



**ПРАВИТЕЛЬСТВО МОСКВЫ**

**ДЕПАРТАМЕНТ КУЛЬТУРЫ ГОРОДА МОСКВЫ**

***GOVERNMENT OF MOSCOW  
MOSCOW DEPARTMENT OF CULTURE***

**ЕВРОАЗИАТСКАЯ РЕГИОНАЛЬНАЯ  
АССОЦИАЦИЯ  
ЗООПАРКОВ И АКВАРИУМОВ**

***EURASIAN REGIONAL ASSOCIATION  
OF ZOOS & AQUARIUMS***

**СОЮЗ ЗООПАРКОВ И АКВАРИУМОВ РОССИИ**

***UNION OF ZOOS AND AQUARIUMS OF RUSSIA***

**МОСКОВСКИЙ ГОСУДАРСТВЕННЫЙ  
ЗООЛОГИЧЕСКИЙ ПАРК**

**MOSCOW ZOO**

**СОЗАР**



**СОЮЗ ЗООПАРКОВ  
И АКВАРИУМОВ  
РОССИИ**

**ИНФОРМАЦИОННЫЙ СБОРНИК  
ЗООПАРКОВ И АКВАРИУМОВ**

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***TOM I***

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**2024**



*GOVERNMENT OF MOSCOW  
COMMITTEE FOR CULTURE*

*EURASIAN REGIONAL ASSOCIATION  
OF ZOOS & AQUARIUMS*

*RUSSIAN UNION OF ZOOS AND AQUARIUMS*

*MOSCOW ZOO*

**INFORMATIONAL COLLECTION  
ZOOS AND AQUARIUMS**

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MOSCOW  
– 2024 –

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.

**Chief executive editor:**

**Svetlana Akulova**

**President of the Eurasian Regional Association  
of zoos and aquariums**

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

**General Director of the Moscow Zoo**

**Compiling Editors:** R. Anoshin PhD  
T. Arzhanova  
V. Frolov  
N. Karpov  
L. Kuzmina  
V. Ostapenko Dr., Prof.  
T. Vershinina

## **Eurasian Regional Association of Zoos and Aquariums (EARAZA)**

Bolshaya Gruzinskaya 1.

Moscow 123242

Russia

Phone/fax: +7 499 255 63 64

Email: [earaza@mail.ru](mailto:earaza@mail.ru); [svetlana.akulova2@gmail.com](mailto:svetlana.akulova2@gmail.com).

Web: [www.earaza.ru](http://www.earaza.ru)

### Presidium:

President of the association    Akulova Svetlana  
General Director of Moscow Zoo

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of the association                Guseinov Azer Ogly  
Deputy Director of Baku Zoo

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Gerasichkin Vladimir  
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Curator Animal Collection  
of Haifa Educational Zoo

Prokof’ev Aleksandr  
Head of zoopark Surgut

Ryabthuk Oleg  
Director the Aquarium, Joint-stock company  
“Rubin” of St. Peterburg

Sokolova Svetlana  
Director of Kaliningrad Zoo

## Executive Office Staff

Executive Director	Frolov Vladimir Head of the Scientific and Methodological Department Moscow Zoo
Senior Methodist	Vershinina Tatyana EARAZA Secretary
Chief Accountant	Kuryleva Oksana
Senior Methodist	Arzhanova Tatiana
Methodist	Kuz'mina Larisa

## Union of Zoos and Aquariums of Russia (SOZAR)

Bolshaya Gruzinskaya 1.

Moscow 123242

Russia

Phone/fax: +7 499 255 63 64

E-mail: [sozar@sozar.ru](mailto:sozar@sozar.ru), [svetlana.akulova2@gmail.com](mailto:svetlana.akulova2@gmail.com).

Web: [www.sozar.ru](http://www.sozar.ru)

### Presidium:

President of the association

Akulova Svetlana  
General Director of Moscow Zoo

Council members

Gerasichkin Vladimir  
Director of «Zoo «Limpopo», Nizhniy Novgorod

Gorban Andrei  
Director of the Park of Flora and Fauna "Roev Ruchey", Krasnoyarsk

Malysheva Svetlana  
Director of the Udmurtia Zoo, Izhevsk

Prilepina Svetlana  
Director of the Yekaterinburg Zoo

Ryabchuk Oleg  
Director of the St. Petersburg Aquarium, "Rubin"

Voskresenskii Andrei  
Director of Penza Zoo

### Executive Office Staff:

Executive Director

Vershinina Tatyana  
older Researcher at the Moscow Zoo

Senior Methodist

Меньшикова Нинель  
the methodologist of the Moscow Zoo

Chief Accountant

Kuryleva Oksana





Dear Colleagues,

We offer to your attention the 43<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 147 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 2023, as well as the latest data on the zoological collections of the zoos located in 24 countries including those in CIS states, the UAE, Brazil, Czech Republic, Democratic People's Republic of Korea, Denmark, France, Germany, Israel, Romania, People's Republic of China, Slovakia, Sultanat of Oman 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.

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 EARAZA 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 Russian Union of zoos and aquariums***

S.V. Akulova





**INFORMATION ON THE ZOOLOGICAL COLLECTIONS**  
**on 1.01.2024**  
(Attendance for 2023 year)



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Belarus	4
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Moldova	1
Russia	98
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Turkish Republic	1
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**TOTAL – 147**

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***INFORMATION ON THE ZOOLOGICAL COLLECTIONS***



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

Population – 1.095.000

***Yerevan Zoo***

0025 Yerevan, pr. Myasnikyana 20. Open 1940.

Tel.: (37410) 56-23-62, 56-21-65. E-mail: [director@zoo.am](mailto:director@zoo.am), [info@zoo.am](mailto:info@zoo.am), [info@yerevanzoo.am](mailto:info@yerevanzoo.am), [aslanyanav@gmail.com](mailto:aslanyanav@gmail.com), [coordinator@zoo.am](mailto:coordinator@zoo.am), [coordinator.yerevanzoo@gmail.com](mailto:coordinator.yerevanzoo@gmail.com). Web: [www.zoo.am](http://www.zoo.am). Director: Armen

Harutyunyan. Deputy Director: Ashot V. Aslyan, Arsen Hovhannisyan. Vet: Nune Darbinyan. 73 staff. 35,2 ha. Att. – 300,000. Mammals – 34 spp., 178 specimens; birds – 50 spp., 250 specimens; reptiles – 29 spp., 116 specimens; fishes – 27 spp., 318 specimens; invertebrates – 13 spp. Total: 153 spp., 862 specimens +.

Speciality – rare animals of Armenia and South Caucasus.

**Y E R E V A N**

Population – 1.095.000

***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.Azerbaijan**B A K U**

Population – 2.270.030

***Baku Zoo***

1007 Baku, ul. Bakikhanova 39, AZ. Open 1928.

Tel.: (994) 12 441 04 54. E-mail: [info@bakuzoo.az](mailto:info@bakuzoo.az). Web: [www.Bakuzoo.az](http://www.Bakuzoo.az). Executive Director: Isaeva Nazakyat Sadir gyzy. Deputy Director: Guseinov Azer Ragim ogly. Vet: Suleimanov Elvin Gamlet. 53 staff. 4.25 ha. Att. – 490 048. Mammals – 42 spp., 209 specimens; birds – 38 spp., 167 specimens; reptiles – 28 spp., 170 specimens; amphibians – 6 spp., 19 specimens; fishes – 39 spp., 841 specimens; invertebrates – 4 spp. Total: 157 spp., 1,406 specimens.

**SHAMAKHI**

Population – 85.300

**Safari Park**

5600 Shamakhi Safari Park Pirguli, AZ. Open 2016.

Tel.: + (994) 70-566-77-44. E-mail: [azerekov@gmail.com](mailto:azerekov@gmail.com). Web: [www.safari\\_park\\_shamakhi](http://www.safari_park_shamakhi). Director: Tofik Hasanov. Curator: Ilham Hasanov. Vet: Shamkhal Hasanov. 15 staff. 1 200 ha. Att. – 15 412.

Belarus**GRODNO**

Population – 368.710

**Grodno Zoo**

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: [zooark@mail.grodno.by](mailto:zooark@mail.grodno.by). Web: [www.grodnozoo.by](http://www.grodnozoo.by). Director: Oleg I. Zhdankin. Deputy Director: Timofei Al. Chuprakov. Head of the Zootechnical Department: Cheslav Ed. Sasimovich. Vet: Veronika T. Palcheskaya. 122 staff. 5.3 ha. Att. – 155,533. Mammals – 65 spp., 483 specimens; birds – 85 spp., 648 specimens; reptiles – 41 spp., 97 specimens; amphibians – 8 spp., 13 specimens; fishes – 74 spp., 672 specimens; invertebrates – 52 spp. Total: 325 spp., 1,913 specimens+.

**MINSK**

Population – 1.995.471

**Minsk Zoo**

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

Tel.: (37517) 303-56-20. Tel./fax: (37517) 242-21-75. E-mail: : [info@minskzoo.by](mailto:info@minskzoo.by), [MinskZoo@tut.by](mailto:MinskZoo@tut.by). Web: [www.minskzoo.by](http://www.minskzoo.by). Director: Aleksandr N. Safronov. Deputy Director: Andrei N. Kastyuk. Head of the Zootechnical Department: Tat'yana S. Il'yasova-Kononova. Vet: Aleksei O. Ryabtsev. 153 staff. 14.07 ha. (exposition – 6 ha). Att. – 528,604. Mammals – 76 spp., 386 specimens; birds – 60 spp., 267 specimens; reptiles – 85 spp., 234 specimens; amphibians – 5 spp., 28 specimens; fishes – 81 spp., 957 specimens; invertebrates – 50 spp. Total: 357 spp., 1,872 specimens+.



**V I T E B S K**  
**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.

**No reply.**

**Z H L O B I N**  
**Zhlobin Zoo**

Population – 75.457

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@mail.ru](mailto:zveri.75@mail.ru).

Director: Valerii L. Chechikov. Zoo: Alina S. Moroz. 27 staff. 0.4 ha.

**No reply.**

Bundesrepublik Deutschland



**D E S S A U**  
**Dessau Zoo**

Population – 80.000

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

Tel.: +49-340-61-44-26. Fax: +49-340-66-12-580. E-mail: [Tierpark.Dessau@dessau-rosslau.de](mailto:Tierpark.Dessau@dessau-rosslau.de), [info@tierpark.dessau.de](mailto:info@tierpark.dessau.de), [Dessau@dessau-rosslau.de](mailto:Dessau@dessau-rosslau.de). Web:

[www.tierpark.dessau-rosslau.de](http://www.tierpark.dessau-rosslau.de). Director: Jan Bauer. Deputy Director: Marion Schüler. Vet: Thomas Held. 25 staff. 11 ha. Att. – 137,406. Mammals – 42 spp., 203 specimens; birds – 46 spp., 287 specimens; reptiles – 7 spp., 12 specimens; amphibians – 1 spp., 4 specimens; invertebrates – 9 spp. Total: 105 spp., 515 specimens+.

**NATENDORF**

Население – 756

*Professional Zoo and Animal Equipment (Zooprofis)*

Weinberghof, Wessenstedt 12, D-29587 Natendorf. Open 2005.

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

Director: Daniel Goosmann. 5 staff.

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

**MAGDEBURG**

Population – 242.280

*Magdeburg Zoo*

39124 Magdeburg, Zooallee, 1. Open 1950.

Tel.: 0049/391/280902102. Fax: 0049/391/280905203. E-mail: [ruske@zoo-magdeburg.de](mailto:ruske@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.*Brazil**SAN - PAULO**

Population – 12.330.000

*Aquário de São Paulo*

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

Tel.: (5511) 227-355-00. E-mail: [anael.fahel@aquariodesaopaulo.com.br](mailto:anael.fahel@aquariodesaopaulo.com.br), [fabiana.padilha@aquariodesaopaulo.com.br](mailto:fabiana.padilha@aquariodesaopaulo.com.br), [laura.reisfeld@aquariodesaopaulo.com.br](mailto:laura.reisfeld@aquariodesaopaulo.com.br).Web: [www.aquariodesaopaulo.com.br](http://www.aquariodesaopaulo.com.br). Director: Anael Fahel. Terrestrial Mammals: Fabiana Padilha. Vet: Laura Reisfeld. 170 staff. 15.000 m.sq. Att. – 330,000.

Mammals – 18 spp., 103 specimens; birds – 1 spp., 9 specimens; reptiles – 18 spp., 114 specimens; amphibians – 4 spp., 43 specimens; fishes – 2273 spp., 2,419 specimens; invertebrates – 29 spp. Total: 343 spp., 2,688 specimens +.

WAZA, ALPZA

## China (People's Republic of China)



### **CHONGQING**

Population – 32.000.000.000

#### ***Chongqing Andover Popular Science of Marine Creatures***

No.133 Jia Long Road. Banan District 400055. Chongqing. China. Open 27.08.2017.  
 Tel.: +86 (23) 623 338 88. Tel./fax: +86 (23) 623 305 12. E-mail: [wangyingwu@oceanisworld.com](mailto:wangyingwu@oceanisworld.com). Web: [www.cquww.com](http://www.cquww.com). Chairman: Mr. ZHHANG Junhua. General Manager: Mr. LIU Fei. Curator: Mr. WANG Yingwu. Vet: Mr. CUI Taijun. 191 staff. 93,000 m<sup>2</sup>. Att. – 335,584. Mammals – 2 spp., 6 specimens; birds – 1 spp., 8 specimens; amphibians – 2 spp., 5 specimens; fishes – 52 spp., 20,509 specimens; invertebrates – 16 spp. Total: 73 spp., 20,532 specimens+.  
 Speciality: exhibiting marine animals, environmental education.



### **FUYANG**

Population – 8.141.000

#### ***Fuyang Andover Ocean Park Culture and Tourism Co***

136 Zhu Yuan Road, Yinzhou District, Fuyang city 236000, Anhui Province, China.  
 Open 12.09.2020.

Tel.: +86 (558) 2711161, +86-18656006617 (Zhou Haitao). Tel./fax: +86 (558) 6888555. E-mail: [zhouhaitao@oceanisworld.com](mailto:zhouhaitao@oceanisworld.com), [pschow@andoverleisure.com](mailto:pschow@andoverleisure.com).  
 Chairman: LIU Fei. General manager: KANG Lei. Assistant general manager: LI Yuan. Curator: ZHOU Haitao. Assistant manager: BAO Qianhua. Vet: WEN Xue. 175 staff. 30,000 m<sup>2</sup>. Att. – 2855,452. Mammals – 5 spp., 24 specimens; birds – 1 spp., 5 specimens; reptiles – 1 spp., 8 specimens; fishes – 68 spp., 16,058 specimens; invertebrates – 12 spp. Total: 87 spp., 16 095 specimens+.  
 Speciality: exhibiting marine animals, environmental education.

**H E F E I**

Population – 9.630.000

***Hefei Andover Oceanarium***

No.321, Bustling Avenue, Economic and Technological Development Zone, Hefei, Anhui Province 230601. Open 27.08.2007.

Tel.: +86 (551) 6382 1928. Tel./fax: +86 (551) 6382 1938. E-mail: [kongwei@oceanisworld.com](mailto:kongwei@oceanisworld.com), [pschow@andoverleisure.com](mailto:pschow@andoverleisure.com). Web: [www.hfuww.com.cn](http://www.hfuww.com.cn).

Chairman: Mr. XU Xiaodong. General Manager: Mr. XU Gan. Curator: Mr. KONG Wei. Vet: Mr. SUN Haisuo. 163 staff. 2,13500 m<sup>2</sup>. Att. – 706,486. Mammals – 8 spp., 38 specimens; birds – 1 spp., 6 specimens; reptiles – 3 spp., 23 specimens; amphibians – 2 spp., 23 specimens; fishes – 48 spp., 7.369 specimens; invertebrates – 13 spp. Total: 75 spp., 7.459 specimens+.

Speciality: exhibiting marine animals, environmental education.

**N A N J I N G**

Population – 10.141.000

***Nanjing Underwater World Co***

8, Si Fang Cheng, Zhong Shan Ling, Nanjing 210014, Juangsu Province, China. Open 21.09.1994.

Tel.: +86 (25) 8444 11 19. Tel./fax: +86 (25) 8434 52 16. E-mail: [gaoliuming@oceanisworld.com](mailto:gaoliuming@oceanisworld.com), [pschow@andoverleisure.com](mailto:pschow@andoverleisure.com). Web: [www.nuww.com.cn](http://www.nuww.com.cn).

Chairman: Mr. LI Xioaqing. General Manager: Mr. ZHU Xiang. Curator: Mr. GAO Liuming. Vet: Mr. CHEN Dajun. 193 staff. 33,000 m<sup>2</sup>. Att. – 840,000. Mammals – 11 spp., 25 specimens; birds – 4 spp., 24 specimens; reptiles – 4 spp., 7 specimens; amphibians – 4 spp., 7 specimens; fishes – 73 spp., 5.405 specimens; invertebrates – 20 spp. Total: 116 spp., 5.474 specimens+.

Speciality: exhibiting marine animals, environmental education.



Czech Republic**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), [info@zoohluboka.cz](mailto:info@zoohluboka.cz). Web: [www.chleby.cz](http://www.chleby.cz), [www.zoohluboka.cz](http://www.zoohluboka.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., 382 specimens +

**HLUBOKA NAD VLTAVOU**

Population – 5.526

*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@zoohluboka.cz](mailto:info@zoohluboka.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. Zoologist: Markéta Jariabková. Vet: Emanuel Krejcar (private). 40 staff. 6 ha (exsposition – 4.8 ha). Att. – 281,224. Mammals – 45 spp., 381 specimens; birds – 118 spp., 737 specimens; reptiles – 42 spp., 320 specimens; amphibians – 9 spp., 153 specimens; fishes – 38 spp., 621 specimens; invertebrates – 29 spp. Total: 281 spp., 2,212 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

Nedůchalova. Curator, Collection: Lenka Štursová. Vet: Katerina Jedličková. 36 staff. 5.7 ha.  
UCSZ, EAZA



**OLOMOUČ**  
*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. 88 staff. 42.5 ha. Att. – 381,818. Mammals – 96 spp., 711 specimens; birds – 54 spp., 271 specimens; reptiles – 39 spp, 113 specimens; amphibians – 9 spp., 56 specimens; fishes – 84 spp. 210 specimens; invertebrates – 105 spp. Total: 387 spp., 1,361 specimens +.

Speciality: breeding of ungulates, anteaters, marine aquariums

UCSZ, EAZA, WAZA

**PRAGUE**

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.



**VYŠKOV**  
*Zoo Park Vyškov*

ZOO PARK  
VYŠKOV

Population – 24.000

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), [zoopark@zoo.vyskov.cz](mailto:zoopark@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. Speciality: rare breeds of domestic animals.

UCSZ



France**AMNEVILLE**

Population – 10.500

***Parc ZooLogique d' Amnéville***

1, rue du Tigre – 57360 Amnéville 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 Mailot. 102 staff. 18.5 ha.

Democratic People's Republic of Korea**PYONGYANG**

Population – 4.500.000

***Pyongyang Central Zoo***

Taesong-Dong. Taesong Distrit. Pyongyang. Open 1959.

Tel.: 0085-02-18111-341-8293 (Pak Hyonhui). E-mail: [kza@star-co.net.kp](mailto:kza@star-co.net.kp).

Director: Yu Byongguk. Deputy Director: Kim Gyonho. Vet: Pak Nam. 80 staff. 110 ha. Att. – 100,000. Mammals – 225 spp., 990 specimens; birds – 248 spp., 2,402 specimens; reptiles – 57 spp., 240 specimens; amphibians – 12 spp., 95 specimens; fishes – 246 spp., 8,204 specimens; invertebrates – 29 spp. Total: 817 spp., 11,932 specimens+.

Denmark**SKØRPING**

Population – 2.872

***HMJ Design A/S***

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.

Israel**HAIFA**

Population – 283.714

***Haifa Educational Zoo***

Haifa 3445519, ul. Hatishbi, 124. Open 1947.

