

*GOVERNMENT OF MOSCOW  
COMMITTEE FOR CULTURE*

*EURASIAN REGIONAL ASSOCIATION  
OF ZOOS & AQUARIUMS*

*UNION OF ZOOS AND AQUARIUM OF RUSSIA*

*MOSCOW ZOO*

**INFORMATIONAL COLLECTION  
ZOOS AND AQUARIUMS**

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– 2021 –

The current issue comprises information on EARAZA member zoos and other zoological institutions. The first part of the publication includes collection inventories and data on breeding in all zoological collections.

The second part of the issue contains information on the meetings, workshops, trips and conferences which were held both in our country and abroad, as well as reports on the EARAZA activities.

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of zoos and aquariums**

**President of the Russia Union of  
zoos and aquariums**

**Director general  
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 of the Eastern and Central Asia Regions

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Council members

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 Admission of new EARAZA members.

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Senior Methodist	Arzhanova Tatiana

Dear Colleagues,

We offer to your attention the 40<sup>th</sup> volume of the Informational Issue of the Eurasian Regional Association of Zoos and Aquariums (EARAZA). The publication consisting of two parts has been prepared by the staff of the EARAZA Executive Office and colleagues from the Scientific and Methodological Division of the Moscow Zoo, based on the results of the analysis of data presented by EARAZA member zoos.

This publication provides information about 142 zoological institutions and their animal collections. A separate section deals with significant zoo events and other activities that were held at the zoos, aquariums, exotariums, breeding stations and other zoological organizations in the past year.

The publication includes the report on the EARAZA activities that were carried out in 2020, as well as the latest data on the zoological collections of the zoos located in 25 countries including those in CIS states, the UAE, Baltic countries, Brazil, Czech Republic, Denmark, France, Germany, Israel, Poland, Romania, Slovakia, South Korea, and Switzerland.

To make the publication timely and useful, the member zoos are requested to keep to the deadline for submission of the materials to the EARAZA Information and Methodical Centre.

We would like to remind you that the information on your zoological institution, animal inventories in taxonomic order (according to the taxonomy recognized by EARAZA and including scientific names), and data on animal breeding as of January 1 of the current year should be sent before February.

Also, please try to observe the deadline when sending logotypes and guidebooks of your zoo for the general information section, as well as the notes on the zoo news and articles on education and methodical activities.

To our regret, 19 institutions (including 11 EARAZA members) that in the past participated in this publication did not provide us with necessary information in a good time, even after they received a reminder from the Editorial Board.

We hope that early data submission and timely publication of the Informational Issue and its Appendices reflect your professional interests and that our effective cooperation will be successfully continued into the future.

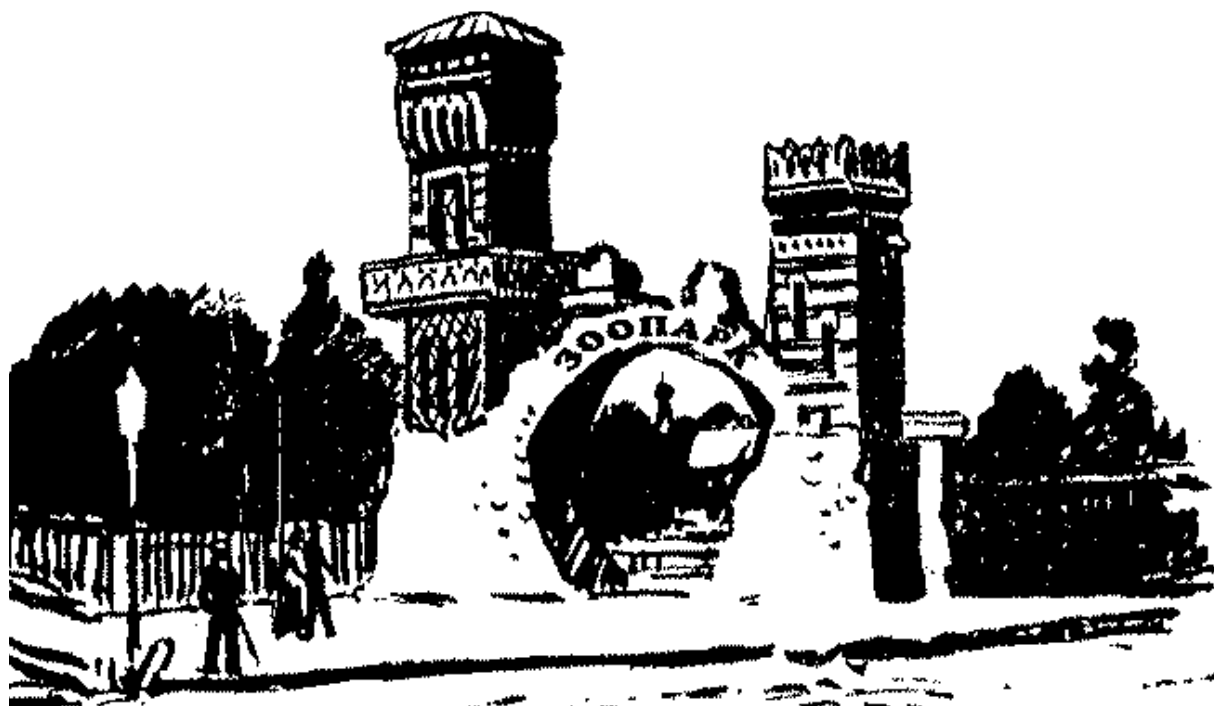
Please note that this volume, as well as a number of previous volumes of the Informational Issue can be found on the EARA ZA website: <http://earaza.ru>.

*General Director of the state autonomous institution “Moscow Zoo”,*

*President of the Eurasian Regional Association of Zoos and Aquariums,*

*President of the Russia Union of zoos and aquariums*

С.В. Акулова



**INFORMATION ON THE ZOOLOGICAL COLLECTIONS**  
**on 1.01.2021**  
(Attendance for 2020 year)





**Full and associated members of the EARAZA**

Azerbaijan	1
Armenia	2
Belarus	2
Brazil	1
Bundesrepublik Deutschland	2
Czech Republic	10
Estonia	1
France	1
Daniya	1
Israel	2
Kazakhstan	4
Kyrgystan	1
Moldova	1
Poland	2
Russia	52
Romania	1
Slovak Republic	3
United Arab Emirates	1
Tadjikistan	1
Ukraine	8
Uzbekistan	1
<b><i>Total:</i></b>	<b>98</b>

**Zoos that are not EARAZA members**

Belarus	2
Bundesrepublik Deutschland	2
Latvia	2
Lithuania	1
Poland	1
Russia	15
Slovak Republic	1
Southern Korea	1
Swizerland	1
Ukraine	3
<b><i>Total:</i></b>	<b>29</b>

**Other zoological institutions that are not EARAZA members**

Kazakhstan	1
Russia	13
Uzbekistan	1
<b><i>Total:</i></b>	<b>15</b>

**TOTAL – 142**

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***1. Information on the full and associated members  
of the Eurasian Regional Association  
of Zoos and Aquariums (EARAZA)***

***Full and associated members:***

Armenia**Y E R E V A N*****Yerevan Zoo***

Population – 1.081.000

0025 Yerevan, pr. Myasnikyana 20. Open 1940.

Tel.: (37410) 56-23-62, 56-21-65. Tel.: /fax: (37410) 55-46-00. E-mail: [director@zoo.am](mailto:director@zoo.am), [info@zoo.am](mailto:info@zoo.am). Web: [www.zoo.am](http://www.zoo.am). Director: Vladimir Ar. Simonyan. Head specialist: Anna Iv. Asaturyan. Vet: Arutyun T. Oganesyanyan. 69 staff. 34 ha. Att. – 235,130. Mammals – 35 spp., 189 specimens; birds – 49 spp., 246 specimens; reptiles – 44 spp., 127 specimens; amphibians – 1 spp., 1 specimens; fishes – 33 spp., 316 specimens; invertebrates – 16 spp.. Total: 178 spp., 879 specimens+.

Speciality – rare animals of Armenia and South Caucasus.

**Y E R E V A N**

Population – 1.081.000

***The Foundation for the preservation of wildlife***

0001 Yerevan, ul. Khandzhyana, 47/1, 14. Open 2002.

Tel.: (37410) 58-58-84. (37493) 04-40-88, 05-47-54. E-mail: [ruben@fpwc.org](mailto:ruben@fpwc.org), [arevik.mkrtychyan@fpwc.org](mailto:arevik.mkrtychyan@fpwc.org). Web: [www.fpwc.org](http://www.fpwc.org). Director: Ruben A. Khachatryan. Coordinator of environmental programs: Viki R. Mkrtychyan. Vet: Iman Memarian. 30 staff. 1 ha. Mammals – 1 spp., 16 specimens; birds – 1 spp., 3 specimens. Total: 2 spp., 19 specimens.

Azerbaijan**B A K U*****Baku Zoo***

Population – 2.000.000

1007 Baku, ul. Bakikhanova 39, AZ. Open 1942.

Tel.: (994) 440-10-96. Tel./fax: (994) 441-04-54. E-mail: [azerizoo@mail.ru](mailto:azerizoo@mail.ru). Web: [www.Baku-zoo.com](http://www.Baku-zoo.com). Director: Guseinov Azer Ragim ogly. Deputy Director: Babaev Enver Kocheri ogly. Head of the veterinary Department: Amirov Dzhanpolat Ali ogly. 41 staff. 4.5 ha. Att. – the restoration of the zoo. Mammals – 35 spp., 155

specimens; birds – 55 spp., 294 specimens; reptiles – 11 spp., 45 specimens; fishes – 25 spp., 300 specimens. Total: 126 spp., 794 specimens.

## Belarus



### **G R O D N O** **Grodno Zoo**

Population – 356.900

230023 Grodno, ul. Timiryazeva, 11. Open 1929.

Tel.: 375 (0152) 62-29-16, 62-29-12, 62-29-18. Fax: 375 (0152) 62-29-11. E-mail: [zooпарк@mail.grodno.by](mailto:zooпарк@mail.grodno.by). Web: [www.grodnozoo.by](http://www.grodnozoo.by). Director: Oleg I. Zhdankin. Deputy Director: Timofei Al. Chuprakov. Vet: Elena V. Komarets. 121 staff. 5.3 ha. Att. – 101,770. Mammals – 64 spp., 399 specimens; birds – 83 spp., 666 specimens; reptiles – 43 spp., 116 specimens; amphibians – 6 spp., 13 specimens; fishes – 34 spp., 432 specimens; invertebrates – 48 spp. Total: 287 spp., 1,626 specimens+.



### **M I N S K** **Minsk Zoo**

Population – 2.020.600

220066 Minsk, ul. Tashkentskaya, 40. Open 1984.

Tel.: (37517) 303-56-20. Tel./fax: (37517) 242-21-75. E-mail: [MinskZoo@tut.by](mailto:MinskZoo@tut.by). Web: [www.minskzoo.by](http://www.minskzoo.by). Director: Aleksandr N. Safronov. Deputy Director: Andrei N. Kastyuk. Vet: Aleksei O. Ryabtsev. 143 staff. 14.07 ha. (exposition – 6 ha). Att. – 273,360. Mammals – 79 spp., 387 specimens; birds – 68 spp., 263 specimens; reptiles – 85 spp., 294 specimens; amphibians – 5 spp., 32 specimens; fishes – 104 spp., 996 specimens; invertebrates – 52 spp. Total: 393 spp., 1,972 specimens+.

Brazil**SAN - PAULO**

Population – 12.330.000

***Aquario de São Paulo***

04275-000 Huet Bacelar, 407, São Paulo-SP, Brazil. Open 2006.

Tel.: (5511) 227-355-00. E-mail: [anael@aquariodesaopaulo.com.br](mailto:anael@aquariodesaopaulo.com.br),  
[fabiana@aquariodesaopaulo.com.br](mailto:fabiana@aquariodesaopaulo.com.br), [lauravet@aquariodesaopaulo.com.br](mailto:lauravet@aquariodesaopaulo.com.br). Web:  
[www.aquariodesaopaulo.com.br](http://www.aquariodesaopaulo.com.br). Director: Anael Fabel. Terrestrial Mammals:  
 Fabiana Padilha. Vet: Laura Reisfeld. 210 staff. 15.000 m.sq. Att. – 540,000.  
 Mammals – 18 spp., 124 specimens; birds – 1 spp., 9 specimens; reptiles – 20 spp.,  
 147 specimens; amphibians – 2 spp., 5 specimens; fishes – 236 spp., 2,306  
 specimens; invertebrates – 38 spp. Total: 315 spp., 2,591 specimens +.

WAZA, ALPZA

Bundesrepublik Deutschland**MAGDEBURG**

Population – 242.280

***Magdeburg Zoo***

39124 Magdeburg, Zooallee, 1. Open 1950.

Tel.: 0049/391/280902102. Fax: 0049/391/280905203. E-mail: [ruske@zoo-](mailto:ruske@zoo-magdeburg.de)  
[magdeburg.de](mailto:info@zoo-magdeburg.de), [info@zoo-magdeburg.de](mailto:info@zoo-magdeburg.de). Director: Dirk Wilke. Curator: Konstantin  
 Ruske. 68 staff. 21 ha.

Speciality: sparkling monkeys, parrots

EAZA, WAZA, VDZ

*The information is not fully provided.*



**NATENDORF**

Население – 756

**Professional Zoo and Animal Equipment (Zooprofis)**

Weinberghof, Wessenstedt 12, D-29587 Natendorf. Open 2000.

Tel.: +49 (0) 179 92 23 665. E-mail: [info@zooprofis.de](mailto:info@zooprofis.de). Web: [www.zooprofis.de](http://www.zooprofis.de).

Director: Daniel Goosmann. 5 staff.

Speciality: Equipment and building material for zoos, zoo animals.

Czech Republic**BRNO**

Population – 376.734

**Brno Zoo**

U Zoologické zahrady 46, 63500 Brno, Czech Republic. Open 1953.

Tel. (420) 725 326 555 – Radana Dungelova (Head of the International CooperaationaDepartmaent). E-mail: [zoo@zoobrno.cz](mailto:zoo@zoobrno.cz); [dungelova@zoobrno.cz](mailto:dungelova@zoobrno.cz).Web: [www.zoobrno.cz](http://www.zoobrno.cz). Director: Martin Hovorka. Deputy Director: Miroslav Janota.

Zoolog: Bogumil Král. Vet: Stanislav Mazánek. 108 staff. 36.0 ha. Att. – 246,346.

Mammals – 84 spp., 409 specimens; birds – 56 spp., 234 specimens; 119 spp., 1,464 specimens; invertebrates – 90 spp. Total: 408 spp., 2,311 specimens+.

Speciality: reptiles and carnivores.

UCSZ, EAZA, WAZA, IZE

**CHLEBY**

Population – 350

**Zoo Chleby**

289 31 Chleby. Czech Republic. Open 1997.

Tel.: (420) 723 237 571, 702 186 910, 777 581 942. E-mail: [director@zoochleby.cz](mailto:director@zoochleby.cz).Web: [www.chleby.cz](http://www.chleby.cz). Director: René Franěk. Deputy Director: Jaroslav Dufek.

Zoolog: Alena Frankova. Vet: Josef Brecka. 12 staff. 5.1 ha. Att. – 79 000. Mammals – 24 spp., 90 specimens; birds – 24 spp., 75 specimens; reptiles – 11 spp., 24 specimens.; amphibians – 1 spp., 3 specimens; fishes – 27 spp., 110 specimens;

invertebrates – 19 spp. Total: 106 spp., 302 specimens +.

**CHOMUTOV**

Population – 50.000

**Zoopark Chomutov**

Přemyslova 259, 430 001 Chomutov. Czech Republic. Open 1975.

Tel.: (420) 774 266 222, 773 149 044. E-mail: [zoo@zoo.cz](mailto:zoo@zoo.cz). Web: [www.zoopark.cz](http://www.zoopark.cz). Director: Vera Frichova. Zoologist: Miroslav Brtnický. Vet: Vladimira Gabětinová. 66 staff. 112 ha. Att. – 171,332. Mammals – 60 spp., 342 specimens; birds – 66 spp., 426 specimens; reptiles – 24 spp., 163 specimens; amphibians – 1 spp., 2 specimens; fishes – 3 spp., 6 specimens; invertebrates – 1 spp. Total: 155 spp., 939 specimens +.

Speciality: Palearctic fauna.

UCSZ, EAZA, WAZA

**DVŮR KRÁLOVÉ**

Population – 15.710

**Zoo Dvůr Králové nad Labem**

Dvůr Králové nad Labem, Štefánikova 1029, 54401. Czech Republic. Open 1946.

Tel.: (420) 499 329 515, 499 311 225, 499 628 255. E-mail: [info@zoodvurkralove.cz](mailto:info@zoodvurkralove.cz), [reditelstyi@zoodvurkralove.cz](mailto:reditelstyi@zoodvurkralove.cz), [zoo.dk@zoodvurkralove.cz](mailto:zoo.dk@zoodvurkralove.cz), [premysl.rabas@seznam.cz](mailto:premysl.rabas@seznam.cz). Web: [www.safaripark.cz](http://www.safaripark.cz). Director: Premysl Rabas. Deputy Director: Jaroslav Hyjanek. Vet: Juri Vahala. 177 staff. 78,8 ha (exhibits: 53 ha). Att. – 450,812. Mammals – 97 spp., 876 specimens; birds – 148 spp., 1,095 specimens; reptiles – 53 spp., 188 specimens; amphibians – 5 spp., 60 specimens; fishes – 54 spp., 805 specimens; invertebrates – 53 spp. Total: 410 spp., 3,024 specimens +

Speciality: African fauna.

UCSZ

**HLUBOKA NAD VLTAVOU**

Population – 5.419

***Jihočeská zoologická zahrada Hluboká nad Vltavou (Zoo Hluboká)***

37341 Hluboká nad Vltavou, Zoo Ohrada 417. Czech Republic. Open 1939.

Tel.: (420) 387 002 210, 387 002 211, 607 172 566. E-mail: [info@zoo-ohrada.cz](mailto:info@zoo-ohrada.cz), [pokorny@zoohluboka.cz](mailto:pokorny@zoohluboka.cz), [kossl@zoohluboka.cz](mailto:kossl@zoohluboka.cz). Web: [www.zoohluboka.cz](http://www.zoohluboka.cz).

Director: Vladimír Pokorný. Deputy Director: Roman Kössl. Vet: Emanuel Krejcar (private). 38 staff. 6 ha (exposition – 4.8 ha). Att. – 201,489. Mammals – 48 spp., 528 specimens; birds – 127 spp., 710 specimens; reptiles – 43 spp., 340 specimens; amphibians – 10 spp., 249 specimens; fishes – 34 spp., 603 specimens; invertebrates – 34 spp. Total: 296 spp., 2,430 specimens +

Speciality: fauna of Europe and Czech Republic.

UCSZOO, EAZA, WAZA, IZE

**HODONÍN**

Population – 25.000

***Zoologická zahrada Hodonín***

Zoologická zahrada Hodonín, příspěvková organizace, U Červených domků 3529, 695 01 Hodonín. Czech Republic. Open 1977.

Tel.: (420) 518 346 271. E-mail: [info@zoo-hodonin.cz](mailto:info@zoo-hodonin.cz), [zoolog@zoo-hodonin.cz](mailto:zoolog@zoo-hodonin.cz).Web: [www.zoo-hodonin.cz](http://www.zoo-hodonin.cz). Director: Martin Krug. Deputy Director: Jana Nedůchalová. Curator, Collection: Lenka Štursová. Vet: Katerina Jedličková. 36 staff. 5.7 ha. Att. – 145,865. Mammals – 39 spp., 127 specimens; birds – 51 spp., 140 specimens; reptiles – 17 spp., 57 specimens; amphibians – 5 spp., 35 specimens; fishes – 93 spp., 391 specimens; invertebrates – 40 spp. Total: 247 spp., 752 specimens+.

UCSZ, EAZA



**OLOMOUC**  
**Zoo Olomouc**

Population – 100.000

Zoologická Zahrada Olomouc, Darwinova 29, 779 00 Olomouc. Czech Republic. Open 1956.

Tel.: (420) 585 151 605, 585 151 600. E-mail: [info@zoo-olomouc.cz](mailto:info@zoo-olomouc.cz), [reditel@zoo-olomouc.cz](mailto:reditel@zoo-olomouc.cz). Web: [www.zoo-olomouc.cz](http://www.zoo-olomouc.cz). Director: Radomir Habáň. Deputy Director: Otilie Pernecka. Zoologist: Jitka Vokurkova. Vet: Lenka Chrastinova. 73 staff. 42.5 ha. Att. – 293,457. Mammals – 98 spp., 692 specimens; birds – 62 spp., 346 specimens; reptiles – 41 spp, 126 specimens; amphibians – 2 spp., 8 specimens; fishes – 111 spp. 277 specimens; invertebrates – 98 spp. Total: 412 spp., 1449 specimens +.

Speciality: breeding of ungulates, anteaters, marine aquariums  
UCSZ, EAZA, WAZA



**P R A G U E**  
**Prague Zoo**

Population – 1.320.000

17100 Praha 7, U Trojského Zámku 3/120. Czech Republic. Open 1931.

Tel.: (420) 296 112 230. Fax: (420) 233 556 704. E-mail: [pr@zoopraha.cz](mailto:pr@zoopraha.cz), [simek@zoopraha.cz](mailto:simek@zoopraha.cz). Web: [www.zoopraha.cz](http://www.zoopraha.cz). Director: Miroslav Bobek. Deputy Director, Zoo: Jaroslav Šimek. Vet: Roman Vodička. 307 staff. 57.8 ha. Att. – 851,623. Mammals – 164 spp., 1,087 specimens; birds – 298 spp., 1,921 specimens; reptiles – 135 spp., 1,073 specimens; amphibians – 9 spp., 238 specimens; fishes – 39 spp., 1,216 specimens; invertebrates – 39 spp. Total: 684 spp., 5,535 specimens+.

UCSZ, EAZA, WAZA, IZE, EEKMA

**P R A G U E**

Population – 1.320.000

**Nature Resource Network**

Politických vězňů 912/10 110 00, Praha 1. Czech Republic. Open 1997.

Tel: (420) 311 240 539, 734 619 014. E-mail: [martin@conservationfocused.com](mailto:martin@conservationfocused.com). Web: [www.conservationfocused.com](http://www.conservationfocused.com). Director: Martin Davey. Deputy Director: Milica Ekmescic. Vet: Bojana Bobio-Gavrilovic.



ZOO PARK  
VYŠKOV

Population – 24.000

## VYŠKOV

### Zoo Park Vyškov

Zoo Park Vyškov, Cukrovarská 424/9, 682 01 Vyškov. Czech Republic. Open 1965.  
Tel.: (420) 725 726 374. Fax: (420) 517-346-356. E-mail: [reditel@zoo.vyskov.cz](mailto:reditel@zoo.vyskov.cz),  
[zooark@zoo.vyskov.cz](mailto:zooark@zoo.vyskov.cz). Web: [www.zoo-vyskov.cz](http://www.zoo-vyskov.cz). Director: Dagmar Nepeřená.  
Zoologist assistant: Dana Hyláková. Vet: Ivo Hylák. 27 staff. 7 ha. Att. – 160,124.  
Mammals – 52 spp., 233 specimens; birds – 42 spp., 624 specimens; reptiles – 4 spp.,  
10 specimens; fishes – 16 spp., 216 specimens; invertebrates – 1 spp. Total: 115 spp.,  
1,083 specimens +.

Speciality: rare breeds of domestic animals.

UCSZ

## Denmark



## SKØRPING

### HMJ Design A/S

Population – 2.872

GL. Skorpingvej 156, Dk-9520 Skorping.

Tel.: mob. +45 407 111 49. E-mail: [mikkel@hmj-design.dk](mailto:mikkel@hmj-design.dk). Web: [www.hmj-design.com](http://www.hmj-design.com). Director: Henrik Jensen. International Sales Manager: Mikkel Ravn.

France**AMNEVILLE**

Population – 10.500

*Parc ZooLogique d' Amnéville*

1, rue du Tigre – 57360 Amneville Zoo. Open 1986.

Tel.: + 3338 770 74 31 (Michel Louis), + 3360 776 18 61 (Dr. Alexis Maillot). Fax: + 3338 770 41 45. E-mail: [michel.louis@zoo-amneville.com](mailto:michel.louis@zoo-amneville.com), [alexis@zoo-amneville.com](mailto:alexis@zoo-amneville.com). Web: [www.zoo-amneville.com](http://www.zoo-amneville.com). General Director: Mishel Lyuis. Curator of the collection: Remi Flachaire, Patrice Folb. Vet: Alexis Maillot. 102 staff. 18.5 ha. Att. – 442,817. Mammals – 83 spp., 388 specimens; birds – 108 spp., 566 specimens; reptiles – 61 spp., 285 specimens. Total: 252 spp., 1,239 specimens.

