarovsk Region 1990 859,956 ha, including 53,000 ha. marine reserve
- Ayan, Khabarovsk Region, 682470 Tel; 213-71
- **11. Komsomolskiy** Khabarovsk Region 1963 64,278 ha. 59 Komsolmoskoye Shosse, Komsolmoslk-on-Amur, Khabarovsk Krai, 681019

Sakhalin Region

12. Kurilskiy Sakhalin Region 1984 65,364 ha.

Yuzhno-Kurilsk, Yuzhno-Kuriskiy Raion, Sakhalin Oblast, 694500 Tel: 42455-21586 Fax:

21394 E-mail: magnoliy@sakhalin.ru

13. Poronaiskiy Sakhalin Region 1988 56,694 ha. 3a Sovetskiy, Poronaisk,

Sakhalinskaya Oblast, 694220

Jewish Autonomous Region

14. Bastak Jewish Autonomous Region 1997 91,038 ha.

None given

Amur Region

15. Khinganskiy Amur Region 1963 93,995 ha. 6 Dovozhni Per., Arkhara, Arkharinskiy Raion, Amur Oblast, 676740 e-mail: darman@glasnet.ru

16. Zeiskiy Amur Region 1963 99,390 ha.

71 Stroitelnaya Street, Zeya, Amurskaya Oblast, Tel: (41658) – 21379, 21753

Kamchatka Region

17. Kommandorskiy Kamchatka Region 1993 3,648,679 ha., including 3,463,300 ha, marine reserve

18 Beringa Street, Nikolskoye City, Aleutskiy raion, Kamchatka Oblast, 684500

18. Kronotskiy Kamchatka Region 1934 1,142,000 ha., including 135,000 ha. marine reserve 48 Ryabikov Street, Yelizovo, Kamchatka Oblast, 684010 e-mail:

zapved@elrus.kamchatka.su

Koryak Autonomous Region

19. Koryakskiy Koryak Autonomous region 1995 327,156 ha., including 83000 marine reserve 8 Naberezhnaya, Tilichiki, Aleutskiy rain, Koryaksiy Auntonomous

Okrug, 684800

Republic of Sakha (Yakutia)

20. Olemkimskiy Republic of Sakha 1984 847,102 ha. 31 Logovaya, Olekminsk, Republic of Sakha, 678100 Tel: 41138-21032, 21482

21. Ust-Lenskiy Republic of Sakha 1985 1,433,000 ha. 28 Acad. Federova, Tiksi, Bulunskiy raion, Republic of Sakha, 678400, Tel: 41167-53939, e-mail: lena@tiksi.rospac.ru

Magadan Region

22. Magadanskiy Magadan Region 1982 8 Portovaya, Magadan, 685014, Tel: 41322-23611, Fax: 20071

Chukotka Region

23. Wrangel Island Chukotka Autonomous Region 1976 2,225,650 ha. including 1,430,000 ha. marine reserve Ushakovskoye, Schmidtovskiy Raion, Chukotskiy AO, 686870

Source: Biodiversity Conservation Center, Moscow, 1997. Translated by Josh Newell

METHODOLOGY TO IDENTIFY THE BIODIVERSITY HOTSPOTS

A joint project of IUCN-The World Conservation Union and Siberia Hotspot Program at Friends of the Earth-Japan

I. Summary

The 59 'Hotspots' identified are the result of more than 12 months of regional roundtables in all ten administrative subdivisions of the RFE. At these roundtables, representatives from regional administrations, nature protection agencies, scientific institutes, and non-governmental organizations met to identify and agree on 5-7 priority territories for biodiversity conservation ('Hotspots') in their respective region. The primary criteria for choosing these priorities were:

- 1. Presence of rare and endangered plant and animal species or endemic species
- 2. Existing and projected threats from industrial development
- 3. Level of ecosystem fragility
- 4. Importance for traditional land-use by indigenous peoples
- 5. Poorly studied areas that could be considered as meeting criteria 1,2, 3, and/or 4 above

The procedure for reaching consensus began with presentations by all invited specialists who described and supported the inclusion of one or more territories to the list. Then, on the basis of the criteria outlined above, specialists nominated and explained the reasons for the five areas they felt best suited the criteria. Finally, the selections were tallied and the 5-7 (in case of ties) 'Hotspots' receiving the most votes were put forth for final approval by the roundtable participants; these expert teams are listed in the following pages/ to the right of this text. The complete results of these roundtables are published in the survey, "Priority Territories (Hotspots) for Biodiversity Conservation in the Russian Far East", which is now available in Russian and will soon be available in Japanese and English.