Tel.: 972 504 043 003 (director), 972 53 5797942 (member of the EAPA3A Alex Kantorovich), 972 4 8372886 (office). E-mail: [haifazoo@ethos.co.il](mailto:haifazoo@ethos.co.il), [alexkant69@gmail.com](mailto:alexkant69@gmail.com), [alexkant@netvision.net.il](mailto:alexkant@netvision.net.il), [zoocurator@ethos.co.il](mailto:zoocurator@ethos.co.il). Web: [www.haifazoo.co.il](http://www.haifazoo.co.il). Director, Zoo: Doctor Khoam Werner ([noamw@ethos.co.il](mailto:noamw@ethos.co.il)). Curator, Collection: Aleksander Kantorovich. Vet: Pavel Nezhnyi ([pnezhny@gmail.com](mailto:pnezhny@gmail.com)). 33 staff. 3.5 ha. Att. – 110,000. Mammals – 28 spp., 102 specimens; birds – 32 spp., 196 specimens; reptiles – 39 spp., 119 specimens; fishes – 2 spp., 20 specimens. Total: 101 spp., 437 specimens.

Speciality: Animals of Israel

WAZA, EAZA, IZA.

**KIRYAT MOTZKIN**

Population – 45.000

***“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: [curator@haipark.co.il](mailto:curator@haipark.co.il). Web: [www.haypark.co.il](http://www.haypark.co.il). Director Parka: Oren Goldberg. Director, Zoo: Igal Fadida. Deputy Director: Ashraf Depoty Kenaan. Vet, Curator, Collection: Hanne Martine Stabursvik. 30 staff. 19.8 ha (exposition – 8 ha).

Speciality: Callithridae

WAZA, EAZA, IZA

**No reply.**

Kazakhstan**ALMATY**

Population – 2.200.000

**Almaty Zoo**

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

Tel.: + (727) 338-37-19. E-mail: [almatyzooir@gmail.com](mailto:almatyzooir@gmail.com), [kalkenovasolpan@gmail.com](mailto:kalkenovasolpan@gmail.com). Web: [www.almatyzoo.kz](http://www.almatyzoo.kz). Director: Seilkhan Or. Akilbekov. Deputy Director, Zoovet: Agibai Zh. Azhibayev. Vet: Azamat S. Duseinov. 273 staff. 21.5 ha. Att. – 953,933. Mammals – 70 spp., 305 specimens; birds – 96 spp., 745 specimens; reptiles – 54 spp., 164 specimens; amphibians – 3 spp., 26 specimens; fishes – 127 spp., 2,405 specimens; invertebrates – 10 spp. Total: 369 spp., 3,643 specimens+.

Speciality: breeding of birds of prey.

WAZA, EAZA, SEAZA, IZE

**KARAGANDA**

Population – 515.835

**Karaganda Zoo**

100009/M01M7E1 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. Administration: Svetlana V. Merkulova. Vet: Aitbek B. Namazbaev. 123 staff. 43.5 ha (exposition – 12 ha). Att. – 135,000. Mammals – 50 spp., 177 specimens; birds – 39 spp., 156 specimens; reptiles – 28 spp., 144 specimens; fishes – 63 spp., 493 specimens. Total: 180 spp., 970 specimens.

**UST-KAMENOGORSK**

Population – 350.840

**State-owned public utility enterprise East Kazakhstan Regional Architectural-Ethnographic and Natural-Landscape Museum-Reserve**

070000 Ust-Kamenogorsk city, 29 Beibitshilik str. Open 2000.

Tel.: + (7232) 26-46-61. E-mail: [vkoemz@mail.ru](mailto:vkoemz@mail.ru). Web: [www.vkoem.kz](http://www.vkoem.kz). Director of the museum-reserve: Arsen Vl. Ten. Deputy Director: Aliya F. Mutalimova. Head of the department of fauna of the zoo: Nurlan S. Saduakasov. Vet: Zhumagali B. Kadyrbaev. 16 staff. 17,5 ha. Att. – 92,600. Mammals – 22 spp., 130 specimens; birds – 21 spp., 200 specimens; reptiles – 1 spp., 2 specimens. Total: 34 spp., 247 specimens+.

**S E M E Y**

Population – 350.967

***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: Seisen Esh. Masalimov. Deputy Director for Educational Work: Aigerim T. Elemesova. Biological Department: Darya N. Voschakina. 43 staff. 2.6 ha. Att. – 160,400. Mammals – 34 spp., 79 specimens; birds – 38 spp., 184 specimens; reptiles – 6 spp., 25 specimens; amphibians – 1 spp., 2 specimens; fishes – 15 spp., 130 specimens. Total: 94 spp., 420 specimens+.

**S H Y M K E N T**

Population – 1.200.000

***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. – 343,024. Mammals – 64 spp., 206 specimens; birds – 74 spp., 390 specimens; reptiles – 27 spp., 72 specimens; amphibians – 3 spp., 5 specimens; fishes – 75 spp., 1,047 specimens; invertebrates – 2 spp. Total: 245 spp., 1,720 specimens+.

Speciality: Ungulates.

Kyrgyzstan**K A R A K O L****Fond "BUGU-ENE"****БУГУ ЭНЕ**  
общественный фонд

Population – 81.000

724318 Kyrgyz Republic, Issyk-Kul region, Karakol, st. Parkovaya, 5. Open 1987.

Tel.: +996 559 93 42 39, +996 559 93 42 38. E-mail: [seitova23@mail.ru](mailto:seitova23@mail.ru),[maadanov@inbox.ru](mailto:maadanov@inbox.ru). Web: [www.buguenye.info](http://www.buguenye.info). Fonds Prezident, Director Zoo:

Saltanat Seitova. Assistant: Batyr Shabdanbekovich Bekishov. Household Manager:

Ainagul Sabataeva. 10 staff. Att. – 37,003. 8,7 ha (exposition – 3,5 ha). Mammals –

21 spp., 112 specimens; birds – 23 spp., 105 specimens; reptiles – 1 spp., 4

specimens. Total: 45 spp., 221 specimens.

Specialization: local fauna.

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

Population – 674.500

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

Tel./Fax: (37322) 56-27-22. E-mail: [zookishinev@mail.ru](mailto:zookishinev@mail.ru), [zooparkmd@gmail.com](mailto:zooparkmd@gmail.com).Web: [www.zoo.md](http://www.zoo.md), [www.zoopark.md](http://www.zoopark.md). Director: Roman S. Krethu. Deputy Director

for Veterinary Services: Anna V. Shvedchenko. Vet: Yurii I. Panarin. 148 staff. 24.3

ha (exposition – 10 ha).

**No reply.**

Russia**АБАКАН**

Population – 185.840

**«Wildlife Centre», Abakan**

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

Tel.: (3902) 35-50-43, 8 923-393-98-08, 8-923-393-98-81. 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 (8 923 393 98 00). Deputy Director: Aleksei P. Rychkov. Head of the

Zoological Park Department: Anna G. Golubeva. Vet: Elena V. Neverova. 50 staff.

5.9 ha. Att. – 110,631. Mammals – 54 spp., 110 specimens; birds – 33 spp., 144

specimens; reptiles – 16 spp., 36 specimens; amphibians – 2 spp., 6 specimens; fishes

– 4 spp., 11 specimens; invertebrates – 5 spp. Total: 114 spp., 307 specimens+.

**АНАПА**

Population – 200.000

**Anapa Zoo «DoDo»**

353440 Krasnodarskii krai, Anapa, a/ya 22. Open 2007.

Tel.: 7 988 336 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 V. Kamaeva (8 988 336 02 76). Deputy Director: Natalya L.

Belugina (8 918 453 68 29). Vet: Dmitrii P. Glebov (8 918 330 19 25). 30 staff. 10

ha. Att. – 45,000. Mammals – 23 spp., 96 specimens; birds – 70 spp., 343 specimens;

reptiles – 3 spp., 10 specimens. Total: 96 spp., 449 specimens.

Speciality: birds and small monkey.

**АНАПА**

Population – 200.000

**Firma «Delfin» (Anapaskii delfinariii)**

353454 Krasnodarskii krai, Anapa, a/ya 28. Open 1992.

Tel.: 7 861 333 07 39, 7-988-33-60-276. E-mail: [delfin753@mail.ru](mailto:delfin753@mail.ru). Web: [www.](http://www.dolfinarium.ru)[dolfinarium.ru](http://www.dolfinarium.ru). General Director: Lyudmila B. Kamaeva (8 988 336 02 76). Deputy

Director: Dmitrii F. Mitsuk. 100 staff. 1,5 ha. Att. – 143,121. Mammals – 9 spp., 42

specimens. Total: 9 spp., 42 specimens.



**А Р К Х А Р А**

Population – 7.800

***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: Vyacheslav Al. Kastrikin. The Yead of Station: Nadezhda V. Kuznetsova. Vet. Olesya V. Bykobets. 6 staff. Working base – 7,9 ha. Att. – 350. Birds – 9 spp., 36 specimens.

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

**В А К Х Ч И С А Р А И**

Population – 28.600

***Park Miniatur***

298405 Respublika Krym, g. Bakkhchisarai, ul. Lenina, d. 4. Open 2013.

7 (978) 090 00 00, 7 (978) 123-91-00. E-mail: [Zhylenko\\_viktor@mail.ru](mailto:Zhylenko_viktor@mail.ru), [olgasmirnaya@mail.ru](mailto:olgasmirnaya@mail.ru). Web: [www.minibah.ru](http://www.minibah.ru). Director: Viktor Zhilenko. Deputy Director: Ol'ga V. Smirnaya. Head of Department: El'dar En. Lyumanov. 35 staff. 1,3 ha. Att. – 143,160. Mammals – 55 spp., 385 specimens; birds – 68 spp., 652 specimens; reptiles – 1 spp., 15 specimens. Total: 116 spp., 1,052 specimens.

**В А Л А К Х Н А**

Population – 48.569

***Zoo "Malen'kaya strana"***

606400 Balakhna, Nizhegorodskaya obl., pl. Sovenskaya, 1. Open 2011.

7 962 044 58 99, 7 961 636 03 64. E-mail: [lysyak1981@mail.ru](mailto:lysyak1981@mail.ru). Director: Yurii Lysyak. 16 staff. 2,0 ha. Att. – 50,000.

**B A R N A U L**

Population – 623.057

***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. 48 staff. 5,1 ha. Att. – 141,000. Mammals – 55 spp., 135 specimens; birds – 20 spp., 52 specimens; reptiles – 1 spp., 1 specimens. Total: 76 spp., 188 specimens.

**B A R N A U L**

Population – 623.057

***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, (3852) 29 81 82. E-mail: [snigirev0157@gmail.com](mailto:snigirev0157@gmail.com), [mendelli@mail.ru](mailto:mendelli@mail.ru), [rektor@asu.ru](mailto:rektor@asu.ru). Director of Zoo Centre: Sergey Snigirev. Chief of Department “Altai Falcon”: Lidia Mendel. 5 staff. 1 ha. Birds – 2 spp., 121 specimens.

**B E L G O R O D**

Population – 394.142

***Belgorod Zoo***

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

Tel.: (4722) 40-62-03. E-mail: [info@belzooopark.ru](mailto:info@belzooopark.ru). Web: [www.belzooopark.ru](http://www.belzooopark.ru). Director: Denis. Al. Savel'ev. Deputy Director Zoovet: Aleksandr S. Bogdanov. Vet: Anastasiya V. Tagil'tseva. 59 staff. 25 ha. Att. – 146,608. Mammals – 40 spp., 151 specimens; birds – 46 spp., 156 specimens; reptiles – 16 spp., 43 specimens. Total: 105 spp., 350 specimens.



**BOLSHERECH'YE*****Bolsherech'ye Zoo***

Population – 11.036

646160 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: [Bol-zoo@yandex.ru](mailto:bol-zoo@yandex.ru), [zooparkb@mail.ru](mailto:zooparkb@mail.ru). Web: [www.Bolzoo.ru](http://www.Bolzoo.ru). Director: Yuliya V. Syretskaya. Chief Animal Technician: Maksim V. Vasilkov. Deputy Director Zoovet: Sergei P. Lushnikov. Vet: Nataliya V. Vardugina. 72 staff. 9 ha. Att. – 138,000. Mammals – 66 spp., 397 specimens; birds – 67 spp., 845 specimens; reptiles – 18 spp., 35 specimens; fishes – 25 spp., 194 specimens; invertebrates – 6 spp.. Total: 182 spp., 1,471 specimens.

Speciality: animals of Siberia and Far East.

**BRYKIN BOR*****Oka Biosphere State Natural Reserve***

Population – 300

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, Tat'yana An. Kashentseva. Vet: Sergei Ol. Gershov, Valentina Al. Koroleva. 12 staff. 202 ha – Wisent Nursery, 50 ha – Nursery of Cranes. Att. – 5,000. Mammals – 1 spp., 37 specimens; birds – 7 spp., 63 specimens. Total: 8 spp., 100 specimens.

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

EAZA

**C H E L Y A B I N S K**

Population – 1.182.000

***Chelyabinsk Zoo***

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, Vet: Marina An. Utkina. 123 staff. 30 ha (exposition – 7.0 ha). Att. – 497,188. Mammals – 66 spp., 187 specimens; birds – 46 spp., 192 specimens; reptiles – 25 spp., 59 specimens; amphibians – 5 sp., 23 specimens. Total: 142 spp., 461 specimens.

ЧИТИНСКИЙ ГОРОДСКОЙ  
**ЗООПАРК**

**C H I T A**

Population – 351.784

***Chita Zoo***

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

Tel./fax: (3022) 35-95-98, 35-47-48, 35-38-04. E-mail: [zooarkchita@yandex.ru](mailto:zooarkchita@yandex.ru).Web: [www.zooparkchita.ru](http://www.zooparkchita.ru). Director: Vadim N. Kostennikov. Deputy Director: Natal'ya R. Byankina. 66 staff. 7,129 m. sq. Att. – 101,220. Mammals – 39 spp., 112 specimens; birds – 32 spp., 118 specimens; reptiles – 16 spp., 32 specimens; amphibians – 3 spp., 7 specimens; fishes – 52 spp., 388 specimens; invertebrates – 7 spp. Total: 149 spp., 657 specimens.

ЕКАТЕРИНБУРГСКИЙ  
**ЗООПАРК**

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

Population – 1.539.371

***Ekaterinburg Zoo***

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. 160 staff. 2.7 ha. Att. – 636,402. Mammals – 81 spp., 324 specimens;

birds – 57 spp., 140 specimens; reptiles – 72 spp., 200 specimens; amphibians – 34

spp., 229 specimens; fishes – 20 spp., 42 specimens; invertebrates – 77 spp. Total:

341 spp., 935 specimens+.

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

Population – 1.539.371

***“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. Pokazan’eva. Vet: Kirill Ig. Strelov. 92 staff. 7,128,17 m. sq. Att. – 562,938. Mammals – 10 spp., 29 specimens; birds – 3 spp., 5 specimens; reptiles – 13 spp., 38 specimens; fishes – 228 spp., 4,457 specimens; invertebrates – 33 spp. Total: 287 spp., 4,529 specimens.

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

Population – 1.539.371

***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: [olegsvetl@mail.ru](mailto:olegsvetl@mail.ru). Director: Oleg An. Svetlitskii. Curator of birds of prey: Yurii Ir. Pavlov. Vet: Natalya V. Bannykh. Birds – 24 spp., 134 specimens.

**E L I Z O V O**

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: [zooarkpk@yandex.ru](mailto:zooarkpk@yandex.ru). Web: [www.zooparkpk.ru](http://www.zooparkpk.ru). Director: Lyudmila M. Glukhova. Deputy Director: Ekaterina A. Buldaeva. 17 staff. 1.2 ha. Att. – 31,403. Mammals – 9 spp., 107 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: 50 spp., 850 specimens+.

**FENINO**

Population – 500

***Nursery “Divo Ptitsa”***

140127 Moskovskaya oblast', Ramenskii raion, derevnya Fenino, 5, ctr. 1.  
 Tel.: 8 (926) 444 74 70. E-mail: [Divo.ptica.rus@gmail.com](mailto:Divo.ptica.rus@gmail.com). Director: Igor V. Borte.  
 Deputy Director: Nadeschda Ig. Kazarinova. 3 staff. 70,0 ha. Mammals – 11 spp.,  
 190 specimens; birds – 86 spp., 1,500 specimens. Total: 97 spp., 1,690 specimens  
 Speciality: breeding of ornamental birds and animals.

**GALICHYA GORA**

Population –

***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.  
 Deputy Director: Vladimir S. Sarychev. Head, Nursery: Vladimir V. Petrov. 3 staff.  
 5.000 m. sq. Birds – 13 spp., 127 specimens.  
 Speciality: breeding and reintroduction of rare species of birds of prey into the wild.

**GELENDZHİK  
“SAFARIPARK”**

Population – 75.130

353465 Federalnaya doroga “DON”. Open 2004.  
 Tel.: (8617) 30-60-90. Fax: (8614) 12-06-30. E-mail: [safari-park@list.ru](mailto:safari-park@list.ru). Web:  
[www.safari-park.ru](http://www.safari-park.ru). Ceneral Director: Irina Al. Burdina. Director of the park: Nikolai  
 Ol. Mashinskii. Deputy Director Zoovet: Elena D. Milovidova. Vet: Ivan Al. Moroz.  
 78 staff. 156.2 ha (exposition – 15.0 ha). Att. – 580,641. Mammals – 57 spp., 209  
 specimens; birds – 31 spp., 74 specimens; reptiles – 23 spp., 187 specimens;  
 amphibians – 3 spp., 6 specimens; invertebrates – 13 spp. Total: 127 spp., 476  
 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: [zoopark.lukomore@mail.ru](mailto:zoopark.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. – 53,000. Mammals – 35 spp., 118 specimens; birds – 10 spp., 22 specimens; reptiles – 1 spp., 2 specimens; amphibians – 1 spp., 2 specimens; fishes – 1 spp., 50 specimens Total: 49 spp., 194 specimens.



ИРКУТСКИЙ  
ЗООСАД

**IRKUTSK****Irkutsk Zoosad**

Population – 611.215

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

Tel.: (3952) 66-46-39, 914 926-3-527, 999 644-15-61. 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. Deputy Director: Zhanna Il. Sartakova. Chief, Department: Tatyana V. Alkova. 17 staff. 1,0 ha. Att. – 30,000. Mammals – 43 spp., 88 specimens; birds – 17 spp., 76 specimens. Total: 62 spp., 289 specimens.

**IVANOVO****Ivanovo Zoo**

Population – 360.700

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.ivzoopark.ru](http://www.ivzoopark.ru). Director: Arkadii V. Borzov. Deputy Director: Mikhail N. Kostyukov. Deputy Director, Zoovet: Maksim E. Kozlov. Vet: Lyubov Yur. Kudryavtseva. 38 staff. 2,4 ha. Att. – 65,421. Mammals – 29 spp., 100 specimens; birds – 102 spp., 328 specimens; reptiles – 8 spp., 21 specimens; fishes – 3 spp., 7 specimens; invertebrates – 3 spp. Total: 145 spp., 456 specimens+.

**I Z H E V S K****Izhevsk Zoo**

Population – 640.000

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. 209 staff. 17.8 ha. Att. – 663,942. Mammals – 87 spp., 249 specimens; birds – 74 spp., 245 specimens; reptiles – 41 spp., 81 specimens; amphibians – 10 spp., 21 specimens; fishes – 7 spp., 26 specimens; invertebrates – 8 spp. Total: 227 spp., 622 specimens+.

Speciality: breeding of carnivores.

**K A L I N I N G R A D****Museum of the World Ocean**

Population – 489.359

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.

**K A L I N I N G R A D****Kaliningrad Zoo**

Population – 489.359

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 for General Affairs: Yana B. Rivkina. Deputy director, Zoovet: Svetlana Iv. Yarova. Vet: Elena V. Perevoznikova. 150 staff. 16.4 ha. Att. – 626,133. Mammals – 56 spp., 201 specimens; birds – 67 spp., 382 specimens; reptiles – 34 spp., 69 specimens; amphibians – 8 spp., 35 specimens; fishes – 70 spp., 894 specimens; invertebrates – 40 spp. Total: 275 spp., 1,581 specimens+.