Estonia**TALLINN**

Population – 445.688

*Tallinn Zoological Gardens*

Tallinna Loomaaed, Ehitajate tee 150/ Paldiski mnt 145, 13522, Tallinn, Estonia.

Open 1939.

Tel.: (372) 694-33-00. Fax: (372) 657-89-90. E-mail: [zoo@tallinnzoo.ee](mailto:zoo@tallinnzoo.ee). Web: [www.tallinnzoo.ee](http://www.tallinnzoo.ee). Director: Tiit Maran. Head of zoological department: Tõnis Tasane. Head of department veterinarian: Rene Saimre. 215 staff. 0.89 ha. Att. – 310,993. Mammals – 77 spp., 770 specimens; birds – 86 spp., 389 specimens; reptiles – 35 spp., 101 specimens; amphibians – 13 spp., 364 specimens; fishes – 68 spp., 461 specimens; invertebrates – 83 spp. Total: 362 spp., 2,085 specimens.

Speciality: rare North Palearctic species.

EAZA, WAZA, AZA, VDZ

Israel

**גן החיות הלימודי חיפה**  
 ע"ש לואי אריאל גולדשמידט

**HAIFA**

Population – 250.000

***Haifa Educational Zoo***

Haifa, ul. Hatishbi, 124. Open 1947.

Tel.: 972 50 7482400 (director), 972 53 5797942 (member of the EAPA3A Alex Kantorovich), 972 4 8372886 (office). Fax: 972 4 8103599. E-mail: [haifazoo@ethos.co.il](mailto:haifazoo@ethos.co.il), [alexkant@netvision.net.il](mailto:alexkant@netvision.net.il). Web: [www.haifazoo.co.il](http://www.haifazoo.co.il). Director, Zoo: doctor Etti Ararat. Deputy Director: Daniel Abu-Hir. Curator, Collection: Aleksander Shani. 68 staff. 3,5 ha.

Speciality: Animals of Israel

WAZA, EAZA, IZA.

**No reply.****KIRYAT MOTZKIN**

Population – 47.834

***“Hai Park” Kiryat Motzkin***

2633761 Kiryat Motzkin, ul. Hashmonaim 79. Open 2002.

Tel.: (972 4) 874-74-45/8. Fax: (972 4) 874-77-91. E-mail: [haipark8@gmail.com](mailto:haipark8@gmail.com), [alexkant@netvision.net.il](mailto:alexkant@netvision.net.il). Web: [www.haypark.co.il](http://www.haypark.co.il). Director Parka: Oren Goldberg. Director, Zoo: Igal Fadida. Curator, Collection: Alex Kantorovich (Tel.: + 972 53 579 79 42). Vet: Radzha Ashmaui. 33 staff. 19.8 ha (exposition – 8 ha). Att. – 126,571. Mammals – 41 spp., 124 specimens; birds – 51 spp., 247 specimens; reptiles – 37 spp., 206 specimens. Total: 129 spp., 577 specimens.

Speciality: Callithridae

WAZA, EAZA, IZA



Kazakhstan**A L M A T Y**

Population – 1.800.000

**Almaty Zoo**

050007 Almaty, ul. Esenberlina, 166. Open 1937.

Tel.: + (727) 338-37-19. E-mail: [almaty.zoo@mail.com](mailto:almaty.zoo@mail.com). Web: [www.almatyzoо.kz](http://www.almatyzoо.kz).

Director: Seilkhan Or. Akilbekov. Deputy Director, Zoovet: Gulnara Kh. Amarova.

Vet: Agibai Zh. Azhibayev. 273 staff. 21.5 ha. Att. – 208,362. Mammals – 68 spp., 255 specimens; birds – 104 spp., 733 specimens; reptiles – 58 spp., 141 specimens; amphibians – 2 spp., 24 specimens; fishes – 136 spp., 2,248 specimens; invertebrates – 15 spp. Total: 383 spp., 3,301 specimens+.

Speciality: breeding of birds of prey.

WAZA, EAZA, SEAZA, IZE

**K A R A G A N D A**

Population – 497.777

**Karaganda Zoo**

100019 Karagandinskaya obl., Karaganda, ul. Ermekova, 111. Open 1938.

Tel.: (7212) 44-18-43. Tel./fax: (7212) 44-17-42. E-mail: [karzoo@mail.ru](mailto:karzoo@mail.ru). Director:

Gulnara Zh. Adambekova. Deputy Director: Erbol T. Baizhanov. Vet: Aitbek B.

Namazbaev. 92 staff. 43.5 ha (exposition – 12 ha). Att. – 21,346. Mammals – 54 spp.,

196 specimens; birds – 46 spp., 175 specimens; reptiles – 19 spp., 60 specimens;

amphibians – 3 spp., 5 specimens; fishes – 58 spp., 366 specimens; invertebrates – 4

spp. Total: 184 spp., 802 specimens+.

**N U R - S U L T A N**

Population – 1.136.069

**Oceanarium “Duman”**

010000 Astana, pr. Kurgalzhinskoe shosse, 2. TOO “Ailand Astana. Open 2003.

Tel.: +7 (7172) 24-22-22. E-mail: [info@ailand.kz](mailto:info@ailand.kz), [sel59@mail.ru](mailto:sel59@mail.ru). Web:[www.duman.kz](http://www.duman.kz). Director: Amantai Azimberov. Head, Aquarium: Lyubov V.

Selezneva (Tel: 8 701 456 97 59). Leading specialist: Daniyar Zh. Mynbaev (Tel:

8 702 615 22). 179 staff. 9,0 ha. Att. – 188,139. Total: 3,262 specimens. +

Speciality: Hydrobionts.



**SHYMKENT**

Population – 1.054.413

***Shymkent Zoo***

160000 Shymkent, ul. M.Kh. Dulati. Open 1980.

Tel.: (7252) 47-64-24. Tel./fax: (7252) 47-60-30. E-mail: [shymkent-zoopark@mail.ru](mailto:shymkent-zoopark@mail.ru). Web: [www.shymkentzoo.kz](http://www.shymkentzoo.kz). Director: Nurgazy B. Bukharbaev. Deputy Director: Nurzhan M. Zhylkeldiev, Zylfiya Sh. Ganieva. Vet: Elena Al. Budaragina. 138 staff. 29 ha. Att. – 116,740. Mammals – 65 spp., 209 specimens; birds – 72 spp., 335 specimens; reptiles – 32 spp., 62 specimens; amphibians – 3 spp., 6 specimens; fishes – 57 spp., 1,220 specimens; invertebrates – 5 spp. Total: 234 spp., 1,832 specimens.

Speciality: Ungulates.

Kyrgyzstan**КАРАКОЛ**

Population – 100.000

***Fond "BUGU-ENE"***

724318 s. Lebedinovka, prospect Pobedy, 117, 6. Open 1987.

Tel.: +996 559 93 42 39, +996 559 93 42 38. E-mail: [info@ak-sai.com](mailto:info@ak-sai.com). Fonds Prezident, Director Zoo: Saltanat Seitova. 145 staff. 8,7 ha (exposition – 3,5 ha).

***No reply.***

Moldova**K I S H I N E V**  
*Kishinev Zoo*

Population – 635.994

2072 Kishinev, bulvar Dachiya, 50/7. Open 1978.

Tel./Fax: (37322) 56-27-22. E-mail: [zookishinev@mail.ru](mailto:zookishinev@mail.ru), [zooarkmd@gmail.com](mailto:zooarkmd@gmail.com).

Web: [www.zoo.md](http://www.zoo.md), [www.zoopark.md](http://www.zoopark.md). Director: Aleksei P. Khantsatsuk. Deputy Director for Veterinary Services: Anna V. Shvedchenko. Vet: Yurii I. Panarin. 131 staff. 24.3 ha (exposition – 10 ha). Att. – 253,500. Mammals – 47 spp., 283 specimens; birds – 69 spp., 709 specimens; reptiles – 18 spp., 42 specimens; invertebrates – 4 spp. Total: 138 spp., 1,034 specimens+.

Poland**W A R S Z A W A**

Population – 1.790.000

*Warsawa Municipal Zoological Garden*

03 465 ul. Ratuszowa 1/3, Warszawa. Open 11.03.1928.

Tel: +48 (22) 619-69-09, 619-40-41. Fax: +48 (22) 619-58-98. E-mail:

[zoo@zoo.waw.pl](mailto:zoo@zoo.waw.pl). Web: [www.zoo.waw.pl](http://www.zoo.waw.pl). Director: Andrzej G. Kruszewicz([a.kruszewicz@zoo.waw.pl](mailto:a.kruszewicz@zoo.waw.pl)). Deputy Director: Katarzyna Myszkowska([k.myszkowska@zoo.waw.pl](mailto:k.myszkowska@zoo.waw.pl)). Vet: Agnieszka Czujkowska([a.cxujkowska@zoo.waw.pl](mailto:a.cxujkowska@zoo.waw.pl)), Aneta Gralak. 181 staff. 39.5 ha. Att. – 488,797.

Mammals – 64 spp., 316 specimens; birds – 199 spp., 821 specimens; reptiles – 68

spp., 185 specimens; amphibians – 20 spp., 271 specimens; fishes – 90 spp., 9,956

specimens; invertebrates – 121 spp. Total: 562 spp., 11,549 specimens +.

**LODZ**

Population – 719.000

**Lodz Zoo (Miejski Ogród Zoologiczny)**

Zarząd Zieleni Miejskiej, Miejski Ogród Zoologiczny, ul. Konstantynowska 8/10 94-303, Łódź, Poland. Open 1938.

Tel.: (4842) 632 75 79. Fax: (4842) 632 92 90. E-mail: [sekretariat@zoo.lodz.pl](mailto:sekretariat@zoo.lodz.pl). Web: [www.zoo.lodz.pl](http://www.zoo.lodz.pl). Director: Arkadiush Yaksa. Vice-director: Tomash Yuzvik. Curator: Barbara Wicińska. Vet: Izabela Puarkowska. 90 staff. 16.4 ha. Mammals – 65 spp., 220 specimens; birds – 70 spp., 224 specimens; reptiles – 44 spp., 117 specimens; amphibians – 20 spp., 407 specimens; fishes – 85 spp., 1,172 specimens; invertebrates – 26 spp. Total: 310 spp., 2,140 specimens+.

Speciality: fauna of the Asia.

EAZA, WAZA

Russia**АБАКАН**

Population – 186.797

**«Wildlife Centre», Abakan**

655004 Republic Khakassiya, Abakan, ul. Pushkina, 200. Open 1972.

Tel.: (3902) 35-50-43. Tel./fax: (3902) 28-53-71. E-mail: [abakanzoo@mail.ru](mailto:abakanzoo@mail.ru). Web: [www.abakanzoo.ru](http://www.abakanzoo.ru). Director: Andrei N. Kondrat'ev. Deputy Director: Aleksei P. Rychkov. Head of the Zoological Park Department: Anna G. Golubeva. Vet: Anna Al. Plotnikova. 56 staff. 5.9 ha. Att. – 77,885. Mammals – 55 spp., 122 specimens; birds – 42 spp., 232 specimens; reptiles – 16 spp., 32 specimens; amphibians – 1 spp., 6 specimens; fishes – 8 spp., 37 specimens; invertebrates – 1 spp. Total: 123 spp., 439 specimens+.

**АНАПА**

Population – 200.000

**Anapa Zoo «DoDo»**

353440 Krasnodarskii krai, Anapa, ul. Lenina, 195, pom. 24. Open 2007.

Tel.: (86133) 6-02-76. E-mail: [do-do2004@mail.ru](mailto:do-do2004@mail.ru). Web: [www.park-zoo.ru](http://www.park-zoo.ru). General Director: Lyudmila B. Kamaeva. Deputy Director: Natalya L. Belugina (+7 918 453 68 29). Vet: Dmitrii P. Glebov (+7 918 330 19 25). 27 staff. 10 ha. Att. – 28,620.

Mammals – 21 spp., 103 specimens; birds – 70 spp., 285 specimens; reptiles – 4 spp., 11 specimens. Total: 95 spp., 399 specimens.

Speciality: birds and small monkey.



## А Р К Х А Р А

Population – 8.500

*The Station of Reintroduction of Rare Species Birds of Khingan Reserve.*

676740 Amurskaya obl., Arkharinskii r-n, pos. Arkhara, per. Dorozhnyi, 6. Open 1988.

Tel./fax: (41648) 32-2-09, 7 963 810 52 98 (the engineer Zoo Nadezhda V. Kuznetsova). E-mail: [grus@khingan.ru](mailto:grus@khingan.ru), [office@khingan.ru](mailto:office@khingan.ru). Web: [www.khingan.ru](http://www.khingan.ru).

Director, Reserve: Viktor V. Kopylov. The Yeard of Station: Nadezhda V. Kuznetsova. 6 staff. Working base – 7,9 ha. Att. – 84. Birds – 9 spp., 35 specimens.

Speciality: breeding and reintroduction of rare species of cranes and breeding of rare species of birds of the Far East.



## Б Е Л Г О Р О Д

Population – 392.000

*Belgorod Zoo*

308009 Belgorod, ul. Volchanskaya, d. 292 Zh, kab. 1. Open 2016.

Tel.: (4722) 40-62-02, 40-62-03. E-mail: [info@belzooopark.ru](mailto:info@belzooopark.ru). Web: [www.belzooopark.ru](http://www.belzooopark.ru). Director: Denis. Al. Savelev. Deputy Director: Nikolai Yur. Belov. Vet: Aleksei V. Shakurov. 42 staff. 25 ha. Att. – 163,738. Mammals – 41 spp., 151 specimens; birds – 51 spp., 156 specimens; reptiles – 17 spp., 43 specimens. Total: 109 spp., 350 specimens.



## Б О Л Ш Е Р Е Ч ' Я Е

Population – 15.000

*Bolsherech'ye Zoo*

646670 Omskaya obl., Bolsherech'ye, ul. Sovetov, 67. Open 1986.

Tel.: (38169) 2-20-63, 8 991 431 54 03, 8 991 431 54 01. E-mail: [Belzoo@yandex.ru](mailto:Belzoo@yandex.ru), [zoooparkb@mail.ru](mailto:zoooparkb@mail.ru). Web: [www.Bolzoo.ru](http://www.Bolzoo.ru). Director: Yuliya V. Syretskaya. Deputy Director Zoovet: Evgenii Al. Mushakov. Vet: Yuliya V. Prokofeva. 68 staff. 9 ha. Att. – 55,456. Mammals – 60 spp., 148 specimens; birds – 65 spp., 574 specimens; reptiles – 20 spp., 37 specimens; amphibians – 1 spp., 1 specimens; fishes – 44 spp., 723 specimens. Total: 190 spp., 1,483 specimens.

Speciality: animals of Siberia and Far East.

**BRYKIN BOR**

Population – 300

***Oka Biosphere State Natural Reserve***

Breeding Station for Rare Species of Cranes (open 1979); Wisent Nursery (open 1959). Reserve (open 1935).

391072 Ryazanskaya obl., Spasskii r-n, p. Brykin Bor. Okskii Reserve.

Tel./fax: (49135) 7-22-74, tel. 7 915 614 20 50. E-mail: [tk.ocbc@mail.ru](mailto:tk.ocbc@mail.ru). Web:

[www.oksky-reserve.ru](http://www.oksky-reserve.ru). Director, Reserve: Yurii M. Markin. Curator, Wisent

Nursery: Ekaterina L. Tsibizova. Curator, Nursery of Cranes: Kirill Al. Postelnykh.

Vet: Maryana V. Tokunova. Staff: Wisent Nursery – 18, Nursery of Cranes – 202 ha

– Wisent Nursery, 50 ha – Nursery of Cranes. Att. – 5,000. Mammals – 1 spp., 46

specimens; birds – 8 spp., 67 specimens. Total: 9 spp., 113 specimens.

Speciality: breeding and introduction into the wild the rare species of cranes and wisents.

EAZA

**GELENDZHİK****“SAFARIPARK”**

Population – 77.212

353465 Federalnaya d

Tel.: (8617) 30-60-90. Факс. (8617) 12-00-00. E-mail: [safari-park@list.ru](mailto:safari-park@list.ru). Web:

[www.safari-park.ru](http://www.safari-park.ru). General Director: Irina Al. Burdina. Director Park: Nikolai Ol.

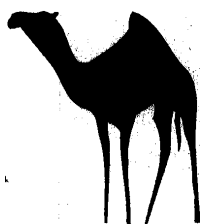
Mashinskii. Deputy Director Zoo: Elena D. Milovidova. Vet: Ivan Al. Moroz. 72

staff. 156.2 ha (exposition – 15.0 ha). Att. – 263,510. Mammals – 67 spp., 249

specimens; birds – 29 spp., 64 specimens; reptiles – 26 spp., 180 specimens;

amphibians – 5 spp., 12 specimens; invertebrates – 17 spp.. Total: 144 spp., 505

specimens.

**CHELYABINSK*****Chelyabinsk Zoo***

Population – 1.202.000

454080 Chelyabinsk, ul. Truda, 191. Open 1996.

Tel./fax: (351) 263-18-64. E-mail: [vetanimal@chelzoo.ru](mailto:vetanimal@chelzoo.ru), [zoo.vet2009@yandex.ru](mailto:zoo.vet2009@yandex.ru).

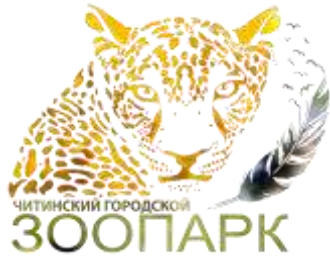
Web: [www.chelzoo.ru](http://www.chelzoo.ru). Director: Yurii A. Leonchik. Deputy Director: Rimma R.

Akhmadeeva. Vet: Alena V. Khusnullina. 131 staff. 30 ha (exposition – 7.0 ha). Att.

– 219,585. Mammals – 59 spp., 157 specimens; birds – 39 spp., 149 specimens;

reptiles – 23 spp., 61 specimens; amphibians – 4 sp., 21 specimens. Total: 125 spp.,

388 specimens.



**CHITA**  
**Chita Zoo**

Population – 339.453

672007 Zabaykalsky Krai, Chita, ul. Zhuravleva, 75. Open 1994.

Tel./fax: (3022) 35-95-98. E-mail: [zooparkchita@yandex.ru](mailto:zooparkchita@yandex.ru). Web: [www.zooparkchita.ru](http://www.zooparkchita.ru). Director: Vadim N. Kostenko. Deputy Director: Artur An. Shafikof. 60 staff. 7,129 m. sq.

**No reply.**



**EKATERINBURG**  
**Ekaterinburg Zoo**

Population – 1.500.000

620026 Ekaterinburg, ul. Mamina-Sibiryaka, 189. Open 1930.

Tel./fax: (343) 215-98-00. 215-98-04. Fax: (343) 215-98-00. E-mail: [mail@ekazoo.ru](mailto:mail@ekazoo.ru), [npo@ekazoo.ru](mailto:npo@ekazoo.ru), [pr@ekazoo.ru](mailto:pr@ekazoo.ru). Web: [www.ekazoo.ru](http://www.ekazoo.ru). Director: Svetlana S. Prilepina. Deputy Director, Collection: Pavel A. Grachev. Vet: Tatyana I. Kuandykova. 188 staff. 2.2 ha. Att. – 221,867. Mammals – 85 spp., 344 specimens; birds – 59 spp., 176 specimens; reptiles – 77 spp., 202 specimens; amphibians – 30 spp., 194 specimens; fishes – 20 spp., 41 specimens; invertebrates – 124 spp. Total: 395 spp., 997 specimens+.



**ELIZOVO**

Population – 64.000

**Elizovo Zoo named by A. Shevlyagin**

684000 Kamchatskii krai, Elizovo, ul. Lenina, 20. Open 1983.

Tel.: (41531) 7-16-99. Fax: (41531) 6-40-03. E-mail: [zooparkpk@yandex.ru](mailto:zooparkpk@yandex.ru). Web: [www.zooparkpk.ru](http://www.zooparkpk.ru). Director: Lyudmila M. Glukhova. Deputy Director: Ekaterina A. Buldaeva. 13 staff. 1.2 ha. Att. – 23,026. Mammals – 12 spp., 114 specimens; birds – 9 spp., 377 specimens; reptiles – 10 spp., 50 specimens; amphibians – 6 spp., 24 specimens; fishes – 6 spp., 292 specimens; invertebrates – 10 spp. Total: 53 spp., 857 specimens+.





**IVANOVO**  
*Ivanovo Zoo*

Population – 406.000

153003 Ivanovo, ul. Leningradskaya, 2-a. Open 1994.  
Tel.: (4932) 32-36-61, 32-36-66, 30-04-13. Tel./fax: (4932) 30-09-58. E-mail: [zooivanovo@mail.ru](mailto:zooivanovo@mail.ru). Web: [www.ivanovozoo.ru](http://www.ivanovozoo.ru), [www.zooivanovo.ru](http://www.zooivanovo.ru). Director: Arkadii V. Borzov. Deputy Director: Olga G. Vlasova. Deputy Director, Zoovet: Maksim E. Kozlov. Vet: Lyubov Yur. Kudryavtseva. 41 staff. 3,4 ha. Att. – 33,693. Mammals – 35 spp., 114 specimens; birds – 116 spp., 426 specimens; reptiles – 8 spp., 20 specimens; fishes – 3 spp., 7 specimens; invertebrates – 3 spp. Total: 165 spp., 567 specimens+.



**IZHEVSK**  
*Izhevsk Zoo*

Population – 630.000

426033 Udmurt Republic, Izhevsk, ul. Kirova, 8. Open 2008.  
Tel.: (3412) 59-81-81, 59-92-52. Tel./fax: (3412) 59-89-89. E-mail: [udmzoo\\_info@mail.ru](mailto:udmzoo_info@mail.ru), [udmzoovet@mail.ru](mailto:udmzoovet@mail.ru). Web: [www.udm-zoo.ru](http://www.udm-zoo.ru). Director: Svetlana A. Malysheva. Deputy Director, Zoovet: Natalya N. Godunova. Vet: Elena G. Morozova. 208 staff. 17.8 ha. Att. – 533,234. Mammals – 87 spp., 280 specimens; birds – 79 spp., 255 specimens; reptiles – 37 spp., 65 specimens; amphibians – 12 spp., 28 specimens; fishes – 8 spp., 33 specimens; invertebrates – 8 spp. Total: 231 spp., 661 specimens+.  
Speciality: breeding of carnivores.



**KALININGRAD**  
*Museum of the World Ocean*

Population – 482.443

236006 Kaliningrad, Embankment Petra Velikogo, 1. Open 1990.  
Tel.: (4012) 53-17-44, 34-02-44. E-mail: [trishkin.67@mail.ru](mailto:trishkin.67@mail.ru). Web: [www.world.ocean.ru](http://www.world.ocean.ru). General Director: Svetlana G. Sivkova. Depute Director: Larisa V. Zubina. Chief, Aquarium: Yurii N. Trishkin. 6 staff. 160,4 m. sq. Att. – 134,635. Fishes – 71 spp., 158 specimens.

**KALININGRAD**

Population – 489.359

***Kaliningrad Zoo***

236022 Kaliningrad, prospekt Mira, 26. Open 1896.

Tel.: (4012) 93-74-02, 93-74-66. Fax: (4012) 93-73-99. E-mail: [info@kldzoo.ru](mailto:info@kldzoo.ru), [director@kldzoo.ru](mailto:director@kldzoo.ru), [zoolog@kldzoo.ru](mailto:zoolog@kldzoo.ru). Web: [www.kldzoo.ru](http://www.kldzoo.ru). Director: Svetlana Yu. Sokolova. Deputy Director, Zoovet: Mariya V. Kozyakova. Vet: Alla V. Tykmakova. 109 staff. 16.4 ha. Att. – 503,054. Mammals – 55 spp., 222 specimens; birds – 84 spp., 435 specimens; reptiles – 30 spp., 67 specimens; amphibians – 7 spp., 23 specimens; fishes – 95 spp., 1,237 specimens; invertebrates – 15 spp. Total: 286 spp., 1,984 specimens+.

