

Japanese Association of Zoos and Aquariums (JAZA) Report Kazutoshi Arai

The membership:

86 zoos, 63 aquariums, and total 149 institutions as of August 31, 2013.

The executive:

Chair: Mr. Shigeyuki Yamamoto

The conservation activities:

The number of JAZA studbook species: 143

6 Marsupialia and others, 14 Primates, 15 Carnivora, 10 Marine Mammals, 16 Ungulata, 8 Raptors, 10 Penguins, 13 Storks / Pheasants / Cranes, 15 Small Birds, 15 Amphibians and Reptiles and 21 Fishes

The number of intensively managed species: 5

Japanese golden eagle (*Aquila Chrysaetos Japonica*), Red panda (*Ailurus fulgens*), Humboldt penguin (*Spheniscus humboldti*), Oriental white stork (*Ciconia boyciana*), Deep-bodied bitterling (*Acheilognathus longipinnis*)

The GSMP species: 4

Sumatran tiger (*Panthera tigris sumatrae*), Red panda (*Ailurus fulgens*), Amur leopard (*Panthera pardus*), Amur tiger (*Panthera tigris altaica*), Goodfellow's tree-kangaroo (*Dendrolagus goodfellowi*)

The international studbook keepers in JAZA region:

Mr. Hitoshi Murai: Japanese serow (*Capricornis crispus*)

Mr. Naoya Ohashi: Oriental white stork (*Ciconia boyciana*)

Ms. Hiroko Ogawa: Red-crowned crane (*Grus japonensis*)

Dr. Kazutoshi Takami: Hooded crane (*Grus monacha*)

Mr. Kazuaki Nippashi: White-naped crane (*Grus vipio*)



2012-2013 Wild animal conservation fund activities:

- 1) Establishment of biotope for the protection of breeding site for the endangered Giant water bug (*Lethocerus deyrollei*) and Predaceous diving beetle (*Cybister japonicas*).
- 2) Implementation of conservation and reproduction project for Rock ptarmigan (*Lagopus mutus*).
- 3) The basic research for the conservation of Japanese eight-barbel loach (*Lefua echigonia*) in Tanba area.
- 4) The analysis of feeding habit of American bullfrog (*Rana catesbeiana*) the non-native species in Western Japan.
- 5) World Rhino Day 2013 in Japanese zoos.
- 6) Science communication in zoos aimed at species conservation.
- 7) The conservation and raising public awareness for the wild Hakuba salamander (*Hynobius takedai*) living in Toyama family park.
- 8) The screening survey for malaria among Red-crowned crane (*Grus japonensis*) in Hokkaido.
- 9) Establishment of the husbandry technique for the conservation of Japanese night heron (*Gorsachius goisagi*).
- 10) The survey on physiology of Eurasian otter (*Lutra lutra*) in Japanese institutions.
- 11) The survey on return of estrus and life pattern on suckling behavior of Giraffe (*Giraffa camelopardalis*) after the delivery.
- 12) The animals living in Mt. Maruyama area and Maruyama zoo.
- 13) The reintroduction of a rescued calf of Northern fur seal.

The commendation:

Koga award:

The reproduction of Gorilla (*Gorilla gorilla*) for three generations / Kyoto zoo

Research award:

1. Successful aggressive trimming for sole abscess in an Asian elephant (*Elephas maximus*) / Fukuchiyama city zoo
2. Study on the vocal behavior of the New Caledonian imperial pigeon (*Ducula goliath*) : Relationship between vocal pattern and breeding behavior / ZOORASIA Yokohama zoological gardens, Preservation and research center, City of Yokohama, and others