EAZA (candidate)



**КАЗАН**

Population – 1.259.173

***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), [al.malev@mail.ru](mailto:al.malev@mail.ru). Web: [www.kazoobotsad.ru](http://www.kazoobotsad.ru). Director: Sergey V. Pavlov. Deputy Director, Zoovet: PhD Aleksandr V. Malev. Vet: Anastasiya V. Balmakova. 150 staff. 13.7 ha. Att. – 673,326. Mammals – 48 spp., 227 specimens; birds – 40 spp., 283 specimens; reptiles – 29 spp., 76 specimens; fishes – 4 spp., 55 specimens; invertebrates – 2 spp. Total: 123 spp., 641 specimens+. Plants – 1,032 spp., 4,371 specimens.

Speciality: bears, birds of prey.

EAZA

**КХАБАРОВСК**

Population – 617.441

***Zoological Garden "Priamurskii"***

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

Tel./fax: (4212) 32-45-40. E-mail: [zoosad27@yandex.ru](mailto:zoosad27@yandex.ru). Web: [www.zoosad27.ru](http://www.zoosad27.ru). General Director: Valentina Yur. Protsenko. Deputy Director: Inna V. Evdokimova; Anna V. Novikova. 54 staff. 8.1 ha. Att. – 162,800. Mammals – 34 spp., 95 specimens; birds – 33 spp., 102 specimens. Total: 67 spp., 197 specimens.

Speciality: animals of Far East.

**КХИМКИ**

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. 6 staff. 0,4 ha. Mammals – 16 spp., 60 specimens; birds – 27 spp., 73 specimens; reptiles – 2 spp., 6 specimens. Total: 45 spp., 139 specimens.



**SAFARI PARK**  
IZUMRUDNY LES

Население – 88.525

**KLIN**

**SAFARI PARK IZUMRUDNY LES**

141624 Moskovskaya obl., Klinskii gorodskoi okrug, p. Narynka, ter. «The emerald Forest». Open 2019 г.

Tel.: 8 985 249 12 77. E-mail: [safari-park@izumrudnyles.ru](mailto:safari-park@izumrudnyles.ru), [brovkinog@izumrudnyles.ru](mailto:brovkinog@izumrudnyles.ru). Head of the park: Oleg G. Brovkin. Leading zoologist: Yurii Al. Vlasov. 37 staff. 40 ga.

**No reply.**



**KOGALYM**

**Oceanarium "Akvatika:**

Population – 61.441

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. Ichthyopathologist: Evgenii S. Bortnikov. Vet: Aleksei F. Ablyazov. 104 staff. 8119,9 m.sq. Att. – 101,560. Birds – 8 spp., 12 specimens; reptiles – 9 spp., 14 specimens; amphibians – 4 spp., 15 specimens; fishes – 202 spp., 2,595 specimens; invertebrates – 41 spp. Total: 264 spp., 2,636 specimens +.



**KOMISSAROVKA**

**Zoopark "Epifanovo podvor'e"**

Population – 62.045

301740 Tulskaya obl., Kimovskii r-n, d. Komissarovka. Open 2014.

Tel.: 7 910 914 36 26. E-mail: [Rsa62@bk.ru](mailto:Rsa62@bk.ru). Director: Sergei An. Rogozhin. Vet: Aleksandr Al. Nesterov. 8 staff. 11 ha. Att. – 19,500. Mammals – 23 sp., 83 specimens; birds – 27 spp., 137 specimens. Total: 50 spp., 220 specimens.




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

Population – 236.000

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: Natal'ya An. Bobrova. 35 staff. 9.6 ha. Att. – 70,082. Mammals – 48 spp., 101 specimens; birds – 28 spp., 79 specimens; reptiles – 27 spp., 49 specimens; amphibians – 2 spp., 3 specimens; invertebrates – 1 spp. Total: 106 spp., 232 specimens.

**КОСТРОМСКАЯ  
ЗООПАРК**
**K O S T R O M A**
***Kostroma Zoo***

Population – 280.000

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

 Tel.: (4942) 45-45-81. 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. 4,2 ha. Att. – 152,908. Mammals – 35 sp., 74 specimens; birds – 14 spp., 88 specimens; Total: 49 spp., 162 specimens.

**K R A S N O G O R S K**
***"Krokus Siti Oceanarium"***

Population – 171.793

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), [Avturina@crocusgroup.ru](mailto:Avturina@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. 140 staff. 10,6 ha. Att. – 380 588. Mammals – 15 sp., 50 specimens; birds – 22 spp., 80 specimens; reptiles – 21 spp., 46 specimens; amphibians – 8 sp., 40 specimens; fishes – 213 spp., 3,015 specimens; invertebrates – 39 spp. Total: 318 spp., 3,231 specimens+.

**KRASNODAR*****Krasnodarskii Zoo "Safari-park"***

350911, Krasnodar, ul. Tramvainaya, d. 2. Open 2006.

Тел.: +7 (989) 263-17-45, +7 (861) 205-70-30. E-mail: [2424735@mail.ru](mailto:2424735@mail.ru). Director: Mari Al. Aburmielekh.

Population – 1.226.226

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

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

Tel.: (391) 269-80-80. E-mail: [roev@mailkrsk.ru](mailto:roev@mailkrsk.ru), [office@roev.ru](mailto:office@roev.ru), [krsvet@yandex.ru](mailto:krsvet@yandex.ru).

Web: [www.roev.ru](http://www.roev.ru). Director: Tat'yana Al. Mel'nikova. Deputy Director, Zoovet: Aleksandr V. Pinchuk. Vet: Georgii Al. Belyanin. 265 staff. 107,94 ha. Att. – 636,100. Mammals – 90 spp., 306 specimens; birds – 117 spp., 662 specimens; reptiles – 107 spp., 358 specimens; amphibians – 26 spp., 216 specimens; fishes – 245 spp., 5,568 specimens; invertebrates – 68 spp. Total: 653 spp., 7,110 specimens+. Plants – 903 spp., 37 887 spp.

Population – 1.196.913

**LIPETSK*****Lipetsk Zoo***

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

Tel.: (4742) 77-85-70, 77-12-27, 23-53-89; 980 250 22 24. 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. 60 staff. 3,9 ha. Att. – 214,877. Mammals – 58 spp., 184 specimens; birds – 56 spp., 499 specimens; reptiles – 28 spp., 44 specimens; amphibians – 3 spp., 3 specimens; invertebrates – 11 spp. Total: 156 spp., 730 specimens+.

Population – 490.428

**M O S C O W*****Aqua Logo engineering, Ltd***

Population – 13.104.177

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*****Moscow Zoo***

Population – 13.104.177

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

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

E-mail: [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).

Deputy General Zoological Director: Aleksei Yu. Suslov;

Tel.: (499) 255-95-48

Head of International Logistics Department: Dmitrii Ig. Borisenko;

Tel.: (499) 252-04-99

Head of the Methodology Department: Irina V. Afrina;

Tel.: (499) 255-63-64

Senior Veterinarian: Dmitrii N. Egorov;

Tel.: (499) 254 4943

Staff – 803. Zoo area – 21.3926 ha.

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

143603 Pos. Sychovo, Volokolamsky Region, Moscow Area

Deputy Head of the OSP of the Center for reproduction of rare Species of animals:

Pavel S. Rozhkov;

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: Andrei Al. Solodkov;

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

Deputy Director: Denis V. Evseev.

44 staff. 48,5 ha. Att. – 31,300.

Att. – 3,147,431.

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Mammals – 164 spp., 1,451 specimens; birds – 251 spp., 1,815 specimens+; reptiles – 297 spp., 1,912 specimens; amphibians – 53 spp., 287 specimens; fishes – 132 spp., 1,514 specimens; invertebrates – 248 spp. Total: 1,145 spp., 6,979 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 – 13.104.177

**«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 – 13.104.177

**«MosBio Engineering», LLC**

127055 Moscow, Butyrskii Val., 68, ofis 502. 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: Maksim V. Shvechkov. 30 staff.

**M O S C O W**

Population – 13.104.177

**“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. Head of the biological service: Irina V. Meintser. Vet: Irina V. Suvorova. 700 staff. 53 000 m.sq. Att. – 1,200,000. Mammals – 7 spp., 32 specimens; reptiles – 5 spp., 18 specimens; amphibians – 3 spp., 5 specimens; fishes – 350 spp., 6,400 specimens; invertebrates – 200 spp. Total: 565 spp., 6,455 specimens+.



**M O S C O W**  
**Oceanarium № 1**

**Океанариум**

Population – 13.104.177

127495 Moscow, Chernyakhovskogo, d. 16, etazh 5, pom. 1. Open 2011.

Tel.: 8 903 560 47 06. E-mail: [oceanadmin@oceanariumrio.ru](mailto:oceanadmin@oceanariumrio.ru),  
[v.lebedev@oceanariumrio.ru](mailto:v.lebedev@oceanariumrio.ru). Web: [www.oceanariumrio.ru](http://www.oceanariumrio.ru). Director: Maksim N. Solov'ev. Head of Biological Service: Viktor An. Lebedev. 40 staff. 2358,7 m. sq. Att. – 146,344. Mammals – 2 spp., 7 specimens; birds – 1 spp., 5 specimens; reptiles – 4 spp., 8 specimens; fishes – 150 spp., 7,606 specimens; invertebrates – 5 spp. Total: 162 spp., 7,626 specimens +.



**M O S C O W**  
**Mini Zoo Country ENOTiYA**

Population – 13.104.177

127495 Moscow, 3-ya Parkovaya ul., d. 48.

Tel.: 7 495 740 58 71. E-mail: [info@zoorm2.ru](mailto:info@zoorm2.ru). Web: [www.info@zoorm2.ru](http://www.info@zoorm2.ru). Director: Ruslan G. Myltsev. Deputy Director: Tat'yana Al. Myltseva. Vet: Grigoriy V. Vasil'ev. 25 staff. 304 m. sq. Att. – 21,600. Mammals – 5 spp.; birds – 8 spp. Total: 13 spp.



**Городская  
Ферма**

**M O S C O W**  
**Urban farm at "VDNH"**

Population – 13.104.177

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

Tel.: (499) 677-77-77. E-mail: [information@gorferma24.ru](mailto:information@gorferma24.ru), [vdnh\\_ferma@mail.ru](mailto:vdnh_ferma@mail.ru),  
[buh@gorferma24.ru](mailto:buh@gorferma24.ru). Web: [www.gorodskayaferma.ru](http://www.gorodskayaferma.ru). Director: Eduard Yur. Yakovlev. Director of Development: Irina Al. Frolova. Vet: Irina An. Potemkina. 13 staff. 4,0 ga. Att. – 156,000. Mammals – 4 spp.; birds – 1 spp.; reptiles – 1 spp. Total: 6 spp.

**N A L C H I K** 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.

Speciality: local fauna, ungulates.

**No reply.**

**N I Z H N I I N O V G O R O D**

Population – 1.213.477

***Nizhnii Novgorod Zoo “Limpopo”***

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: Sergei V. Motorkin.

Deputy Director, Zoovet: Vasilii P. Baldygin. Vet: Gosman B. Suleimanov. 100 staff.

7.2 ha. Att. – 283,870. Mammals – 90 spp., 418 specimens; birds – 121 spp., 544

specimens; reptiles – 16 spp., 45 specimens; amphibians – 3 spp., 67 specimens;

fishes – 21 spp., 228 specimens; invertebrates – 1 spp. Total: 252 spp., 1,302

specimens.

**N O V O C H E B O K S A R S K**

Population – 127.000

***Zoo “Elnikovskaya roscha”***

429958 Chuvashskaya respublika, g. Novocheboksarsk, ul. Sovetskaya, d. 46. Open 2017.

Tel.: (962) 600-88-44, (937) 378-61-91, (8352) 76-35-98Б 73-73-64. E-mail:

[O.Andreeva@mail.ru](mailto:O.Andreeva@mail.ru), [roshcya2011@mail.ru](mailto:roshcya2011@mail.ru). Director: Valerii V. Andreev. Deputy

Director: Olga V. Andreeva. Head of the zoo: Yurii Ed. Zorin. 12 staff. 3,9 ga.

**No reply.****N O V O S I B I R S K**

Population – 1.625.600

***Novosibirsk Zoo named by Rostislava Aleksandrovicha Shilo***

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

Tel/fax: (383) 220-97-79, 388-72-58. E-mail: [zoonovosib@gmail.com](mailto:zoonovosib@gmail.com),[info@zoonovosib.ru](mailto:info@zoonovosib.ru), [curator@zoonovosib.ru](mailto:curator@zoonovosib.ru), [info.zoo-nsk@ngs.ru](mailto:info.zoo-nsk@ngs.ru). Web:[www.zoonovosib.ru](http://www.zoonovosib.ru). Director: Andrei R. Shilo. Scientific Director: Olga V. Shilo.

Vet: Svetlana N. Verkholtseva. 305 staff. 65 ha. Att. – 1,438,342. Mammals – 202

spp., 2,515 specimens; birds – 200 spp., 1,523 specimens; reptiles – 52 spp., 176

specimens; amphibians – 9 spp., 105 specimens; fishes – 255 spp., 5,909 specimens;

invertebrates – 80 spp. Total: 799 spp., 10,301 specimens+.

Speciality: cats, martens, grouses.

EAZA, WAZA



**NOVOSIBIRSK*****Delfiniya***

Population – 1.625.600

630082 Novosibirsk, ul. Zhukovskogo, 100/4. Open 2016.

Tel.: (383) (383) 209 11 78; 800 100 89 88 – call enter. E-mail: [info\\_nsk@delfinary.com](mailto:info_nsk@delfinary.com), [9139543178@mail.ru](mailto:9139543178@mail.ru). Web: [www.delfinary.ru](http://www.delfinary.ru).

Director: Andrei V. Head of the Aquarium Department: Nikolai V. Kozlyayev. Vet: Evgeniya N. Kurennaya. 120 staff. 10 ha. Mammals – 6 spp., 24 specimens; reptiles – 5 spp., 8 specimens; fishes – 172 spp., 1,024 specimens; invertebrates – 52 spp. Total: 235 spp., 1,056 specimens+.

**NOVYI URENGOY*****Novyi Urengoy Ecological Station***

Population – 115.092

629305 YANAO, Novyi Urengoy, ul. Yuzhnaya, 44, a/ya 182. Open 2003.

Tel./fax: (3494) 23-83-16, 8 902 857 90 96. 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: Oksana Sn. Boechka. Head, Zoo: Alsu N. Shagadatova. Vet.: Irina V. Goloshchapova. 36 staff. 332 m. sq. Att. – 15,200. Mammals – 23 spp., 86 specimens; birds – 24 spp., 391 specimens; reptiles – 12 spp., 60 specimens; amphibians – 2 spp., 2 specimens; fishes – 30 spp., 250 specimens; invertebrates – 2 spp. Total: 93 spp., 789 specimens+.

**OMSK*****Omsk Eco-Biological Centre***

Population – 1.110.836

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), [debcomsk@gmail.com](mailto:debcomsk@gmail.com), [gsitnikova81@gmail.com](mailto:gsitnikova81@gmail.com). Web: [www.55zoopark.ru](http://www.55zoopark.ru).

Director: Galina V. Sitnikova. Deputy Director: Aleksandr P. Stankovskii. Vet: Lyudmila An. Lendyasova. 72 staff. 3.5 ha. Att. – 61,189. Mammals – 29 spp., 75 specimens; birds – 75 spp., 297 specimens; reptiles – 22 spp., 60 specimens; amphibians – 12 spp., 43 specimens; fishes – 55 spp., 360 specimens; invertebrates – 25 spp. Total: 218 spp., 835 specimens+.

**PADIKOVO****ANO DO "Tsentr estezvpznaniya i verkhovoi ezdy"**

143582 Moskovskaya obl., Istrinskii r-n, derevnya Padikovo, ul. Konnaya, 40.

E-mail: [nyrigina@mail.ru](mailto:nyrigina@mail.ru), [zoo@kskdivniy.ru](mailto:zoo@kskdivniy.ru). General manager: Natal'ya S. Yarygina. Head of the Methodological Department: Ol'ga B. Ryabtseva. Head of the household: Fedor V. Bulgakov. Vet: Elena L. Dashutina. 16 staff. 1462,9 m. sq. Att. – 15,312.

**PENZA****Penza Zoo**

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. Head of the scientific and educational Department: Karina Ev. Artamonova. 101 staff. 9.8 ha. Att. – 286,800. Mammals – 59 spp., 182 specimens; birds – 102 spp., 724 specimens; reptiles – 8 spp., 25 specimens; amphibians – 1 spp., 1 specimens; fishes – 8 spp., 45 specimens; invertebrates – 6 spp. Total: 184 spp., 977 specimens+.

Population – 492.376

**PENSA****Pensenskiy oceanarium**

440004 Penza, ul. Tsentralnaya, d. 1, l.K-ch-7, ofis 9. Open 2017.

Tel.: (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. Director of the Aquarium: Elena Iv. Chudaeva. Leading specialist in the maintenance of hydrobionts: Elena N. Bryndina. Vet.: Ivan Al. Golovin. 26 staff. 3 000 cub. m. Att. – 88,832. Mammals – 1 spp., 5 spp., reptiles – 4 spp., 13 specimens; fishes – 52 spp., 441 specimens Total: 57 spp., 459 specimens.

Population – 492.376





**PERM**  
**Perm Zoo**

Population – 1.027.153

614015 Perm, ul. Monastyrskaya, 10. Open 1933.

Tel/fax: (342) 212-26-21. E-mail: [prm@kult.permkrai.ru](mailto:prm@kult.permkrai.ru), [zoo-prm@kult.permkrai.ru](mailto:zoo-prm@kult.permkrai.ru), [ele.bess@yandex.ru](mailto:ele.bess@yandex.ru), [shitova79@mail.ru](mailto:shitova79@mail.ru), [2933569@mail.ru](mailto:2933569@mail.ru), [anaalikina@gmail.com](mailto:anaalikina@gmail.com).

Web: [www.zoo.perm.ru](http://www.zoo.perm.ru). Director: Yuliya An. Shitova. Manager: Anastasiya An. Zaloga. Curator of the collection: Anna N. Alikina. Vet: Elena M. Bessonova. 78 staff. 1.76 ha. Att. – 305,577. Mammals – 64 spp., 506 specimens; birds – 62 spp., 407 specimens; reptiles – 25 spp., 75 specimens; fishes – 144 spp., 1,520 specimens. Total: 295 spp., 2,508 specimens.



**PRIOZERSK**  
**Zoo "Elnikovskaya roscha"**

Population – 18.526

188733 Leningradskaya obl., Priozerskii r-n, derevnya Razdol'e. Open 2016.

Tel.: (812) 725-00-05, (812) 725-00-03. E-mail: [officezoo@lampushki.ru](mailto:officezoo@lampushki.ru). Director: Vyacheslav Al. Ananskikh. Vet: Anastasiya V. Gvozdeva. 22 staff. 3,0 ga. Att. – 35,000. Mammals – 87 sp., 320 specimens; birds – 24 spp., 102 specimens; reptiles – 3 spp., 6 specimens; fishes – 1 spp., 6 specimens. Total: 115 spp., 434 specimens.



**ROSTOV - ON - DON**  
**Rostov-on-Don Zoo**

Population – 1.142.162

344039 Rostov-on-Don, Zoologicheskaya ul., 3. Open 1927.

Tel: (863) 232-82-91. 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: Yuliya S. Soboleva. Deputy Director: Olga N. Serafimova (tel.: 928 617 67 20). Chief Zoologist: Irina O. Griбанова (tel.: 928 966 82 41, 928 115 95 63). Vet: Inna G. Mironenko (tel.: 928 965 11 78). 250 staff. 60,4 ha. Att. – 686,134. Mammals – 105 spp., 692 specimens; birds – 135 spp., 767 specimens; reptiles – 33 spp., 77 specimens; amphibians – 3 spp., 4 specimens; fishes – 111 spp., 801 specimens; invertebrates – 102 spp. Total: 489 spp., 2,341 specimens+.

Speciality: mountain ungulates, pink (common) flamingos, invertebrates.