EAZA (candidate)


**КАЗАНСКИЙ  
ЗООБОТСАД**
**KAZAN**

Population – 1.251.391

***Kazan Zoo (Zoo-Botanical Garden)***

420059 Tatarstan, Kazan, ul. Khadi-Taktash, 112. Open 1806 (Botanical Garden).

Tel.: (843) 278-05-20. Tel./fax: (843) 278-05-30. E-mail: [kaz-zoo@mail.ru](mailto:kaz-zoo@mail.ru), [fanis1118@yandex.ru](mailto:fanis1118@yandex.ru), [al.malev@mail.ru](mailto:al.malev@mail.ru). Web: [www.kazzoobotsad.ru](http://www.kazzoobotsad.ru). Director: Fanis V. Nurmukhametov. Deputy Director, Zoovet: Aleksandr V. Malev. Vet: Anastasiya V. Balmakova. 123 staff. 13.7 ha. Att. – 314,067. Mammals – 39 spp., 159 specimens; birds – 40 spp., 195 specimens; reptiles – 28 spp., 78 specimens; fishes – 4 spp., 55 specimens; invertebrates – 4 spp. Total: 115 spp., 487 specimens+. Plants – 969 spp., 3,852 specimens.

Speciality: bears, birds of prey.

EAZA



**К Х А Б А Р О В С К**

Population – 616.372

**Zoological Garden “Priamurskii”**

680000 Khabarovsk, ul. Dzerzhinskogo, 36, of. 210. Open 2002.

Tel./fax: (4212) 32-45-40. E-mail: [zoosad2013@mail.ru](mailto:zoosad2013@mail.ru). Web: [www.zoosad27.ru](http://www.zoosad27.ru).

General Director: Aleksei Ol. Turkalov. Deputy Director: Elena An. Mirgorodskaya.

Vet: Anna A. Melnikova. 56 staff. 8.1 ha. Att. – 85,075. Mammals – 28 spp., 58 specimens; birds – 23 spp., 58 specimens. Total: 51 spp., 116 specimens.

Speciality: animals of Far East.

**К Х И М К И**

Population – 232.066

**“Amazoniya Zoo”**

141407 Moskvskaya oblast', g. Khimki, Nagornoe shosse, 2. Open 2009.

Tel.: (926) 858-38-34, (925) 162-97-99. E-mail: [kakadu77@mail.ru](mailto:kakadu77@mail.ru), [korolek17@mail.ru](mailto:korolek17@mail.ru). Director: Mariya A. Korolkova. Export-import Manager: Andrei Baranov. 5 staff. 0,4 ha. Mammals – 17 spp., 59 specimens; birds – 28 spp., 82 specimens; reptiles – 1 spp., 3 specimens. Total: 46 spp., 144 specimens.**К О Г А Л Ы М****Oceanarium “Akvatika:**

Population – 66.700

628486 Khanty-Mansiiskii AO – Yugra, Kogalym, ul. Druzhby Narodov, 60. Open 2016.

Tel.: (34667) 5-82-02, 5-82-06, 5-82-30. E-mail: [adm-skk@skk-galaxy.ru](mailto:adm-skk@skk-galaxy.ru), [priemnaya@skk-galaxy.ru](mailto:priemnaya@skk-galaxy.ru). Web: [www.skk-galaxy.ru](http://www.skk-galaxy.ru). General Director: Pavel An. Lyubenin. Managing the Complex: Andrei Al. Frolov. 125 staff. 8119,9 m.sq. Att. – 56,351. Birds – 13 spp., 31 specimens; reptiles – 2 spp., 6 specimens; fishes – 187 spp., 2,161 specimens; invertebrates – 23 spp. Total: 194 spp., 2,191 specimens +.

**K O M S O M O L S K - O N - A M U R*****Komsomolsk-on-Amur "Zoo Centre "Python"***

Population – 244.768

681016 Khabarovskii krai, Komsomolsk-on-Amur, ul. Ordzhonikidze, 9-a. Open 1990.

Tel.: (4217) 59-09-71. Fax: (4217) 55-35-28. E-mail: [zoopiton@yandex.ru](mailto:zoopiton@yandex.ru). Web: [www.zoopiton.ru](http://www.zoopiton.ru). Director: Irina A. Trifonova. Depute Director: Alersandr S. Dyachkov. Zoolog: Valentina V. Tereshko. Vet: Marina Iv. Sakhno. 34 staff. 1.9 ha. Att. – 65,150. Mammals – 51 spp., 106 specimens; birds – 27 spp., 81 specimens; reptiles – 31 spp., 55 specimens; amphibians – 4 spp., 5 specimens; invertebrates – 1 spp. Total: 114 spp., 247 specimens.

**K R A S N O Y A R S K**

Population – 1.093.771

***Krasnoyarsk park of Flora and Fauna "Roev Ruchey"***

660054 Krasnoyarsk, ul. Sverdlovskaya, 293. Open 2000.

Tel.: (391) 269-81-01. E-mail: [office@roev.ru](mailto:office@roev.ru), [krsvet@yandex.ru](mailto:krsvet@yandex.ru). Web: [www.roev.ru](http://www.roev.ru). Director: Andrei V. Gorban. Deputy Director, Zoovet: Aleksandr V. Pinchuk. Vet: Georgii Al. Belyanin. 252 staff. 68,8 ha. Att. – 632,410. Mammals – 98 spp., 320 specimens; birds – 125 spp., 708 specimens; reptiles – 110 spp., 365 specimens; amphibians – 26 spp., 176 specimens; fishes – 251 spp., 6,311 specimens; invertebrates – 93 spp. Total: 703 spp., 7,880 specimens+. Plants – 995 spp., 36 068 spp.

**L I P E T S K**

Population – 508.214

***Lipetsk Zoo***

398059 Lipetsk, ul. K. Marksa, 9. Open 1973.

Tel.: (4742) 77-85-70, 77-12-27, 23-53-89. Fax: (4742) 23-54-17. E-mail: [lipzoo@yandex.ru](mailto:lipzoo@yandex.ru), [mangusta@lipetsk.ru](mailto:mangusta@lipetsk.ru), [ludmilaryumina@yandex.ru](mailto:ludmilaryumina@yandex.ru). Web: [www.липецкийзоопарк.рф](http://www.липецкийзоопарк.рф), [www.zoo48.ru](http://www.zoo48.ru). Director: Aleksandr I. Osipov. Deputy Zoolog: Lyudmila Iv. Ryumina. Vet: Vladimir A. Aksenov. 66 staff. 3,9 ha. Att. – 196,406. Mammals – 63 spp., 185 specimens; birds – 58 spp., 441 specimens; reptiles – 38 spp., 45 specimens; amphibians – 7 spp., 7 specimens; fishes – 80 spp., 409 specimens; invertebrates – 23 spp. Total: 260 spp., 1,087 specimens+.

**M O S C O W**

Population – 12.692.466

***Aqua Logo engineering, Ltd***

117218, Moscow, ul. D. Ulyanova, d. 42, 5-a. Open 2013.

Tel./fax: (495) 775-31-78, 935 81 86. E-mail: [ale@aqualogo.ru](mailto:ale@aqualogo.ru), [office@aqualogo.ru](mailto:office@aqualogo.ru).

Web: [www.aqualogo-engineering.ru](http://www.aqualogo-engineering.ru). General Director: Aleksey L. Kazakevich. Head of the educational Department: Anna Yur. Logunovich. Staff – 85. Aquariums – 1100 m. sq. Reptiles – 64 spp., 637 specimens; amphibians – 8 spp., 75 specimens; fishes – 185 spp., 2,500 specimens; invertebrates – 107 spp. Total: 364 spp., 3,212 specimens. Speciality: breeding of aquarium and terrarium animals.

**M O S C O W**

Population – 12.692.466

***Moscow Zoo***

123242, Moscow, B. Gruzinskaya, 1. Open 1864.

Tel.: (499) 255-60-34. Fax: (495) 605-17-17.

E-mail: [a.akulova@moscowzoo.ru](mailto:a.akulova@moscowzoo.ru); [e.ipatova@moscowzoo.ru](mailto:e.ipatova@moscowzoo.ru).Web: [www.moscowzoo.ru](http://www.moscowzoo.ru).

General Director: Svetlana V. Akulova;

Tel.: (499) 252-04-02; 905 505 73 47. E-mail: [svetlana.akulova2@gmail.com](mailto:svetlana.akulova2@gmail.com).Tel.: (499) 252 35 22. [vvspitsin@mail.ru](mailto:vvspitsin@mail.ru)

Deputy General Zoological Director: Aleksei Yu. Suslov;

Tel.: (499) 255-95-48

Head of International Logistics Department: Nikita V. Khatuntsev;

Tel.: (499) 252-04-99

Head of the Methodology Department: Irina V. Afrina;

Tel.: (499) 255-63-64

Senior Veterinarian: Mikhail V. Alshinetsky;

Tel.: (499) 254 4943

Staff – 803. Zoo area – 21.3926 ha. Att. – 1,313,900.

***Moscow Zoo's Breeding Station***

143603 Pos. Sychovo, Volokolamsky Region, Moscow Area

Animal collection Manager: Gennadii Al. Andreev;

Tel.: (49636) 7 47 60

Total area of the Breeding Station – 198.3 ha.

Area of the subsidiary farm (Lotoshino village) – 51.3 ha.

Staff – 123.

***Zoo in the Motherland of Father Frost (Branch of the Moscow Zoo)***

162390 Vologodskaya oblast, Velykoustugsky region, village Lopatnikovo.

Director: Sergei S. Deksnar;

Tel.: (81738) 5-21-44 , 5-21-56

Deputy Director: Radomir I. Ostrovskii.

44 staff. 48,5 ha. Att. – 42,800.

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Mammals – 205 spp., 1,545 specimens; birds – 310 spp., 2,177 specimens+; reptiles – 294 spp., 1,656 specimens; amphibians – 58 spp., 345 specimens; fishes – 142 spp., 1,457 specimens; invertebrates – 241 spp. Total: 1,250 spp., 7,180 specimens+.

Speciality: breeding of rare carnivores, waterfowl birds and cranes, birds of prey, venomous snakes.

EAZA, WAZA, IZE

**M O S C O W**

Population – 12.692.466

**«Absolyut Strakhovanie»**

123290 Moscow, ul. Leninskaya sloboda, 26.

Tel.: (495) 987-18-38. E-mail: [info@absolutins.ru](mailto:info@absolutins.ru). Web: [www.absolutins.ru](http://www.absolutins.ru).

General Director: Dmitrii F. Rudenko.

**M O S C O W**

Population – 12.692.466

**«MosBio Engineering», LLC**

127055 Moscow, Butyrskii Val., 68. Open 2012.

Tel/fax: (499) 380-72-16. E-mail: [info@mosbio.ru](mailto:info@mosbio.ru). Web: [www.mosbio.ru](http://www.mosbio.ru). General

Director: Aleksei S. Kharitonov. 30 staff.

**M O S C O W**

Population – 12.692.466

**“Moskvarium”**

129223, Moscow, Prospect Mira, d. 119, str. 23. Open 2015.

Tel.: (499) 677-77-77. E-mail: [info@moskvarium.ru](mailto:info@moskvarium.ru). Web: [www.moskvarium.ru](http://www.moskvarium.ru).

Director: Kirill A. Bezuglov. Vet: Irina V. Suvorova. 593 staff. 53 000 m.sq. Att. – 600,000. Mammals – 7 spp., 27 specimens; reptiles – 5 spp., 11 specimens; fishes – 341 spp., 6,359 specimens; invertebrates – 187 spp. Total: 540 spp., 6,397 specimens+.

**N I Z H N I I N O V G O R O D*****Nizhnii Novgorod Zoo "Limpopo"***

Population – 1.300.000

603035 Nizhnii Novgorod, ul. Yaroshenko, 7-v. Open 2003.

Tel./fax: (831) 271-67-37. E-mail: [limpopozoo@mail.ru](mailto:limpopozoo@mail.ru). Web: [www.nnzoo.ru](http://www.nnzoo.ru).

General Director: Vladimir G. Gerasichkin. Deputy Director, Zoovet: Vasili P. Baldygin. 100 staff. 7.2 ha. Att. – 181,039. Mammals – 83 spp., 395 specimens; birds – 106 spp., 432 specimens; reptiles – 13 spp., 38 specimens; amphibians – 3 spp., 14 specimens; fishes – 18 spp., 164 specimens; invertebrates – 1 spp. Total: 224 spp., 1,043 specimens.

**N O V O S I B I R S K*****Novosibirsk Zoo named by Rostislava Aleksandrovicha Shilo***

Population – 1.500.000

630001 Novosibirsk-1, ul. Timiryazeva, 71/1. Open 1947.

Tel.: (383) 225-58-56. Tel/fax: (383) 220-97-79, 227-36-32. E-mail: [zoo-nsk@ngs.ru](mailto:zoo-nsk@ngs.ru),[info.zoo-nsk@ngs.ru](mailto:info.zoo-nsk@ngs.ru), [zoonovosib@gmail.com](mailto:zoonovosib@gmail.com). Web: [www.zoonovosib.ru](http://www.zoonovosib.ru). Director:

Andrei R. Shilo. Scientific Director: Olga V. Shilo. Vet: Svetlana N. Verkholtantseva.

300 staff. 65 ha. Att. – 738,400. Mammals – 190 spp., 2,587 specimens; birds – 188

spp., 1,325 specimens; reptiles – 50 spp., 259 specimens; amphibians – 9 spp., 92

specimens; fishes – 272 spp., 6,609 specimens; invertebrates – 84 spp. Total: 793

spp., 10,872 specimens+.

Speciality: cats, martens, grouses.

EAZA, WAZA

**O M S K*****Omsk Eco-Biological Centre***

Population – 1.154.507

644046 Omsk-46, ul. Marshala Zhukova, 109. Open 1992.

Tel.: (3812) 53-15-57. Tel./fax: (3812) 30-24-00. E-mail: [55zoopark@mail.ru](mailto:55zoopark@mail.ru),[gsitnikova81@gmail.com](mailto:gsitnikova81@gmail.com). Web: [www.55zoopark.ru](http://www.55zoopark.ru). Director: Galina V. Sitnikova.

Deputy Director: Aleksandr P. Stankovskii. Head, Children Zoo: Evgeniya N.

Kisteneva. Vet: Lyudmila An. Lendyasova. 72 staff. 3.5 ha. Att. – 31,978. Mammals

– 30 spp., 92 specimens; birds – 79 spp., 213 specimens; reptiles – 23 spp., 57

specimens; amphibians – 8 spp., 26 specimens; fishes – 40 spp., 307 specimens;

invertebrates – 8 spp. Total: 188 spp., 695 specimens+.



**P E N Z A*****Penza Zoo***

Population – 520.300

440026 Penza, ul. Krasnaya, 10. Open 1981.

Tel.: (8412) 99-08-44, 99-13-87. E-mail: [zoo@mail.ru](mailto:zoo@mail.ru), [zoopnz@mail.ru](mailto:zoopnz@mail.ru). Web: [www.zoo-penza.ru](http://www.zoo-penza.ru). Director: Andrei A. Voskresenskii Deputy Director for Zoovet: Andrei A. Solodkov. 89 staff. 9.8 ha. Att. – 207,383. Mammals – 72 spp., 457 specimens; birds – 110 spp., 918 specimens; reptiles – 9 spp., 28 specimens; fishes – 7 spp., 45 specimens; invertebrates – 6 spp. Total: 204 spp., 786 specimens+.

Speciality: breeding of bustards, parrots.

**P E R M*****Perm Zoo***

Population – 1.055.397

614000 Perm, ul. Monastyrskaya, 10. Open 1933.

Tel/fax: (342) 212-26-21. E-mail: [permzoovrema@mail.ru](mailto:permzoovrema@mail.ru), [shitova79@mail.ru](mailto:shitova79@mail.ru), [innavet1963@mail.ru](mailto:innavet1963@mail.ru). Web: [www.zoo.perm.ru](http://www.zoo.perm.ru). Director: Yuliya An. Shitova. Deputy Director for Zoovet: Inna Yu. Malysheva. Vet: Elena M. Bessonova. 84 staff. 1.76 ha. Att. – 97,782. Mammals – 64 spp., 524 specimens; birds – 78 spp., 456 specimens; reptiles – 27 spp., 84 specimens; fishes – 125 spp., 2 054 specimens; invertebrates – 6 spp. Total: 300 spp., 2,024 specimens +.

**S A M A R A*****Samara Zoo***

Population – 1.156.644

443068 Samara, prospekt Kirova, 349. Open 1992.

Tel.: (846) 334-11-28, 334-11-32, 926-11-27. E-mail: [zoopark160192@mail.ru](mailto:zoopark160192@mail.ru), [SamaraZoo92@yandex.ru](mailto:SamaraZoo92@yandex.ru). Web: [www.samarazoo.ru](http://www.samarazoo.ru). Director: Oleg V. Sheptalov. Deputy Director, Zoovet: Aleksandr E. Kuzovenko. Vet: Ekaterina S. Latina. 78 staff. 0.8 ha (A nursery with a Safari Park – 55,2). Att. – 65,545. Mammals – 38 spp., 46 specimens; birds – 45 spp., 152 specimens; reptiles – 56 spp., 83 specimens; amphibians – 4 spp., 7 specimens; fishes – 80 spp., 260 specimens; invertebrates – 10 spp. Total: 233 spp., 548 specimens +.

**S T. P E T E R S B U R G**

Population – 5.388.759

**Joint-stock company “Rubin”**

191119 St. Petersburg, ul. Marata, 86. Open 2006.

Tel.: (812) 320-26-40. Fax: (812) 320-26-41 (reception of the General Director).

(812) 448-02-60. Fax: (812) 572-44-40 (Director of the Aquarium). E-mail:

[office@planeta-neptun.ru](mailto:office@planeta-neptun.ru). Web: [www.planeta-neptun.ru](http://www.planeta-neptun.ru), [www.океанариум.рф](http://www.океанариум.рф).

General Director: Sergei G. Safonov. Deputy Director: Ilya B. Karonik.

Ichthyologist: Oleg N. Yunchis. Vet: Alina Al. Petrova. 310 staff. 5.000 m. sq. Att. –

257,101. Mammals – 2 spp., 11 specimens; reptiles – 8 spp., 12 specimens;

amphibians – 6 spp., 28 specimens; fishes – 113 spp., 1,673 specimens; invertebrates

– 61 spp. Total: 190 spp. 1,724 specimens +.

Speciality: Maintenance and breeding of hydrobionts.

**S T. P E T E R S B U R G**

Population – 5.388.759

**Leningrad Zoo**

197198 St. Petersburg, Aleksandrovskii park, 1. Open 1865.

Tel.: (812) 232-82-60. Fax: (812) 232-82-50. E-mail: [director@spbzoo.ru](mailto:director@spbzoo.ru),[info@spbzoo.ru](mailto:info@spbzoo.ru). Web: [www.spbzoo.ru](http://www.spbzoo.ru). Director: Irina S. Skiba. Deputy Director:

Aleksandr N. Solov'ev. Zoolog: Olga V. Volkova. Vet: Elena V. Sysoeva. 209 staff.

7.3 ha. Att. – 387,403. Mammals – 90 spp., 499 specimens; birds – 117 spp., 556

specimens; reptiles – 81 spp., 252 specimens; amphibians – 28 spp., 120 specimens;

fishes – 254 spp., 2,830 specimens; invertebrates – 324 spp. Total: 894 spp., 4,257

specimens+.

EAZA

**S A R A N S K**

Population – 320.612

**Saransk Zoo**

430004 Mordoviya, Saransk, ul. Pervomaiskaya, 6. Open 2001.

Tel.: (8342) 47-18-84. Tel./fax: (8342) 47-93-81. E-mail: [zooarksaranska@mail.ru](mailto:zooarksaranska@mail.ru).Web: [www.zoo13.ru](http://www.zoo13.ru). Director: Olga Vl. Vilyaikina. Deputy Director for production:

Valentin N. Kanaikin. Zoolog: Veronika An. Rachkova. Vet: Elena S. Yakutina. 35

staff. 1.8 ha. Att. – 29,987. Mammals – 36 spp., 128 specimens; birds – 41 spp., 290

specimens; reptiles – 3 spp., 47 specimens. Total: 79 spp., 465 specimens.

**SEVERSK****Seversk Wildlife Park**

Population – 106.516

636035 Tomskaya obl., Seversk, pr. Kommunisticheskii, 45-a. Open 1967.

Tel.: (3823) 54-31-40. Tel./fax: (3823) 54-33-92. E-mail: [park-seversk@mail.ru](mailto:park-seversk@mail.ru), [severskzoo@mail.ru](mailto:severskzoo@mail.ru). Web: [www.park-seversk.ru](http://www.park-seversk.ru), [www.zoo-seversk.ru](http://www.zoo-seversk.ru). Director: Evgenii I. Taldonov. Head, Zoovet Department: Svetlana V. Mishina. Vet: Olga N. Ivanova. 116 staff. 23.15 ha (zoo – 1,2 ha). Att. – 86,822. Mammals – 55 spp., 132 specimens; birds – 58 spp., 138 specimens; reptiles – 31 spp., 83 specimens; fishes – 46 spp., 1,162 specimens; invertebrates – 7 spp. Total: 197 spp., 1,515 specimens+. Speciality: animals of Siberia and Far East.

**SHAKHTY****Yuzhnyi park Malinki**

Population – 235.492

346504 Rostovskaya obl., g. Shakhty, ul. Mayakovskogo, 60-5. Open 2016.

Tel.: (800) 555-37-08, (906) 733 23 78. E-mail: [park@malinkibirds.ru](mailto:park@malinkibirds.ru). Web: [www.malinkibirdspark.ru](http://www.malinkibirdspark.ru). Executive Director: Sergei Al. Morozov. Deputy Director, Curator of the collection: Alena Al. Lavrenteva. Vet: Marina V. Pilipenko. 22 staff. 28 ha. Att. – 78,259. Mammals – 29 spp. 2,053 specimens; birds – 232 spp., 1,879 specimens. Total: 261 spp., 3,932 specimens.

**SMOLENSK****Smolensk Zoo**

Population – 325.495

214018 Smolensk, ul. Pamfilova, 3-b. Open 2001.

Tel.: (4812) 52-36-80. Tel./fax: (4812) 55-21-96. E-mail: [zoosmol@yandex.ru](mailto:zoosmol@yandex.ru). Web: [www.smolzoo.ru](http://www.smolzoo.ru). Director: Aleksei Iv. Zazykin. Deputy Director: Tatyana V. Shulga. 18 staff. 226 m. sq. Att. – 4,526. Mammals – 13 sp., 34 specimens; birds – 7 spp., 17 specimens; reptiles – 15 spp., 28 specimens; amphibians – 2 sp., 5 specimens; fishes – 8 spp., 75 specimens; invertebrates – 6 spp. Total: 51 spp., 159 specimens+.



**SOCHI**

Population – 440.000

***Sochi Aquarium***

354024 Krasnodarskii krai, Sochi, Alley Cheltenkhema, 4. Open 2005.

Tel./fax: (8622) 67-72-26. E-mail: [zsochi@gmail.com](mailto:zsochi@gmail.com). Web: [www.aquazoosochi.ru](http://www.aquazoosochi.ru).

Director: Sergei M. Zraychikov. Deputy Director: Zhanna A. Zazina. 21 staff. 1.200 m. sq. Att. – 25,000. Mammals – 5 spp., 7 specimens; birds – 1 spp., 5 specimens; reptiles – 5 spp., 18 specimens; fishes – 57 spp., 285 specimens; invertebrates – 17 spp. Total: 68 spp., 315 specimens+.

**STARYI OSKOL**

Population – 350.000

***Staryi Oskol Zoo***

309541 Belgorodskaya obl., Starooskolskii r-n, khutor Chumaki, per. Zolotoi fazan, 2-a. Open 2008.

Tel.: (4725) 47-32-00. Tel./fax: (4725) 47-32-99. E-mail: [fazan@fazanov.net](mailto:fazan@fazanov.net). Web: [www.oskol-zoo.ru](http://www.oskol-zoo.ru). Director: Sergei N. Razdobudko. Deputy Director: Lidiya V. Razdobudko. Deputy Director, Zoovet: Pavel V. Didenko. 45 staff. 18.5 ha (exposition – 9 ha). Att. – 62,300. Mammals – 37 spp., 137 specimens; birds – 27 spp., 279 specimens; reptiles – 10 spp., 14 specimens. Total: 74 spp., 430 specimens.**STAVROPOL**

Population – 419.800

***Stavropol Zooexotarium***

355035 Stavropol, Komsomolskaya ul., 113. Open 1998.

Tel./fax: (865) 226-33-64. E-mail: [zoostv@mail.ru](mailto:zoostv@mail.ru), [zoostv.fin@mail.ru](mailto:zoostv.fin@mail.ru). Web: [www.zoostav.ru](http://www.zoostav.ru). Director: Evgenii N. Trutnev. Deputy Director: Svetlana Yu. Trutneva. Deputy Director, Zoovet: Sergei F. Verevkin. 28 staff. 299.4 m. sq. Att. – 55,095. Mammals – 38 spp., 119 specimens; birds – 23 spp., 50 specimens; reptiles – 34 spp., 51 specimens; amphibians – 1 spp., 2 specimens; fishes – 25 spp., 121 specimens; invertebrates – 13 spp. Total: 134 spp., 343 specimens+.