To announce the findings of the Hotspot roundtables, to develop protection strategies, and to make recommendations for sustainable development of the Region, Friends of the Earth-Japan, IUCN, and the Republic of Sakha Government held an international conference in Yakutsk, Russia in June 1998. Attendees at this conference unanimously agreed to endorse these Hotspots and developed a number of concrete resolutions on environmental policy, forest use, investment policy, and natural resource management. Since June, more than 45 international NGOs have also endorsed the conference resolution.

Russian Far East Biodiversity Hotspot List

Note: Hotspots are not listed in order of priority

Krai, Oblast, Republic, Okrug: Administrative subdivisions of the Russian Federation

zapovednik: strict nature reservezakaznik: wildlife refuge

Note: Forest Hotspots are listed in bold.

Primorve

- 1. Samarga River Basin (forest)
- 2. Middle and Upper Bikin River Basin (forest/wetland)
- 3. Middle-Ussuriiskiy National Park (forest)
- 4. Upper-Ussuriiskiy National Park (forest)
- 5. Southwest Primorye region [including Khasanskiy Nature Park, Barsoviy Zakaznik, Borisovskoye Plateau Zakaznik] (forest/wetland)

Khabarovsk

- 6. Anyuiskiy National Park (forest)
- 7. Matai Zakaznik (forest)
- **8.** Nedostupniye Lakes Zakaznik (wetland)
- 9. Pikhtsa-Tigroviy Dom Zakaznik (forest/wetland)
- 10. Gur-Khoso Zakaznik (forest)
- 11. Shantar Islands Zakaznik (wetland/marine)

Note: None are established reserves

Sakhalin

- 12. Pursh-Pursh and Vengeri River Basins (forest)
- 13. Coastal Bays of Northeastern Sakhalin (wetland/marine)
- 14. Anna, Sima, and Bukhara River Basins (forest)
- 15. Schmidt Peninsula (forest)
- 16. Krilyon Peninsula (forest)
- **17.** Nevskoye Lake (wetland)
- 18. Vaida Mountain (forest)

Amur

- 19. Arkhainskaya Lowland and Little Khingan Range (forests/wetland)
- **20.** Southern part of the Zeisko-Bureinskaya Plain (wetland)
- 21. Mukhinka Drainage Basin (forest)
- 22. Between the Nora and Selemdzha Rivers (forest/wetland)
- 23. Mountains surrounding Zeiskoye Reservoir (forest)
- 24. Nyukzhinskiy Ridge and Amur Pinelands (forest)

Jewish Autonomous Oblast

- 25. Zabelovskiy Area (wetland)
- **26.** Stolbovskoy Area (wetland)
- 27. Pompevevskiv Area (wetland/forest)
- 28. "Bastak" State Zapovednik
- 29. "Kuldur" Nature Park (forest)

Kamchatka

- **30. Bystrinskiy Nature Park (forest)**
- 31. "Conifer Island" (forest)
- 32. Kronotskiy Biosphere Zapovednik (forest/wetland)
- **33.** Komandorskiy Zapovednik (marine)
- **34.** Avachinskaya Bay (wetland/marine)

Koryakia

- 35. North Ayakinskiy Zakaznik (wetland/arctic)
- **36.** Parapolskiy Valley (wetland/arctic)
- **37.** Karaginskiy Island Zakaznik (marine)
- **38.** Palanskoye Lake Zakaznik (wetland)
- **39.** Rivers in Tigilskiy region (wetland/tundra)
- **40.** Koryak offshore zone of the Sea of Okhotsk (marine)
- 41. Buffer Zone of Koryakskiy Zapovednik (wetland/tundra)

Republic of Sakha (Yakutia)

- 42. Sub-tundra forests of Northern Sakha (arctic/forest)
- 43. Vilyui River Basin
- 44. Between the Lena and Amga Rivers (forest/wetland)
- 45. Between the Aldan and Uchur Rivers (arctic/forest)
- 46. Tuimaada Valley (forest/wetland)

Magadan

- 47. Magadanskiy Zapovednik (wetland/forest/marine)
- 48. Tauskaya Bay (marine/wetland)
- **49.** Khasyn River Basin (wetland)
- 50. Gizhiginskaya Bay (wetland)
- 51. Odyan and Kavinskaya Valley Zakazniks (wetland)
- **52.** Ola River Basin (wetland)

Chukotka

- 53. Lower Anadyr Lowlands (arctic/wetland)
- 54. Omolonskiy Zakaznik (arctic/tundra)
- 55. Southeast Coast of Chaunskaya Bay (marine/wetland)
- 56. Meinypilgynskaya Riparian zone (including coast) (arctic/wetland)
- 57. Walrus rookeries (arctic/marine)
- 58. Lake Elgygytgyn depression (arctic/wetland)
- 59. Botanical natural monuments (arctic)

Russian Far East Expert Team

The following specialists identified and adopted the biodiversity hotspots listed above at regional roundtables held throughout the Russian Far East from 1997 to 1998.