**RYAZAN**

Population – 520.509

**FOND “Ryazan House of the White Stork”**

390006 Ryazan, Solotchinskoe shosse, 2. “Ryazan House of the White Stork”. Open 2020.

Tel.: +7 952-122-27-20 (Nikolai Mal’zev), 919 179 86 74 (Vitalii Tyagunin). E-mail: [kp-62@inbox.ru](mailto:kp-62@inbox.ru). Director: Nikolai P. Mal’tsev. Consultant: Vitalii Al. Tyagunon. Vet: Margarita N. Kochergina. 2 staff. 3,0 ha. Birds – 1 spp., 6 specimens.

Speciality: The receipt of the White Stork (*Ciconia Ciconia*) and their release to nature in order to increase the eastern group in the Ryazan region.

**SALEKHARD**

Population – 50.000

**Arkticheskii park prirody**

629008 Leningradskaya obl., Priozerskii r-n, derevnya Razdol’e

E-mail: [ketov555@yandex.ru](mailto:ketov555@yandex.ru). 3 staff. 68,0 ga.

Speciality: animals of the Arctic region.

**SAMARA****Samara Zoo**

Population – 1.163.645

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: Aleksandr E. Kuzovenko. Vet: Dmitrii An. Kazandaev. 78 staff. 0.8 ha (A nursery with a Safari Park – 55,2). Att. – 111,017. Mammals – 33 spp., 68 specimens; birds – 42 spp., 123 specimens; reptiles – 53 spp., 77 specimens; amphibians – 4 spp., 7 specimens; fishes – 73 spp., 232 specimens; invertebrates – 10 spp. Total: 215 spp., 508 specimens +.


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

Population – 6.000.000

**Joint-stock company “Rubin”**

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

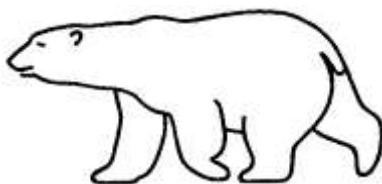
Tel.: (812) 320-26-40. Fax: (812) 320-26-41 (reception of the General Director).

(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. Director of the Aquarium: Oleg N. Ryabchuk. Ichthyologist: Oleg N. Yunchis. Vet: Modest M. Vlasov, Ilya Ol. Kobelev. 302 staff. 5.000 m. sq. Att. – 861,899. Mammals – 2 spp., 10 specimens; reptiles – 5 spp., 9 specimens; amphibians – 5 spp., 27 specimens; fishes – 104 spp., 1,414 specimens; invertebrates – 58 spp. Total: 173 spp. 1,458 specimens +.

Speciality: Maintenance and breeding of hydrobionts.


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

Population – 6.000.000

**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: Yury D. Zhuravlev. Deputy

Director for Zoological Work: Olga V. Verkovich. Deputy Director: Alexander

Antonovich Moysya. Vet: Innokenty V. Bulavinov. 312 staff. 7.3 ha. Att. –

1,157,788. Mammals – 80 spp., 423 specimens; birds – 106 spp., 603 specimens;

reptiles – 84 spp., 313 specimens; amphibians – 31 spp., 168 specimens; fishes – 99

spp.; invertebrates – 99 spp. Total: 496 spp., 1,507 specimens+.

EAZA

**S A N R T - P E T E R B U R G**

Population – 6.000.000

**ООО “Akvateriks”**

Legal address: 192019 Sankt-Peterburg, ul. Mebel'naya, d. 5. Actual address:

 naberezhnaya Obvodnogo kanala, d. 14, D. E-mail: [kochnev@akvaterix.com](mailto:kochnev@akvaterix.com).

**SARANSK**

Population – 345.483

**Saransk Zoo**

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

Tel.: (8342) 47-18-84. Tel./fax: (8342) 47-93-81. E-mail: [saransk-zoo@e-mordovia.ru](mailto:saransk-zoo@e-mordovia.ru).Web: [www.zoo13.ru](http://www.zoo13.ru). Director: Olga Vl. Vilyaikina. Zoolog: Ildar M. Shamsaddin.

Vet: Margarita Yur. Kutuzova. 36 staff. 1.8 ha. Att. – 75,564. Mammals – 35 spp., 137 specimens; birds – 40 spp., 244 specimens; reptiles – 6 spp., 38 specimens. Total: 81 spp., 419 specimens.

**SEVERSK**

Population – 105.797

**Seversk Wildlife Park**

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

Tel.: (3823) 54-80-74. Tel./fax: (3823) 54-31-40. E-mail: [priroda-park@seversk.gov70ru](mailto:priroda-park@seversk.gov70ru), [severskzoo@park-seversk.ru](mailto:severskzoo@park-seversk.ru).Web: [www.park-seversk.ru](http://www.park-seversk.ru), [www.zoo-seversk.ru](http://www.zoo-seversk.ru).

Director: Vera Yu. Volkova. Head, Zoovet Department: Svetlana V. Mishina. Vet: Olga N. Ivanova. 120 staff. 23.15 ha (zoo – 1,2 ha). Att. – 53,987. Mammals – 54 spp., 144 specimens; birds – 54 spp., 136 specimens; reptiles – 31 spp., 72 specimens; fishes – 45 spp., 1,163 specimens; invertebrates – 9 spp. Total: 193 spp., 1,515 specimens+.

Speciality: animals of Siberia and Far East.

**SHAKHTY**

Population – 226.452

**Yuzhnyi park Malinki**

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

Tel.: (495) 532-54-93, (800) 555-37-08, (906) 733 23 78. E-mail:

[park@malinkibirds.ru](mailto:park@malinkibirds.ru), [zoology@malinkibirds.ru](mailto:zoology@malinkibirds.ru), [veterinaria@malinkibirds.ru](mailto:veterinaria@malinkibirds.ru). Web:[www.malinkibirds.ru](http://www.malinkibirds.ru). Executive Director: Sergei Al. Morozov. Deputy Director for

Zoology and Veterinary Medicine: Dar'ya N. Rupasova (8-953-567-91-54). Vet:

Marina V. Kazemirchuk. 87 staff. 7,5 ha. Att. – 350,000. Mammals – 28 spp. 167

specimens; birds – 175 spp., 1,100 specimens; reptiles – 3 spp., 6 specimens. Total:

206 spp., 1,273 specimens.



**Приморский  
Сафари-парк**

**SHKOTOVO**

Population – 4.614

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

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

Tel.: 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. Manager of the seaside Safari park: Aleksandr Al. Kuprikov. Deputy Director: Galina N. Komarova. Vet.: Oleg L. Nikonov. 22 staff. 17 ga. Att. – 132,751. Mammals – 27 spp., 78 specimens; birds – 29 spp., 79 specimens. Total: 56 spp., 157 specimens.

Speciality: keeping and exhibiting animals of Primorsky Krai.

**Branch of the Moscow Safari Park**

162390 Moskovskaya obl., Mozhaiskii raion, der. Klemyatino.

Tel.: 8 914 700 65 23, 916 911 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. 7 staff. 31 ga. Att. – 35,500. Mammals – 20 spp., 50 specimens; birds – 13 spp., 42 specimens. Total: 33 spp., 92specimens.



**SMOLENSK**

Population – 327.241

**Smolensk Zoo**

214031 Smolensk, ul. Pamfilova, 3-b. Open 2001.

Tel.: (4812) 70-30-31. E-mail: [zoosmol@yandex.ru](mailto:zoosmol@yandex.ru). Web: [www.smolzoo.ru](http://www.smolzoo.ru). Director: Igor V. Nikolaenkov. Deputy Directors: Tat'yana V. Shul'ga, Elena Al. Lyubimova. 33 staff. 4,2 ga. Att. – 1,751. Mammals – 8 sp., 18 specimens; birds – 2 spp., 12 specimens; reptiles – 11 spp., 25 specimens; amphibians – 3 spp., 5 specimens; fishes – 7 spp., 75 specimens; invertebrates – 6 spp. Total: 37 spp., 135 specimens+.



Population – 700.000

**SOCHI**

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

Tel./fax: (862) 267-72-26. 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. 15 staff. 1.200 m. sq. Att. – 95,000. Mammals – 5 spp., 7 specimens; birds – 1 spp., 11 specimens; reptiles – 5 spp., 18 specimens; fishes – 57 spp., 295 specimens; invertebrates – 25 spp. Total: 88 spp., 331 specimens+.

**SOCHI**

Population – 700.000

***Delfinariy “Morskaya zvezda”***

354200 Sochi, Krasnodarskiy krai, p/ Lasorevskoe, ul. Kommunisticheskaya, d. 9, pom. 101. Open 2005.

Tel.: (800) 302-14-19. E-mail: [delfinariiy-mz@yandex.ru](mailto:delfinariiy-mz@yandex.ru), [akva-delfin@yandex.ru](mailto:akva-delfin@yandex.ru).

Director: Gagik A. Petrocyan. Deputy Director: Karen R. Zeitunyan. 31 staff. 2442,4 m. sq. Mammals – 31 spp.; reptiles – 5 spp.; fishes – 35 spp. Total: 71 spp.

**SOCHI**

Population – 700.000

***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./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: Stanislav Al. Fokin. 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. 262 staff. 86 ha. Att. – 29,800. Mammals – 24 spp., 6,341 specimens. Speciality: primates.



П А Р К

# • РИВЬЕРА •

— 1 8 9 8 —

**SOCHI****Zoo RIO**

Population – 700.00

354065 Sochi, ul. Egorova, 1. Open 2013.

Tel.: + 952 827-61-73; 952 857-74-44. E-mail: [zoo.neta@bk.ru](mailto:zoo.neta@bk.ru), [parkonomika@yandex.ru](mailto:parkonomika@yandex.ru). Web: [www.t.me/zoo\\_Rio](http://www.t.me/zoo_Rio). Founder: Elena An. Kalugina. Director: Stanislav S. Kryukov. Deputy Director: Aleksandr V. Kosolapov. Head of the exhibition: Susanna Av. Sindkhi-Tkhakur. Vet: Nikolai N. Kisilev. 16 staff. 500 m. sq m. sq. Att. – 10,000. Mammals – 1 spp.; birds – 3 spp.; reptiles – 4 spp. Total: 8 spp.



ZooGreenPark  
Karjala

**SORTAVALA****Karelia Zoo Greenpark**

Population – 35.000

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. – 104,735. Mammals – 73 spp., 288 specimens; birds – 23 spp., 79 specimens; reptiles – 3 spp., 4 specimens. Total: 99 spp., 371 specimens.



ПАРК  
ЛОГА

**STARAYA STANITSA****Park "LOGA"**

Population – 86.365

347830 Rostovskaya obl., Kamenskii raion, kh. Staraya Stanitsa, ul. Bol'shevitskaya, 77. Open 2012.

Tel.: 7 (928) 762-44-99; (909) 428-88-87. E-mail: [yampolskaya.i@outlook.com](mailto:yampolskaya.i@outlook.com), [UsikN@yandex.ru](mailto:UsikN@yandex.ru). Director of Development: Aleksei Yur. Mescheryakov. Curator, Collection: Nikolai N. Usik. Vet: Sergei An. Bondar'. 19 staff. 22 ha. Att. – 100 000. Mammals – 42 spp., 213 specimens; birds – 51 spp., 556 specimens; reptiles – 27 spp., 65 specimens; amphibians – 8 spp., 32 specimens; fishes – 2 spp., 50 specimens; invertebrates – 1 spp. Total: 131 spp., 916 specimens+.

**STARYI OSKOL**

Population – 258.000

***Staryi Oskol Zoo***

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

Tel.: (4725) 47-32-00. E-mail: [oskol-zoo@yandex.ru](mailto:oskol-zoo@yandex.ru). Web: [www.oskol-zoo.ru](http://www.oskol-zoo.ru).

Director: Pavel V. Didenko. Deputy Director: Mikhail V. Scherbinin. Head of Educational Department: Egor Al. Prokopenko. 45 staff. 19.6 ha (exposition – 9 ha). Att. – 123,200. Mammals – 34 spp., 115 specimens; birds – 22 spp., 125 specimens; reptiles – 4 spp., 5 specimens. Total: 60 spp., 245 specimens.

**STAVROPOL**

Population – 550.147

***Stavropol Zooexotarium***

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

Tel./fax: (8652) 26-33-64. 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. Vet: Alina V. Alina V. Besakaeva. 26 staff. 299.4 m. sq. Att. – 59,089. Mammals – 41 spp., 193 specimens; birds – 24 spp., 80 specimens; reptiles – 29 spp., 53 specimens; amphibians – 2 spp., 2 specimens; fishes – 27 spp., 113 specimens; invertebrates – 13 spp. Total: 137 spp., 441 specimens+.

Speciality: breeding and conservation of rare species of reptiles.

**STAVROPOL**

Population – 550.147

***“Zoopark”***

355037 Stavropol, Shpakovskaya, 111. Open 2011.

Tel.: (8652) 77-00-77. E-mail: [StavZOO26@yandex.ru](mailto:StavZOO26@yandex.ru). Managing: Fedor S.

Trimbalyuk. Deputy Managing: Sergei F. Verevkin. Vet: Alena N. Verevkina. 21 staff. 5 ha. Att. – 61,126. Mammals – 38 spp., 96 specimens; birds – 8 spp., 31 specimens. Total: 46 spp., 127 specimens.



**S U R G U T**

Population – 420.000

***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. 15 staff. 3 ha. Att. – 38,415. Mammals – 30 spp., 218 specimens; birds – 48 spp., 242 specimens; reptiles – 18 spp., 36 specimens; amphibians – 5 spp., 9 specimens; fishes – 56 spp., 501 specimens; invertebrates – 33 spp. Total: 190 spp., 1,006 specimens +.  
 Speciality: animals of Siberia.

**T R O I T S K**

Population – 12.692.466

***“Exzootirpark”***

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.  
**No reply.**

**T U L A**

Population – 466.609

***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. Koval'chuk. Scientific Secretary: Svetlana P. Popovskaya. Head of the Zoological Department: Ilya S. Korshunov. 70 staff. 1,980 m. sq. Att. – 105,365. Mammals – 26 spp., 131 specimens; birds – 17 spp., 73 specimens; reptiles – 142 spp., 1,205 specimens; amphibians – 27 spp., 148 specimens; fishes – 18 spp., 364 specimens; invertebrates – 20 spp. Total: 250 spp., 1,821 specimens+.  
 Speciality: amphibians and reptiles of South-East Asia.  
**IZE**

**TYUMEN**

Population – 855.031

***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: Yuliya Ol. Shamsutdinova. Vet: Maksim An. Alekseev. 10 staff. 3,5 ha. Att. – 65,575. Mammals – 45 spp., 172 specimens; birds – 20 spp., 102 specimens; reptiles – 11 spp., 33 specimens; invertebrates – 1 spp. Total: 77 spp., 308 specimens +.

**UKHTA**

Population – 94.168

***Center for Creativity named after G. A. Karchevsky Zoo “Station of Young Naturalists”***

169300 Respublika KOMI, g. Ukhta, ul. Pushkina, d. 25. Open 1953.

Tel.: (8216) 75-14-39, 75-11-18. E-mail: [crtdu\\_uhta@mail.ru](mailto:crtdu_uhta@mail.ru). Web: [www.centrtvorchestvakarchevskogo](http://www.centrtvorchestvakarchevskogo). Director: Leonid V. Krasnoperov. Deputy Director: Anstasiya R. Zakharova. Vet: Antonina V. Petrik. 9 staff. 322,6 m. sq. Att. – 27 520. Mammals – 14 spp., 26 specimens; birds – 12 spp., 35 specimens; reptiles – 5 spp., 8 specimens; amphibians – 1 spp., 1 specimens; fishes – 15 spp., 100 specimens; invertebrates – 4 spp. Total: 51 spp., 170 specimens.

**ULAN-UDE**

Population – 439.128

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

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

Tel.: (3012) 33-25-10. E-mail: [emtp@mail.ru](mailto:emtp@mail.ru). Web: [www.ethnomuseum03.ru](http://www.ethnomuseum03.ru). Director: A.A. Maladaev. Deputy Director: Dorthi D. Shorkhоеv. Head of the nature Department: Oleg V. Zagulov. Vet: Ivan V. Druthini. 11 staff. 1,3 ha. Att. – 201 600. Mammals – 21 spp., 45 specimens; birds – 11 spp., 18 specimens. Total: 32 spp., 63 specimens.

**ULYANOVSK**

Population – 613.334

***Ulyanovsk Zoo***

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

Tel.: (8422) 70-76-66. E-mail: [Ulzoo73@mail.ru](mailto:Ulzoo73@mail.ru). Web: [www.ulzoo.ru](http://www.ulzoo.ru). Director: Denis Al. Savrandeikin. Deputy Director: Maksim An. Korolkov. Vet: Natal'ya N. Karamysheva. 43 staff. 7,62 ha. Att. – 98 000. Mammals – 28 spp., 194 specimens; birds – 65 spp., 633 specimens; reptiles – 17 spp., 60 specimens; amphibians – 2 spp., 16 specimens; fishes – 49 spp., 507 specimens; invertebrates – 8 spp. Total: 169 spp., 1,410 specimens+.

**USSURIISK**

Population – 198.331

***Zoo “Chudesnyi”***

692542 Moscow, Leninskii prospekt, 33, IPEE RAS, SES «Chernogolovka». Open 1975.

Tel.: (953) 208-57-57, (902) 527-53-03. E-mail: [ussurzoo@mail.ru](mailto:ussurzoo@mail.ru). Web: [www.ussurzoo.ru](http://www.ussurzoo.ru). Director: Ekaterina V. Zotova. Deputy Director: Yurii Ig. Zotov. 7 staff. 5,0 ga. Att. – 38 839.

**VLADIVOSTOK**

Population – 597.237

***Primorskii okeanarium******FGBUN “Natsionalnyi nauchnyi tsentr morskoi biologii im. A.V. Zhirmunskogo”***

690041 Primorskii krai, Vladivostok, ul. Pal'chevskogo, 1. Open 2016.

Tel.: 914 791 78 94; (423) 223-94-00, (423) 223-94-01. E-mail: [serkov\\_vm@mail.ru](mailto:serkov_vm@mail.ru), [nscmb@mail.ru](mailto:nscmb@mail.ru). Web: [www.imb.dvo.ru](http://www.imb.dvo.ru). E-mail: [primocean@primocean.ru](mailto:primocean@primocean.ru). Web: [www.primocean.ru](http://www.primocean.ru). Director of the center: Igor Yur. Dolmatov. Director of the Aquarium: Ol'ga G. Shevchenko. Aquarium curator: Andrey V. Telegin. Head of the service for the formation of expositions and accounting of hydrobionts: Anton Ev. Brykov. Chief ichthyopathologist: Maria Iu. Popova. Vet: Mariya V. Chistyeva. 982 staff. 94 ga. Att. – 550,000. Mammals – 6 spp., 19 specimens; birds – 1 spp., 22 specimens; reptiles – 14 spp., 27 specimens; amphibians – 18 spp., 80 specimens; fishes – 185 spp., 3,154 specimens; invertebrates – 66 spp. Total: 290 spp., 3,302 specimens +.

**VLADIVOSTOK**  
**Zoo "Sadgorod"**



Population – 591.628

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). General manager: Sergei V. Asnovin. Deputy Director: Efim Al. Lyubchenko. Vet: Ilya K. Medvedev. 25 staff. 2,5 ha. Att. – 50,000.

**VOROBJI**  
**Park of Birds "Vorobji"**



Population – 682

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

Tel./fax: +7 (4843) 97-23-44. 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, Vet: Nikolai N. Zorin. 63 staff. 24 ha. Att. – 233,155. Mammals – 75 spp., 356 specimens; birds – 261 spp., 1,611 specimens; reptiles – 27 spp., 77 specimens, amphibians – 6 spp., 25 specimens; fishes – 91 spp., 705 specimens; invertebrates – 3 spp. Total: 463 spp., 2,774 specimens +.

Speciality: breeding of rare species of parrots.