Speciality: breeding and conservation of rare species of reptiles.

**STAVROPOL**

Population – 419.800

**“Zoopark”**

355037 Stavropol, Shpakovskaya, 111. Open 2011.

Tel.: (8652) 77-00-77. E-mail: [tat12014@yandex.ru](mailto:tat12014@yandex.ru). Managing: Aleksandr Al. Mironenko. Deputy Managing: Aleksandr Iv. Eskov. Vet: Vladimir An. Grabik. 20 staff. 4 000 m. sq.

**No reply.****SURGUT**

Population – 458.500

**Surgut Zoo**

628403 Tyumenskaya obl., KHMAO-Yugra, Surgut, proezd Druzhby, 7. Open 1980. Tel./fax: (3462) 37-59-17. E-mail: [surgut\\_zoo@mail.ru](mailto:surgut_zoo@mail.ru). Director Ecological-biological Center: Olga L. Zorina. Head, Mini-zoopark: Aleksandr M. Prokofiev. Vet: Natalya S. Shemyakina. 16 staff. 3 ha. Att. – 5,610. Mammals – 36 spp., 201 specimens; birds – 58 spp., 222 specimens; reptiles – 18 spp., 38 specimens; amphibians – 7 spp., 13 specimens; fishes – 62 spp., 591 specimens; invertebrates – 19 spp. Total: 200 spp., 1,065 specimens +.

Speciality: animals of Siberia.

**TULA**

Population – 536.064

**Tula Exzotarium**

300002 Tula, ul. Oktyabrskaya, 26. Open 1987.

Tel./fax: old building (ul. Oktyabrskaya, 26) – 4872 34-40-33. Tel.: new building (Tsentralnyi park kultury i otdykha) – 4872 7-33-21, 77-01-18 (common). E-mail: [ekzotarium@tularegion.ru](mailto:ekzotarium@tularegion.ru), Web: [www.tulazoo.ru](http://www.tulazoo.ru). Director: Tatyana S. Moiseeva. Deputy Director, Zoo: Svetlana Al. Kovalchuk. Scientific Secretary: Svetlana P. Popovskaya. Head of the Zoological Department: Ilya S. Korshunov. 76 staff. 1,980 m. sq. Att. – 80,805. Mammals – 30 spp., 129 specimens; birds – 20 spp., 89 specimens; reptiles – 158 spp., 1,295 specimens; amphibians – 29 spp., 145 specimens; fishes – 21 spp., 556 specimens; invertebrates – 20 spp. Total: 278 spp., 2,214 specimens+.

Speciality: amphibians and reptiles of South-East Asia.

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Воронежский  
ОКЕАНАРИУМ

Population – 1.000.000

**VORONEZH**

***Voronezh Oceanarium***

396005 Voronezhskaya obl., Ramonskii raion, p. Solnechnyi, ul. Parkovaya, 3. Open 2011.

Tel.: (473) 228-03-18. E-mail: [oceanarium@vrndk.ru](mailto:oceanarium@vrndk.ru), [butsayvi@tur-36.ru](mailto:butsayvi@tur-36.ru), [zaryanovsky@tur-36.ru](mailto:zaryanovsky@tur-36.ru), Web: [www.oceanarium-vrn.ru](http://www.oceanarium-vrn.ru). Director: Stanislav Yu. Zaryanov. Head Director Zoovet: Vyacheslav I. Butsai. Vet: Oksana S. Lyamzina. 55 staff. 4,400 m. sq. Att. – 135,300. Mammals – 24 spp., 60 specimens; birds – 5 spp., 17 specimens; reptiles – 29 spp., 57 specimens; amphibians – 7 spp., 19 specimens; fishes – 285 spp., 2 494 specimens; invertebrates – 45 spp. Total: 395 spp., 2,647 specimens+.

Speciality: sea animal.



ВОРОНЕЖСКИЙ  
**ЗООПАРК**  
имени А.С.Попова

Population – 1.000.000

**VORONEZH**

***Voronezh Zoo***

394029 Voronezh, ul. P. Osipenko, 6-a. Open 1994.

Voronezh Zoo's Breeding Station "Chervlenyi Yar", 394093 Voronezh, ul. Smorodinovaya, 2-d.

Tel.: (473) 262-27-64, 239-47-93. Tel./fax: (473) 249-91-70. E-mail: [vrnzoosad@mail.ru](mailto:vrnzoosad@mail.ru). Web: [www.zooparkvrn.ru](http://www.zooparkvrn.ru). Director: Andrei G. Shestopalov. Deputy Director, Zoovet: Inna G. Subbotina. Vet: Aleksandr An. Inyutin. 104 staff. 7.1 ha. (+ nursery zoo 23,8 ha). Att. – 172,825. Mammals – 38 spp., 94 specimens; birds – 34 spp., 133 specimens; reptiles – 19 spp., 56 specimens; amphibians – 1 spp., 1 specimens; fishes – 37 spp., 164 specimens; invertebrates – 21 spp. Total: 150 spp., 448 specimens+.

**YAKUTSK**

Population – 300.000

***Yakutsk Zoo***

677005 Republic Sakha, Yakutsk, ul. Kulakovskogo, 28, of. 511. Open 2001.

Tel.: (914) 270-63-56. Tel./fax: (4112) 22-52-59. E-mail: [ykt-zoo@mail.ru](mailto:ykt-zoo@mail.ru). Web: [www.zoo.ykt.ru](http://www.zoo.ykt.ru). Director: Luka N. Safonov. Deputy Director: Irina V. Alekseeva. Vet: Semen Iv. Sannikov. 29 staff. 87,5 ha. Att. – 60,000. Mammals – 34 spp., 93 specimens; birds – 38 spp., 184 specimens; reptiles – 48 spp., 83 specimens; amphibians – 26 spp., 49 specimens; fishes – 5 spp., 14 specimens; invertebrates – 24 spp. Total: 175 spp., 423 specimens +.

Speciality: fauna of Siberia and the Far East

**YAROSLAVL**

Population – 608.353

***Yaroslavl Zoo***

Ярославский зоопарк

150007 Yaroslavl, ul. Shevelyukha, 137. Open 2008.

Tel.: (4852) 71-01-91. Fax: (4852) 71-01-50. E-mail: [info@yaroslavlzoo.ru](mailto:info@yaroslavlzoo.ru). Web: [www.yaroslavlzoo.ru](http://www.yaroslavlzoo.ru). Director: Teimuraz K. Baratashvili. Deputy Director: Elena N. Pushkova. Zoolog: Aleksei D. Ivanov. Vet: Oksana N. Sokolova. 156 staff. 123 ha (exposition – 58 ha). Att. – 227,827. Mammals – 92 spp., 461 specimens; birds – 150 spp., 596 specimens; reptiles – 50 spp., 101 specimens, amphibians – 10 spp., 36 specimens; fishes – 70 spp., 569 specimens; invertebrates – 52 spp. Total: 424 spp., 1,763 specimens+.

Speciality: animals of Central Russia

**YUZHNO-SAKHALINSK**

Population – 198.973

***Sakhalin Zoological-Botanical Park***

693001 Sakhalin obl., Yuzhno-Sakhalinsk, ul. Detskaya, 4-a. Open 1993.

Tel.: (4242) 50-58-29. Tel./fax: (4242) 72-45-09. E-mail: [zoo@sakhalinzoo.ru](mailto:zoo@sakhalinzoo.ru); [priemnaya@sakhalinzoo.ru](mailto:priemnaya@sakhalinzoo.ru). Web: [www.sakhalinzoo.ru](http://www.sakhalinzoo.ru). Director: Stepan M. Sergeev. Head of the zooveterinary Department: Irina L. Chukhnina. Head of the veterinary and quarantine sector: Andrei V. Zaitsev. 93 staff. 8.11 ha. Att. – 144,667. Mammals – 50 spp., 165 specimens; birds – 50 spp., 177 specimens; reptiles – 42 spp., 86 specimens; amphibians – 14 spp., 59 specimens; fishes – 79 spp., 678 specimens, invertebrates – 20 spp. Total: 255 spp., 1,165 specimens+.

Speciality: Sakhalin fauna and flora.

**Z E L E N O G O R S K*****Zelenogorsk “Natural Zoological Park”***

Population – 60.000

663690 Krasnoyarskii krai, Zelenogorsk, ul. Karyernaya, 5. Open 1979.

Tel.: (39169) 3-62-56. Tel./fax: (39169) 3-81-73. E-mail: [zoo.zgr@mail.ru](mailto:zoo.zgr@mail.ru), [samitina14@yandex.ru](mailto:samitina14@yandex.ru). Director: Lyubov V. Moiseeva. Deputy Director: Evgeniya N. Gubanova. Vet: Lidiya Iv. Zanoz. 19 staff. 6.9 ha. Att. – 10,422. Mammals – 46 spp., 101 specimens; birds – 32 spp., 234 specimens; reptiles – 1 spp., 3 specimens; invertebrates – 2 spp. Total: 81 spp., 338 specimens+.

**Z H E L E Z N O G O R S K*****Zheleznogorsk Zoo***

Population – 95.057

662971 Krasnoyarskii krai, Zheleznogorsk, ul. Parkovaya, 9, Post Box 44. Open 1966.

Tel.: (391) 75-36-04, 75-44-59. Tel./fax: (391) 75-65-84. E-mail: [zookirovpark@mail.ru](mailto:zookirovpark@mail.ru). Web: [www.kirovpark.ru](http://www.kirovpark.ru). Director: Irina Al. Kislova. Head, Zoo: Sofiya Ol. Bakhareva. Vet: Andrei P. Semenov. 10 staff. 3.622 m. sq. Att. – 38,269. Mammals – 30 spp., 120 specimens; birds – 30 spp., 108 specimens; reptiles – 6 spp., 13 specimens. Total: 66 spp., 241 specimens.

Romania**BRASOV**

Population – 289.360

*Grădina Zoologică Braşov*

Romania, Braşov, str. Brazilor nr. 1, jud. Braşov, 500313. Open 1960.

Tel./fax: (40) 268-337-787. E-mail: [gradinazoobv@yahoo.com](mailto:gradinazoobv@yahoo.com). Web: [www.zoobrasov.ro](http://www.zoobrasov.ro). Director: Alin. Pynzaru. General curator: Gabriel Rois. Vet: Ion Brumar. 37 staff. 9,6 ha. Att. – 169,587. Mammals – 28 spp., 175 specimens; birds – 26 spp., 76 specimens; reptiles – 11 spp., 15 specimens; fishes – 48 spp., 264 specimens, invertebrates – 9 spp. Total: 122 spp., 530 specimens +. FGZAR, EAZA.

Slovak Republic**BRATISLAVA**

Population – 450.000

*Zoo Bratislava*

Zoologická Záhrada Bratislava, Mlynská dolina 1A, 842 27 Bratislava 4. Slovak Republic. Open 1960.

Tel.: (00421) 02/60-102-121, 02/60 102 111; 0907 288 036 – director. E-mail: [julia.hanuliakova@zoobratislava.sk](mailto:julia.hanuliakova@zoobratislava.sk), [zoo@zoobratislava.sk](mailto:zoo@zoobratislava.sk). Web: [www.zoobratislava.sk](http://www.zoobratislava.sk). Director: Hanuliakova Julia. Deputy Director: Yarmila Vidova. Head of the Zoological Department, Deputy Director: Silvia Pirozhkova. Vet: Susana Bartova, Andrei Barta. 70 staff. 96 ha. Att. – 252,565. Mammals – 66 spp., 348 specimens; birds – 34 spp., 153 specimens; reptiles – 19 spp., 41 specimens; fishes – 20 spp., 90 specimens, invertebrates – 12 spp. Total: 151 spp., 632 specimens +. UCSZ, EAZA, IZE.





**K O S I C E**  
**Košice Zoo**

Population – 250.000

Ulica k Zoologickej zahrade 1, 040 01. Slovakia. Open 1979.

Tel.: (421) 557-968-022. Fax: (421) 557-968-024. E-mail: [zoo@zookosice.sk](mailto:zoo@zookosice.sk), [kocner@zookosice.sk](mailto:kocner@zookosice.sk). Web: [www.zookosice.sk](http://www.zookosice.sk). Director: Erich Kočner. Zoologist: Patrik Pastorek. Vet: Juraj Skalický. 65 staff. 289,5 ha. Att. – 218,528. Mammals – 65 spp., 308 specimens; birds – 110 spp., 472 specimens; reptiles – 39 spp., 108 specimens, amphibians – 10 spp., 52 specimens; fishes – 44 spp., 275 specimens; invertebrates – 52 spp. Total: 320 spp., 1,215 specimens+. Speciality: Eurasian fauna, wild and domestic ungulates. UCSZ, IZE



**S P I Š Š K Á N O V Á V E S**

Spišská Nová Ves

Population – 35.982

*Zoological Garden Spišská Nová Ves*

Zoologická Záhrada Spišská, Sadová 6, 052 01 Spišská Nová Ves. Slovakia. Open 1989.

Tel.: (00421) 907-102-720. Tel./Fax: (00421) 534-462-631. E-mail: [zoosnv@zoosnv.sk](mailto:zoosnv@zoosnv.sk). Web: [www.zoosnv.sk](http://www.zoosnv.sk). Director: Jana Dzurikova. Deputy Director, Zoologist: Karol Dzurik. Vet: Albert Martinko. 13 staff. 8,0 ha. Att. – 116,010. Mammals – 44 spp., 126 specimens; birds – 32 spp., 140 specimens; reptiles – 16 spp., 36 specimens; amphibians – 1 spp., 7 specimens; fishes – 24 spp., 116 specimens, invertebrates – 10 spp. Total: 127 spp., 425 specimens. UCSZ

Tadjikistan**D U S H A N B E*****Dushanbe Zoo***

Population – 1.500.000

734021 Dushanbe, pr. Ismoili Somoni, 26. Open 1960.

Tel.: (99237) 236-67-33. Tel./fax: (99237) 236-75-77. E-mail:

[Dushanbe.zoopark@gmail.com](mailto:Dushanbe.zoopark@gmail.com). Director: Maruf M. Toshev (tel.: (992) 918 679 590.

Deputy Director: Saidkhudzha Safarov. Scientific Director: Elena V. Kim. Vet:

Dilshod Azizov. 50 staff. 5 ha. Att. – 725,100. Mammals – 37 spp., 92 specimens;

birds – 39 spp., 186 specimens; reptiles – 11 spp., 46 specimens; fishes – 32 spp., 545

specimens. Total: 119 spp., 869 specimens.

Ukraine**A S K A N I Y A - N O V A**

Population – 3.141

***Biosphere Reserve “Askaniya-Nova” named by F.E. Falz-Fein UAAS***

75230 Khersonskaya obl., Chaplinskii r-n, pgt Askaniya-Nova, ul. Parkovaya, 15. Open 1885.

Tel.: (3805538) 6-14-75. Fax: (3805538) 6-12-32, 6-12-86. E-mail:

[askania.zap@gmail.ru](mailto:askania.zap@gmail.ru). Web: [www.askania-nova-zapovidnik.gov.ua](http://www.askania-nova-zapovidnik.gov.ua). Director,

Reserve: Viktor S. Gavrilenko. Scientific Director: Natalya I. Yasinetskaya. Curator,

Dept. Biodiversity of Wild Animals Conservation: Aleksandr S. Mezinov. Vet: Igor

P. Vikol. 252 staff. Reserve – 2 376.4 ha. Zoopark – 76.44 ha. Att. – 97.538.

Mammals – 36 spp., 1,458 specimens; birds – 52 spp., 1,929 specimens. Total: 88

spp., 3,387 specimens.

Speciality: birds, ungulates.

UAZA



**BERDYANSK****Zoopark "Safari"**

Population – 113.000

71100 Zaporozhskaya obl., Berdyansk, prospect Truda, 1-e. Berdyansk Zoo. Open 2004.

71100 Zaporozhskaya obl., Berdyansk, Zhemchuzhnaya st., 5. Zoopark "Safari". Open 2009.

Tel.: +38 (067) 613 90 49 – Director, +38 (067) 595 16 00 – telephone for information. E-mail: [zoo\\_park\\_berdyansk@ukr.net](mailto:zoo_park_berdyansk@ukr.net). Web: [www.azovzoo.com](http://www.azovzoo.com).

Director: Igor L. Kalchenko. Deputy Director: Natalya An. Kalchenko. Vet: Konstantin N. Baranov. 40 staff. 9.7 ha (exposition – 3 ha). Att. – 89,100. Mammals – 52 spp., 377 specimens; birds – 41 spp., 707 specimens; reptiles – 21 spp., 37 specimens, fishes – 4 spp., 511 specimens; invertebrates – 2 spp. Total: 121 spp., 1,633 specimens +.

Speciality: breeding of predatory mammals

UAZA

**К H A R K O V****Kharkov Zoo**

Population – 1.453.541

61058 Kharkov, Sumska ul., 35. Open 1895.

Tel.: (38057) 759-12-28, 759-12-08, 705-44-85. Tel./fax: (38057) 705-44-90.

E-mail: [kharkovzoo2010@gmail.com](mailto:kharkovzoo2010@gmail.com). Web: [www.zoo.kharkov.ua](http://www.zoo.kharkov.ua). Director: Andrei Poschupkin. Deputy, Zoologist: Oleg V. Grischenko. Scientific Director: Aleksandra F. Tsekhanskaya. Vet: Igor V. Bondarenko. 202 staff. 22 ha.

EEKMA, EAWAZA, UAZA

**No reply.**



**К H A R K O V**  
**Feldman Eco-Park**

Population – 1.453.541

61058 Kharkov region, Derhachovskyi district. Village Lesnoe, Kiev highway, 12.  
Tel.: (38050) 824-81-40, (38093) 203-34-62, (38099) 685-91-79. E-mail: [vitaliizooclub@gmail.com](mailto:vitaliizooclub@gmail.com), [agapchenko@rambler.ru](mailto:agapchenko@rambler.ru), [ecoparkzoo@gmail.com](mailto:ecoparkzoo@gmail.com), [galina.pechayko@gmail.com](mailto:galina.pechayko@gmail.com). Web: [www.feldman-exopark.com](http://www.feldman-exopark.com), [www.wofarr.com](http://www.wofarr.com), [www.bat-kharkov.in.ua](http://www.bat-kharkov.in.ua). Director: Vitalii V. Ilchenko. Deputy Director, Zoovet: Valeriya An. Ivaschenko. Head of the Scientific and Educational Department: Andrei V. Gapchenko. Vet. Andrei Ig. Moskovoi. 167 staff. 140 ha (30 ha – Regional Natural Park). Mammals – 121 spp., 641 specimens; birds – 136 spp., 1,052+ specimens; reptiles – 14 spp., 156 specimens. Total: 271 spp., 1,849 specimens+.



**К I E V**  
**Kiev Zoo**

Population – 2.927.227

Kiev Zoo, prospekt Peremohy, 32. Kiev 03055. Open 1908.  
Tel.: (38044) 277-47-69, 277-47-54, 277-47-51. Tel./fax: (38044) 277-47-63.  
E-mail: [office@zoo.kiev.ua](mailto:office@zoo.kiev.ua). Web: [www.zoo.kiev.ua](http://www.zoo.kiev.ua).

UAZA

**No reply.**



**Н I K O L A E V**  
**Nikolaev Zoo**

Population – 495.000

54003 Nikolaev, pl. N. Leontovich, 1. Open 1901.  
Tel.: (380512) 57-18-99, 24-63-77. Tel./fax: (380512) 55-60-45. E-mail: [topchy\\_zoo@vega.com.ua](mailto:topchy_zoo@vega.com.ua), [yuri.kirichenkozoo@gmail.com](mailto:yuri.kirichenkozoo@gmail.com), [kirichenko\\_zoo@vega.com.ua](mailto:kirichenko_zoo@vega.com.ua). Web: [www.zoo.nikolaev.ua](http://www.zoo.nikolaev.ua). Director: Vladimir N. Topchii. Deputy Director, Zoovet: Yurii E. Kirichenko. Vet: Oleg G. Yavkin. 226 staff. 18.5 ha. Att. – 292,460. Mammals – 75 spp., 356 specimens; birds – 78 spp., 579 specimens; reptiles – 67 spp., 230 specimens; amphibians – 7 spp., 30 spp., fishes – 112 spp., 1,327 specimens; invertebrates – 56 spp. Total: 395 spp., 2,522 specimens+.

EAZA, WAZA, UAZA

**ODESSA*****Odessa Oceanarium "Nemo"***

Population – 1.017.699

65000 Odessa, plyazh Lanzheron, 25. Open 2005.

Tel.: (38048) 720-70-70, 720-70-77. Tel./fax: (38048) 722-77-17. E-mail: [delfinariy@ukr.net](mailto:delfinariy@ukr.net), [stas-d@ukr.net](mailto:stas-d@ukr.net). Web: [www.nemo.od.ua](http://www.nemo.od.ua). Director: Sergei V. Kelyushok. Scientific Director: Nikolai M. Markanov. Head, Oceanarium: Stanislav L. Duz. Vet: Oleg S. Ushakov. 91 staff. 4.300 m. sq.

**No reply.****ODESSA*****Odessa Zoo***

Population – 1. 017.699

65007 Odessa, Novoschepnoy Ryad, 25. Open 1922.

Tel.: 38 (068) 140-45-39, (048) 759-68-70, (050) 336-40-89. Fax: 38 (0482) 32-62-30. E-mail: [mail@zoo.ua](mailto:mail@zoo.ua). Web: [www.zoo.od.ua](http://www.zoo.od.ua). Director: Igor V. Belyakov. Deputy Director: Vera A. Sukhina. Deputy Director, Zoovet: Petr P. Kostko. 151 staff. 6.5 ha. Att. – 212,720. Mammals – 45 spp., 243 specimens; birds – 82 spp., 577 specimens; reptiles – 34 spp., 109 specimens; amphibians – 9 spp., 33 spp., fishes – 60 spp., 578 specimens; invertebrates – 5 spp. Total: 235 spp., 1,540 specimens+.

Speciality: rare animals of South Ukraine.

UAZA

## United Arab Emirates



### **FUJAIRAH**

Population – 203

#### ***Center conservatia biodiversity Fujairah “Wadi Wurayah Reserve and National Park”***

P.O. Box: 1, Fujarah UAE, Government, Wadi Al Wurayah Reserve and National Park. Open 2015.

Tel.: (971) 09 205 01 06; 050 206 08 88 – Vladimir Korshunov. E-mail: [korshunvlad@mail.ru](mailto:korshunvlad@mail.ru). Director: Salem Zakhmi. Head, Manager: Vladimir Korshunov. 10 staff. 2000 ha. including 3.5 ha – quarantine and laboratories; 16 ha – nursery of Arabian thar; 50 ha – experimental areas and plantations of forage plants  
Mammals – 1 spp., 48 specimens.

## Uzbekistan



### **T A S H K E N T**

Population – 2.622.700

#### ***Tashkent Zoo***

100053 Tashkent, ul. Bogishamol, 232-a. Open 1924.

Tel.: (99871) 289-07-95, 289-06-52. Tel./fax: (99871) 289-10-96, 289-07-73. E-mail: [ipzoo@mail.ru](mailto:ipzoo@mail.ru), [info@tashkentzoo.uz](mailto:info@tashkentzoo.uz), [science.int@tashkentzoo.uz](mailto:science.int@tashkentzoo.uz). Web: [www.tashkentzoo.uz](http://www.tashkentzoo.uz). Director: Abdukhafiz S. Rustamov. Head of international relations Department: Dinara Chirkova. Chief Animal Engineer: Yekub B. Aliev. Head Zoologist: Khakim G. Samigov. Vet: Makhmudzhan Kuzibaev. 239 staff. 21.5 ha. Att. – 204,102. Mammals – 61 spp., 260 specimens; birds – 98 spp., 932 specimens; reptiles – 44 spp., 274 specimens; amphibians – 5 spp., 19 specimens; fishes – 97 spp., 5,401 specimens; invertebrates – 12 spp. Total: 317 spp., 6,886 specimens+.  
Speciality: birds of prey.

***II. Information on zoos that are not EAZA members***

Belarus**VITEBSK**  
*Vitebsk Zoo*

Population – 320.000

210026 Vitebsk, ul. Ya. Kupaly, 17. Open 1992.

Tel.: (0212) 26-29-51. Fax: (0212) 26-29-55. E-mail: [vitebsk.zoopark@yandex.ru](mailto:vitebsk.zoopark@yandex.ru).

Director: Irina M. Orlova. Vet: Viktor P. Yakimenko. 23 staff. 1.1 ha. Att. – 29,714.

Mammals – 33 spp., 83 specimens; birds – 3 spp., 51 specimens; reptiles – 9 spp., 24 specimens; fishes – 2 spp., 3 specimens. Total: 57 spp., 161 specimens.

