## CONTENTS







#### **Member View**

## 7 Green Tales Audubon's path to a sustainable future

#### 8 Education Center Idaho Falls Zoo opens William J. Maeck Education Center

## 9 Wildlife Trafficking Woodland Park Zoo hosts Toss the Tusk event

## 10 SAFE Update African penguin progress

# 11 Conservation The Maryland Zoo and Saint Louis zoo join effort to rescue rare Bolivian river dolphins

## 12 Reproductive Management

Significant success in clouded leopard breeding

## 13 Conservation

Mote battles unprecedented threat to Florida's coral reefs

## 14 Conservation

Oregon Zoo raises record number of endangered butterflies

## 15 Research

New study shows human impact erodes chimpanzee behavioral diversity

#### 16 Inclusion

New sensory friendly offerings expand Shedd's accessibility offerings

## 16 By the Numbers

Crocodilian conservation

## 17 Honor

George Jacob, president and CEO of Aquarium of the Bay received 2019 RCGS Louie Kamookak Medal

## 18 Biofiltration

SeaWorld San Antonio debuts a first of its kind biofiltration system

#### **Departments**

- 40 Faces & Places
- 41 Calendar
- 43 Advertiser Index
- 44 Exhibits
- 45 Announcements
- 64 Births & Hatchings

## About the cover Whooping Crane



VISIT US ONLINE aza.org

LIKE US ON FACEBOOK facebook.com/Association OfZoosAndAquariums FOLLOW US ON TWITTER

twitter.com/zoos\_aquariums E-MAIL THE EDITOR tlewthwaite@aza.org



MIX
Paper from responsible sources
FSC® C068104

## ASSOCIATION OF ZOOS AQUARIUMS

**Editorial policy:** Connect is published by the Association of Zoos & Aquariums (AZA), a nonprofit, tax-exempt organization dedicated to the advancement of zoological parks and aquariums for contribution to the contribution of the contribution of

conservation, education, scientific studies and recreation. Issued to members as a free service; not available as a subscription. Mailed during the first week of the month. Articles submitted for *Connect* do not necessarily reflect the opinions and policies of AZA.

**Mission:** Connect is a forum for promoting AZA's mission by highlighting zoo and aquarium trends, industry initiatives, conservation efforts and member achievements.

**Copyright policy:** All items appearing in *Connect* are copyright of AZA. Permission to reprint items must be obtained by contacting AZA's Publications Department at *tlewthwaite@aza.org*.

**Advertising policy:** Advertising is available. AZA reserves the right to refuse advertising not consistent with its mission. Ad contracts are issued on an annual basis, and ads are accepted on a one, three, six, nine or 12-time basis. Deadline for insertion orders is the first of the month preceding publication. Deadline for artwork is the 10th of the month preceding publication. Rates and mechanical requirements are available upon request.

# Births & Hatchings

#### **AUDUBON NATURE INSTITUTE**

New Orleans, Louisiana

The Freeport McMoRan Audubon Species Survival Center is celebrating its first sitatunga birth at the center. Sitatunga arrived in October 2018 as a new species for the center and were chosen for their unique adaptations to a wet, swampy habitat, which makes up a majority of their new 12 acre home in southern Louisiana.



Front Royal, Virginia

A female brown kiwi chick hatched at the Smithsonian Conservation Biology Institute on 3 February. Kiwi are native to New Zealand, where there are five species. The International Union for Conservation of Nature classifies the brown kiwi as vulnerable.

**THE WILDS** 

Cumberland, Ohio

Five rare dhole pups are thriving at The Wilds as the result of the successful hand-rearing efforts of the conservation center's care teams. Born on 16 February, this is the second litter of dhole pups ever born at The Wilds-one of just four facilities in the United States that cares for this endangered species.

## **LOUISVILLE ZOO**

Louisville, Kentucky

The Louisville Zoo announced the hatching of four little penguins. Two of the chicks are being parentreared by two sets of parents and two are being handreared by Curator of Birds, Gary Michael and the Bird Department staff. The four chicks hatched in January.

## **ROSAMOND GIFFORD ZOO**

Syracuse, New York

A baby Sichuan takin calf was born at the Zoo on 9 March. The calf represents the Zoo's first birth of this unique species of hoofed mammal native to the mountains of China. The birth is part of the Zoo's participation in the Species Survival Plan® for Sichuan takin.



Des Moines, Iowa

Iowa's Blank Park Zoo announced that Ayana, a nine year-old eastern black rhino, has given birth on 5 April. Ayana's first calf, Tumani, was born on 11 October 2016 and weighed 80 pounds at birth and nearly 1,000 pounds by her first birthday. She still lives at the Zoo, but will likely move to another zoo to participate in the SSP.