**VORONEZH**  
**Voronezh Oceanarium**

Воронежский  
ОКЕАНАРИУМ

Population – 1.000.000

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), [zaryanovsy@tur-36.ru](mailto:zaryanovsy@tur-36.ru), [sidorenkoka@tur-36.ru](mailto:sidorenkoka@tur-36.ru), Web: [www.oceanarium-vrn.ru](http://www.oceanarium-vrn.ru). Director: Stanislav Yu. Zaryanov. Head Director Zoovet: Kseniya Al. Sidorenko. Vet: Oksana S. Lyamzina. 55 staff. 4,400 m. sq. Att. – 220,000. Mammals – 26 spp., 77 specimens; birds – 4 spp., 14 specimens; reptiles – 27 spp., 70 specimens; amphibians – 3 spp., 9 specimens; fishes – 239 spp., 3 563 specimens; invertebrates – 29 spp. Total: 328 spp., 3,733 specimens+.

Speciality: sea animal.



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

**VORONEZH**

*Voronezh Zoo*

Population – 1.000.000

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: [vrnzoo@mail.ru](mailto:vrnzoo@mail.ru). Web: [www.zooparkvrn.ru](http://www.zooparkvrn.ru). Director: Andrei G. Shestopalov. Deputy Director, Zoovet: Inna G. Subbotina. Vet: Artem Ol. Tsvetkov. 105 staff. 7.1 ha. (+ nursery zoo 23,8 ha). Att. – 304,886. Mammals – 38 spp., 145 specimens; birds – 36 spp., 213 specimens; reptiles – 20 spp., 52 specimens; amphibians – 2 spp., 3 specimens; fishes – 52 spp., 247 specimens; invertebrates – 42 spp. Total: 188 spp., 660 specimens+.



**YAKUTSK**

*Yakutsk Zoo*

Population – 300.000

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. – 92,031. Mammals – 33 spp., 82 specimens; birds – 38 spp., 140 specimens; reptiles – 33 spp., 55 specimens; amphibians – 12 spp., 23 specimens; fishes – 6 spp., 21 specimens; invertebrates – 24 spp. Total: 146 spp., 321 specimens +.

Speciality: fauna of Siberia and the Far East.



**Y A R O S L A V L**  
***Yaroslavl Zoo***

Ярославский  
зоопарк

Population – 608.353

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. Vinogradova. Deputy Director for Core Business: Nikolai Al. Potapov. Zoo: Mariya Al. Dmitrieva. Vet: Yuliya Al. Dmitrieva. 153 staff. 123 ha (exposition – 58 ha). Att. – 330,000. Mammals – 80 spp., 480 specimens; birds – 117 spp., 358 specimens; reptiles – 47 spp., 97 specimens, amphibians – 7 spp., 41 specimens; fishes – 69 spp., 612 specimens; invertebrates – 56 spp. Total: 376 spp., 1,588 specimens+.  
Speciality: animals of Central Russia.



**Y U Z H N O - S A K H A L I N S K**  
***Sakhalin Zoological-Botanical Park***

Population – 180.467

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), [director@sakhalinzoo.ru](mailto:director@sakhalinzoo.ru), [priemnaya@sakhalinzoo.ru](mailto:priemnaya@sakhalinzoo.ru), [zamdir@sakhalinzoo.ru](mailto:zamdir@sakhalinzoo.ru), [info@sakhalinzoo.ru](mailto:info@sakhalinzoo.ru), [curatorcollections@sakhalinzoo.ru](mailto:curatorcollections@sakhalinzoo.ru). Web: [www.sakhalinzoo.ru](http://www.sakhalinzoo.ru). Director: Stepan M. Sergeev. Head of the Zoological Department: Nadezhda Al. Kondrat'eva. Head of the veterinary and quarantine sector: Andrei V. Zaitsev. 91 staff. 8 ha. Att. –244,733. Mammals – 53 spp., 176 specimens; birds – 48 spp., 179 specimens; reptiles – 47 spp., 90 specimens; amphibians – 14 spp., 56 specimens; fishes – 91 spp., 735 specimens, invertebrates – 23 spp. Total: 276 spp., 1,236 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). Web: [www.zelzooark.ru](http://www.zelzooark.ru). Director: Lyubov V. Moiseeva. Deputy Director: Evgeniya N. Gubanova. Vet: Natal'ya V. Nizhnik. 18 staff. 6.9 ha. Att. – 10,000. Mammals – 58 spp., 158 specimens; birds – 32 spp., 239 specimens; reptiles – 1 spp., 2 specimens; invertebrates – 2 spp. Total: 93 spp., 429 specimens+.

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

Population – 82.591

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: [zooarkkirov@mail.ru](mailto:zooarkkirov@mail.ru). Web: [www.kirovark.ru](http://www.kirovark.ru). Director: Irina Al. Kislova. Head, Zoo: Sofiya Ol. Bakhareva. Zootechnik: Tatyana P. Talanova. 10 staff. 3.622 m. sq.  
**No reply.**

**Z U B T S O V*****ООО “Wild breeding”***

Pitomnik v Tverskoi oblasti, Nelidovskii raion, d. Nivy.

172332 Tverskaya obl., Zubtsov, ul. Parizhskoi Kommuny, d. 41, of. 3.

Tel.: 7 916 789 40 52, 916 802 26 25. E-mail: [aliskerov@mail.ru](mailto:aliskerov@mail.ru). Director: Sergei V. Aliskerov. 3 staff. 20,0 ha. Mammals – 4 spp., 150 specimens.

Speciality: Technologies of intensive breeding of wild ungulates, Animal fixation for zootechnical and veterinary procedures, Nursery design, reintroduction into nature.

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. 40 staff. 9,6 ha. Att. – 323,531. Mammals – 23 spp., 175 specimens; birds – 22 spp., 51 specimens; reptiles – 10 spp., 13 specimens; fishes – 48 spp., 59 specimens, invertebrates – 1 spp. Total: 104 spp., 298 specimens +. FGZAR, EAZA.

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.

***No reply.***





**K O S I C E**  
**Košice Zoo**

Population – 229.040

Ulica k Zoologickej zariadeniu 1, 040 01 Košice-Kavečany. Slovakia. Open 1979.  
Tel.: +421 (55) 7968 022. Fax: +421 (55) 796 8024. 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. 72 staff. 289,5 ha.  
UCSZ, IZE  
**No reply.**



**S P I Š Š K Á N O V Á V E S**  
**Zoological Garden Spišská Nová Ves**

Spišská Nová Ves Population – 35.138

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, construction manager: Karol  
Dzurik. Vet: Albert Martinko. 12 staff. 8,0 ha. Att. – 134,121. Mammals – 42 spp.,  
146 specimens; birds – 31 spp., 104 specimens; reptiles – 19 spp., 39 specimens;  
amphibians – 1 spp., 6 specimens; fishes – 22 spp., 107 specimens, invertebrates –  
12 spp. Total: 127 spp., 402 specimens+.  
UCSZ

Sultanate of Oman

**M U S C A T**

Population – 1.720.000

**Al Naseem Park**

P.O. Box – 1180. Bousher, South Gobra, Muscat, Sultanate of Oman.  
Tel.: + 968 994 784 14, 98 998 629 88, 968 998 629 88. Tel.fax: + 968 244 883 81.  
E-mail: [ol-naseem2007@hotmail.com](mailto:ol-naseem2007@hotmail.com). Director, manager: Musaab Salim Al Hinai.  
Administrative Manager: Wail Nassder Al Hinai. Deputy Director: Abdullah Salim  
Al Hinai. 20 staff. 4 000,0 ga. Att. – 150,000. Mammals – 6 spp., 20 specimens; birds  
– 8 spp., 30 specimens; reptiles – 5 spp., 15 specimens; fishes – 5 spp., 500  
specimens. Total: 127 spp., 402 specimens.

Switzerland

**BIOPARC GENÈVE**  
PIERRE CHALLANDES

Population – 201.818

**GENÈVE**

*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.

**No reply.**

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) 250-61-31. Tel./fax: (99237) 250-61-30. E-mail: [Dushanbe.zoopark@gmail.com](mailto:Dushanbe.zoopark@gmail.com). Director: Maruf Makhmadizoda (tel.: (992) 918 679 590. Deputy Director: Saidkhudzha Safarov. Scientific Director: Elena V. Kim. Vet: Firus Aliev. 50 staff. 5 ha.

**No reply.**

Turkish Republic

**ESKİŞEHİR**

*Zoo Eskisehir*

Population – 915.418

26150 Sazova Mah. Ulusal Egemenlik Bulvar, 209/F. Tepebaşı/Eskişehir. Open 2016.

Tel.: + 90 222 300 00 66. E-mail: [hayvanat.bahcesi@eskisehir.bel.tr](mailto:hayvanat.bahcesi@eskisehir.bel.tr). Web: [www.eskisehirhayvanatbahcesi.com](http://www.eskisehirhayvanatbahcesi.com). General Director Zoo: Nurben F. Koptekin. Animal Welfare Manager: Cenk Korugan. Vet.: Mehmet Ugur Adtunsu. 95 staff.

85.000 m. sq. Att. – 567,408. Mammals – 28 spp., 169 specimens; birds – 25 spp., 183 specimens; reptiles – 26 spp., 94 specimens; amphibians – 2 spp., 2 specimens; fishes – 67 spp., 788 specimens, invertebrates – 9 spp. Total: 156 spp., 1,236 specimens+.

## Turkmenistan



### **ASHGABAT**

Population – 1.003.678

#### ***Ashgabat Zoo***

744000 Aşkabat, etr., Kopetdag sayoly 360 jay. JTMM. Open 1936.

Tel.fax: + 9 931 272 23 60. Tel.: 9 937 110 85 01. E-mail: [muratguliamanov@gmail.com](mailto:muratguliamanov@gmail.com), [elldaru@mail.ru](mailto:elldaru@mail.ru). Director: Muratguli Amanov. Curator, Deputy Director: A.T. Sahatliev. Deputy Director for Medical and Preventive Work: Bekmurad Meredov. Head of the Scientific Department: Atanazar Bairamlyev. Vet.: Ovezgeldy Dovletov. 514 staff. 40 ga. Att. – 242,545. Mammals – 43 spp., 373 specimens; birds – 48 spp., 445 specimens; reptiles – 13 spp., 124 specimens; amphibians – 2 spp., 44 specimens; fishes – 33 spp., 2,357 specimens, invertebrates – 1 spp. Total: 140 spp., 3,343 specimens+.

## United Arab Emirates

### **AL AIN**

Population – 645.000

#### ***Al Ain Zoo, United Arab Emirates***

Nahyan The First Street Shiab Al Ashkhar, Al Ain, Abu Dhabi. Open 1967.

Tel.: (971) 37 992 000. E-mail: [info@alainzoo.ae](mailto:info@alainzoo.ae), [mark.craig@alainzoo.ae](mailto:mark.craig@alainzoo.ae). Web: [www.alainzoo.ae](http://www.alainzoo.ae). Director General His Excellency: Mr. Ghanim Al Hajeri. Chief Operating Officer: Mr. Ahmed Al Harrassi. DG Advisor: Mr. Mark Craig. 570 staff. 950 ha. Att. – 450,000. Mammals – 70 spp., 2,374 specimens; birds – 81 spp., 1,019 specimens; reptiles – 30 spp., 300 specimens; amphibians – 2 spp., 13 specimens. Total: 183 spp., 3,706 specimens.

Speciality: Desert Ungulates and Arid Zone wildlife.

**FUJAIRAH**

Population – 256.256

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

P.O. Box: 1, Fujarah UAE, Government, Wadi Al Wurayah Reserve and National Park, Al Hilal Business Tower, Floor 26.. Open 2015.

Tel.: (971) 502 360 888; 092 567 088; 050 206 08 88 – Vladimir Korshunov. E-mail: [korshunvlad@mail.ru](mailto:korshunvlad@mail.ru). Director: Aseela Abdulla Al Hashmi. Head, Manager: Vladimir Korshunov. 9 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 – 32 spp., 44 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).

Speciality: breeding of rare ungulates.

**FERGANA**

Population – 264.900

***Ferganskii Zoo***

150100 Fergana, ul. Bogishamol, 232-a. Open 2016.

Tel.: + 998 73 245-04-62, + 998 73 245-04-61. E-mail: [ferganazoo@mail.ru](mailto:ferganazoo@mail.ru).

Director: Tursunali Mamazhonov. Deputy Director: Ravshan T. Mamazhonov. Vet: Makhmud Tashbaltaev. 63 staff. 3.2 ha.

**No reply.**



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

### ***Tashkent Zoo***

Population – 3.020.500

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: [info@tashkentzoo.uz](mailto:info@tashkentzoo.uz), [science.int@tashkentzoo.uz](mailto:science.int@tashkentzoo.uz), [f.mirsalikhova@tashkentzoo.uz](mailto:f.mirsalikhova@tashkentzoo.uz).

Web: [www.tashkentzoo.uz](http://www.tashkentzoo.uz). Director: Azamat Al. Maksudov. Deputy Director: Avaz Yuldashev. Advisor to the Director: Akmal S. Kurbanov. Head of the press service: Dinara Chirkova. Head Zoologist: Mirzarauf M. Makhadaliev. Vet: Makhmudzhan Kuzibaev. 272 staff. 21.5 ha. Att. – 498,542. Mammals – 73 spp., 300 specimens; birds – 96 spp., 1,165 specimens; reptiles – 36 spp., 249 specimens; amphibians – 4 spp., 17 specimens; fishes – 96 spp., 8,682 specimens; invertebrates – 12 spp. Total: 317 spp., 10,413 specimens+.

Speciality: birds of prey.



## **T E R M E Z**

### ***Termezskii Zoo***

Population – 148.000

191100 Termez, Sukhandar'inskaya oblast, ul. Sufi Allayar, d. 71. Open 1934.

+ 998 554 511 298, + 998 903 790 088. Факс: 22-3-65-57. E-mail: [zootermiz@mail.ru](mailto:zootermiz@mail.ru), [jumayevbaxodir34@gmail.com](mailto:jumayevbaxodir34@gmail.com). Director: Chari K. Sattorov.

Deputy Director: Khemat M. Abdullaev. Vet: Musurman M. Bekchanov. 77 staff. 13.2 ha. Att. – 46,000. Mammals – 24 spp., 98 specimens; birds – 67 spp., 570 specimens; reptiles – 19 spp., 98 specimens; amphibians – 2 spp., 6 specimens. Total: 112 spp., 772 specimens+.



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



**EARAZA News****ANNUAL REPORT  
2023****Eurasian Regional Association of Zoos and Aquariums (EARAZA)**

In 2023, 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 Almaty Zoo, Kazakhstan, on May 11–15, 2023.

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

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

The following training and capacity building activities were organized and carried out with EARAZA support in 2023:

1. **The III International Conference “*Ocean in the City*”**, VDNH, Moscow, Russia, 15–19 February 2023. Organizers: “Mosquarium” Centre of Oceanography and Sea Biology, EARAZA/RUZA. All participants were granted special certificates.
2. **The 13<sup>th</sup> International Scientific and Practical Conference “*Aquarium as a Means of Studying the World*”**, Kogalym (Khanty-Mansi Autonomous Okrug), Russia, 21–23 April. Organizers: Aqua Logo Engineering company, OOO SKK (operator of the AQUATICA Oceanarium), Aqua Logo Training Centre, EARAZA/RUZA.
3. **EARAZA Annual Conference**, Almaty, Kazakhstan, May 11-15, 2023. The Conference was attended by delegations representing 21 countries.
4. **All-Russia Conference “*Marine Biology in the 21<sup>st</sup> Century: Developmental Biology, Molecular and Cell Biology, Biotechnology of Marine Organisms*”**, Vladivostok, Russia, September 12-15, 2023. Organizers: A.V. Zhirmunsky National Scientific Center of Marine Biology (NSCMB), Primorsky Oceanarium.
5. **Training programs of the Aqua Logo Training Centre and Planet Neptune Oceanarium** (further information is provided below in the report of the EARAZA Working Group on Public Aquariums and Dolphinariums).
6. In 2023, **Moscow Zoo's Academy** carried out **8 training courses** on various topics including “Zoo Basics” and “Biology in 21<sup>st</sup> Century: Scientific Schools and Lines of Research” (basic and advanced courses of the Academy's *Keeper School*), “Veterinary Herpetology”, “Training in the Zoo: Competent Approach and Animal Quality of Life”, and “Zoopsychology and Comparative Psychology”. A total of 152 employees of EARAZA zoos have been trained.



Besides, colleagues from a number of EARAZA zoos participated in the following workshops and meetings:

1. **Scientific and Practical Workshop of the Patriot Park (Moscow Oblast): “Current Issues in the Husbandry, Breeding and Behaviour of Animals in Captivity”**, 27.01.2023. Presentations were given by V.A. Ostapenko, N.V. Karpov, V.Ye. Frolov and other staff members of the Moscow Zoo.
2. **Falcon Day International Forum** held on September 10, 2023 in Vladivostok, in the frame of the 8th Eastern Economic Forum. V.Ye. Frolov, V.A. Ostapenko, and T.A. Vershinina (Moscow Zoo) were among the participants of the Forum.
3. **The Seventh All-Russia Congress of the Russian Union of Zoos and Aquariums (RUZA), Nizhny Novgorod, Russia, June 4-8, 2023**. Organizers: RUZA, Limpopo Zoo (Nizhny Novgorod). The Congress was dedicated to the 20<sup>th</sup> anniversary of the founding of the Russian private zoo “Limpopo”.

### **Publications**

- **Current Issues of Zoology, Ecology, and Nature Conservation**. Collection of papers, v. 5. 2023. Moscow. Agricultural Technologies. P. 222.
- **The 42<sup>nd</sup> Informational Issue of Eurasian Regional Association of Zoos and Aquariums** in two volumes (volume 1, pp. 226; volume 2, pp. 460). 2023. Moscow, Moscow Zoo.
- **The 32<sup>nd</sup> volume of the Yearbook on Birds of Prey in Zoos and Breeding Stations**, Editors: S.V. Akulova, V.A. Ostapenko. 2024. Moscow. EARAZA, RUZA (Russian Union of Zoos and Aquariums), Moscow Zoo. P. 222 (sent to press in 2023).
- **Problems in Zoocultures and Ecology**. Collection of scientific papers, v. 7. 2024. Moscow. EARAZA, RUZA, Moscow Zoo. P. 185 (sent to press in 2023).
- **Problems of Aquaculture, volume 7**. Collection of papers based on the proceedings of the 11<sup>th</sup>, 12<sup>th</sup>, and 13<sup>th</sup> International Scientific and Practical Conferences “Aquarium as a Means of Studying the World”. Moscow, Aqua Logo Engineering Company, Moscow Zoo, EARAZA, RUZA. To be published in 2024. P. 350.

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. The materials published by EARAZA in the last 20 years can be downloaded from EARAZA website: <http://earaza.ru/> (sections *Informational issues* and *Thematic publications*). *Translations* section contains translated texts of many brochures, books, research papers, and animal management guidelines developed by AZA, EAZA, and WAZA. The texts were translated by employees of EARAZA, Moscow Zoo, Kaliningrad Zoo, and some other Russian zoos.

During the past year, the staff of the EARAZA Executive Office provided 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 captive husbandry of wild animals.

Totally, over 300 requests for consultations from zoos’ staff and representatives of other institutions, as well as from private individuals, were handled by the EARAZA Information Centre in 2023. 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 the Republic of Karelia, Irkutsk, Penza and Perm Oblasts, and Krasnodarskiy Krai of the Russian Federation,

Ministry of Natural Resources and Environment of the Russian Federation (Minprirody), Ministry of Education and Science of the Russian Federation, Federal Service for Supervision in the Use of Natural Resources of the Russian Federation (Rosprirodnadzor), Federal Service for Veterinary and Phytosanitary Surveillance (Rosselkhozadzor) (in support for zoos), and Ministry of Agriculture of the Russian Federation. A letter of support for the Karakol Zoo was sent to President of Kyrgyzstan.

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 EARAZA Working Groups carried out a wide range of activities over the reporting period:***

***- Veterinary Working Group***

The last year has been very productive for the EARAZA/RUZA (Russian Union of Zoos and Aquariums) Veterinary Working Group. A new professional veterinary chat currently unites 102 veterinary specialists from the Russian Federation, Kazakhstan, Belarus, Uzbekistan and other countries. The chat has provided a platform for sharing experience in various areas of veterinary activity. Daily discussions of the condition and treatment of emergency patients, development of the algorithms of work, translation of scientific papers, and holding online conferences were made possible due to the use of this simple instrument.