**ZHLOBIN**

Population – 75.000

*Zhlobin Zoo*

247210 Gomelskaya obl., Zhlobin, ul. K. Marksa, 41-a. Open 1990.

Tel.: (375233) 45-06-64. Fax: (375233) 44-62-59. E-mail: [zveri.75@gomel.by](mailto:zveri.75@gomel.by).

Director: Valerii L. Chechikov. Zoo: Cvetlana Yu. Naumova. Vet: Alina S. Moroz.

29 staff. 0.4 ha. Att. – 16,817. Mammals – 34 spp., 126 specimens; birds – 32 spp., 140 specimens; reptiles – 5 spp., 15 specimens. Total: 71 spp., 281 specimens.

Bundesrepublik Deutschland**DESSAU**

Population – 80.000

*Dessau Zoo*

Querallee 8 D – 06846 Dessau-Rosslau. Open 1958.

Tel.: +49-340-61-44-26. Fax: +49-340-66-12-580. E-mail: [info@tierpark.dessau.de](mailto:info@tierpark.dessau.de).Web: [www.tierpark.dessau-rosslau.de](http://www.tierpark.dessau-rosslau.de). Director: Jan Bauer. Deputy Director: Marion

Schüler. 22 staff. 11 ha. Att. – 123,538. Mammals – 42 spp., 181 specimens; birds – 41 spp., 230 specimens; reptiles – 7 spp., 12 specimens; amphibians – 2 spp., 7 specimens; invertebrates – 9 spp. Total: 101 spp., 430 specimens+.

**ROSTOK**

Population – 208.409

***Zoologischer Garten Rostok***

Rennbahnallee 21, 18059 Rostok, Germany. Open 1899.

Tel.: +49-381-2082-192. Fax: +49-381-493-44-00. E-mail: [office@zoo-rostock.de](mailto:office@zoo-rostock.de), [t.dietrich@zoo-rostock.de](mailto:t.dietrich@zoo-rostock.de). Web: [www.zoo-rostock.de](http://www.zoo-rostock.de). Director: Nagel Udo. Curator, Collection: Angeli Antje. Vet: Rudnikv Chistian. 140 staff. 56 ha. Att. – 652,220. Mammals – 80 spp., 466 specimens; birds – 73 spp., 415 specimens; reptiles – 25 spp., 78 specimens; amphibians – 8 spp., 62 specimens; fishes – 148 spp., 1,517 specimens; invertebrates – 77 spp. Total: 411 spp., 2,538 specimens+.

Latvia**DAUGAVPILS**

Population – 95.500

***Latgales zoodārzs***

Vienibas iela 27, Daugavpils, LV 5400, Latvia. Open 1991

Tel.: (371) 296-211-91, 654-267-89. E-mail: [latgales.zoo@gmail.com](mailto:latgales.zoo@gmail.com). Web: [www.latgaleszoo.biology.lv](http://www.latgaleszoo.biology.lv). Director: Mihails Pupins. Deputy Director, enthomolog: Valerijs Vahrusevs. Zoolog: Sanda Kalvane. Vet: Yurii Petrov. 12 staff. 5,8 ha. Att. – 35,000.

Speciality: emys orbicularis.



**R I G A**

Population – 627.500

***Rīgas Nacionālais zooloģiskais dārzs***

Meza prospekts, 1. Rīga LV 1014, Latvia. Open 1912

Tel.: (371) 675-184-09, 675-404-44, 675-186-69. Fax: (371) 675-400-11. E-mail: [info@rigazoo.lv](mailto:info@rigazoo.lv), [rigazoo@rigazoo.lv](mailto:rigazoo@rigazoo.lv), [sergeis.cicagovs@rigazoo.lv](mailto:sergeis.cicagovs@rigazoo.lv), [uldis.zelubovskis@rigazoo.lv](mailto:uldis.zelubovskis@rigazoo.lv), [guna.vitola@rigazoo.lv](mailto:guna.vitola@rigazoo.lv). Web: [www.rigazoo.lv](http://www.rigazoo.lv).

Chairman of the Board: Roland Greiziņš. Executive Director: Uldis Želubovskis. Head of the Zoological Department: Sergey Chichagov. Animai Collection Manager: Guna Vitola. Vet: Solvita Valaine. 160 staff. 22 ha (affiliate – 132 ha). Att. – 267,611. Mammals – 93 spp., 505 specimens; birds – 54 spp., 248 specimens; reptiles – 66 spp., 225 specimens; amphibians – 50 spp., 1,393 specimens; fishes – 81 spp., 1,018 specimens; invertebrates – 46 spp. Total: 390 spp., 3,392 specimens +.

Speciality: amphibians, invertebrates.

EAZA, IZE

Lithuania**K A U N A S**

Population – 290.000

***Lithuanian Zoological Gardens***

50299 Radvilėnų pl. 21, Kaunas, Lithuania. Open 1938.

Tel.: (37037) 33-25-40. Fax: (37037) 33-21-96. E-mail: [info@zoosodas.lt](mailto:info@zoosodas.lt). Web: [www.zoosodas.lt](http://www.zoosodas.lt), [www.facebook.com/ZoologijosSodas6](https://www.facebook.com/ZoologijosSodas6). Director: Gintare Stankeviche. Biologist: Benas Noreikis. Vet: Gintaras Syudicas. 105 staff. 15.7 ha. Att. – 100,019. Mammals – 40 spp., 193 specimens; birds – 48 spp., 248 specimens; reptiles – 32 spp., 309 specimens; amphibians – 16 spp., 425 specimens; fishes – 32 spp., 793 specimens; invertebrates – 12 spp. Total: 180 spp., 1,968 specimens +.

EAZA, IZE



Poland**CHORZÓW**

Population – 107.443

***The Silesian Zoological Garden***

41 501 Promenada Gen. Jerzego Ziętka 7, Chorzów. Open 1958.

Tel: +4832 793-71-66, +48 666 031 496, +48 532 457 718, +48 666 031 170. E-mail: [mmitrenga@slaskiezoo.pl](mailto:mmitrenga@slaskiezoo.pl), [sekretariat@staskiezoo.pl](mailto:sekretariat@staskiezoo.pl), [amalec@slaskiezoo.pl](mailto:amalec@slaskiezoo.pl). Web: [www.zoo.silesia.pl](http://www.zoo.silesia.pl). Director: Marek Mitrenga. Deputy Director: Andrzej Malec. Vet: Michal Zaluski. 148 staff. 47.6 ha. Att. – 94,424. Mammals – 75 spp., 294 specimens; birds – 62 spp., 348 specimens; reptiles – 43 spp., 80 specimens; amphibians – 2 spp., 3 specimens; fishes – 121 spp., 1,139 specimens; invertebrates – 34 spp. Total: 337 spp., 1,864 specimens +.

Russia**B A R N A U L**

Population – 632.372

***Barnaul Zoo “Lesnaya skazka”***

656066 Barnaul, ul. Entuziastov, 12. Open 2010.

Tel.: 99-62-62; 7 913 210 15 09 – Director. Tel.fax: (3852) 47-73-99. E-mail: [men1965@yandex.ru](mailto:men1965@yandex.ru). Web: [www.zoo22.ru](http://www.zoo22.ru). Director: Sergei V. Pisarev. Deputy Director: Aleksandr V. Chebotarev. Deputy Director, Zoo: Pavel V. Reznichenko. Vet: Vyacheslav B. Nakonechnikov. 39 staff. 5,1 ha. Att. – 140,809. Mammals – 46 spp., 120 specimens; birds – 10 spp., 34 specimens; amphibians – 1 spp., 1 specimens. Total: 57 spp., 155 specimens.

**GOLUBITSKAYA****Zoo "Lukomor'e"**

Population – 120.000

353521 Krasnodarskii krai, Temryukskii raion, st. Golubitskaya, ul. Naberezhnaya, 1-a. Open 2013.

Tel.: (918) 040-00-51. E-mail: [zooпарк.lukomore@mail.ru](mailto:zooпарк.lukomore@mail.ru). Web: [www.zoo-lukomore.ru](http://www.zoo-lukomore.ru). Director: Konstantin A. Reshetov. Vet: Olesya V. Krugol. 25 staff. 3 ha. Att. – 50,000. Mammals – 37 spp., 120 specimens; birds – 10 spp., 28 specimens; Total: 47 spp., 148 specimens.

**EKATERINBURG**

Population – 1.483.119

**"Oceanarium Ekaterinburg"**

620023 Ekaterinburg, ul. Scherbakova, d. 2-b, "Oceanarium Ekaterinburg". Open 2019.

Tel.: (343) 339-44-14; 912 247 19 44 – Director. E-mail: [direct@oceanarium-ekb.ru](mailto:direct@oceanarium-ekb.ru). Web: [www.oceanarium-ekb.ru](http://www.oceanarium-ekb.ru). General Director: Sergei V. Kuznetsov. Director "Oceanarium Ekaterinburg": Ekaterina Al. Pokazaneva. Vet: Lyubov V. Ivonina. 79 staff. 7,128,17 m. sq. Att. – 356,036. Mammals – 7 spp., 17 specimens; birds – 6 spp., 45 specimens; reptiles – 19 spp., 46 specimens; fishes – 221 spp., 3,290 specimens; invertebrates – 33 spp. Total: 286 spp., 3,398 specimens.

**KOSTROMA**

Population – 280.000

**Kostroma Zoo**

156007 Kostroma, ul. Lenina, 175. Open 2010.

Tel./fax: (4942) 45-62-72. E-mail: [zoo44@list.ru](mailto:zoo44@list.ru). Web: [www.zoopark44.ru](http://www.zoopark44.ru). Director: Vadim G. Shinkar. Deputy Director: Anna Ol. Smirnova. Vet: Ekaterina Ev. Rusakova. 20 staff. 8,4 ha. Att. – 133,182. Mammals – 32 sp., 70 specimens; birds – 14 spp., 87 specimens; Total: 46 spp., 157 specimens.

**KRASNOGORSK**

Population – 171.793

**“Krokus Siti Oceanarium”**

143402 Moskovskaya obl., Krasnogorskiy raion, Krasnogors, ul. Mezhdunarodnaya, 10. Open 2016.

Tel.: (495) 223-40-20 (+ 56-57; 45-73; 86-69), 727-22-11, 550-00-55. Fax: (495) 223-40-20, 727-22-11. E-mail: [info@crocus-oceanarium.ru](mailto:info@crocus-oceanarium.ru), [Avtyurina@crocusgroup.ru](mailto:Avtyurina@crocusgroup.ru), [omeljuta@crocus-holl.com](mailto:omeljuta@crocus-holl.com). Web: [www.crocus-oceanarium.ru](http://www.crocus-oceanarium.ru).

Director: Roman V. Grachev. Deputy Director: Anzhelika V. Tyurina. Manager: Boris V. Omelyuta. Vet: Zhanna V. Fadeeva. 125 staff. 10,6 ha. Att. – 127 331. Mammals – 18 sp., 73 specimens; birds – 26 spp., 89 specimens; reptiles – 19 spp., 39 specimens; amphibians – 8 sp., 20 specimens; fishes – 204 spp., 1,425 specimens; invertebrates – 40 spp. Total: 315 spp., 1,646 specimens+.

**MOSCOW**

Population – 12.692.466

**“Exzotirpark”**

108841, Troitsk, Microdistrict B, d. 14-9. Open 2012.

Tel.: 7 906 733 55 44. E-mail: [ekzotikpark@mail.ru](mailto:ekzotikpark@mail.ru). Web: [www.ekzotikpark.ru](http://www.ekzotikpark.ru).

General Director: Irina V. Prokoshina. Vet: Emma Ar. Mamedova. 20 staff. 3,5 ha. Att. – 73,680. Mammals – 50 sp., 118 specimens; birds – 22 spp., 65 specimens; reptiles – 1 spp., 2 specimens. Total: 73 spp., 185 specimens.

**NALCHIK**

Population – 239.054

**Nalchik Zoo**

360002 Kabardino-Balkariya, Nalchik, Dolinsk. Open 1966.

Tel.: (8662) 42-68-42, 42-20-06, 42-63-90. E-mail: [zoonalchik@mail.ru](mailto:zoonalchik@mail.ru). Web: [www.zoonalchik.ru](http://www.zoonalchik.ru). Director: Murat M. Dyshekov. Vet: Daut A. Akhmatov. 26 staff.

7.2 ha. Att. – 26,253. Mammals – 56 spp., 270 specimens; birds – 67 spp., 366 specimens; reptiles – 19 spp., 40 specimens; fishes – 2 spp., 49 specimens; invertebrates – 1 spp.. Total: 145 spp., 725 specimens +.

Speciality: local fauna, ungulates.

**NOVYI URENGOY**

Population – 115.092

***Novyi Urengoy Ecological Station***

629305 YANAO, Novyi Urengoy, ul. Yuzhnaya, 44, a/ya 182. Open 2003.  
 Tel./fax: (3494) 23-83-16. E-mail: [des\\_nu@mail.ru](mailto:des_nu@mail.ru). Web: [www.desnu.ru](http://www.desnu.ru). Director: Gennadii V. Lipetskii. Deputy Director: Nadezhda N. Kolebanova. Head, Zoo: Alsu N. Shagatova. Vet.: Svetlaya Al. Orzhekhovskaya. 38 staff (zoo – 8). 332 m. sq. Att. – 10,300. Mammals – 20 spp., 111 specimens; birds – 21 spp., 325 specimens; reptiles – 13 spp., 35 specimens; amphibians – 2 spp., 4 specimens; fishes – 30 spp., 250 specimens; invertebrates – 2 spp. Total: 88 spp., 725 specimens+.

**PENSA**

Population – 523.726

***Pensenskiy oceanarium***

440004 Penza, ul. Tsentralnaya, d. 1, l.T, ofis 20. Open 2014.  
 Tel.: (3494) (8412) 20-20-30, 38-17-51. Fax: (8412) 38-17-49. E-mail: [ocean\\_202030@mail.ru](mailto:ocean_202030@mail.ru). Web: [www.oceanpenza.ru](http://www.oceanpenza.ru). Director: Olga V. Pronina. Deputy Director: Elena Iv. Chudaeva. 27 staff. 3 000 cub. m. Att. – 44,865. Reptiles – 6 spp., 45 specimens; fishes – 82 spp., 834 specimens Total: 88 spp., 879 specimens.

**ROSTOV - ON - DON**

Population – 1.137.904

***Rostov-on-Don Zoo***

344039 Rostov-on-Don, Zoologicheskaya ul., 3. Open 1927.  
 Tel: (863) 232-82-91. Fax: (863) 295-71-82. E-mail: [zoo-park-rostov@mail.ru](mailto:zoo-park-rostov@mail.ru). [zoo-rostov2015@yandex.ru](mailto:zoo-rostov2015@yandex.ru). Web: [www.zoopark-rostov.ru](http://www.zoopark-rostov.ru). Director: Aleksandr V. Zhadobin. Deputy Director: Aleksandr V. Mironenko (tel.: 928 954-21-39). Lead animal engineer: Liliya Al. Maksimenko. Deputy Director, Zoovet: Irina O. Gribanova (tel.: 928 954 37 45). Vet: Olga N. Serafimova (tel.: 928 617 67 20). 252 staff. 59,6 ha. Att. – 465,109. Mammals – 106 spp., 724 specimens; birds – 141 spp., 951 specimens; reptiles – 34 spp., 87 specimens; amphibians – 3 spp., 5 specimens; fishes – 111 spp., 1,266 specimens; invertebrates – 101 spp. Total: 496 spp., 3,033 specimens+.



**Приморский  
Сафари-парк**

**SHKOTOVO**

Population – 3.500

*“Amurskii tigr” (Primorskii Safari-park)*

692815 Primorskii krai, Shkotovskii raion, pgt. Shkotovo. Open 2007.

Tel.: (914) 914 700 65 23, 924 124 17 17. E-mail: [amur.tiger@rambler.ru](mailto:amur.tiger@rambler.ru). Web: [www.safaripark25.ru](http://www.safaripark25.ru). Director: Dmitrii N. Mezencev. Executive Director Maksim D. Mezencev. Deputy Director: Gflina N. Komarova. Vet.: Oleg L. Nikonov. 27 staff. 16 ga. Att. – 65,300. Mammals – 27 spp., 82 specimens; birds – 27 spp., 55 specimens. Total: 54 spp., 137 specimens.

Speciality: keeping and exhibiting animals of Primorsky Krai.



ZooGreenPark  
Karjala

**SORTAVALA**

Population – 35.000

*Karelia Zoo Greenpark*

186790 Karelia, Sortavala, ul. Lenina, 3. Open 2011.

Tel.: (81430) 2 49 11. Fax: (81430) 2 48 30. Tel.: (Executive Director, St. Petersburg): (812) 333-22-06; Tel: (Executive Director, St. Petersburg): (812) 314-31-19. E-mail: [zoogreenpark@yandex.ru](mailto:zoogreenpark@yandex.ru), [piter150110@mail.ru](mailto:piter150110@mail.ru). Web: [www.zoogreenpark.ru](http://www.zoogreenpark.ru). Director: Andrei Al. Lebedev. Executive Director: Denis Yu. Lebedev. Vet: Marina V. Gizatulina. 25 staff. 37 ha. Att. – 94,161. Mammals – 73 spp., 288 specimens; birds – 23 spp., 79 specimens. Total: 96 spp., 367 specimens.



**TYUMEN**

Population – 788.358

*Tyumen Zoo*

625002 Tyumenskaya obl., Tyumenskii raion, 27 km Yalutorovskogo trakta, str. 1, Open 2013.

Tel.: (3452) 55-55-95, 7-922-486-57-03, 7 950-489-89-84. E-mail: [info@sosnovbir.ru](mailto:info@sosnovbir.ru), [Tyumenzoo@mail.ru](mailto:Tyumenzoo@mail.ru). Web: [www.zoo.sosnovbir.ru](http://www.zoo.sosnovbir.ru). Director: Oleg V. Pogudin. Deputy Director, Vet: Tatyana B. Antropova. 22 staff. 2,3 ha. Att. – 57,876. Mammals – 53 spp., 149 specimens; birds – 29 spp., 151 specimens; reptiles – 11 spp., 16 specimens, invertebrates – 2 spp. Total: 95 spp., 316 specimens +.

**VLADIVOSTOK**

Population – 800.000

**Zoo “Sadgorod”**

690025 Primorskii krai, Vladivostok, ul. Vorovskogo, d. 24-b. Open 2017.

Tel.: 914 790 97 31, 966 277 40 30. E-mail: [zoosad2008@mail.ru](mailto:zoosad2008@mail.ru). Web: [www.zoopark-vl.ru](http://www.zoopark-vl.ru). Director: Sergei V. Asnovin. Deputy Director: Elena Al. Asnovina. 15 staff. 2,5 ha. Att. – 22,984. Mammals – 46 spp., 172 specimens; birds – 21 spp., 91 specimens; reptiles – 19 spp., 62 specimens, amphibians – 2 spp., 4 specimens; invertebrates – 4 spp. Total: 92 spp., 329 specimens +.

**VOROBJI**

Population – 674

**Park of Birds “Vorobji”**

249167 Kaluga region., Zhukovskii district, Sovhoz “Pobeda”, ul. Park ptits, 3/1. Open 2005.

Tel.: +7 (4843) 99-34-26, fax: (4843) 99-34-29. E-mail: [contact@birdspark.ru](mailto:contact@birdspark.ru). Web: [www.birdspark.ru](http://www.birdspark.ru). General Director: Andrei Ya. Tkachenko. Deputy General Director, Zoovet: Nikolai N. Zorin. Vet: Ekaterina An. Shempeleva. 52 staff. 24 ha. Att. – 252,000. Mammals – 66 spp., 290 specimens; birds – 265 spp., 1,408 specimens; reptiles – 20 spp., 31 specimens, amphibians – 3 spp., 4 specimens; fishes – 55 spp., 417 specimens; invertebrates – 2 spp. Total: 411 spp., 2,150 specimens +. Speciality: breeding of rare species of parrots.

Southern Korea**SEOICHEON - GUN**

Population – 54.000

**National Institute of Ecology**

1210 Geumgang-ro, Maseo-myeon, Seocheon-gun, Chungcheongnam-do, Republic of Korea. Open 2013.

Tel.: +82 (41) 950 5954, 950 5956, 950 5840. Fax: +82 (41) 950 6146, 950 6140. E-mail: [haerrye@nie.re.kr](mailto:haerrye@nie.re.kr), [ecovet@nie.re.kr](mailto:ecovet@nie.re.kr), [hallosks@nie.re.kr](mailto:hallosks@nie.re.kr). Web: [www.nie.re.kr](http://www.nie.re.kr). Director: Kim, Young-jun. Executive, Director: Shim, Suk-Kyung.



Vet: Lee, Hae-Rim. 587 staff. 99,9 ha. Att. – 353,034. Mammals – 12 spp., 56 specimens; birds – 11 spp., 43 specimens; reptiles – 36 spp., 231 specimens, amphibians – 20 spp., 159 specimens; fishes – 168 spp., 3,234 specimens; invertebrates – 21 spp. Total: 268 spp., 3,723 specimens +.

## Slovak Republic



### **BOJNICE**

Population – 5.000

#### *Narodna Zoologicka zahrada Bojnice*

Zamok a okolie 6, Bojnice, 97201. Slovak Republic. Open 1955.

Tel.: (00421) 540-29-75, 903 807-531, 903 807-254. E-mail: [zoobojnice@zoobojnice.sk](mailto:zoobojnice@zoobojnice.sk), [branislav.tam@zoobojnice.sk](mailto:branislav.tam@zoobojnice.sk). Web: [www.zoobojnice.sk](http://www.zoobojnice.sk). Director: Milan Šovčík. Head of zoological Department: Branislav Tám. Curators: Aleksandra Veselovská, Agnesa Cachovanová, Miroslava Kl`učarová. Vet: Michal Belák. 97 staff. 41,0 ha. Att. – 278,219. Mammals – 83 spp., 420 specimens; birds – 167 spp., 468 specimens; reptiles – 47 spp., 239 specimens; amphibians – 13 spp., 97 specimens; fishes – 76 spp., 938 specimens, invertebrates – 5 spp. Total: 391 spp., 2,162 specimens +.

## Switzerland



**BIOPARC GENÈVE**  
PIERRE CHALLANDES

### **GENÈVE**

Population – 201.818

#### *Bioparc Genève*

Route de Valavran, 33 – 1293 Bellevue, Genève. Open 2019.

Tel. 41 (22) 774 38 08. E-mail: [info@bioparc-geneve.ch](mailto:info@bioparc-geneve.ch). Web: [www.parc-challandes.ch/fr/](http://www.parc-challandes.ch/fr/). Director: Tobias Blaha. Deputy Director: Anna-Sophie Deville. Curator: Chloe Gonseth. Vet: Tobias Blaha. 53 staff. 1.4 ha. Att. – covid. Mammals – 22 spp., 78 specimens; birds – 43 spp., 117 specimens; reptiles – 7 spp., 35 specimens; amphibians – 2 spp., 8 specimens; invertebrates – 2 spp. Total: 76 spp., 238 specimens+.

Ukraine**DEMIDOV**

Population – 6.100

***Animal Park “XII months”***

07335 Kievskaya oblact, Vyshegorskii raion, s. Demidov, ul. Verbovaya, 79. Open 2015.

Tel.: (380096) 770 41 59. E-mail: [zoo12months@gmail.com](mailto:zoo12months@gmail.com). Web: [www.12.org.ua](http://www.12.org.ua). Director: Irina V. Korchinskaya. Vet: Alina S. Malinka. 12 staff. 26,0 ha. Att. – 100,000. Mammals – 65 spp., 201 specimens; birds – 17 spp., 92 specimens; reptiles – 2 spp., 6 specimens. Total: 84 spp., 299 specimens.

**ROVNO**

Population – 230.000

***Rovno Zoo***

33027 Rovno, ul. Kievskaya, 110. Open 1982.

Tel.: (380362) 65-38-40. Tel./Fax: (380362) 65-38-59. E-mail: [zoo.rv.ua@gmail.com](mailto:zoo.rv.ua@gmail.com). Web: [www.zoopark.rv.ua](http://www.zoopark.rv.ua). Director: Oleg V. Pavlyuk. Deputy Director, Zoovet: Irina E. Oliferuk. Vet: Yurii Mariya P. Kryvusha. 71 staff. 11.6 ha. Att. – 117,000. Mammals – 66 spp., 390 specimens; birds – 43 spp., 279 specimens; reptiles – 23 spp., 51 specimens; amphibians – 4 spp., 37 specimens; fishes – 24 spp., 142 specimens; invertebrates – 12 spp. Total: 172 spp., 899 specimens +.