Primorskiy Region

Adopted by:

Lebedev A., Director, Bureau of Regional Public Campaigns (Regional Co-

coordinator)

Karakin V., Pacific Institute of Geography (Regional Co-coordinator)

Aramilev V., Institute of Sustainable Nature Use
Aramileva T., Regional Game Commission
Ashchepkov A., Institute of Marine Biology

Bersenev Yu., Chief Specialist, Regional Committee on Environmental Protection **Bocharnikov V.,** Pacific Institute of Geology, Russian Academy of Sciences, Far East

Department

Chisholm B.J., Co-director, ISAR-Vladivostok
Dikun T., Pacific Institute of Geography
Dyukarev V., Institute of Soil Biology

Fomenko P., WWF-Russia, Vladivostok office

Gaponov V., Committee on Natural Resources, Primorskiy Regional Administration

Kabalik L.,"Zov Taigi" CenterRosenberg V.,Institute of Soil BiologySeledets V.,Institute of Soil BiologySolkin V.,"Zov Taigi" Center

Vorobyeva T., Far Eastern State University

Khabarovsk Region

Adopted by:

Kulikov A.N., Chairman, Khabarovsk Wildlife Foundation (Regional Co-coordinator) **Voronov B.A.,** Director, Institute of Water and Ecological Problems Regional Co-

coordinator)

Balaganskiy N.M., Director, Regional Game Commission

Bolshova N.V., Director, Environmental Information Agency, Khabarovsk Wildlife

Foundation

Darenskiy A.A., Director, Far East Branch, All-Russian Scientific Research Institute of

Hunting and Animal Husbandry

Efimov N.N., Deputy Director, Office of Nature Use Economics and Policy,

Department of Natural Resources and Extractive Industries, Khabarovsk

Regional Administration

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Kryukov V.G., Deputy Director, Dept. of Natural Resources and Extractive Industries,

Khabarovsk Regional Admin.

Sapaev V.M., Senior Researcher, Institute of Water and Ecological Problems

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Head of Laboratory, Institute of Water and Ecological Problems

Sakhalin Region

Adopted by:

Lisitsyn D.V., Chairman, Sakhalin Environment Watch (Regional Coordinator)

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Kozlov V.A., "Boomerang" Tourist Club

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Revyakina Z.V., Regional Committee on Environmental Protection

Romanova A.Y., Sakhalin Environment Watch

Sabirov N.R., Institute of Marine Geology and Geophysics

Sankova O.A., Sakhalin Fisheries Inspectorate
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Skalchinskiy V.M., Regional Forest Service

Solovyev A.V., Institute of Marine Geology and Geophysics

Taran A.A., Sakhalin Botanical Garden

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Ivanov G.N., Chairman, Permanent Commission on Agricultural Policy, Nature Use,

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Shestakov G.V., Deputy Chairman, Regional Committee on Land Resources and Land

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Veriga G.S., Deputy Director, Regional Forestry Service

Jewish Autonomous Region

Adopted by:

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Akhmadulin V.A., Deputy Director for Science, Regional Institute of Complex

Anthropogenic Problems

Belonogova N.A., Deputy Chairperson, Regional Committee on Environmental Protection

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Kruglenko A.A., Head, Department of Land Management, Regional Committee on Land

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Mokrov S.A., Chief Inspector, Regional Fisheries Protection Service

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JAO

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Protection

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Anthropogenic Problems

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Anthropogenic Problems

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Kamchatka Region

Adopted by:

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Protection

Edlund, Julie, Pacific Environment and Resources Center

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Menshikov V.I., Director, Directorate of Nature Parks of Kamchatka Oblast

Mosolov V.I., Kronotskiy biosphere zapovednik
Orlov A.A., Kamchatka Regional Administration
Skorobogatsko L.N., Director, Public Association "Garmoniya"

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Verecheva P.E., Kamchatka Regional Committee on Environmental Protection

Koryak Region

Adopted by:

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Chief Specialist, Regional Committee on Environmental Protection
Chief Specialist, Regional Committee on Environmental Protection
Chief Specialist, Regional Committee on Environmental Protection

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Meshalkin A.B., Representative of the President of the Russian Federation in the Koryak

Autonomous okrug

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Pepe Z.P., Department Head, Regional Committee on Land Resources

Rogaleva M.V., Head, Regional Agriculture Department

Smyshlyaev A., Independent Journalist

Tsulya I.G., Chairman, Regional Committee on Environmental Protection

Republic of Sakha (Yakutia)

Adopted by:

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Zone (Regional Coordinator)

Desyatkin R.V., Laboratory Director, Institute of Biological Problems of Permafrost

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Shurduk I.F., Senior Staff Researcher, Institute of Biological Problems of the

Permafrost Zone

Timofeev P.A., Professor, Yakutsk State University

Magadan Region

Adopted by:

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Chukotka Region

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