Building trust between veterinary professionals allowed to identify the most serious problems in various aspects of veterinary care in zoos. The main problems include gaps in basic professional education, the absence of a specialization in medicine of wild and zoo animals in veterinary universities, the lack of educational training programs in regional zoos, poor equipment of veterinary complexes, paucity of trained staff, and many more. Our task is to find solutions to the identified problems as soon as possible.

This year, an award was established in the category “The Best Zoo Veterinary Specialist”; the nomination criteria have been developed in consultation with the members of EARAZA Veterinary Working Group.

*A.N. Vysokikh, Working Group Chair (Moscow, Russia)*

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

The EARAZA Working Group on Terrestrial and Freshwater Invertebrates (EARAZA IWG) was established in 2003 on the initiative of the Moscow Zoo Entomology Department. In 2018, the Working Group was transformed into EARAZA/RUZA 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 March 2023, new members joined IWG, including Timofey Chuprakov (Grodno Zoo, Belarus), Yury Zhuravlyev (Leningrad Zoo, Russia), Alexander Ignatenko (Rostov-on-Don Zoo, Russia), and Andrey Zagorinsky (Moscow Zoo, Russia). Two specialists left the Working Group at their own requests.

In 2023, due to the continuing difficult international situation, the exchange of experience and consultation activities took place mainly between Russian members of IWG, especially between staff members of the Insectariums of the zoos of Voronezh, St. Petersburg (Leningrad Zoo), Chelyabinsk, and Rostov-on-Don, as well as Entomology Department of the Lomonosov Moscow State University. The information exchange between Moscow Zoo and Voronezh Zoo was particularly intensive because of the preparation of the publication of the proceedings of the 8<sup>th</sup> International Workshop “*Invertebrates in the Collections of Zoos and Insectariums*”. At the same time, IWAG members were engaged in the activities related to invertebrates in zoos and in the wild.

In July 2023, IWG members from the Entomology Department of the Moscow Zoo M. Berezin and Ye. Tkachova, on the invitation of A.G. Shestopalov, Director of Voronezh Zoo named after A.S. Popov, and A.I. Masalykin, cand. of biol. sciences, Deputy Director of Voronezh Zoo and

IWG member, visited Voronezh Zoo for providing advisory support in the publication of the proceedings of the 8<sup>th</sup> International Workshop “*Invertebrates in the Collections of Zoos and Insectariums*” that was hosted by Voronezh Zoo in 2022, and for continuing monitoring of the populations of rare invertebrate species in the nature area of Voronezh Oblast. The monitoring started in 2021 under the “*Developing methods of rare invertebrate species husbandry and breeding in culture*” joint EARAZA/RUZA IWG research program. Specialists from Moscow and Voronezh zoos M. Berezin, Ye. Tkachova and A. Masalykin repeatedly came to the surroundings of the city of Voronezh for short visits to survey natural areas for identifying habitats of rare species included in the Red Book of the Russian Federation: the European stag beetle (*Lucanus cervus*), the big rose-chafel (*Protaetia speciosissima*), and the predatory bush cricket (*Saga pedo* (Pallas)). Besides, the locations of habitats of the rare insect species listed in the Red Book of Voronezh Oblast, including the Southern barbed-wire bush-cricket (*Onconotus servillei*), the splay-footed carpenter (*Xylocopa valga*), the mammoth wasp (*Megascolia maculata*), and the European praying mantis (*Mantis religiosa*), were clarified. The survey has covered steppe areas and forested plots in the ravines of the Lomovsky nature landscape park (Vorobjevsky district), steppe areas on the right bank of the river Don in the surroundings of Derezhovka and Osetrovka villages (Verkhnemamonsky district), desertified areas around Dedovka village (Petropavlovsky district), and steppe areas in the surroundings of Kostenky village (Khoholsky district).

In 2023, members of the Working Group from Voronezh Zoo (A. Masalykin) and Moscow Zoo (Ye. Tkachova, M. Berezin, D. Osypov, and T. Vershinina) who were also members of the editorial board on the publication of the collection of papers titled “*Invertebrates in the Collections of Zoos and Insectariums*”. Proceedings of the 8<sup>th</sup> International Workshop. Voronezh Zoo, September 12–17, 2022” worked hard on the compilation of papers, editing texts, and creating a layout of the proceedings. The proceedings of the Workshop (204 pages) in 250 copies were published by the Voronezh Zoo with the financial support from the Department of Natural Resources and Ecology of Voronezhskaya Oblast. A digital version of the publication in pdf-format can be downloaded from the EARAZA site: [http://earaza.ru/wp-content/uploads/8й-сборник\\_Ready22.pdf](http://earaza.ru/wp-content/uploads/8й-сборник_Ready22.pdf). The publication includes 13 papers by IWG members.

In June 2023, for the first time in the last few years, a new exhibit of invertebrates titled “Little Inhabitants of the Tropical Forests” was opened in the Exotarium of the Leningrad Zoo, thanks to the efforts of its employees and IWG members M. and A. Bagaturovs and the director of the zoo, Yury Zhuravlev; the staff of the Moscow Zoo provided the Leningrad Zoo with all possible assistance with the creation of this exhibit. Besides, a renovation of the expositions of the Insectarium of I. Kamskov in Chelyabinsk Zoo was carried out.

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

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

In 2023, the EARAZA Working Group on Birds of Prey included: V.A. Ostapenko, Prof., Dr. Sc.(Biol.), Moscow Zoo; A.G. Sorokin, Cand. Sc. (Biol.), senior researcher, All-Russia Research Institute of Ecology; I.R. Boehme, Dr. Sc. (Biol.) and V.B. Masterov, Cand. Sc. (Biol.), Lomonosov Moscow State University; Moscow Zoo’s staff members: L.Ya. Kurilovich, P.S. Rozhkov, and N.I. Skuratov; and managers of some Breeding Stations for birds of prey. Members of the Group from the Moscow Zoo continued circulating questionnaires to over 100 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 2023 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.

Organizational and editorial work was carried out for the preparation of 32<sup>nd</sup> volume of the Yearbook on Birds of Prey in Zoos and Breeding Stations. The Yearbook was sent for printing in the third quarter of 2023 and published in the second quarter of 2024 (in 100 copies). The publication is available on EARAZA website (<http://earaza.ru>). Collection of data for the 33<sup>rd</sup> volume of the Yearbook has 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 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.

Members of the Working Group attended **two meetings organized by the Roscongress foundation and the Ministry of Natural Resources and Environment of the Russian Federation**: a working meeting on the implementation of the Hanaway Falcon Center project (February 23, 2023, Salekhard, Yamalo-Nenets Autonomous Okrug) and a meeting on the establishing the program for the study of the gyrfalcon and development of measures aimed at the conservation of this species in Russia (March 16, 2023, Moscow). Working Group members also participated in the **Falcon Day International Forum**, which was held on September 10 in Vladivostok, on the opening day of the 8th Eastern Economic Forum.

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

#### **- Working Group on Conservation Education**

1. In 2023, the Working Group members participated in the conferences in Almaty and Nizhny Novgorod, where they made a number of presentations on conservation education.
2. The composition of the Working Group on Conservation Education was reviewed and its membership was expanded. Currently, the Group includes 25 educators representing zoos and aquariums of Russia, Belarus, Kyrgyzstan, and Czech Republic.
3. An attempt was made to involve colleagues from other countries in the activity of the Working Group. Educators from Brazil and the UAE responded, but we have not yet been able to achieve efficient communication and productive collaboration, primarily because of the language barrier. However, we do hope that we will resolve this problem.
4. In 2023, the Group identified several key areas in its activity, including: a) the tasks related to professional education; b) connection with EARAZA Conservation Programs; c) conservation campaigns, *in situ* conservation projects, etc.; d) educational projects for schools and universities (including conservation education standards); e) preparation of and participation in various conferences and workshops on conservation education; and f) scientific and sociological research and performance assessment.
5. Working Group members responsible for each of the areas have been identified and working plans for these areas have been developed.
6. Several online meetings were held to discuss current activities and plans for 2024.

*E.Ya. Migunova, Cand. of biological sciences, Working Group Chair (Moscow, Russia)*

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

Since some European zoos have terminated their membership in EARAZA, it is expected that a new Chair of the Elephant, Rhino, and Hippo Working Group will be nominated at the EARAZA Annual Conference 2024. Currently, this position is vacant.

**- Working Group on Public Aquariums and Dolphinariums**

**Professional conferences held in 2023**

**Exhibition and Conference “Alive Space”. 11–12 February 2023, St.-Petersburg, Russia.**

Organizers: Center of Ecology and Biology “Krestovsky ostrov”, Biotope-Aquarium.Info Portal Website and magazine “The Best Biotope Aquariums in the World”.

The Exhibition and Conference “Alive Space” was held at the Center of Ecology and Biology “Krestovsky ostrov” in Saint Petersburg on February 11-12, 2023, that included a number of workshops and master classes. The conference was focused on the aquariums, florariums and terrariums designed in biotope style, based on the data obtained from the study of wild habitats. This area of aquariumistics combines a research approach and an artistic vision of natural beauty. The program of the conference is available at: <https://biotope-aquarium.info/ru/sobytiya/life-space-2023/?ysclid=lwc1rqgggm3506096>.

**The III International Scientific and Practical Conference titled *Ocean in the City*, 15–19 February 2023, Moscow, Russia.** Organizers: “Mosquarium” Centre of Oceanography and Sea Biology, EARAZA/RUZA.

Once again, the “Mosquarium” Centre provided Russian and foreign experts with the platform for sharing experience and knowledge. The conference was attended by over 200 participants representing zoos, oceanariums and dolphinariums of various Russian cities including Moscow, St. Petersburg, Vladivostok, Kaliningrad, Yekaterinburg, Gelendzhik, Sochi, Anapa, and others, as well as by specialists from Uzbekistan and Sri Lanka. In addition, more than 60 biology students took part in the conference as listeners.

The work at the conference proceeded in six sections: Veterinary of Marine Mammals; Training and Management of Marine Mammals; Freshwater and Marine Aquariumistics; Animal Therapy; and Education. The conference featured about 60 presentations and included guided tour of the Mosquarium exhibits and life support systems; the participants could attend various master classes and round table meetings.

During the work of round tables, managers of dolphinariums and oceanariums discussed the problems related to the communication with various animal right organizations, influencing public opinion about organizations engaged in the management of wild animals, and other actual issues.

The organizers of the conference provided participants with comfortable environment for exchanging the latest information and professional experience. Participants of the conference have developed a working plan of the research focused on the husbandry of marine animals. These conferences remain the most important Russian platform for discussing the issues of the management of marine mammals in artificial conditions. The event was held with the support of the Working Group. The guest of honor at the conference was Tatiana Vershinina, Executive Director of the Russian Union of Zoos and Aquariums (RUZA) and Executive Secretary of EARAZA. She gave a welcoming speech and noted that the conference program was interesting and diverse and that the geography of its participants was expanding every year. Video recordings of 38 conference reports made by A.P. Oppolitov have been posted on RUTUBE: <https://rutube.ru/plst/270672/>.

**The 13<sup>th</sup> International Scientific and Practical Conference “Aquarium as a Means of Studying the World”, 21–23 April, 2023, Kogalym (Khanty-Mansi Autonomous Okrug), Russia.**

Organizers: Aqua Logo Engineering company, OOO SKK (operator of the AQUATICA Oceanarium, Aqua Logo Training Centre, EARAZA/RUZA.

For the first time in its 19-year history, the conference was held outside of Moscow, at the Aquatica Oceanarium, one of the largest in Russia. 131 people have registered to participate in the conference, of which about 70 attended the conference in person, and the rest connected remotely using the webinar.ru platform. The participants represented 17 settlements in Russia (Kaliningrad, St. Petersburg, Moscow, Tula, Voronezh, Krasnodar, Sochi, Penza, Irkutsk, Listvyanka village of

Irkutsk Oblast, Tyumen, Kogalym, Surgut, Yekaterinburg, Omsk, Vladivostok, Yuzhno-Sakhalinsk). Foreign specialists from Latvia, Hungary, and Great Britain also took part in the conference.

The conference participants were welcomed by P.A. Lyubenin, General Director of the Galaktika SCC; T.A. Vershinina, RUZA Executive Director and EARAZA Executive Secretary; A.L. Kazakevich, Director General of Aqua Logo Engineering company; and A.V. Telegin, curator of the conference, Chair of the EARAZA/RUZA Working Group on Public Aquariums and Dolphinariums, the head of the Department of exhibit and collection planning of the Primorsky Oceanarium.

In three days, 43 reports were given in 10 thematic sections, with 19 of them being delivered in online format. In addition, as part of the conference, two master classes on decorating aquariums were held for Kogalym schoolchildren in the “Sea Club” of the Oceanarium. Excursions around the exhibits and technical areas of the Oceanarium were very popular among the participants. Also, a trip to the Museum of Nature and Man of the national settlement of Russkinskiye was organized for the conference participants. The conference was covered by the *Western Siberia* Media Holding and the *Ugoria* TV channel.

The conference proceedings are being prepared for publication. Video recordings of 35 conference reports made by A.P. Oppolitov have been posted on RUTUBE::  
<https://rutube.ru/plst/291586/>

**The I International Scientific and Practical Conference on Aquariumistics “International Experience and Prospects for the Development of Oceanariums”, September 21-22, Astana, Kazakhstan.** Organizer: Oceanarium of the *AiLend* Entertainment Complex (former Duman Oceanarium).

The conference was dedicated to the 20th anniversary of the AiLend Oceanarium. In addition to the presentations, a round table was held as a part of the conference on the topic “International experience and prospects for the development of oceanariums.” The conference was attended, among other participants, by members of the EARAZA/RUZA Working Group on Public Aquariums and Dolphinariums. The conference program is available at:  
<https://ailand.kz/konferenciya/?ysclid=1wc20e115d947232719>.

**2023 CONFERENCE of the European Union of Aquarium Curators (EUAC), September 25-29, 2023, Horta, Fial Island, Azores, Portugal.** Organizers: EUAC, Flying Sharks Lda., and Porto Pim Aquarium.

In 2023, the EUAC Annual Conference was held in a rather remote and interesting place: almost in the center of the Atlantic Ocean, on the island base of the Flying Sharks company, which is one of the leading suppliers of aquatic animals for public aquariums. Not all members of the European Union of Aquarium Curators were able to get to the Island, but there were many guests from the USA. A total of 170 participants attended the conference. Four plenary reports and 45 sectional reports were presented. Russia was represented by one specialist, A.V. Telegin, Chair of the EARAZA/RUZA Working Group on Public Aquariums and Dolphinariums, who gave a presentation titled *Hydrobionts of the boreal northwestern Pacific and its basin in aquarium exhibits*). Abstracts of the presentations are published on the Internet:  
[https://ugc.production.linktr.ee/aeddd489-68d6-45ea-9e96-539157fba573\\_Abstract-book-EUAC2023-.pdf](https://ugc.production.linktr.ee/aeddd489-68d6-45ea-9e96-539157fba573_Abstract-book-EUAC2023-.pdf)

A report on the conference will be presented at the International Conference «*Public Aquarium in the Modern World*» that will be held on May 28 – 30, 2024 in St. Petersburg.

### **Participation of the Working Group members in the conferences of EARAZA and RUZA**

**EARAZA Annual Conference, May 11–17, 2023, Almay, Kazakhstan.** Organizers: EARAZA, Almaty Zoo, Moscow Zoo.

The conference gathered about 150 participants from 21 countries. During the conference, the results of the implemented work were summed up in the course of the conference, and a number of new zoological organizations were granted EARAZA membership, including four Chinese oceanariums (whose representatives later joined Working Group for Public Aquariums and Dolphinariums). The membership status of Mosquarium (Moscow) and Aquatica (Kogalym) Oceanariums was upgraded from Associated Member to Full Member.

**The Seventh All-Russia Congress of the Russian Union of Zoos and Aquariums (RUZA), June 4-8, 2023, Nizhny Novgorod, Russia.** Organizers: RUZA, Limpopo Zoo (Nizhny Novgorod).

The conference was timed to the 20<sup>th</sup> anniversary of the founding of the Limpopo Zoo, the most famous private zoo in Russia. Members of the Working Group actively participated in the events held in the course of the conference. Primorsky Oceanarium was granted the RUZA member certificate.

**All-Russia Conference “Marine Biology in the 21<sup>st</sup> Century: Developmental Biology, Molecular and Cell Biology, Biotechnology of Marine Organisms, September 12-15, 2023, Vladivostok, Russia.** Organizers: the A.V. Zhirmunsky National Scientific Center of Marine Biology (NSCMB), Primorsky Oceanarium.

The conference was attended by more than 200 specialists (including more than 70 nonresident scientists) from 11 cities and 34 institutions. About 50 nonresident participants of the conference arrived to Vladivostok to give presentations in person. A large group of participants represented M.V. Lomonosov Moscow State University, Saint Petersburg State University, Irkutsk State University, and research organizations under the scientific and methodological supervisions of Koltzov Institute of Developmental Biology of the Russian Academy of Sciences (RAS), Zoological Institute RAS, Shirshov Institute of Oceanology RAS, and other scientific institutions. Traditionally, colleagues from the A.O. Kovalevsky Institute of Biology of the Southern Seas (Sevastopol) participated in the conference. A number of lectures were delivered by specialists from Primorsky Oceanarium.

### **Sectoral training programs:**

#### **Programs of the Aqua Logo Training Centre 2023**

The following training programs were held by Aqua Logo Training Centre in 2023:

- Technical equipment of modern aquariums (December 10)
- Diseases of aquarium fish (December 3)
- Marine aquariumistics from A to Z (October 14-15)
- A Dutch style fish tank: technical characteristics and designing principles (September 30, 2023)
- Starting an aquarium with live plants (September 24)
- Marine tank. Simply, Quick, Inexpensive (September 23)
- Workshop school: Aquarium design (May 20)
- Express course: Fish diseases (April 15)
- Master class: Terrarium with live plants (March 25)
- Express course: Notes of aquarium perfectionist – a lecture on fish tank design (March 18)
- Marine aquariumistics from A to Z (February 18-19)
- Workshop school: Aquarium design (February 5)
- Marine tank. Simply, Quick, Inexpensive (February 4)
- Master class for children and beginning aquariumists on starting an aquarium with plants (January 5)



**Training Workshop “School of the Merman”, Saint Petersburg, October 11-12, 2023.**

Organizers: *Aquaterix* Company Group, *Planet Neptune* Oceanarium (St. Petersburg), *COSBA* Licensed Centre for Training and Certification, EARAZA/RUZA.

The training workshop was designed for technical specialists in the maintenance of hydrobionts. The stated topic: Current issues in the operation of life support systems and water preparation in Oceanariums, Dolphinariums and Zoos keeping hydrobionts. The workshop was attended by 29 participants representing Russian regions located from Kaliningrad to Vladivostok and from Kogalym to Sochi, as well as by participants from Belarus and Kazakhstan. 23 workshop participants were granted certificates of advanced training.

**Workshop “Aquarium in Education”, 17 ноября 2023 г.** Organizer: Center of Ecology and Biology “Krestovsky ostrov”, with the support from EARAZA and RUZA.

Members of the Working Group took part in the workshop. Information about the second part of the workshop is available on RUTUBE: <https://rutube.ru/video/d448eff91c61c0e9aa32ac349a96a963/>.

**Training course: Aquaculture with the basics of the prevention of diseases of fish and other cultured hydrobionts, 2023.** Organizer: Russian State Agrarian University – Moscow Timiryazev Agricultural Academy.