**CHEKASSY**

Population – 275.700

***Cherkassy Zoo***

18008 Cherkassy, ul. Smelyanskaya, 132. Open 1979.

Tel./fax: (380472) 63-46-42. E-mail: [zoocityck@ukr.net](mailto:zoocityck@ukr.net). Web: [www.zoocity.ck.ua](http://www.zoocity.ck.ua). Director: Evgenii L. Van. Deputy Director, Zoovet: Andrei Yu. Ladnov. Vet: Irina Yur. Artemenko. 56 staff. 4.4 ha. Att. – 153,500. Mammals – 38 spp., 255 specimens; birds – 40 spp., 146 specimens; reptiles – 59 spp., 124 specimens; amphibians – 5 spp., 15 specimens; fishes – 1 spp., 25 specimens; invertebrates – 68 spp. Total: 211 spp., 534 specimens+.

UAZA



***III. Information on other zoological institutions that are not  
EARAZA members***

Kazakhstan**S E M E Y**

Population – 313.000

***Semey Children's Biological Centre***

071400 Semey, Beibittshilik, araly, 56. Open 1938.

Tel.: (7222) 56-84-53. Tel./fax: (7222) 56-18-59. E-mail: [biodetcenter@mail.ru](mailto:biodetcenter@mail.ru).Web: [www.biodetcentr.ru](http://www.biodetcentr.ru). Director: Darya N. Voschakina. Biological Department: Sulushash Z. Sultabaeva. 43 staff. 2.56 ha. Att. – 160,400. Mammals – 21 spp., 75 specimens; birds – 38 spp., 216 specimens; reptiles – 2 spp., 4 specimens; fishes – 15 spp., 68 specimens; invertebrates – 1 spp. Total: 77 spp., 363 specimens+.Russia**B A R N A U L**

Population – 632.372

***Laboratory "Altai Falcon" of Zoological Centre of Institute of Biology and biotechnology Altay State University***

656049 Altaiskii krai, Barnaul, pr. Lenina, 61.

Tel.: (385-2) 29-12-19, (906) 941-01-57. E-mail: [snigirev0157@gmail.com](mailto:snigirev0157@gmail.com), [mendelli@mail.ru](mailto:mendelli@mail.ru). Director of Zoo Centre: Sergey Snigirev. Chief of Department "Altai Falcon": Lidia Mendel. Vet: Vitaly Kovaluk. 5 staff. 1 ha.**No reply.****C H E R N O G O L O V K A**

Population – 25.000

***Scientific-Experimental Station «Chernogolovka», IPEE RAS***

119071 Moscow, Leninskii prospekt, 33, IPEE RAS, SES «Chernogolovka». Open 1975.

Tel.: (495) 954-72-83. Fax: (4959) 54-55-34. E-mail: [snaidenko@mail.ru](mailto:snaidenko@mail.ru). Web: [www.sevin.ru](http://www.sevin.ru). Director, Institute: Vyacheslav V. Rozhnov. Deputy Director: Sergei V. Naidenko. Scientific-Experimental Station: Galina V. Tarasova. 28 staff. 40 ha. Mammals – 22 spp., 772 specimens.

**E K A T E R I N B U R G**

Population – 1.500.000

***Conservation Centre of Rare Species of Birds “Kholzan”***

620000 Ekaterinburg, ul. Lunacharskogo, 194. Conservation Centre of Rare Species of Birds “Kholzan”: Sverdlovskaya obl., Sysertsii raion, pos. Kashino.

Tel.: (912) 241-76-02, (34374) 6-36-29. E-mail: [holzan\\_falconer@mail.ru](mailto:holzan_falconer@mail.ru). Director: Oleg An. Svetlitskii. Curator of birds of prey: Ruslan M. Salimov. Vet: Natalya V. Bannykh. Birds – 31 spp., 176 specimens.

**G A L I C H Y A G O R A*****The Nursery for Birds of Prey of the Reserve “Galichya Gora”***

399240 Lipetskaya obl., Zadonskii r-n, p/o Donskoe. Open 1990.

Tel.: (915) 551-96-39. E-mail: [pitomnik.gg@mail.ru](mailto:pitomnik.gg@mail.ru). Director: Nikolai Ya. Skolznev. Head, Nursery: Vladimir V. Petrov. 3 staff. 5.000 m. sq. Birds – 13 spp., 89 specimens.

Speciality: breeding and reintroduction of rare species of birds of prey into the wild.



ИРКУТСКИЙ  
ЗООСАД

**I R K U T S K*****Irkutsk Zoosad***

Population – 625.000

664039 Irkutsk, ul. Koltsova, 93. Open 2013.

Tel.: (3952) 66-46-39, 96-35-27. E-mail: [ivan.sizykh@rambler.ru](mailto:ivan.sizykh@rambler.ru), [irkdetzoo\\_info@mail.ru](mailto:irkdetzoo_info@mail.ru). Web: [www.irkdetzoo.ru](http://www.irkdetzoo.ru). Director: Ivan A. Sizykh. Chief, Department: Anastasiya S. Tyukhtineva. Vet: Anastasiya V. Stotskaya. 15 staff. 0.5 ha. Att. – 1,243. Mammals – 37 spp., 125 specimens; birds – 17 spp., 44 specimens; reptiles – 2 spp., 24 specimens. Total: 56 spp., 193 specimens.

**K R A S N O D A R**

Population – 1.500.000

***Krasnodar Eco-Biological Centre***

350042 Krasnodar, ul. 40-letiya Pobedy, 1. Open 1944.

Tel.: (861) 257-06-59. Fax: (861) 252-13-58. E-mail: [gudod\\_ebc\\_kk@mail.ru](mailto:gudod_ebc_kk@mail.ru). Web: [www.gudod-ebc-kk.ru](http://www.gudod-ebc-kk.ru). Director: Asiet B. Udzhukhu. Deputy Director: Lyubov Al. Moreva. Vet: Olga V. Ozerova. 5 staff. 4 ha (zoo – 0.7 ha). Att. – 2 500. Mammals – 21 spp., 107 specimens; birds – 41 spp., 314 specimens; reptiles – 3 spp., 9 specimens. Total: 65 spp., 430 specimens.



**M O S C O W**  
**“Exomir”**

Population – 12.692.466

127204 Moscow, Dmitrovskoe shosse, 163 A. Open 2012.

Tel.: 7 915 088 81 33. Director: Elena P. Gorobets. Vet: Alla Al. Baren. 30 staff. 0,2 ga. Att. – 67 000. Mammals – 33 spp., 105 specimens; birds – 28 spp., 109 specimens; reptiles – 18 spp., 38 specimens; fishes – 1 spp., 25 specimens. Total: 80 spp., 277 specimens.



**N I Z H N I I N O V G O R O D**  
**Nizhnii Novgorod Exotarium**

Нижегородский экзотариум  
 выставка экзотических животных

Population – 1.500.000

603005 Nizhnii Novgorod, ul. Bolshaya Pokrovskaya, 18. Open 1996.

Tel.: +7 903 605-99-01. E-mail: [fadeew@list.ru](mailto:fadeew@list.ru), [info@terraria-nn.ru](mailto:info@terraria-nn.ru). Web: [www.terraria-nn.ru](http://www.terraria-nn.ru). Director: Lyudmila V. Semiglazova. Deputy Director: Sergei V. Fadeev. 5 staff. 110 m. sq. Att. – 65,000. Mammals – 5 sp., 10 specimens; birds – 14 spp., 17 specimens; reptiles – 47 spp., 98 specimens; amphibians – 7 sp., 19 specimens; invertebrates – 30 spp. Total: 103 spp., 144 specimens +.



**S O C H I**

Population – 530.391

***The Monkey Nursery of the Scientific-Research Institute of the Medical Primatology of the Russian Academy of Medical Sciences***

354376 Krasnodarskii krai, Sochi, Adlerskii r-n, s. Veseloe, ul. Mira, 177. The Created at 24.08.1927 – Sukhumi Monkey Nursery.

Tel.: (8622) 43-24-03. Fax: (8622) 43-20-28. E-mail: [vg\\_chalyan@mail.ru](mailto:vg_chalyan@mail.ru), [mail@primatologia.ru](mailto:mail@primatologia.ru). Web: [www.primatologia.ru](http://www.primatologia.ru). Director, Institute: Dr. Sergei V. Orlov. Scientific Director: Dr. Dzhina D. Karal-ogly. Head of the zoo technological laboratory: Dr. Valerii G. Chalyan. Curator, Monkey Nursery: Garine Zh. Kochkonyan. Vet: Tatyana E. Gvozdik. 314 staff. 86 ha. Att. – 19,000. Mammals – 26 spp., 6,091 specimens.

Speciality: primates.

**S O C H I**

Population – 443.562

**Zoo RIO**

354000 Sochi, ul. Egorova, 1. Open 2013.

Tel.: (862) 351-23-04; 952 857 74 44. E-mail: [zoo.neta@bk.ru](mailto:zoo.neta@bk.ru), [riviera2014@bk.ru](mailto:riviera2014@bk.ru).

Web: [www.delfin-riviera](http://www.delfin-riviera). Director: David T. Sogoyan. Deputy Director: Aleksandr V. Kosolapov. Vet: Nikolai N. Kisilev. 13 staff. 350 m. sq m. sq.

**No reply.**



**S Y K T Y V K A R**

Population – 250.000

**Syktyvkar Zoo**

167005 Republic Komi, Syktyvkar, ul. Pechorskaya, 30. Open 2002.

Fax: (8212) 22-36-45, 22-28-48. E-mail: [syktykzoo@list.ru](mailto:syktykzoo@list.ru). Web:

[www.krebc.prirodakomi.ru](http://www.krebc.prirodakomi.ru). Director: Andrei V. Beznosikov. Scientific Zoo: Anton Yu. Gerling. 70 staff. 4.0 ha.

**No reply.**

**U L A N - U D E**

Population – 430.000

**Ulan-Ude Zoo “Ethnographic Museum of the peoples of Transbaikalia”**

670045 Buryatiya, Ulan-Ude, p. Verkhnyaya Beryozovka. Open 1973.

Tel.: (3012) 33-25-10. Tel./fax: (3012) 44-32-10,. E-mail: [emtp@mail.ru](mailto:emtp@mail.ru). Web:

[www.ethnomuseum03.ru](http://www.ethnomuseum03.ru). Director: A.A. Maladaev. Head of the nature Department: M.T. Naguslaev. Vet: N.Yu. Tretyakova. 40 staff. 1,2 ha. Att. – 110 000.

**U L Y A N O V S K**

Population – 627.870

**Ulyanovsk Zoo**

432010 Ulyanovsk, ul. Orenburgskaya, 41-b, park “40 let VLKSM”. Open 2015.

Tel.: (8422) 70-76-66. E-mail: [zrussskie@gmail.ru](mailto:zrussskie@gmail.ru). Web: [www.](http://www.)

[www.vk.com/zrussskie](http://www.vk.com/zrussskie). Director: Denis Al. Savrandeikin. Deputy Director: Maksim

An. Korolkov, Aleksei B. Tishov. Vet: Aleksandra Iv. Lukashuk. 20 staff. 1,81 ha.

Att. – 35 050. Mammals – 15 spp., 56 specimens; birds – 22 spp., 128 specimens;

reptiles – 10 spp., 32 specimens; amphibians – 1 spp., 6 specimens; fishes – 55 spp.,

611 specimens; invertebrates – 10 spp. Total: 113 spp., 833 specimens+.

Uzbekistan**KAGAN**

Population – 57.800

***Kagan Ecological Centre “Dzheiran”***

200700 Bukharskaya obl., Kagan, GSP Ecological Centre “Dzheiran”. Open 1977.

Tel.: (365) +99895 600-42-57, 600-74-69 (mob.). E-mail: [soldatovanata@mail.ru](mailto:soldatovanata@mail.ru).Web: [www.ecocenter.uz](http://www.ecocenter.uz). Director: Alisher R. Mahkmudov. Deputy Director: Natalya V. Soldatova. 32 staff. 16.5 ha. Att. – 2 000. Mammals – 6 spp.; 1 183 spp.

Speciality: breeding of rare ungulates.

***No reply.***

**INFORMATION ABOUT ACTIVITY  
OF EURASION REGIONAL ASSOCIATION  
OF ZOOS AND AQUARIUMS**



**EARAZA News**

**2020 Annual Report**  
**Eurasian Regional Association of Zoos and**  
**Aquariums**

In the early 2021, EARAZA members had faced the most tragic event in the history of our Association; Vladimir Spitsin, EARAZA founder and permanent President, passed away from Covid-19 on January 22. Vladimir's passing is a huge loss for many of his colleagues and friends. Vladimir was a unique, beloved, and inspirational man. EARAZA is Vladimir Spitsin's legacy and we will do our best to ensure his work continues. Vladimir Spitsin will be sorely missed by all people who had an honour to know him.

In the past year, the Eurasian Regional Association of Zoos and Aquariums (EARAZA) was guided by its action plan and decisions adopted by the EARAZA Annual Conference that was hosted by Moscow Zoo (Moscow, Russia, 2019).

The 25<sup>th</sup> EARAZA Annual Conference was hosted by the Moscow Zoo (Moscow, Russia) on June 3–8, 2019, on the occasion of the 155<sup>th</sup> anniversary of the Moscow Zoo, the oldest zoo of Russia. It was attended by more than 300 representatives of 120 zoos, aquariums, and other conservation institutions from 36 countries.

During the reporting period, the work of EARAZA was focused on the training and continuing education for zoo staff, strengthening of cooperation between EARAZA zoos, conservation of rare and endangered animal species, and participation of member-zoos in conservation programs of international zoo organizations, especially the World Association of Zoos and Aquariums (WAZA), of which EARAZA is the Association Member, and European Association of Zoos and Aquaria (EAZA).

***Conferences, training and capacity building***

**The following training and capacity building activities were organized and carried out in 2020:**

- 1) A scientific and practical workshop under the title "***Husbandry of marine mammals under artificial conditions***" was held at the Mosquarium Centre of Oceanography and Sea Biology (All-Russia Exhibition Centre (VDNKH), Moscow, Russia) on February 14-15, 2020. The workshop was organized by the EARAZA/UZAR Working Group on Public Aquariums. It was attended by over 100 specialists from zoos, aquariums and oceanariums from various cities, including the cities of Anapa, Gelendzhik, Izhevsk, Moscow, Novosibirsk, Odessa, Ryazan, Sochi, St. Petersburg, Vladivostok, Voronezh, Yaroslavl, Yekaterinburg, and others.



- 2) The 4<sup>th</sup> International Conference “*Public Aquariums in the Morden World*” was held at St. Petersburg *Neptune* Oceanarium on May 21-22, 2020. To help reduce the risk of infection with coronavirus among the participants, it was decided that the Conference would be held as a virtual event on Zoom platform. Oddly enough, it reflected positively on the numbers of participants; 272 specialists from 38 countries participated in the Conference. The program of the Conference included thematic panels and round tables. A great interest was attracted to the roundtables focused on urgent topics, such as *Current Legal Framework related to Oceanariums* (presented by N. V. Menshikova), *Plants in Aquatic Expositions of Public Aquariums* (S. I. Chubarov), and *Ecological Education Based on the Expositions of Public Aquariums* (A. V. Korobkov).
- 3) On November 20, 2020, an on-line **workshop “Coldwater Aquarium Expositions”** was held by the Mosquarium Centre within the framework of the EARAZA/UZAR Working Group on Public Aquariums. Thanks to active involvement of experts of Aqua Logo Engineering Company, Mosquarium Centre of Oceanography and Sea Biology, and Aquatica Oceanarium (the city of Kogalym), the programme of the workshop was very diverse and intensive. It attracted over 40 participants from 11 Russian cities.

Specialists from EARAZA zoos have also participated in some other events, including:

- 4) **Scientific and Practical International Conference dedicated to the 105<sup>th</sup> anniversary of the birth of A.G. Bannikov** (April 24, 2020). The Conference hosted by the Moscow State Academy of Veterinary Medicine and Biotechnology of K.I. Scriabin was held online. The Conference was attended by the participants from Russia, Belarus, and Turkmenistan. The proceedings of the Conference containing 41 papers were published under the title *Current Issues of Zoology, Ecology, and Nature Conservation* (v. 2, pp. 254);
- 5) **VIII International Conference of the North Eurasia Birds of Prey Working Group** titled *Birds of prey in anthropogenic, natural and quasi-natural landscapes: current challenges and trends*. The conference was dedicated to the memory of Alexander Ivanovich Shepel. Voronezh State Nature Biosphere Reserve named after V. M. Peskov, Voronezh, September 21–27, 2020.
- 6) **XV International Ornithological Conference of Northern Eurasia**, dedicated to the memory of academician M.A. Menzbier (165<sup>th</sup> birth and 85<sup>th</sup> death anniversary). Minsk, Belarus, 2–7 November, 2020.

### ***Publications***

- **The 39<sup>th</sup> Informational Issue of Eurasian Regional Association of Zoos and Aquariums** in two volumes (volume 1, pp. 245; volume 2, pp. 522). 2020. Moscow, Moscow Zoo.

- **The 29<sup>th</sup> volume of the Yearbook on Birds of Prey in Zoos and Breeding Stations**, 2020. Moscow, Moscow Zoo. P. 210.
- **Problems in Zoocultures and Ecology**. Collection of scientific papers. 2020. V.4. Moscow Zoo, Moscow, Moscow Zoo. P. 238.
- **Invertebrates in Zoo and Insectarium Collections**. Proceedings of the Seventh International Workshop. Inter-agency collection of scientific and methodological papers. 2020. Moscow, Moscow Zoo. P. 248.
- **Zoos during the Second World War**. Collection of papers. 2020. Moscow. Moscow Zoo; EARAZA; UZAR. ZooVetKniga. P. 135.

A book by Anrzej Kruszewicz titled “**Hypocrisy. Our relationship with Animals**” (edited by Vladimir Ostapenko) was published in Russian language (2020. Oficyna Wiodownicza Oicos. P. 210). Besides, a “**Parasitism as a phenomenon of ecological adaptation**” training manual by Vladimir Ostapenko was published in 2020.

For the reporting period, the EARAZA Information Centre has published over **1,600 pages** (electronic versions and hard copies) of the research, scientific, methodological, and reference materials that provide important information for the staff of zoos and other zoological collections of the region. All publications contain unique information that may be used by both small and large zoos, as well as by governmental agencies and public conservation institutions. The materials published by EARAZA during the last 20 years can be downloaded from EARAZA website: <http://earaza.ru/>. *Translations* section contains translated texts of brochures, books, research papers and important documents of AZA, EAZA, and WAZA. The texts were translated by employees of EARAZA, Moscow Zoo, Kaliningrad Zoo, and some other Russian zoos.

### ***Informational and Methodological activity***

During the year, the staff of the EARAZA Information and Methodical Centre traditionally rendered assistance to member zoos and other zoological institutions in developing documentation on zoo construction projects, zoological collection planning, and arranging inter-zoo internships.

Zoos and other interested organizations, as well as private individuals were provided with information, guidelines and manuals pertaining to the legislation and regulations on the management of wild animals in captivity.

Over 300 requests for consultations from zoos’ staff and representatives of other institutions, as well as from private individuals, were handled in total by the EARAZA Information and Methodical Centre in 2020. Apart from EARAZA member zoos, there were many requests for assistance received from non-EARAZA institutions engaged in the management of zoological collections and conservation education in Russia and neighbouring countries.

Letters concerning the improvement of the operations of existing zoos and design and construction of new zoos were drafted and sent out to the governing bodies of Armenia, Kazakhstan, Khabarovsk Krai, Penza, Ryazan and Chelyabinsk oblasts, and also to the Ministry of Natural Resources and Environment (Minprirody), Federal Supervisory Natural Resources Management Service (Rosprirodnadzor) of the Russian Federation, and Ministry of Agriculture of the Russian Federation.

Data on zoo animals of ESB and ISB species were sent to relevant studbook keepers. EARAZA staff members have reviewed and assessed educational materials sent to EARAZA by member zoos.

***The following EARZA Working Groups carried out a wide range of activities over the reporting period:***

***- Veterinary Working Group***

In 2020, the coronavirus pandemic dramatically affected the way of actions of the Veterinary Working Group (VWG). Since international trips were not possible, the VWG focused primarily on the on-line video consultations, mainly on the animal biosecurity. Cooperation with American and European zoos helped identify zoo animals susceptible to the emerging virus, SARS-Cov-2. These animals included primates, especially apes, as well as mustelids and big cats. During the year, many zoo managers and veterinarians asked VWG members for their advice on the management of work with SARS-Cov-2 susceptible animal. Special recommendations on the prevention of the spread of the virus in zoo collections have been developed. Besides, data were collected on the approaches to animal testing for coronavirus infection and positive results of the tests. For instance, PRC-testing of susceptible groups of animals at Tallinn Zoo has revealed SARS-Cov-2 infection in the Asiatic lion and several Japanese macaques. Clinical signs including mild respiratory problems were only observed in the Asiatic lion. No macaque has developed clinical signs of the infection. Each animal was tested several times and all results turned out to be positive. Results of the testing of the staff of relevant animal departments were all negative, and the source of infection has not been found.

Because the members of the Working Group could not travel, many video consultations were held in 2020. A professional video consultation was arranged in November to discuss the issue of treatment of the Steller sea lion kept at Kaliningrad Zoo. The animal was diagnosed with maxillary inflammation and multiple dental problems. Due to the animal's old age and potential risks associated with general anaesthesia it was decided to reject the plan of a surgery. A conservative treatment was prescribed aimed at releasing pains and improving the quality of animal life.

The VWG kept carrying out its educational activity even during pandemic though all lectures were held as online events. Members of the Working Group held many webinars on the topics of wildlife medicine and anaesthesia.

*A.V. Semenov, Working Group Chair (Tallinn, Estonia)*

**- Working Group on Terrestrial and Freshwater Invertebrates (IWG)**

The EARAZA Working Group on Terrestrial and Freshwater Invertebrates (EARAZA IWG) was created in 2003, on the initiative of the Moscow Zoo Entomology Department. The activity of the Working Group is aimed at coordination of effort of EARAZA zoos, gaining and sharing knowledge and professional experience of EARAZA zoos and other interested scientific, educational and conservation organisations for the development of modern methods of captive management, exhibiting and breeding of insects and other terrestrial and freshwater invertebrates with educational and conservation purposes. In 2018, the Working Group was transformed into EARAZA/UZAR (Union of Zoos and Aquariums of Russia) Working Group on Terrestrial and Freshwater Invertebrates. The Working Group is chaired by M.B. Berezin, Head of Entomology Department of the Moscow Zoo. In 2020, the Working Group included 26 specialists from 19 zoos, universities, and museums of natural history in Russia, Ukraine, Sweden, Italy, Latvia, and Estonia. IWG was the initiator and co-organiser of seven International Workshops “*Invertebrates in Zoo and Insectarium Collections*”.

From early spring of 2020, in-person contacts between IWG members were largely hindered by quarantine measures taken by Russia and other countries for the prevention of the spread of coronavirus infection. However, IWG members from the zoos of Moscow, Yaroslavl, Voronezh and Latgale, Lomonosov Moscow State University, Ecological and Biological Center "Krestovsky Island" and other organizations was actively involved in email and online consultations and exchange of information. Importantly, despite all problems caused by the long-term closures of zoos and universities, most IWG members continue working with invertebrates kept in zoo collections and on exhibits and carrying out research in the field.

In 2020, members of the editorial team of IWG (Ye. Tkacheva, M. Berezin, T. Kompantseva, T. Verшинina, O. Korsunovskaya, and I. Roma) together with colleagues from the Moscow Zoo (V. Ostapenko, Prof., Dr. Sc.(Biol.), L. Rusina, Dr. Sc.(Biol.), I. Afrina, Yu. Zhuravlev, V. Murashkin) were actively involved in the preparation and editing of the proceedings of the Seventh International Workshop “*Invertebrates in the Collections of the Zoos and Insectariums*” that was hosted by Moscow Zoo and Lomonosov Moscow State University in 2019 (Editor in chief V. Spitsin. *Invertebrates in Zoo and Insectarium Collections. Proceedings of the Seventh International Workshop. 2020. Moscow Zoo, Lomonosov MSU, Moscow, Russia, 7-12 October, 2019. Moscow Zoo, 248 pp. ISBN 978-5-904012-43-4*). IWG members are authors or coauthors of 13 papers included in the publication containing 70 colour photos. The publication is available in Russian and English languages, in 200 hard copies; the PDF-version can be found on EARAZA site: [http://earaza.ru/wp-content/uploads/invertebrate\\_2020.pdf](http://earaza.ru/wp-content/uploads/invertebrate_2020.pdf).

It should be noted that unfortunately, the publishers did not include a number of IWG's and editorial team's remarks in the final version of the Proceedings, which has resulted in significant non-compliance with international scientific publishing standards.

