

93 (45.39.9) births and 54 (26.25.3) deaths in 1994. Seventeen wolves have been identified to receive MGA implants for the 1995 breeding season, with removal of the implants occurring shortly after the season.

A minimum of 42 free-ranging wolves inhabited eastern North Carolina (ARNWR) through the end of 1994. Additionally, there were 23 free-ranging wolves whose fates remain uncertain due to lost radio contact or wild born animals that have been observed but had not been captured. A minimum of 34 pups were born to 10 litters in the wild in eastern North Carolina. At the GSMNP, 4.2 wolves were free ranging as program officials prepare for releases in more remote areas of the Park. Eleven wolves occupied the three island projects through the end of the year.

(Will Waddell, Species Coordinator
Point Defiance Zoo & Aquarium)

SPECIAL REPORT

INTERNATIONAL RHINO FOUNDATION ANNOUNCES PROGRAMS

The International Rhino Foundation (IRF) is a nonprofit corporation of individuals and institutions, which operate as a service organization for rhinoceros conservation. The mission of the IRF is to contribute to rhino conservation by providing technical, administrative, and financial services and support for programs emphasizing intensive management and scientific research both *in situ* and *ex situ*, as equally important components of rhino conservation.

Members of the IRF are mostly from the zoo conservation community worldwide, but with a preponderance in North America and in the AZA. Board Members include: John Lukas (President), White Oak Conservation Center; Jim Jackson (Vice President for Field Conservation), Fossil Rim Wildlife Center; Dr. John Kelly (Vice-President), Zoological Parks Board of New South Wales; Lee Bass (Treasurer), El Coyote Ranch; Dr. Don Farst, Gladys Porter Zoo; Mike Fouraker, Fort Worth Zoo; Fred La Rue, Dallas Zoo; Bob Reece, The Wilds; Jerry Borin, Columbus Zoo; John Knowles, Marwell Zoological Trust.

An extremely close working relationship has developed between the IRF and the AZA Rhinoceros Advisory Group. The Chairman of the AZA Rhino Advisory Group, Robert Reece, is a member of the IRF Board; and his institution, The Wilds, serves as the host institution for the IRF Program Office. Reciprocally, the IRF Program Officer, Dr. Tom Foose, has been assisting the AZA Rhino Advisory Group.

Recently, there have been two major contributions from IRF Board Members to support IRF Programs:

1. \$500,000 over three years from the Howard Gilman Foundation mainly for support of *in situ* programs.
2. \$500,000 over three years from Lee Bass for support of rhino research projects.

There has also been a significant new contribution from the Columbus Zoo Association of \$25,000 for 1995, adding to \$25,000 previously contributed. These contributions add to the continuing significant support that the IRF receives from Fossil Rim Wildlife Center, the Fort Worth Zoo, the Dallas Zoo, the Zoological Parks Board of New South Wales and the Chicago Zoological Society. A number of other institutions have entered into partnerships with the IRF on specific projects; e.g. the program for northern white rhino in Garamba National Park, Zaire. Indeed, an important part of IRF program strategy is to develop partnerships with other institutions through the use of matching or challenge grants from IRF core funds. Other AZA institutions that have participated in partnerships with the IRF include: Wildlife Conservation Society, Calgary Zoo, Toronto Zoo, St. Louis Zoo, Jacksonville Zoo, Virginia Zoological Society, and Los Angeles Zoo.

The major *in situ* programs for IRF in 1995 will be:

1. Continuing support for the intensive protection zone program (IPZs) for black and white rhinos in Zimbabwe where IRF specifically sponsors the helicopter used for rhino conservation activities and the Zimbabwe Rhino Conservation Coordinator.
2. Development of an intensive management and managed breeding center for Sumatran rhinos in natural habitat in Way Kambas National Park, Indonesia.
3. Facilitation of a G.E.F. (Global Environment Facility) Project for intensive protection of Sumatran rhino *in situ* in Indonesia and Malaysia.
4. Expanded support for the northern rhinos conservation program.

Other efforts will assist Indian rhinos in India and Nepal and black and southern white rhino in South Africa.

The IRF is also instituting a major research grant program to continue and expand its support for research that is directly applicable to management, propagation, and conservation of all rhinoceros species in captivity or under intensive protection and management in the wild.

The major areas of research that will be supported include: health, husbandry, nutrition, reproduction, behavior, genetics, population biology, systematics, and ecology. Proposals are encouraged that will provide information contributing (1) to a comprehensive and integrative understanding of rhinoceros biology and therefore (2) development of practical techniques to assist management, propagation, and conservation of rhinos. Research priorities recognized by the IRF are predicated to a substantial extent on the considerable activity by the AZA Rhino Advisory group and its Research Council over the last several years. Proposals will be reviewed by the IRF Scientific Advisory Board comprising distinguished scientists in the major areas of research to be considered. This council will submit recommendations for funding to the IRF Board, which will have the final decision.