Department of Aquaculture and Beekeeping of the Russian State Agrarian University – Moscow Timiryazev Agricultural Academy have organized an *Aquaculture* course of continued education with the basics of the prevention of diseases of fish and other cultured hydrobionts. The course with the length of 72 academic hours was designed for specialists with higher education and was provided free. Employees of the institutions represented by the members of the Working Group also participated in the course. The program of the course is available on Internet: <https://www.timacad.ru/news/novyi-kurs-akvakultura-s-osnovami-profilaktiki-boleznei-ryb-i-drugikh-kultiviruemykh-gidrobiontov>

**Work on optimizing the legislation of the Russian Federation**

**Federal Law of 24.07.2023 No.384-FZ “On the amendments to the Federal Law “On fisheries and conservation of aquatic biological resources””**

During 2023, the Working Group continued to work on softening the law “On fisheries and conservation of aquatic biological resources” that was passing through the State Duma. The Working Group members prepared an analytical review related to the law, circulated letters to the deputies of the State Duma and to sectoral state bodies, and participated in the meetings of different levels, focused on this matter, which work included cooperation with the Ministry of Culture of the Russian Federation and management of A.N. Severtsov Institute of Ecology and Evolution of the Russian Academy of Sciences.

It was possible to somewhat soften the wordings of the law. However, it is extremely important to develop and intensify such activities in conditions of the hard pressure from animal right organizations that are aiming at maximizing the difficulties in the activities of zoos, oceanariums and dolphinariums and their subsequent liquidation.

**“Requirements for the use of animals for cultural and entertainment purposes and their management”, approved by Resolution of the Government of the Russian Federation of December 30, 2019 No. 1937**

Members of the Working Group were involved in the preparation of proposals for changes to these requirements.

## **Other activities of the Working Group**

### **Independent audit of the Primorsky Oceanarium.**

In December 2022, at the request of the Primorsky Oceanarium, a group of EARAZA/RUZA experts (A.V. Telegin, V.I. Butzai, S.M. Zraichikov, I.V. Suvorova, and M.D. Khalturin) arrived to Vladivostok to conduct an external independent audit of the operation of life support systems and management of hydrobionts. In January–February of 2023, the group prepared two reports:

- A report on the work of life support systems for the animal tanks, enclosures and pools at the Primorsky Oceanarium, with recommendations;
- A report on the management of hydrobionts at the Primorsky Oceanarium, with recommendations.

### **A state of emergency in Sevastopol Aquarium, caused by the extreme storm on November 27, 2023**

The Sevastopol Aquarium was seriously damaged during an abnormal storm that occurred on the 27<sup>th</sup> of November 2023. The Working Group contacted the management of the oldest Russian public aquarium and discussed options for providing assistance. Mosquarium Centre free of charge sent hydrobionts to Sevastopol to replace the dead aquatic animals.

### **Inclusion of representatives of foreign oceanariums into the Working Group**

In 2023, representatives of the following Oceanariums joined the Working Group on Public Aquariums and Dolphinariums:

- AiLand Oceanarium (former Duman Oceanarium), Astana, Kazakhstan
- Nanjing Underwater World (南京海底世界), China
- Hefei Andover Oceanarium (合肥海洋世园), China
- Chongqing Ocean Park (重庆海洋公园), China
- Fuyang Andover Oceanarium (阜阳海洋公园), China

*A.V. Telegin, Working Group Chair (Moscow–Vladivostok, 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**

In 2023, EAZA Raptor TAG made a decision to upgrade ESB for the Steller's Sea Eagle to Ex situ Programme (EEP). At the same time, it was decided to carry out separate population management for the European population (which should include only Steller's sea eagles held at EAZA member institutions) and for the EARAZA population. In this regard, the Studbook was divided into two parts: for the EAZA and EARAZA populations of the Steller's sea eagle. The current report contains the review of the status of the EARAZA population.

The 24<sup>th</sup> volume of the Studbook for the Steller's Sea Eagle has been prepared based on the data on the Steller's sea eagles that were kept in EARAZA zoo collections in the period from 01.01.2023 through 31.12.2023. As of 31.12.2023, EARAZA population stood at 93 (42.47.4) Steller's sea eagles kept at 27 zoos and breeding centres. In general, unlike EAZA population, EARAZA population of this eagle species is currently genetically diverse.

In 2023, 6 (2.1.3) chicks hatched in four zoos (Khabarovsk, Novosibirsk and Krasnoyarsk (Roev Ruchej) zoos (Russia) and Zoo Chomutov (Czech Republic)); four of the chicks survived. Unfortunately, the program is still facing the problem of the shortage of space for potential offspring of Steller's sea eagles.

Two chicks (0.0.2) died in 2023 (at Chomutov Zoo).

In 2023, a recommendation was given to the Moscow Zoo on the transfer of the female born in 2018 (Studbook NT00502; ZIMS180226) to the *Python* Zoological Centre (Komsomolsk-na-Amure) for establishing a high ranking, genetically important pair with the male NT00484. The recommendation was implemented.

In 2023, the Program Coordinator Lubov Kurilovich participated in the EARAZA Annual Conference (Almaty, Kazakhstan) where she presented two reports : “Is it necessary to participate in species conservation programs? The choice of each zoo” and “Conservation of the Steller’s sea eagle *ex-situ* and *in-situ*: current state and problems.”

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 usual, the greatest challenge at this stage is funding. Negotiations on the issue of attracting funds for the project have been carried out.

In 2023, EARAZA again could not allocate finances for funding Dr. Vladimir Masterov’s field trip aimed at the monitoring of the Steller’s Sea Eagle wild population.

*Report has been prepared by L. Kurilovich, Program Coordinator, Keeper of ESB and EARAZA Studbook for the Steller’s Sea Eagle (Moscow, Russia)*

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

In 2023, the trend towards a gradual reduction and impoverishment of the species diversity of mountain ungulates sustained, which was associated with the current global political issues, disruptions or complete break of logistic chains, tightening control over the transfer of animals to zoos and nurseries by the European Association of Zoos and Aquariums (EAZA), as well as a difficult epizootic situation in many areas of mountain ungulate ranges. In some cases, national specifics of the wildlife laws make it very difficult for zoos to obtain animals from the wild.

In 2023, EARAZA Annual Conference was hosted by Almaty Zoo (Almaty, Kazakhstan). As part of the presentation of scientific and practical conservation programs, the Program Coordinator presented a report on the status of mountain ungulates in EARAZA and RUZA zoos.

During the conference, the alarming trend of the reduction of ungulate collections was discussed. In general, the conference participants agreed that it would be necessary to focus efforts on rare or vulnerable species of ungulates of the EARAZA region, continue breeding of existing groups of animals, and attempt to establish new viable populations of mountain ungulates.

Unfortunately, it has not yet been possible to persuade individual zoos to coordinate conservation programs for targeted species (for example, the Altai mountain sheep or Argali) due to the objective difficulties of obtaining animals from the wild and problems associated with the adaptation and further maintenance of animals. Some zoos are reluctant to join the programs because of the prospect of “external” management of populations. Efforts to make new zoos participate in conservation programs will be continued, and in the near future our zoo community will be offered managing separate programs for each vulnerable species of mountain ungulates.

As usual, we would like to mention that 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 and EARAZA/RUZA 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, Program Coordinator (Moscow, Russia)*

### 3. Conservation of Eurasian Bustards

1. The Great Bustard (*Otis tarda*). By the breeding season 2023, 15 (6.9) birds were kept at the Moscow Zoo's Centre for Reproduction of Rare Animal Species. All males including one-year-old birds demonstrated pronounced mating behaviour but only older males (born in 2017) mated with females. After the end of the breeding season, seven chicks (3.4) hatched in the incubator. One of the females born in 2022 died. By the end of 2023, 21 birds (9.12) were kept at the Moscow Zoo's Centre for Reproduction of Rare Animal Species.

2. Two males and three females of the great bustard are kept at Vorobyi Bird Park (Kaluga Oblast). No breeding was registered in 2023.

3. In the breeding season of 2023, there were no mature males of the great bustard at the Karasuk Breeding Station of the Institute of Taxonomy and Ecology (Novosibirsk Oblast) and R.A. Shilo Novosibirsk Zoo, which probably was the reason of the absence of nesting behaviour in the females, including the females who previously laid eggs every year. The older (two-year-old) of the two immature males was introduced to mature females on daily basis but the male did not try to display lekking behaviour. The year-old male who was kept with the year-old female protected its territory and attempted to display a lekking pose, but did so only in the presence of humans.

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

*Program Coordinator: P.S. Rozhkov (Moscow, Russia)*

### 4. Conservation of Rare and Endangered Anseriforms of Eurasia

#### **Part 1**

In the spring and summer of 2023, 27 white-headed ducks (including 4 adult females, 12 birds born in 2022 and 5 birds born in the current year) were released into the wild on the lakes Maloye Bannoye, Yarki, Lebyazhye and Pyatakovo in Karasuk and Bagan regions of Novosibirsk Oblast. Wild white-headed ducks from the local population are regularly observed on those lakes. All released birds were fitted with yellow plastic neck bands and leg rings of different colours: young birds born in 2022 were fitted with red rings, and birds born in the current year, with yellow rings. A wild male displayed lekking behaviour in front of the released female (bearing a neck band); this behaviour was observed and caught on camera by the staff of the *Strizh* Ecological Centre.

Back in 2021, a heated wintering facility including three isolated pools for bird housing was built and put into operation in the territory of Karasuk Breeding Station. It was the first time when the birds wintered in this facility. The project of the white-headed duck breeding and introduction into the wild was implemented with the support of Presidential grant N 20-2-027436 (Project time: 1.07.2020–31.12.2021).

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

#### **Part 2**

EARAZA zoos continued activities aimed at developing methods of breeding of other rare *Anseriformes* species. For instance, swan geese bred at Tashkent Zoo and Moscow Zoo, Canada geese, at Moscow Zoo, and ringed teals, at Vorobyi Bird Park, while Mandarin ducks bred at many EARAZA zoos, which is indicative of high plasticity and adaptability of this species to artificial environment. White-headed ducks bred only at the Karasuk Breeding Station where 46 chicks hatched and 30 of them survived.

A total of 24 *Anseriformes* species bred at EARAZA zoos in 2023, which is more than in 2022. Unfortunately, no breeding was registered in 2023 in a number of rare species including the tundra swan, the emperor goose, the red-breasted goose, the scaly-sided merganser, the Baer's pochard, the ferruginous pochard, and some other species.

A recovery program for North Kurilian population of the Aleutian Canada goose is being successfully completed. This program was implemented by the personal initiative and due to the hard work and dedication of Dr. N.N. Gerasimov (Petropavlovsk-Kamchatsky) who during the last 20 year was engaged in the breeding of these geese and their return to historical wild habitats of this species in Northern Kurils. The Aleutian Canada geese were raised at the Breeding Station located in the surroundings of the city of Elyzovo (Kamchatskaya Oblast) and their small flocks were then released into the wild on the islands free of terrestrial carnivores. The birds were transported to the release sites by helicopter. The birds raised in enclosures successfully adapted to the natural landscapes of the islands where they occurred about 90 years ago and were exterminated by humans. Currently, the number of birds nesting in Northern Kurils and wintering in Japan and Southern Kurils exceeds 13 thousand individuals. They are now often registered on many of Kuril Islands and on Commander Islands.

Thus, two programs of reintroduction into the wild of Anseriforms born and raised in enclosure complexes can be considered successful: reintroduction programs for the white-headed duck and for the Aleutian Canada goose.

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

## 5. Conservation of Eurasian Cranes

A total of 30 out of 42 EARA members who hold rare cranes responded to the survey and answered the questions regarding their crane collections. Cranes of three rare Eurasian species (the Siberian crane, the Japanese crane, and the white-naped crane) bred at 19 institutions. The fourth rare crane species, the hooded crane, is presented at regional zoos by three birds: a single female is kept at the Rare Crane Breeding Centre of the Oka State Nature Reserve (hereinafter referred to as the Breeding Centre and two wild born young birds (a male and a female) were obtained by the Muravyevsky Nature Park (Amur region).



**Figure 1:** Participants of the expedition to Yakutia with collected eggs of the Siberian crane.

The Siberian crane. Four fertilized eggs were laid by 14 females kept at 8 zoos. Three chicks hatched at the Breeding Station and one of them survived. The only chick that hatched at Ivanovo Zoo was euthanized because of the beak fracture that resulted from the stress caused by building works in the neighboring enclosures. Ten-year-old female Siberian crane at *Orto Doidu Zoo* laid her first eggs after a pair with a new male was established in 2014. However, the eggs disappeared from the enclosure. Most likely, the eggs were eaten by the parents, which sometimes happens in inexperienced crane pairs.

Seven eggs were collected from the nests of wild Siberian cranes in the territory of the Kytalyk National Park during the expedition and brought to the Breeding Station (Fig. 1). The embryos in two eggs died at the early stages of development. One egg had a micro crack through which its



contents oozed. Perhaps, the egg was damaged during the landing of the helicopter, when the eggs hit each other under the struck of wave of air from the propeller. Siberian crane chicks of wild origin hatched from five eggs. All chicks were hand-reared for further maintenance and breeding in captivity (Fig. 2).



**Figure 2:** Five Siberian cranes of wild origin were raised at the Breeding Station.

The Japanese crane. Japanese cranes bred at 16 zoos. 23 breeding females have produced 26 fertilized eggs; 20 eggs hatched (2 at the Vorobyi Bird Park; 2 at DoDo Zoo; 1 at Ivanovo Zoo; 1 at Limpopo Zoo; 1 at Moscow Zoo; 1 at Perm Zoo; 1 at Roev Ruchei Zoo; 1 at the Oka Breeding Station; 1 at Saransk Zoo; and 9 at the Reintroduction Station of the Khingansky State Nature Reserve (from the eggs laid at Moscow Zoo, Oka Breeding Station and Reintroduction Station) and 14 chicks have been raised. The onset of the Japanese crane breeding at the Saransk Zoo was successful. The first chick was raised at the Perm Zoo after the second breeding of a young pair. Incubation of eggs was terminated at Roev Ruchei Zoo, Belgorod Zoo, and Kaliningrad Zoo.

The white-naped crane. White-naped cranes have bred at 6 zoos, with two of the zoos (Udmurtia Zoo and Roev Ruchei Zoo) having terminated the incubation of eggs. Five other females (one at Malinki Bird Park, one at the Breeding Station, and three at the Reintroduction Station of the Khingansky State Nature Reserve) have laid unfertilized eggs therefore no chicks have been obtained.

Eurasian cranes bred at 5 zoos. Five females laid three fertilized eggs. A single laid egg was broken by the crane pair at Lipetsk Zoo. Two chicks have been raised by the parents at Oka Breeding Station.

Demoiselle cranes bred at six zoos. Six females have laid 5 fertilized eggs. One egg hatched in each of DoDo Zoo, Malinki Bird Park, Novosibirsk Zoo, and Tashkent Zoo, and chicks have been raised at two latter zoos. Egg incubation was terminated at Belgorod Zoo and Kaliningrad Zoo.

Crowned cranes. Populations of both species of the crowned crane in their natural habitats in Africa have declined dramatically under the pressure of poaching. The grey crowned crane (*Balearica regulorum*) is currently classified as *Endangered* on the IUCN Red List and the West Africa (black) crowned crane (*Balearica pavonina*) is listed as *Vulnerable*. Information about keeping, breeding and transfers of the birds of this species will be included in the report on EARAZA Program for Conservation of Eurasian Cranes.

One pair of the black crowned crane has bred at Malinki Bird Park, and one of the two chicks has been raised. Unfertilized eggs were laid by the females at Limpopo, Novosibirsk and Kazan zoos.

Two chicks have been obtained from the pair of the West African crowned crane at Novosibirsk Zoo; one of the chicks was hand-raised.

Only Japanese cranes were involved in the **transfers of cranes** between zoos, breeding stations, and other organizations. Five young birds from DoDo Zoo, Vorobyi Bird Park and Ivanovo Zoo have been transferred to private farms; one crane has been sent from Belgorod Zoo to the management of the Strictly Protected Area in Orlovskaya Oblast. Besides, one crane has been transferred from the Breeding Station to Novosibirsk Zoo, two cranes have been sent from the Breeding Station to Safari Park in Moscow Area, and one crane has been transferred from the Reintroduction Station to the *Python* Zoological Centre.

**Reintroduction of rare crane species.** In the spring of this year, five yearling cranes (4 Japanese cranes and 1 white-naped crane) were released into the wild in the Amur Oblast. The cranes hatched from the eggs that were produced in 2023 by the females kept at the Breeding Centre, Moscow Zoo, and Reintroduction Station and were raised at the forest cordon of the Reintroduction Station. All cranes were fitted with plastic rings with ID numbers and GPS/GSM-transmitters. Monitoring of the released cranes is carried out by the staff of the Khingansky State Nature Reserve.



Six eggs with developing embryos that were produced by two crane pairs kept at the Breeding Station and one pair kept at the Moscow Zoo were transported to the Reintroduction Station in April (Fig. 3.). All six eggs hatched and all chicks have been raised. The young birds will winter at the Reintroduction Station and will be released into the wild next spring.

**Figure 3:** Eggs of Japanese cranes in the transport incubator.

In June, six young Siberian cranes (one of which was raised at Ivanovo Zoo) were transported to the Kunovat Nature Sanctuary in Yamal-Nenets Autonomous Okrug (Fig. 4). One crane died in the enclosure in the first night after the arrival and the remaining five cranes were released into the wild. All birds were fitted with colour plastic rings, standard aluminum rings, and GPS/GSM-transmitters.





In late September, two Siberian cranes were observed on the lake Paratkul in Dalmatovsky district of Kurgan Oblast (Fig. 5). On November 3, the same birds were seen in the north of Kostanayskaya Oblast of Kazakhstan. The transmitter of the Siberian crane named Kain started transmitting signals from the same place in the Volga delta. Expedition of the staff of Astrakhan Nature Reserve found no remains of the bird or transmitter, but did find some white feathers and blood. A blood sample was sent to the Vavilov Institute of General Genetics of the Russian Academy of Sciences. Genetic analysis of the sample has shown that the blood belonged to the two-year-old Siberian crane Kain who was raised at the Breeding Station of the Oka Nature Reserve.



**Figure 5:** Siberian cranes Kain and Logish on the migratory stopover site.

On September 11, two female Eurasian cranes raised by the parents at the Breeding Station in 2023 were released into the wild in the agricultural grounds in the surroundings of the Oka Nature Reserve in Ryazan Oblast where flocks of wild cranes were regularly seen feeding. Both birds were fitted with tricolour rings and GPS/GSM-transmitters. One of the females was observed in the fields with a crane flock. The second female immediately left the site of release; the transmitter showed its

movement in the Ryazan Oblast and then the bird flew to the Nizhny Novgorod Oblast. From September 24, the signal was coming from the same place, which was indicative of the death of the bird or the loss of the transmitter. A trip to the Nizhny Novgorod Oblast and the search ended with the discovery of a half-decomposed corpse of the female in the outskirts of an agricultural field in the Semenovskiy district. It was not possible to establish the cause of death

**Research.** During the year, blood samples from the cranes of unknown sex were obtained from 9 EARAZA member zoos for testing. Genetic analysis of the blood and tissue samples of 53 cranes belonging to 7 species was performed with the use of 7-10 microsatellite loci. Sexes of 53 birds were determined, including 14 cranes, sexing of which was performed with the use of DNA obtained after hatching from the blood samples from egg allantois vessels, and 3 embryos that died at various stages of development. 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 Nature Reserve, Ryazan oblast, Russia)*

#### **6. Establishing reserve populations of the Siberian spruce grouse *Falciennis falciennis***

In 2023, the pilot releases of captive-bred Siberian spruce grouses into the wild in the Maslyaninsky district of the Novosibirsk Oblast were continued. Nine young Siberian spruce grouses (3 males and 6 females) born in 2022 were released into the wild in the Petenevskiy Elniki Sanctuary. All birds were fitted with aluminum leg rings. The release was traditionally carried out before the onset of the breeding season (April 26, 2023). The birds were released in specially equipped feeding sites.

In 2023, 71 chicks of the Siberian spruce grouses hatched and 27 birds were raised at the Karasuk Breeding Station of the Novosibirsk Zoo.

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

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

The updated EARAZA program "Study, Conservation, and Breeding of the Pallas's Cat" was approved in 2023. The program was presented at the EARAZA Annual Conference that was hosted by Almaty Zoo, Kazakhstan.