*M.B. Berezin, Working Group Chair (Moscow, Russia)*

### **- Working Group on Birds of Prey**

The membership of the EARAZA Working Group on Birds of Prey has not changed since 2019; the Group currently includes: V.A. Ostapenko, Prof., Dr. Sc.(Biol.), researcher, Moscow Zoo; A.G. Sorokin, Cand. Sc. (Biol.), Head of the Department of Rare Species of the All-Russia Research Institute of Ecology; I.R. Boehme, Dr. Sc. (Biol.); V.B. Masterov, Cand. Sc. (Biol.); Moscow Zoo's staff members: L.Ya. Kurilovich, P.S. Rozhkov, and N.I. Skuratov; V.I. Pilyuga, Odessa Zoo; V.I. Gook, Kharkov Zoo) N.Yu. Belov, Belgorod Zoo; and managers of some Breeding Stations for birds of prey. Members of the Group from the Moscow Zoo continued circulating questionnaires (to over 90 regional institutions maintaining collections of diurnal birds of prey and owls) for gathering updated information on the collections and cases of breeding.

All completed questionnaires were reviewed, and data on the collections and breeding results for 2020 were tabulated. Also, original information was collected with respect to the husbandry methods, breeding, and capacities of birds to adapt to captive conditions and anthropogenic environment, as well as on national specifics of falconry.

With the assistance of diploma-students from the Moscow Academy of Veterinary Medicine (bioecologists), the Working Group continued collecting information for the analysis of the development of Falconiformes collections at zoos and breeding stations of the region. The results of the data analysis have been published in the 26<sup>th</sup>, 27<sup>th</sup> and 28<sup>th</sup> volumes of the Yearbook on Birds of Prey in Zoos and Breeding Stations. The Yearbook presents papers by well-known ornithologists, such as V.B. Masterov, I.R. Yenaleev, A.G. Sorokin, and others. Organizational and editorial work was carried out for the preparation of 29<sup>th</sup> volume of the Yearbook. It was sent for printing in the third quarter of 2020 and published in the first quarter of 2021 (in 100 copies). The publication is available on EARAZA site (<http://earaza.ru>). Collection of data for the 30<sup>th</sup> (commemorative) volume of the Yearbook has been started. Acquisition of books on birds of prey (including owls), both in hard copies and electronic versions, for the library was continued.

Members of the Working Group continue to provide colleagues from various zoos with advisory assistance in the area of collection planning and husbandry methods for the management of birds of prey. The Working Group maintains close connections with the Working Group on Birds of Prey and Owls of Northern Eurasia that is involved in the field studies. Breeding centres for birds of prey and some zoos

continue their work on the development of husbandry and breeding methods for birds of prey, especially birds of rare and endangered species.

*V.A. Ostapenko, Doctor of Biological Sciences, Working Group Chair  
(Moscow, Russia)*

**- Working Group on Education**

- The membership of the Working Group has not changed since 2019; in 2020 it included representatives of the following organizations:
  1. Moscow Zoo (Moscow, Russia);
  2. Leningrad Zoo (St. Petersburg, Russia);
  3. Roev Ruchei Zoo (Krasnoyarsk, Russia);
  4. Surgut Zoo (Surgut, Russia);
  5. Almaty Zoo (Almaty, Kazakhstan);
  6. Zoo Hluboká (Hluboká nad Vlavou, Czech Republic);
  7. Minsk Zoo (Minsk, Belarus);
  8. Tula Exotarium (Tula, Russia);
  9. Mosquarium Centre of Oceanography and Sea Biology (Moscow, Russia);
  10. St.-Petersburg Planet Neptune Oceanarium (St. Petersburg, Russia)
  11. Primorsky Aquarium (Vladivostok, Russia).
- Coronavirus pandemic caused most activities to be turned on online platforms. In-person meetings had to be canceled. Working Group members regularly shared their ideas of the work under Covid-19 restrictions, such as online programs and games for zoo visitors, video sessions, photos, and video recordings.
- At the beginning of the year, 17 EARAZA zoos had registered for participation in the new EAZA Conservation Campaign (Which Fish?) focusing on the conservation of oceans and fish resources. Unfortunately, as a result of pandemic, the campaign has not had much success in Europe.
- In the course of the celebrations of the World Wildlife Day (March 4, 2020) members of the Working Group participated in the *Conservation of the World Ocean* discussion that was chaired by Brad Ack, recognized marine biologist. The event was organized by the Speaker Programme of the USA Embassy in partnership with the Moscow Zoo and EAZA.
- On May 20-21, the members of the Working Group A. Korobkov and Ye. Migunova participated in the virtual conference *Public Aquariums in the Modern World*, specifically in the roundtable discussion on the ecological education in public aquariums and in the work of the Section on visitor management.
- In September, Working Group members participated in the IZE online conference. This international forum was held as nonstop meetings, and representatives from zoos and aquariums all over the world could participate in the conference,

regardless of their time zone. Ye. Migunova had delivered a presentation on the virtual programs that Moscow Zoo carried out in the Covid-19 pandemic period.

- In December, in the course of a joint project that lasted two weeks, educators from various zoos of the world were sharing their inspiring education stories on the EAZA page in Facebook. These motivating stories covered interesting events that took place before or during the lockdown period. Members of the Working Group told the stories about events that occurred at EARAZA and UZAR zoos. It is pleasing to note that a video clip on snow leopard saving that was created by Roev Ruchei Zoo as sand animation was selected for the participation in the project.

***Note:** Brad Ack is Executive Director and Chief Innovations Officer for Ocean Visions Programmes that strives to bring together researchers, innovators, investors, funders, stakeholders, NGOs, IGOs, and decision-makers to focus on real-applications for ocean solutions. Previously Brad was Senior Vice-President in charge of the Oceans Program at WWF-US*

*E.Ya. Migunova, Working Group Chair (Moscow, Russia)*

#### **- Elephant, Rhino, and Hippo Working Group**

Last year was difficult due to the restrictions resulting from the COVID-19 pandemic. Many projects were not implemented and some of them had to be postponed. Currently, the activities of the EARAZA Elephant, Rhino and Hippo Advisory Group in a more accessible and effective form are in final preparation and will start this fall. Therefore, plans for the near future are presented below.

The most important of these is the journal's reactivation. The earlier „TEMBO” magazine, which was published in Polish, will be transformed and adapted to a larger audience. A new magazine will be launched in the fall. It will be published four times a year in Polish, English and Russian. The journal will deal with the topics of breeding and maintaining rhinos, elephants and hippos in zoos, as well as conservation activities carried out *in situ*. The magazine will be complemented by a blog, which will include all articles from the paper and electronic editions, as well as additional materials in a multimedia form, on aspects such as nutrition, veterinary problems, medical training and environmental enrichment. The website page will be available in three languages and will focus on disseminating knowledge.





Another project, which is in the final stage of implementation, is the Facebook page "EARAZA Elephant, Rhino & Hippo Working Group". It will be a place devoted to the practical side of keeping elephants, rhinos and hippos in zoos. There will be recordings, photos and descriptions of veterinary and nursing treatments, medical training, architectural solutions or environmental enrichment.

It is also planned to collect all information regarding the care of elephants in zoos associated with EARAZA. It will be a publication summarizing all aspects of elephant maintenance, which will allow for the unification and sharing of mutual experience and knowledge in the issues of nutrition, veterinary care, and expositions arrangement.

The most important challenges are improving the welfare of elephants, rhinoceros and hippos: striving to eliminate the maintenance of single elephants as quickly as possible and prevention of uncontrolled transfers of animals to institutions such as circuses (Rostov Zoo-Bolshoi Moscow State Circus). Such events can not take place.

Working Group Chair expresses his hope that, despite the distances that separate EARAZA zoos, we will start together with projects that will create the best possible places for animals and increase the efficiency of breeding endangered species.

*Patryk Pyciński, Working Group Chair (Warsaw, Poland)*

### - Working Group on Public Aquariums

In 2020, the following events were organized by the Working Group:

1. On February 14-15, a scientific and practical workshop *Husbandry of marine mammals under artificial conditions* was held at the Mosquarium Centre of Oceanography and Sea Biology. The workshop was attended by over 100 participants representing zoos, aquariums and dolphinariums of various cities including Anapa, Gelendzhik, Izhevsk, Moscow, Novosibirsk, Odessa, Ryazan, Sochi, St. Petersburg, Vladivostok, Voronezh, Yaroslavl, Yekaterinburg, and others. Two-day-long workshop included presentations, roundtables and master classes in four thematic sections: marine mammals veterinary; water preparation; husbandry and training of marine mammals; dolphin assisted therapy. Of special interest were the veterinary presentations focused on the algorithms of testing and assessment of gas and electrolyte levels in the blood of bottlenose dolphins and on the importance of the selection, application, and indications for use of the ultrasound machines. The technique of abdominal ultrasonic scanning in small cetaceans was demonstrated. At the Water Preparation section the participants discussed technologies of water preparation, with special focus on water quality monitoring systems and automated dosing system response to water condition changes. The presentation on the interactions between keepers and three killer whales at the Mosquarium Centre attracted a lot of interest. For the first time in the history of these workshops, the participants were provided with the opportunity to attend a killer whale training session and observe the work of trainers and behaviours of killer whales.
  
2. The 4<sup>th</sup> International Conference *Public Aquariums in the Modern World* was held at St. Petersburg *Neptune* Oceanarium on May 21-22. To help reduce the risk of infection with coronavirus among the participants of the Conference, it was decided that the Conference would be held as a virtual event on Zoom platform. 272 specialists from 38 countries participated in the Conference. A great interest was attracted to the thematic roundtables:
  - Presenter N. V. Menshikova: *Current Legal Framework related to Oceanariums*
  - Presenter S. I. Chubarov: *Plants in Aquatic Expositions of Public Aquariums*
  - Presenter V. Korobkov: *Ecological Education Based on the Expositions of at Public Aquariums*. In the preparation for this roundtable we have for the first time used the method of the survey that was circulated among potential participants for identifying the most urgent questions. It has made it possible to prepare the agenda for the discussion, which went as a lively debate.

A highly intensive programme of the Conference sessions included 25 presentations delivered in the frame of four thematic sections and three roundtables; over 100 comments were published in the chat.

<i>Section</i>	<i>The number of presentations</i>
Zoological and botanical collections in oceanariums. Veterinary and ichthyopathology.	5
Modern approaches to designing and construction of oceanariums. Economic aspect of the management of public aquariums. Marketing. Advertising. PR.	2
Work with visitors. Ecological education at public aquariums.	8
Life support systems (LSS). Hydrochemistry. Specialized diving services.	10
Thematic roundtables	3
<b>Total:</b>	<b>28</b>

Participants of the Conference have acknowledged a high professional level of the presentations. A significant increase in the interest towards ecological education compared to the situation at the previous conferences was noted. As expected, the most interesting presentations were delivered by Oleg Yunchis, Endy Aicken, Mark Smith, Joao Correia, and Mike Krauser.

3. On 1-2 October, a roundtable for managers and specialists of Dolphinariums was hosted by Arkhipo-Osipovka Dolphinarium in a hybrid format (both in-person and online on Zoom platform). The roundtable was organized by the EARAZA, UZAR and community engaged in production and maintenance of “Vodyanoi” water preparation and life support systems for animal aquariums and pools. The discussions at the roundtable covered the following topics:
  - Results of the 2020 season – adapting to the new reality;
  - The work of Dolphinariums under the Resolution of Government of the Russian Federation of 30.12.2019 “On the approval of the requirements to the use of animals with cultural and entertainment purposes and to their husbandry” (Resolution N1937) and preparation for the licensing of Dolphinariums;
  - Comments and proposals to the Resolution of the Government of the Russian Federation of 30.12.2019 “On the approval of the requirements to the use of animals with cultural and entertainment purposes and to their husbandry” (Resolution N1937) and Resolution of the Government of the Russian Federation of 30.12.2019 “On the approval of the regulation on the licensing of the activities associated with the management and use of

animals at zoos, circuses, zoological theaters, dolphinariums, and oceanariums”;

- Modern methods of water filtration and decontamination in dolphinariums – prospects and reality.

4. On November 20, 2020, an on-line workshop *Coldwater Aquarium Expositions* was held by the Mosquarium Centre. Thanks to active involvement of experts from Aqua Logo Engineering Company, Mosquarium Centre of Oceanography and Sea Biology, and Aquatica Oceanarium (the city of Kogalym), the programme of the workshop was very diverse. It attracted over 40 participants from 11 Russian cities.

Apart from the planned topics covering the aspects of the management of LSS for coldwater aquarium expositions, the workshop included presentations focused on the use of coldwater exhibits in educational and outreach activities and on the management of guided tours at the Aquatica Oceanarium.

Attention of the participants was attracted to two presentations delivered by the experienced specialists from Aqua Logo Engineering Company. The presentations were focused on the medical treatment of freshwater and marine hydrobionts.

An overview of the diversity of coldwater aquarium exhibits of the Pacific coast of the USA, Canada and Japan, as well as a presentation on the prospects of the development of coldwater exhibits in Russia (both presentations made by Andrey Telegin) not only attracted a lot of interest among the workshop participants but also made them consider the ways of improving the quality, attractiveness, and cognitive value of our expositions.

Information about all events is available on the site of the Working Group: <http://wgpa.ru/meetings2019>

Besides, new methodical materials on the husbandry of certain species of hydrobionts were published on the Working Group’s site.

*A. P. Oppolytov, Working Group Chair (St.-Petersburg, Russia)*

In the reporting period, many zoos participated in the following **EARAZA International Conservation and Research Programs**:

### **1. Conservation of the Steller’s Sea Eagle**

The 21<sup>st</sup> volume of the European Studbook for the Steller’s Sea Eagle has been prepared based on the data on the Steller’s sea eagles that were kept in European collections in the period from 01.01.2020 through 31.12.2020. As of 31.12.2020, the European population stood at 364 (172.184.8) Steller’s sea eagles kept at 101 zoos and breeding centres. Of these birds, 29% are kept at 23 EARAZA institutions. The numbers of birds, as well as that of their holders have decreased because the data on

some collections (primarily private ones) were removed from the Studbook data base because those holders had not provided information for the Studbook for several years, which made the data on their collections unreliable. In 2020, 8 chicks hatched in 6 zoos and breeding centres. Breeding of several pairs was suspended because of the overrepresentation of their genes in the population and shortage of space for potential offspring. One adult female died in the reporting period.

Nine transfer recommendations were given in 2020 aimed at establishing new breeding pairs; these recommendations, among others, include:

- Transfer of the male N T00377 (born at Almaty Zoo in 2014) from Almaty Zoo to Minsk Zoo for pairing with the wild born breeding female N T00108;
- Transfer of the male N T00151 (born at Almaty Zoo in 2004) from Yekaterinburg Zoo to Rostov-on-Don Zoo for pairing with the adult wild born female N T00052 (the female already laid eggs);
- Transfer of the male N T00525 (born 15.03.2019) from Roev Ruchei Zoo to Primorsky Safari Park for establishing pair with the female kept at Primorsky Safari Park (born at Novosibirsk Zoo);
- Transfer of the male N T00501 (born 03.05.2018) from Primorsky Safari Park to Shimkent Zoo for pairing with the female N T000507 born at Almaty Zoo;
- Transfer of the male born in 2020 from the Bird Park Avifauna (the Netherlands) to the Bird Breeding Center Meijel (the Netherlands) for establishing a breeding pair (new genetic line) with the female N T00470 .

The work was continued on the preparation for the new important stage of the program, restoration of the Steller's sea eagle population through reinforcement of the existing population. As could be expected, the greatest challenge at this stage is funding. Negotiations on the issue of attracting funds for the project have been carried out.

Recommendations on improving enclosure design or construction of new enclosures for Steller's sea eagles were given to the Zendec Zoo (Poland), Zoo Delle Maitine (Italy), and Parco Faunistico Capeller (Italy).

The Coordinator continued her training on the use of ZIMS Population Management module.

Unfortunately, a planned field trip of Vladimir Masterov (Lomonosov Moscow State University) aimed at the monitoring of the Steller's Sea Eagle wild population in Lower Amur Region and Sakhalin Island was cancelled due to Covid-19 pandemic.

*Report has been prepared by L. Kurilovich, Program Coordinator,  
Keeper of ESB for the Steller Sea Eagle, Moscow*

## **2. Conservation of the Mountain Ungulates of Eurasia**

In 2020, EAZA Caprinae TAG presented a new Regional Collection Plan for the subfamily Caprinae. As expected, the EEP status has been assigned to the larger number of Caprinae species, including all three subspecies of the takin kept at zoos.

For EARAZA zoos, it means that stricter rules will be applied to the transfers of offspring to non-EAZA zoos, and in some cases such transfers will be impossible. EEPs have been established for the following species and subspecies of Caprinae: the Bukharan (Heptner's) markhor (*Capra falconeri heptneri*), the Chinese goral (*Naemorhedus griseus arnouxiensis*), all subspecies of the takin (*Budorcas taxicolor* spp.), the West Caucasian tur (*Capra caucasica*), the urial (*Ovis orientalis*, *Ovis vignei*), the Nubian ibex (*Capra nubiana*), the Barbary sheep (*Ammotragus lervia*), the chamois (*Rupicapra rupicapra*), the wild goat (*Capra aegagrus*), and the species that is probably cannot be referred to as a mountain ungulate – muskox (*Ovibos moschatus*). The bharal or blue sheep (*Pseudois nayaur*) is assigned a status of ESB species. Of course, not all of the listed species/subspecies are included in the EARAZA programme for the conservation of mountain ungulates, but we believe this information will be useful for the staff of UZAR/EARAZA zoos.

As to EARAZA Program, it should be noted that the ungulate diversity in EARAZA zoos demonstrates a steady downward trend. This includes a decline in the diversity of ungulates in the zoos of Almaty, Karaganda, and Shimkent and in the numbers of mountain ungulates in the unique collection of Tallinn Zoo. Because of the strict quarantine measures aimed at the control of the sheep and goat pox virus, the Moscow Zoo's Breeding Centre will not be able to keep mountain ungulates except for takins for some period of time (which is determined by the state veterinary authority of the Moscow Area and the current veterinary legislation). Only Novosibirsk Zoo strives to increase its collection of ungulates and breed argali; according to data from ZIMS, there are only two zoos in the world, Novosibirsk Zoo and Sibiu Zoological Garden in Romania, that keep this subspecies of the mountain sheep. However, as said above, because Novosibirsk Zoo has a status of EAZA Candidate Member, there are some limitations applied to the transfers of animals from Novosibirsk to non-EAZA institutions.

Concerns have been raised about the future of two species of mountain ungulates included in the EARAZA program – the wild goat and the Armenian mouflon (*Ovis aries gmelini*); the number of these species holders has not increased for several years, and the risk of the gradual loss of the species diversity of mountain ungulates in EARAZA collections is very high. Bitter experience of the Moscow Zoo that has lost many ungulates of unique species as a result of the outbreak of the sheep pox virus and goat pox virus demonstrates that the number of holders of certain ungulate species should be significantly increased.

In the future, it will be necessary to concentrate on much needed increase in the numbers of ungulate holders and distribution of animals of the most rare ungulate species/subspecies, such as the wild goat, the Armenian mouflon, and the argali, among EARAZA zoos.

We would like to remind you that some EAZA and AZA Animal Husbandry Guidelines are available in the *Translations* section on the EARAZA website. In particular, you can download translated texts of the Husbandry Guidelines for Turkmenian Markhor (*Capra falconeri heptneri*) (prepared by EAZA Sheep and Goat

Tag), EAZA Best Practice Guidelines for the Muskox (*Ovibos moschatus*), and Basic Takin Husbandry Guide.

Any EARAZA member zoo can participate in the EARAZA Program on the Mountain Ungulates of Eurasia. The size of the zoo is not very important, and it does not matter whether the zoo maintains a single ungulate species or a dozen of species of the mountain ungulates. Each zoo population of a certain species considered as a target species in EARAZA conservation program is a part of the whole EARAZA population, with each zoo being of great importance.

If you have any questions relating to the participation in the EARAZA Program for Mountain Ungulates of Eurasia, please, email to the Moscow Zoo's Scientific and Methodical Division/EARAZA Information Centre ([earaza@mail.ru](mailto:earaza@mail.ru); [couprey@gmail.com](mailto:couprey@gmail.com)) or send a letter to EARAZA: EARAZA via Moscow Zoo, B. Gruzinskaya 1, Moscow, Russia 123242.

*Report has been prepared by N. Karpov, Moscow*

### **3. Conservation of Eurasian bustards**

#### ***Part 1***

There are six bustards kept at the Moscow Zoo's Breeding Centre in 2020, including a male born in 2017, two females born in 2018, a female born in 2004, and two females born in 2005. Though the male was still too young, he made attempts at demonstrating lekking behaviour. No mating was observed. Adult females laid several infertile eggs. Two pairs of bustards are kept at the *Malinki* South Bird Park (a city of Shakhty, Rostov oblast). So far, no breeding has been registered.





Expedition of the Moscow Zoo's staff members to Saratov Oblast was carried out on May 15 through 28, 2020 with the aim of collecting eggs from the clutches of the great bustard (*Otis tarda tarda*) threatened by the risk of destruction by agricultural machinery.

The following regions were surveyed during the field trip: Sovetsky, Rovensky, Fedorovsky, Petersky, and Novouzensky, with the whole distance of the dirt roads on agricultural lands reaching 2,000 km. Unfortunately, because of Covid-19 lockdowns in two regions – Ershovsky and the most studied Krasnokutsky region – it was not possible to implement surveys in those areas. As before, the experience of this year has shown that the most agricultural activities (the period when the great bustard clutches are threatened by the risk of being destroyed by agricultural machinery) are usually completed by middle May. Birds were already absent in the lekking grounds; there was just one occasional observation of a male. It means that in order to be able to collect eggs at the early stage of incubation and major agricultural works, all relevant permits should be obtained before the end of March. Besides, the reduction of the bustard population in Saratov Oblast makes it necessary to monitor and collect





eggs from all clutches facing the risk of destruction in the regions located through the left-bank territory of Saratov Oblast where bustard nesting grounds are found, including Krasnokutsky, Petersky, Yershovsky, Dergachevsky, Novouzensky, Rovensky, Sovietsky, Fedorovsky, and Engelsky Regions.

There were several encounters with great bustards; one male was scared off the ground in the Saratovsky Sanctuary in Fedorovsky region and another four males were feeding in a large, newly ploughed field in Volgograd oblast neighbouring Krasnokutsky region. It is very difficult to see the females and their alive clutches at this time of the year, with winter crops reaching a height of 30 plus cm.

The permit N36 for collecting 20 great bustard eggs in the wild was valid for the period 18.05–25.05, 2020. In the course of the permit registration and closing, negotiations were held with the officials from the Ministry of Natural Resources and Environment and Federal Supervisory Natural Resources Management Service (Rosprirodnadzor) of the Russian Federation. It was found out that the rejection of our application was caused by the negative previous experience associated with the programme for the great bustard conservation in Saratov region that was implemented in 1980-2000. In that period, all bustard eggs were collected and up to 100% of incubated eggs and newly hatched chicks died. Our purposes and plans, in contrast, have been appreciated by the management of Saratov and Penza oblasts, and we were reassured that our next application would be most likely approved.

Negotiations on the future cooperation in the area of great bustard conservation were carried out with Victor Savinov, Director of Khvalynsky National Park, and a preliminary agreement on signing a relevant MoU was reached. We have also had a meeting with Alexander Antonchikov, Director of Saratov branch of the Russian Bird Conservation Union, to discuss potential plans of cooperation. We are primarily interested in the local ornithologists' knowledge and skills in the area of the population conservation and monitoring techniques.

Therefore, in the future, it will be necessary to start field works before April 15. It will allow for discussing our plans with most farmers, distributing information about our activities, and contacting all interested parties. That means that the paperwork should be completed in March.

*Report has been prepared by P. Rozhkov, Program Coordinator, Moscow*

## **Part 2**

In the breeding season of 2020, two 6-year-old females and one 10-year-old male of the great bustard bred at the Karasuk Breeding Station of the Institute of Taxonomy and Ecology (Siberian Division of the Russian Academy of Sciences), an experimental farm of the Novosibirsk Zoo named after R.A. Shilo. These birds have been kept at Karasuk since October 2017, on terms of the loan agreement signed between Karasuk Breeding Station and Rostov-on-Don Zoo. Both females laid eggs, and one chick of each female successfully hatched. It should be noted that one of the chicks hatched as a result of natural breeding, including the stages of mating, egg

incubation, and hatching. The chick hatched in the nest on the 22<sup>nd</sup> day of incubation (Fig. 1). The female actively demonstrated maternal behaviour: she protected the chick, produced vocal signals, and tried to feed the newborn (Fig. 2). It was however decided not to risk the chick's life by leaving it with the inexperienced female so the chick was removed from the female for artificial rearing.