Proposals must be submitted by 15 April 1995. Decisions on projects to be supported in 1995 will be

announced by 1 August 1995 with funding to commence immediately. Projects in the range of \$5,000 to \$75,000 per year will normally be considered. Exceptions to these limits may be considered. The IRF will not pay administrative overhead. Conditional support will be committed for subsequent years of multi-year projects at that time, contingent upon satisfactory review of first year performance. All projects will be subject to yearly review.

For further information on application procedures for the IRF research grant or on partnership opportunities for *in situ* programs, please contact: International Rhino Foundation, c/o The Wilds, 14000 International Road, Cumberland, OH 43237.

(T. Foose)

STUDBOOKS PUBLISHED

To be listed in *Communiqué*, WCMC approved studbooks must be sent to the AZA Executive Office/Conservation Center to be placed in the North American Regional Archive. Studbooks published in other regions are listed as a courtesy.

Regional

AOTUS - Living population includes 159 (77.68.14) in 39 institutions. This is the first edition of this studbook. Contact Robin Brockett, Zoo Atlanta, 800 Cherokee Avenue S.E., Atlanta, GA 30315.

CINEREOUS VULTURE - Living population includes 46 (22.16.8) in 26 institutions. Contact Edward Diebold, Milwaukee County Zoological Gardens, 10001 W. Bluemound Rd., Milwaukee, WI 53226.

DIK-DIK - Living captive populations include: **KIRK'S DIK-DIK** 78 (41.37) in 18 institutions (including two chromosomally distinct forms and hybrids), and **GUNTHER'S DIK-DIK** 73 (36.37) in 18 institutions. Contact Arlene Kumamoto, Center for Reproduction of

Endangered Species, Zoological Society of San Diego, P.O. Box 551, San Diego, CA 92112.

HAWK-HEADED PARROT - Living populations include: **NORTHERN HAWK-HEADED PARROT** 130 (58.39.33) in 21 institutions; and **SOUTHERN HAWK-HEADED PARROT** 6 (3.3) in 2 institutions. Contact D.S. Rhodes, Riverbanks Zoological Park and Botanical Garden, P.O. Box 1060, Columbia, SC 29202-1060.

HUMBOLDT PENGUIN - Living population includes 236 (90.101.45) in 10 institutions. Contact Gail Perkins, Brandt Chicago Zoological Society, 3300 Golf Road, Brookfield, IL 60513.

PYGMY GEESE - Living populations include: **AFRICAN PYGMY GOOSE** 58 (29.29) in 18 institutions, **INDIAN PYGMY GOOSE** 22 (8.13.1) in 8 institutions, and **GREEN PYGMY GOOSE** 5 (2.3) in 3 institutions. This is the first edition of this studbook. Contact Doug Piekartz, Wildlife Conservation Society, Bronx Zoo/Wildlife Conservation Park, 185th & Southern Blvd., Bronx, NY 10460.

WESTERN LOWLAND GORILLA - Living population includes 325 in 50 institutions. Contact Dan Warton, Wildlife Conservation Society, Bronx Zoo/Wildlife Conservation Park, 185th & Southern Blvd., Bronx, NY 10460.

International

BONOBO - 102 (48.54) in 22 locations, including 45 (22.23) in 9 EEP zoos, 45 (18.27) in SSP zoos, and 12 (8.4) in 6 other unmanaged locations worldwide. Contact Bruno Van Puijfenbroeck, Royal Zoological Society of Antwerp, Kon. Astridplein 26, Antwerp, Belgium.

HARTMANN'S MOUNTAIN ZEBRA - 278 (118.160) in 40 zoos in 17 countries. The wild population is given as about 7,350, most living in Namibia. Contact Niki Hart, Marwell Zoological Park, Colden Common, Winchester, Hampshire SO21 1JH, England.

(K. Willis)

AZA REGIONAL CONFERENCE REGISTRATION POLICIES SET

The AZA has established registration fees for the 1995 Regional Conferences at \$75 member, \$75 member's spouse, and \$100 nonmember. Daily fees are \$40 member, \$40 member's spouse, and \$55 nonmember. Persons registering less than 21 days prior to the conference will be charged an additional late fee. Refunds can only be sent to those canceling seven days prior to the conference.

All AZA individual members are provided a membership card indicating their membership number, which is to be provided when registering. It is important to remember that staff members are not automatically members under their organization's membership. The chief executive officers of Institution, Society, and Related Organization members have been provided forms on which they may designate persons to receive AZA individual Supporting membership. Commercial and Registered Animal Supplier members may have their representatives (and their spouses) register at the member rate.

(C. Blon)