Work has been carried out to update the information on the program participants. The results of this work show that the Moscow Zoo still participates in the program; Leningrad Zoo, Barnaul Zoo, and Dessau Zoo (Germany) joined the program in the last year. Pallas's cats are kept at the zoos of Novosibirsk and Izhevsk but unfortunately, neither of the zoos confirmed its participation in the program by the time of the preparation of this report. Program Coordinator carried out the activity aimed at involving EARAZA zoos in the conservation of Pallas's cats. Zoos of Bolsherechye, Yekaterinburg, and Surgut expressed their wish to join the program.

Currently, 12 Pallas's cats are kept at the EARAZA zoos participating in the program, including two potentially breeding pairs. In the reporting period, offspring were obtained from the Pallas's cats kept at Leningrad Zoo.

Reconstruction of four enclosures for Pallas's cats was implemented at the Leningrad Zoo; blank walls have been reinforced by slabs, and a number of shelters of various shapes, sizes and locations were installed in the enclosures, which allowed to improve the animal welfare and at the same time made it possible for visitors to observe the animals more often. To increase the usable area along the perimeter of the enclosure, tree cuts of various sizes were installed at different heights. Tree trunks with saw cuts were put in the central part of each enclosure, which have created a sort of isolated platforms for the cats. Most of the decorative elements were connected to each other by passages, providing the animals with the opportunity to use many more routes when moving around the enclosure. The enclosures are equipped with a video surveillance system.



Social networks play a vital role in the popularization of the species. Pallas's cat day was held in the format of a drawing competition in the Telegram Channels of the Moscow Zoo and its Centre for Reproduction of Rare Animal Species. An exhibition of drawings on the panels of the Centre and master classes were organized. The Program Coordinator gave an original tour of Pallas's cat enclosures for the winners of the competition.

Pallas's cats kept at the Moscow Zoo and its Centre for Reproduction of Rare Animal Species regularly become the heroes of the stories published in Telegram Channels of these organizations. Cooperation with the participants of the *Adopt an Animal* program makes meaningful contribution to the promotion of the Pallas's cat conservation ideas.

*Report has been prepared by M.A. Morozov, Program Coordinator (Moscow, Russia)*

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

Currently (as of 14.11.2023), the EARAZA population of the Amur tiger includes 45 animals (19 males and 26 females) kept at 28 zoos. Six more zoos (Yerevan, Kazan, Kaliningrad, Lipetsk, Yaroslavl and Seversk zoos) participate in the Program but currently don't hold Amur tigers.

EARAZA Program Committee for the Amur tiger approved transfer recommendation for female Tisha (ESB#6518) from the Moscow Zoo's Centre for Reproduction of Rare Animal Species and on 3.04.2023, the female was sent to Almaty Zoo (Kazakhstan).

On April 25–27, Program Coordinator and senior veterinarian of the Moscow Zoo visited

Leningrad Zoo to assess the condition of the tigress Viola (ESB6586). As a result of keeping the male and female in adjacent enclosures (close contact), the female regularly enters estrus. The male kept at Leningrad Zoo is over the age of fertility and has a low MK-rating in the population. The lack of mating and regular estrus states have resulted in the health problems in the female. Since the program plans did not include breeding this pair, based on the results of the examination and tests, it was decided to separate the female from the male and possibly transfer the tigress to another zoo.



**Figure 1:** Medical examination of the tigress Tasha (ESB#6518) before her transportation to Almaty Zoo.

In 2022, the *Python* Zoological Centre (Komsomolsk-na-Amure) joined the Program. EARAZA Program Committee supported recommendation on the transfer of female Tisha (ESB#6517) from the Moscow Zoo's Centre for Reproduction of Rare Animal Species to the Python Centre; the recommendation was implemented on 14.06.2023.



**Figures 2 & 3:** Female Tisha (ESB#6518) before her transportation to the *Python* Zoological Centre (Komsomolsk-na-Amure).

In August 2023, the Director of the Primorsky Safari Park asked the Coordinator for permission to sterilize female Taiga (SB#5653) for her keeping together with male Amur. The female born 2.04.2012 has a low MK-rating and has never bred. The EARAZA program Committee unanimously agreed on the sterilization of Taiga.

On September 17, 2023, a cub was born to the pair of Amur tigers Tikhon (ESB6223) and Shiva (ESB6408) kept at the Moscow Zoo's Centre for Reproduction of Rare Animal Species. Unfortunately, the female rejected the cub and the cub died on 19.09.2023. Post mortem examination revealed congenital deformities in the cub's jaw.

On 11.11.2023, the Coordinator visited Voronezh Zoo to assess the facilities for keeping Amur tigers. Based on the results of the trip and discussion with the EARAZA Program Committee, a decision was made to transfer the female Viola (ESB№6586) from Leningrad Zoo to Voronezh Zoo for future establishing a pair of Amur tigers.

On 12.11.2023, a wild born male tiger (TR0143) was transferred to the Moscow Zoo under the decision of Federal Service for Supervision in the Use of Natural Resources of the Russian Federation (Rosprirodnadzor). The male was transported to the Moscow Zoo after his rehabilitation at the 'PRNCO Tiger Center' in the Russian Far East. The estimated age of the tiger is 7 years. The tiger has a long-standing injury to the ulna, missing digital phalanx, and ulcers on the paw pads.

In the end of 2023, Zelenogorsk Zoo confirmed the termination of its participation in the Program therefore the animals kept at Zelenogorsk Zoo will be excluded from the analysis of the population and planning of population management for the next year.

One Amur tiger died in the population in 2023 (male Lotus at Seversk Zoo).

*Report has been prepared by S.A. Khlupin, Program Coordinator (Moscow, Russia)*

## 9. Conservation of Rare Sturgeon Species of Eurasia

In the last years, the Program activity was focused on two species: the Sakhalin sturgeon (*Acipenser mikadoi*) and the Amu Darya sturgeon (*Pseudoscaphirhynchus kaufmanni*). One more species, the small Amu-Darya shovelnose sturgeon (*Pseudoscaphirhynchus hermanni*), is also included in the Program but no activity aimed at the study and conservation of this species is currently carried out, while a search for the third representative of the genus of Asian shovelnoses, or false shovelnose sturgeons (*Pseudoscaphirhynchus* genus), the Syr Darya sturgeon (*Pseudoscaphirhynchus fedtschenkoi*) has not yet been successful and the status of this species (extinct/ critically endangered) has not yet been determined.

**The Sakhalin sturgeon** (*Acipenser mikadoi*) is the rarest species of Russian fauna. It is an anadromous species of sturgeons found in the waters along the costs of the Far East of Russia. The species is only known to breed in the Tumnin River in Khabarovsk Krai, Russia. The Sakhalin sturgeon has a very narrow ecological niche; its population numbers have always been low, and over the recent years, the population of the Sakhalin sturgeon has been steadily declining due to poaching and expansion of economic activity in its spawning grounds. During the expeditions to the Tumnin River carried out in 2007, 2008, and 2015, offspring were obtained from Sakhalin sturgeons and breeder schools were established in four fish farms (in Tula, Tver and Vologda Oblasts and Khabarovsk Krai). Once the Sakhalin sturgeons reached sexual maturity, attempts to obtain offspring from the sturgeons were made at some of these farms for obtaining the second generation in aquaculture, but all these attempts turned to be unsuccessful. Works on breeding Sakhalin sturgeons in the second generation of sturgeons in aquaculture have been carried out at the Alexin sturgeon hatchery in a pilot regime from 2020 in frames of the EARAZA Program for Conservation of Rare Sturgeon Species of Eurasia. By 2022, the main factors that play a critical role in successful fertilization and development of the Sakhalin sturgeon embryos were identified and in 2022, 2023 and 2024, offspring from the second generation of Sakhalin sturgeons in aquaculture were obtained and later distributed to several fish hatcheries. An increasingly large number of fish farms show interest in the Sakhalin sturgeon as an object of aquaculture, which is a key factor in the management of the breeder schools of this species. It is especially important now to increase the genetic diversity of the breeder stock of the Sakhalin sturgeon, in particular, by collecting the largest possible numbers of sperm from various aquaculture generations and sperm storing in the cryobank of the Russian Federal Research Institute of Fisheries and Oceanography (VNIRO). The institute has extensive experience in using sperm from cryobank for fish breeding. With higher genetic diversity of the Sakhalin sturgeon in aquaculture, it will be possible to consider the prospects for releasing juvenile fish raised in aquaculture into the wild, monitoring the released fish for the assessment of their survival rates and probability of their migration to the spawning grounds.

### References:

1. <https://life-on-earth.ru/sokhranenie-bioraznoobraziya/sakhalinskij-osetr-nizovya-reki-tumnin-khabarovskij-kraj>
2. <https://life-on-earth.ru/sokhranenie-bioraznoobraziya/sakhalinskij-osetr-2023-g-ocherednoe-poluchenie-vtoroj-generatsii-v-akvakulture-g-aleksin-tulskaya-obl>

**The Amu Darya sturgeon or false shovelnose sturgeon** (*Pseudoscaphirhynchus kaufmanni*) is an endemic to the Amu Darya river and some of the Amu Darya tributaries. In the recent years, the numbers of the Amu Darya sturgeon have reduced dramatically all along the Amu Darya, with the main causal factors of the population decline being the human economic activity, changes in the hydrological regime of the river, and intensive poaching.

The activities carried in the frame of the Program for Conservation of Rare Sturgeon Species of Eurasia included several expeditions to Tajikistan and Uzbekistan; development of the Amu Darya sturgeon catching, transportation and husbandry methods; and carrying out trials aimed at obtaining, fertilization and incubation of eggs, which resulted in obtaining Amu Darya sturgeon larvae. In



2023, *Nuku Balik* fish breeding farm, the partner of the EARAZA Program, granted us one of their closed recirculating water systems (CRWS) for keeping wild caught Amu Darya sturgeons and establishing founder stock. The Nuku Balik company has obtained certification as a hatchery for keeping and breeding Amu Darya sturgeons (Certificate N 000010 of 11.05.2020, issued by the State Committee of the Republic of Uzbekistan on Ecology and Environmental Protection (SCEEP)). Currently, three individuals of the Amu Darya sturgeon are kept in the CRWS. The sturgeons were caught in the lower flow of the Amu Darya, transported to the Nuku Balik company, subjected to anti-stress therapy and adapted to feeding on available foods. Currently, a field facilities are being created on the shores of the Amu Darya with the support of the Khorezm National Nature Park for regular collection, temporary maintenance, and transfer of Amu Darya sturgeons to Nuku Balik hatchery. With the increase in the numbers of breeding stock, it is planned to perform an ultrasound examination of sturgeons for determining their sex and stage of maturity and attempting breeding of sturgeons, if any mature individuals are identifies.

In 2014-2015, the individuals of the Amu Darya Sturgeon were occasionally encountered in the lower flow of the Amu Darya river. Facilities for the husbandry of this extremely rare fish are being created at the Nuku Balik hatchery. These activities are aimed at the introduction of Amu Darya sturgeons (genus *Pseudoscaphirhynchus*) in aquaculture of Uzbekistan.

References:

1. <https://life-on-earth.ru/amudarinskie-lopatonosy/amudarinskie-lopatonosy-proekt-sokhraneniya-uzbekistan>
2. <https://life-on-earth.ru/sokhranenie-bioraznoobraziya/amudarinskie-lopatonosy-reka-vakhsh-tadzhikistan>

*Report has been prepared by A.L. Chernyak, Program Coordinator (Moscow, Russia)*

## **10. Conservation of the Dalmatian Pelican (*Pelecanus crispus*) and the Great White Pelican (*Pelecanus onocrotalus*)**

Expeditions:

In 2023, a short-term expedition trip to the pelican range territory was carried out (Photos 1&2):

- July 3 through 9: Expedition to Kalmykia and Stavropol Krai. Assesment of pelican numbers, distribution, nesting success, and factors underlying nesting characteristics. Collection of initial materials (photo- and video recording in cooperation with cameraman, a specialist in wildlife videography). Materials were meant for their further proceeding in cooperation with the Computer Vision Group.

Results:

- Survey of the pelicans on their nesting grounds on Pelicanyi Island and feeding water areas have been conducted with the use of photo and video cameras and a spotting scope. The resulting video materials of professional quality formed the basis for the development of a special program for the quick count of the numbers of colonial nesting birds (here, pelicans) with the use of neural networks (in cooperation with the Computer Vision Group).

Publication: *On the EARAZA Program on the Conservation of the Dalmatian Pelican and the Great White Pelican* //Current Problems in the Protection of Birds in Russia. Proceedings of the All-Russia Scientific and Practical Conference dedicated to the 30<sup>th</sup> anniversary of the Union for the Protection of Birds of Russia (Moscow, February 11-12, 2023) / Editor-in-Chief: V.N. Melnikov. Moscow-Makhachkala. 2023. P. 22-26. RINTS:

<https://elibrary.ru/item.asp?edn=rdapqi>

Reports and presentations:

1. All-Russia Scientific and Practical Conference dedicated to the 30<sup>th</sup> anniversary of the Union for the Protection of Birds of Russia “*Current Problems in the Protection of Birds in Russia*”. Presentation. Moscow, February 11-12, 2023.
2. Workshop “*My experience in the work in educational zoological projects*”. March 27, 2023. Presentation: “*Dalmatian pelican Matvey and a history of breeding pelicans at Moscow Zoo. Ecological basis for the welfare of pelicans in Russia and the feasibility of creating artificial colonies.*”
3. Meeting of the section of game management at the Central House of Scientists. Discussion: “*New information on the pelicans distributed on the territory of the former USSR. Karakol Lake, Gorno-Badakhshan*”.
4. Annual EARAZA Conference. Almaty, Kazakhstan. May 11-17, 2023, Presentation: *EARAZA Program on the Conservation of the Dalmatian Pelican and the Great White Pelican: Results of three years of work.*
5. The 7<sup>th</sup> Annual RUZA Conference, Nizhny Novgorod. July 3-8, 2023. Participation in the round table discussion: “*Do we (zoos) need to develop pelican breeding methods under conditions imitating pelican habitats, considering the artificial population as the “reserve” population?*”
6. Lecture/presentation for the Moscow Zoo staff: “*Current state of Dalmatian and great white pelican populations in the south of the European part of Russia. Challenges of our time.*” Short report on the EARAZA Program on the Conservation of the Dalmatian Pelican and the Great White Pelican. Photo and video materials about wild pelicans.
7. Keeper School of the Moscow Zoo. Moscow. November 25, 2023. Lecture: “*Breeding Centres and their role in the conservation of wild animal species. Husbandry and breeding, rehabilitation and reintroduction of wild animals.*”

Cooperation:

1. Work with students of the 6<sup>th</sup> and 7<sup>th</sup> grade of the schools 1950 and 1164 (with E.V. Kozlova, the guide of the Moscow Zoo’s Education Department): organizational and methodical assistance in conducting long-term observations of the Dalmatian pelicans and great white pelicans kept at the Moscow Zoo for identifying factors influencing nesting success; editing reports and preparation of the reports for the submission for the P.A. Manteuffel competition 2024.
2. Cooperation with the Vancouver Zoo (British Columbia, Canada): sharing experience in the husbandry of native pelican species of pelicans and studying their biological characteristics (Photos 3&4).
3. VKontakte (VK) – Russian online social media. Video conference (on ZOOM platform) on establishing cooperation between program executive officers, Computer Vision Group, and Social media. Drafting an agreement on the provision of resources.  
Annual report on the development of the program for estimating pelican numbers using neural network, version YOLOv5.





**Photo 1:** From the initial materials for training neural networks. Aerial photo of the pelican colony. Pelicanyi Island.



**Photo 2:** The process of training neural networks to recognize Dalmatian pelicans and great white pelicans (adult and young birds) for estimating the numbers of the birds.



Photo

O.

## American White Pelican

*Pelecanus erythrorhynchos* - Pélican Blanc d'Amérique - 美洲白鸕鷀

**Conservation Status:** Least Concern

LC NT VU EN CR EW

American white pelicans are found throughout North America, from northern Canada to the Caribbean. The majority spends the summer breeding season on inland lakes and wetlands, and winter on the coasts. Their main diet is fish and crustaceans, and they feed by scooping the live prey into their bill and gular pouch. They forage alone or in groups and cooperative foraging has been observed with groups driving prey into the shallows. They do not dive for fish like the brown pelican.

Conservation efforts have resulted in an increase in American white pelican populations in recent years. Destruction of wetland habitats remains their biggest threat.

**Did you know?**  
Unlike the popular myth, pelicans never store food in their pouches. The gular pouch is used as a scooping tool only and whatever ends up inside is quickly swallowed.

GREATER VANCOUVER ZOO CAZ

**Photo 3:** Information panel at the pelican enclosure.

*Report has been prepared by R.M. Anoshin, Cand. of Biol. Science (Moscow, Russia)*

## 11. Using genetic methods in the work of EARAZA zoos and breeding centres zoos, aimed at the breeding of birds of rare species

1. In 2023, PCR method was used for testing biological samples from the following institutions:

1) Moscow Zoo's Centre for Reproduction of Rare Animal Species: 3 *Japanese Cranes*; 2) Tashkent Zoo: 2 *cinereous vultures*, 2 *griffon vultures*, 1 *Himalayan vulture*; 3) Baku Zoo: 3 *Egyptian vultures*, 4 *griffon vultures*, 3 *cinereous vultures*, 2 *bearded vultures*; 4) Kaliningrad Zoo: 1 *griffon vulture*; 5) Limpopo Zoo (Nizhny Novgorod): 2 *violet turaco*, 1 *bearded vulture*, 1 *great white pelican*; 6) Orto Doidu Zoo (Yakutsk): 4 *Eurasian cranes*; 7) Rare Crane Breeding Centre of the Oka State Nature Reserve: 12 *Siberian cranes*, 3 *Japanese cranes*, 2 *Eurasian cranes*; 8) Khingansky State Nature Reserve: 6 *Japanese cranes* (two of the six cranes hatched from the eggs laid at Moscow Zoo); 9) Priamursky Zoo named after V.P. Sysoyev (Khabarovsk): 2 *snowy owls*, 1 *golden eagle*, 2 *Steller's sea eagles*, 2 *white-tailed eagles*; 10) Rostov-on-Don Zoo: 6 *hooded vultures*, 14 *greater flamingo*, 4 *cinereous vultures*, 3 *griffon vultures*, 11 *Demoiselle cranes*.

Total for EARAZA member institutions: 97 birds of 15 species.

Other organizations (non-members of EARAZA, payment for reagents): Khosta Park (Sochi) – 1 *imperial eagle*, 2 *white-tailed eagles*.

Total with non-members: 100 birds of 16 species.

2. For the EARAZA Program on the conservation of Eurasian cranes, sex was determined in the following birds (also see above): 12 *Japanese cranes*; 12 *Siberian cranes*; 6 *Eurasian cranes*; 11 *Demoiselle cranes*. Total: 41 birds of 4 species.

3. For the EARAZA Program on the Conservation of the Steller's Sea Eagle, sex determination was performed in 2 *Steller's sea eagles* (see above).

4. For the program "Study of biology and ecology of the white stork and reproduction of the species in Ryazan Oblast" (Fund "Ryazan House of the White Stork"), sex was determined in 8 *white storks*.

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

In addition to the programs described above, the Moscow Zoo, together with other zoos and scientific institutions, established the following scientific programs:

Program on breeding and conservation of **the Blakiston's fish owl** (*Ketupa blakistoni*); Program on establishing and conservation of the artificial population of **the polar bear** (*Ursus maritimus*); Program on conservation of the **Oriental stork** (*Ciconia boyciana*). At the EARAZA/RUZA Conference held in 2023 in Almaty, Kazakhstan, programs were approved for the creation and conservation of zoo populations of such species as **the yellow-throated marten, the wolverine, the Himalayan brown bear, the musk ox, and the European bison**. We hope that these programs will also benefit the common cause of the conservation of biodiversity of our Planet.

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## **Информационный сборник зоопарков и аквариумов**

**ВЫПУСК № 43**

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Президент Союза зоопарков и аквариумов России  
***С.В. Акулова***

Редакторы и составители: *Р.М. Аношин, Т.Д. Аржанова, Т.А. Вершинина,  
Н.В. Карпов, Л.В. Кузьмина, В.А. Остапенко, В.Е. Фролов*

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