*Figure 1. Already dry newly hatched chick next to the female sitting on the nest.  
(Photo courtesy of V.A. Shilo)*



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*Courtesy of V.A. Shilo*

Due to video monitoring, new data have been obtained on the full cycle of natural breeding of the great bustards kept in enclosures. We have also managed to observe mating behaviour of the birds, as well as the processes of egg incubation and chick hatching in the nest under the female great bustard.

*Report has been prepared by V.A. Shilo, Cand. of Biol. Science, and S.N. Klimova, Novosibirsk*

#### **4. Conservation of Rare and Endangered Geese of Eurasia**

In 2020, two pilot releases including five white-headed ducks were implemented: 1) release of birds in pairs and 2) release of the female prior the onset of (fertilized) egg laying. Two established pairs of adult white-headed ducks were released on May 25, before the onset of egg laying. The male and the female from each pair were fitted with neck bands and plastic leg rings of the same colour, white in the first pair and red in the second pair (Fig. 1).



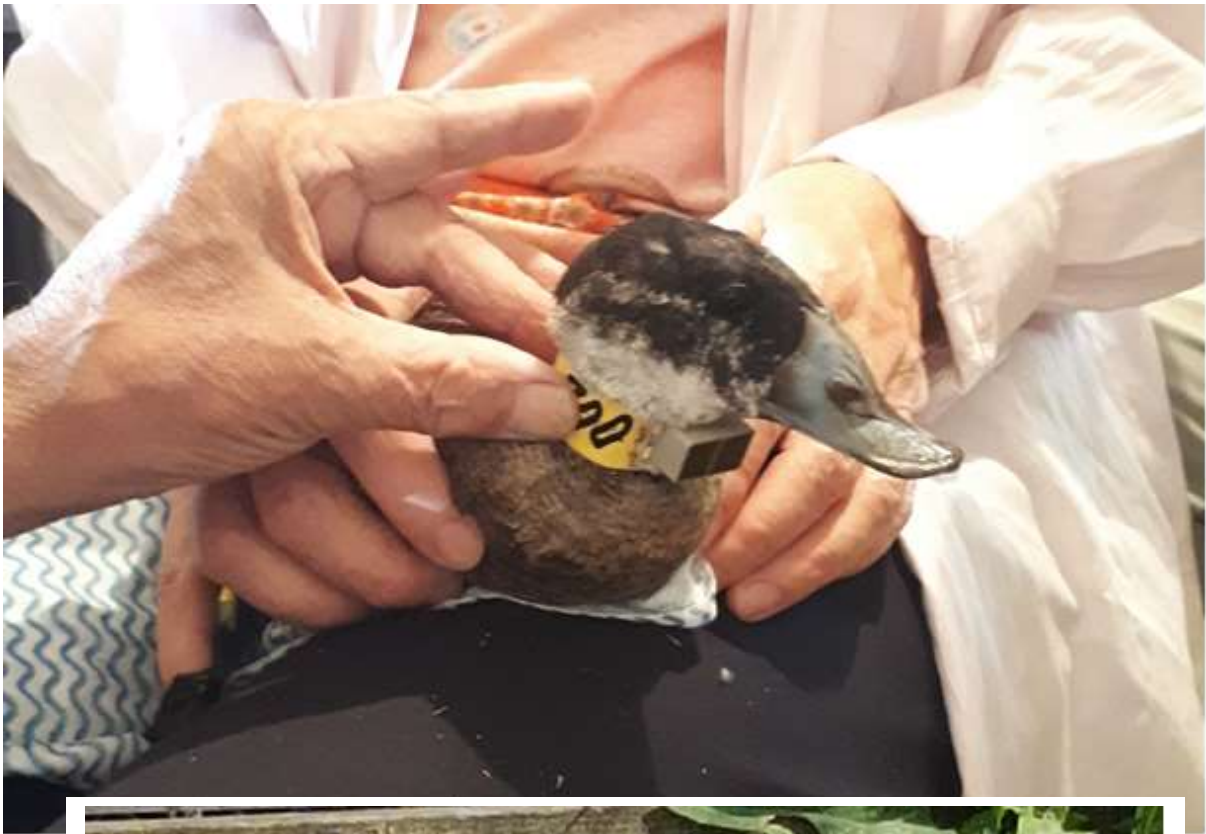


*Karasuk. (Photo courtesy of V.A. Shilo)*

One more female fitted with the yellow plastic neck band and leg ring was released on June 24. This female mated with a male in the enclosure before the release and was ready to lay eggs, which was evident from the rapid weight gain. According to data obtained from the staff of the *Strizh Ecological Centre*, the females most likely laid eggs but did not sit on them as the eggs were later found abandoned. Artificial incubation resulted in the death of the embryos.

During the summer, the released birds were seen in different areas of the lake, in some cases in association with wild white-headed ducks and other waterfowl, staying close to each other. Released males demonstrated lekking behaviour, fed successfully and occasionally flew to another lake.

Studies aimed at the selection of the optimal means of bird marking were continued in 2020. Already used methods were tested to identify potential drawbacks and new means were being developed. As an experiment on testing the reliability and relevance of different GPS tracker fitting methods, two young males kept in enclosures were fitted with GPS trackers in two different ways. In one of the males, the GPS tracker was installed in the neck band, while in the other male, it was secured on the back with a strap (Figures 2 and 3).



*white-headed duck with the use of a strap (Photo courtesy of V.A. Shilo)*

White-headed ducks are kept in the enclosures for future observations. The studies aimed at the conservation and restoration of the wild population of the white-headed duck were continued in collaboration with the Interregional Public Organisation

*Strizh Ecological Centre.* A joint project “A Future for White-Headed Ducks!” has been supported by the Presidential Grants Foundation.

*Report has been prepared by  
V.A. Shilo, Cand. of Biol. Science, and S.N. Klimova, Novosibirsk*

EARAZA zoos continued activities aimed at the development of the methods of breeding of other rare *Anseriformes* species. For instance, chicks of the West Indian whistling duck (*Dendrocygna arborea*) have been raised at Prague Zoo and chicks of the Hawaiian goose (*Branta sandvicensis*), at the Zoo of Demidov; red-breasted geese (*Branta ruficollis*) have bred at Riga Zoo, Madagascar teals (*Anas bernieri*) and Meller's ducks (*Anas melleri*), at Dvur Kralove Zoo; marbled ducks (*Marmaronetta angustirostris*) continued breeding at Prague Zoo and Ferruginous pochards (*Aythya nyroca*), at the zoos of Bratislava, Warsaw and Dvur Kralove. Rare Far Eastern ducks – the Baer's pochard (*Aythya baeri*) and the scaly-sided merganser (*Mergus squamatus*) – have bred at Prague Zoo. As described above, white-headed ducks are bred successfully at the Karasuk Breeding Station. As in the previous years, good results have been achieved in the breeding of mandarin ducks and a number of other duck species. A total of 50 *Anseriformes* species bred at EARAZA zoos in 2020, which is by 5 species more than in 2019. Unfortunately, no breeding was registered in 2020 in a number of rare duck species including the tundra swan, the swan goose, the emperor goose, the Aleutian Canada goose, the Cape Barren goose, and others. At the same time, it can be stated that the population of the Aleutian Canada goose has been restored in Northern Kuril Islands. The reintroduction program for the Aleutian Canada goose has been carried out under the leadership of the famous ornithologist Dr. Nikolai Gerasimov for 20 years. The geese were raised at the Breeding Station in the suburbs of the city of Elizovo (Kamchatka oblast) and then released into the wild (in the islands free of terrestrial carnivores) in small groups. Observations show that over 7,500 Canada geese stayed in the wintering grounds in Japan in the recent years.

*Report has been prepared by V.A. Ostapenko, Doctor of Biol. Sciences,  
Program Coordinator, Moscow*

## **5. Conservation of Eurasian cranes**

Data on the breeding of rare cranes of the Palearctic collected by circulating the questionnaires to the 33 holders show that cranes of three rare species successfully bred in 19 institutions.

Siberian cranes bred at nine zoos; 16 eggs were laid by the females from 18 pairs, but only 7 of all eggs turned out to be fertilized. As in the past year, eggs from three clutches of Siberian cranes were not incubated (at Tallinn Zoo, DoDo Zoo, and Park of Flora and Fauna “Rojev Ruchej”). At Tallinn Zoo, eggs were not incubated because of the problems associated with the lack of holders for the chicks produced in previous years, while DoDo Zoo, and Rojev Ruchej Zoo have to deal with



inbreeding issues. Transportation of eggs of the Siberian crane from the zoos of Ivanovo and Yaroslavl to the Rare Crane Breeding Centre of the Oka State Reserve (hereinafter called Oka Reserve) for further incubation, raising of the chicks, and releases of young cranes into the wild was cancelled because of the Covid-19 pandemic. A total of 7 eggs hatched and 3 chicks were successfully raised at the Oka Reserve.

Japanese cranes bred at 15 zoos. 22 breeding females have produced 32 fertilized eggs; 12 of the eggs have hatched and 10 chicks have been raised. Because of the reduction in the demand for this species some institutions did not incubate Japanese cranes' eggs. The females were provided with the possibility to produce eggs, but then the eggs were replaced by dummy eggs.

Because of the coronavirus pandemic the transportation of Japanese crane eggs from Oka Reserve to the Reintroduction Station for Rare Bird Species in the Khingansky State Nature Reserve was cancelled. On the request of the staff of the Reintroduction Station, the hatched chicks were reared by their parents at Oka Reserve. In October, all young birds were separated from their parents and moved to one enclosure for socializing. In the spring of 2021, three birds (one male and two females) were transported to the Reintroduction Station for their release into the wild.

Two-year-old male started breeding at Limpopo Zoo. Such an early onset of reproduction is a rare event in Japanese cranes.

White-naped cranes bred at 8 zoos, with two of the zoos having stopped the incubation. A breeding pair consisting of the male and female that killed their former mates was established at the Moscow Zoo's Breeding Centre. The history of these cranes once again confirms the mate choice selectivity of cranes. Eleven breeding females produced eight fertilized eggs, two of which hatched (at Moscow Zoo and Reintroduction Station).

Eight zoos participated in the exchanges of cranes with the aim of establishing new pairs or replacing one of the partners.

Reintroduction programs for rare crane species were continued. In April, eight young Japanese cranes and one young white-naped crane were released into the wild in the vicinity of the Khingansky State Nature Reserve (Amur oblast). All birds were fitted with standard plastic rings bearing ID numbers and one crane was additionally fitted with GPS transmitter. Observations of the Reserve staff indicate that the birds quickly adapted to their wild environment. During the year, reports were obtained on the encounters with eight cranes that were released into the wild earlier.

Six yearlings of the Siberian crane raised in the Oka Reserve were transported to the Kunovat Nature Sanctuary (Yamal-Nenets Autonomous Area) and released into the wild on June 9. All birds were marked with colour plastic and standard aluminum rings and fitted with GPS-GSM transmitters. Visual observations by the rangers of the Sanctuary confirmed that the cranes stayed within the release area for quite a long time; they were out of the coverage of the cellular network. The signals were first received in October, from the border between Tyumen oblast and Kazakhstan.



Experiments on the releases into the wild of the common crane chicks raised at Oka Reserve were continued with the aim of testing crane rearing, marking, and remote tracking techniques that were used in the Siberian crane reintroduction program, as well as at collecting data on the chicks abandoned by their parents. In early September, two young common cranes raised in the Oka Reserve were released in the wild crane aggregation area nearby the Reserve. Direct observations and data obtained from GPS-GSM transmitters that were used for bird tagging have demonstrated that one of the cranes flew to the area located close to the release site and stayed there until the end of November. After that, the bird flew to Sasovsky region and moved to a poultry yard where it was caught by local people who returned it to the Reserve. The other bird joined a flock of wild cranes and successfully arrived to the cranes' wintering grounds in Turkey, which fact was confirmed by the signal from the GPS-GSM transmitter.

*Research.* During the year, blood samples from the cranes of unknown sex were obtained from 13 EARA ZA zoos for testing. Genetic analysis of the blood and tissue samples of 43 cranes belonging to 5 species was performed with the use of 7-10 microsatellite loci at the Vavilov Institute of General Genetics. Sexes of 43 cranes were determined; for two cranes sexing was done with the use of DNA obtained after hatching from the blood samples from egg allantois vessels. Besides, the sexes of two embryos that died at different stages of development were determined. For one Siberian crane the paternity was confirmed at multiple artificial insemination. Results of the tests were confirmed by the PCR analysis implemented by the Moscow Zoo's laboratory of assisted reproduction.

*Report has been prepared by T.A. Kashentseva, Cand. of Biol. Sciences,  
Program Coordinator, Oka State Reserve, Ryzan oblast*

## **6. Establishing reserve populations of the Siberian spruce grouse *Falci pennis falcipennis***

On April 23, 2020, before the onset of breeding, 23 Siberian spruce grouses (11 males and 14 females, all birds born in 2019) were released into the wild in the Petenevskiye Elniki Sanctuary located in Maslyaninsky District of Novosibirsk Oblast. All Siberian spruce grouses were born in the enclosure complex of the Karasuk Breeding Station. According to the developed protocol, the birds were released in the specially equipped feeding areas before the onset of breeding season. The birds were marked with aluminum leg rings (Fig. 1). Lekking behaviour was observed in the males after the release.



*Fig.*

*tesy*

*of V.A. Shilo)*

*Report has been prepared by V.A. Shilo, Cand. of Biol. Science, and S.N. Klimova, Programme Co-coordinators, Novosibirsk*

## **7. Study, Conservation, and Breeding of the Pallas's Cat *Otocolobus manul***

As almost all EARA ZA zoos holding Pallas's cats participate in the EAZA Ex-situ Programme (EEP) for this species, the regional population is an integral part of the European population that is managed by EEP Coordinator.

Works aimed at improving husbandry techniques for the management of Pallas's cats were carried out on a regular basis. Zoos were advised on husbandry methods, as well as on the prevention and treatment of diseases in Pallas's cats.

An important event was the formalizing of the Pallas's Cat Working Group (PCWG). The PCWG's mission is to ensure the continued existence of wild Pallas's cats and their native habitats wherever they occur. Pallas's Cat Working Group brings together specialists involved in the study and conservation of Pallas's cats in nature and in captivity, and other interested people to exchange information and experience, provide advice, and organize joint projects. The activity of PCWG will be focused on six regions of the Pallas's cat range:

1. South-Western range (Armenia, Azerbaijan, Iran, Pakistan, Afghanistan)
2. Mongolia
3. The Himalayas (Nepal, Butan, and India)
4. China
5. Russia and Kazakhstan
6. Central Asia (Uzbekistan, Kyrgyzstan, Tajikistan, Turkmenistan).

Irina Alekseicheva is a member of PCWG, representing region 5 (Russia and Kazakhstan).

EARAZA Program has been traditionally focused on the wildlife education but these activities were not implemented in 2020 because of the Covid-19 pandemic.

*Report has been prepared by I. Alekseicheva, Program Coordinator, Moscow*

## **8. EARAZA Program for the Amur tiger *Panthera tigris altaica***

In 2020, Program Coordinator Alla Glukhova provided participating zoos with advice on various issues of the captive management of Amur tigers. Transfer and breeding recommendations were circulated to all participants of the Program in the end of 2020. In January 2021, Alla stepped down from the Coordinator position. Currently, EARAZA is looking for candidates for the position of the Coordinator of this important program.

## **9. Conservation of Rare Sturgeon Species of the Palearctic**

### **The Sakhalin sturgeon (*Acipenser mikadoi*)**

From March 6 through 27, 2020, Vyacheslav Shebanin from the Aleksin sturgeon hatchery attempted to breed Sakhalin sturgeons of 2008 generation, which hatched from the eggs and were reared in the pools. Vyacheslav worked in a pilot regime focusing his work on the breeding of three adult males and three adult females.

Blue clay was used as de-sticking substance. The following important observations have been made:

1. Intensive mechanical agitation of eggs with sperm during 3-4 minutes resulted in the hatching rate of about 10%.
2. Mixing of eggs with sperm without intensive agitation and storage of the mix for 10-15 minutes led to the hatching rate of about 70%.
3. Fertilized eggs of two females did not show adhesiveness therefore the eggs did not need de-sticking. These eggs were used for the incubation.
4. Fertilized eggs of the third female did have an adhesive layer so the adhesion had to be removed using blue clay. After the application of de-sticking substance, the eggs turned to be 90% of marble colouration, which meant that they could not be used for artificial incubation.
5. While beginning the incubation at the temperature 13-15°C and observing the death of embryos at neurulation stage, Vyacheslav decided to base his experiments not only on hydrochemical parameters of incubation but also on the use of lower temperatures. This decision resulted from the assumption that spawning of Sakhalin sturgeons and development of eggs and larvae occur in the period of intensive snow melting in the upstream of the Tumnin River. Little is known about the spawning grounds of Sakhalin sturgeons but some observations indicate that favourable areas are located in a few kilometres upstream from the estuary of the Tumnin River; water there is sufficiently cold (about 10-13°C) and desalted due to significant recharge of melt waters.

6. The eggs were divided into several lots. Incubation of each lot was performed at the experimental temperatures varying from 5 to 15°C (mainly at 13-14°C).
7. Incubation of different egg lots was carried out under different hydrochemical regimes (for detailed data on the regimes please contact Alexey Cherniak, Program Coordinator: email: [alexeycherniak@yandex.ru](mailto:alexeycherniak@yandex.ru))



Many embryos died at the stage of late neurulation, and embryos in almost all the remaining eggs died at a later stage. Just seven embryos in the eggs incubated in desalted water survived by April 8, 2020. One embryo died and six eggs hatched on April 9 though three larvae of the six had deformed spinal chord.

By 18.04.2020, four larvae survived and were put in the fish tank. At the temperatures 7-13°C larvae demonstrated passive behaviours. An increase of the temperature to 16°C resulted in the distress in larvae therefore the temperature was reduced to 12-13°C. Stones and pebbles were put in the tank because in 2007-2008, curious behavioural features were observed in the course of artificial incubation of Sakhalin sturgeon

larvae; after hatching, they tried to hide away either in the corner (in the incubator) or under the pebbles (in the tray). The larvae stayed under the stones even during feeding. Probably, this behaviour has developed in the wild population because it helped prevent the risk of being carried away by the swift currents of the Tumnin River, which would take the larvae in salty waters that run from the Strait of Tatyry far upstream along the Tumnin riverbed, and result in osmotic shock.

Two larvae of the Sakhalin sturgeon had survived in the fish tank by April 27. The water temperature was maintained at 12-13.5°C.

In early May 2020, water temperature raised up to 14-17°C due to the increase in ambient temperature. Vyacheslav Shebanin still kept the larvae in



desalted water (using the method of reverse osmosis) and fed them primarily on chopped sludge worms. From May 2, Vyacheslav started adding river water into the tank.

Only one larva had survived by middle May; at that time it was kept in freshwater tank (water originated from the Oka river). The tank was a plastic 10L container; the temperature was maintained at 12-17°C depending

on ambient temperature. The larva was fed two times a day with chopped sludge worms. It was active in the evenings, in almost complete darkness.

On 26.05.2020, the larva died. In the last days, it was fed once a day. The cause of death is unknown.

Owing to the assistance of experts from Aqua Logo Engineering Company and support from EARAZA, it became possible for the staff of the Aleksin sturgeon hatchery to feed the breeding Sakhalin sturgeons (of 2008 generation) on the “flat cakes” made of minced shrimp, mussels and saffron with added VITALIS STURGEON formula produced by Skretting company (France). From 2.07.2020, the sturgeons were fed on a daily diet containing 1.5 kg of the flat cakes and 2 kg of VITALIS STURGEON food. Large quantities of flat cakes were made for future use and stored in the fridge. The minced seafood contained the following quantities of the three components: 12 kg of saffron pod, 5 kg of mussels and 7 kg of shrimp. From early November, the daily portion of the food was increased to 2 kg of minced seafood and 2 kg of VITALIS STURGEON food. The sturgeons were fed on this diet until early December of 2020. According to the last assessment, the number of Sakhalin sturgeons at the Aleksin hatchery has reached 75 individuals.

The technology of the breeding of Sakhalin sturgeons from wild caught females developed by Victor Khrysanfov was transferred to the Annui fish hatchery and the information on this technology was published.

Since 2016 and up to the present, the FSI (Federal State Institution) Amurribvod has annually attempted to catch breeding Sakhalin sturgeons in the Tumnin River. The Annui fish workshop of Amurribvod (currently, Amur branch of Glavrybvod) continues the work aimed at the breeding of Sakhalin sturgeons from the males of 2008 generation that were produced by wild founders in 2007-2008 in the course of our joint expeditions and raised in the pools. The breeding is aimed at the supplementation of the reserve population and release of sturgeon fry into the Tumnin River for the restoration of the wild population of the Sakhalin sturgeon. In particular, over 4,000 specimens of Sakhalin sturgeon fry produced and raised at the Annui fish workshop were released into Tumnin River in 2017; over 4,700 specimens, in 2018; and more than 4,900 specimens, in 2019. Work on catching new founders was carried out also in 2020. However, no sturgeons were caught in 2020 because of the delay in obtaining necessary permits and late beginning of catching works (by that time, breeding sturgeons most likely had already moved to the spawning grounds located upstream where catching by net throwing is impossible because of the riverbed structure specifics).

In 2021, employees of the Amur branch of Glavrybvod had started the catching activities by the onset of the sturgeon spawning migration in middle May.

### **The kaluga (*Huso dauricus*) and the Amur sturgeon (*Acipenser schrenckii*).**

In 2020, staff of the sturgeon hatchery of Aleksin town (Tula Region) achieved a success in obtaining offspring from Amur species of the sturgeon, the kaluga and the Amur sturgeon. Larvae of both species that were in 2009 obtained by the wild founders in the Lower Amur (Khabarovskiy krai) by the employees of the Glavrybvod Federal State Budgetary Institution in cooperation with the staff from Moscow Zoo were in the same year transferred to the Aleksin sturgeon hatchery under EARAZA program for Conservation of Rare Sturgeon Species of the Palearctic. By 2017,

breeding stocks of kalugas and the Amur sturgeons had been established at the Aleksin sturgeon hatchery. In 2020, the breeding stocks increased due to the successful breeding of both species.

**The Amu Darya sturgeon (*Pseudoscaphirhynchus*)**

On May 31, 2020, the Khorezm Mamun Academy in Khiva announced that the Project for Amu Darya sturgeon conservation would be indefinitely suspended. In the last two years, the Project was not supported by Russia and was only provided with very restricted funds in Uzbekistan. We were not able to acquire some critically important equipment. A search for international grants is carried out for resuming the activities aimed at the development and improvement of the Amu Darya sturgeon maintenance and breeding techniques, introduction of fish in aquaculture, creation of breeding stock (gene pool), study of this species biology, detection of the spawning grounds, and development of efficient methods of the conservation of wild populations of the Amu Darya sturgeon in Uzbekistan and Tajikistan.

*Report has been prepared by A.L. Cherniak, Program Coordinator,  
Moscow*

**10. Scientific and Conservation Program “Sexing birds with the use of the PCR (Polymerase Chain Reaction) method**

In 2020, PCR method was used for sexing birds from the following institutions:

1. Moscow Zoo’s Breeding Centre – 3 birds (1 fish owl; 1 white-naped crane; 1 Siberian crane);
2. Primorsky Safari Park – 2 birds (both peregrine falcons);
3. Kaliningrad Zoo – 10 birds (1 great white pelican; 3 greater flamingos; 2 white storks, 2 grey parrots; 1 jandaya parakeet; 1 common crane);
4. Rostov-on-Don Zoo – 5 birds (2 turquoise-fronted amazons; 1 orange-winged amazon; 1 red-and-green macaw; 1 barn owl);
5. Shymkent Zoo – 1 bird (saker falcon);
6. Abakan Zoo – 6 birds (3 Dalmatian pelicans; 1 mute swan, 1 common crane; 1 demoiselle crane);
7. Bolsherechye Zoo – 5 birds (all Dalmatian pelicans);
8. Izhevsk Zoo – 2 birds (2 common cranes);
9. Malinki Zoo (city of Shakhty) – 5 birds (5 demoiselle cranes);
10. Yaroslavl Zoo – 2 birds (both common buzzards);
11. Vorobyi Bird Park – 3 birds (all Humboldt penguins);
12. Lipetsk Zoo – 8 birds (6 Japanese cranes; 1 demoiselle crane; 1 common crane);
13. Rare Crane Breeding Centre of the Oka State Reserve – 11 birds (2 common cranes; 6 Siberian cranes; 3 Japanese cranes).

In total, sex determination was performed in 63 birds of 20 species.

*Report has been prepared by O. Nesterenko,  
Program Coordinator and Executive Officer, Moscow*

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