

BRANDYWINE

ZOO NEWS



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On the Cover

Our new toucans, Julio and Inka, are Toco Toucans, the largest of all toucan species. There are 37 species of toucans! Visit them in the Capybara exhibit!

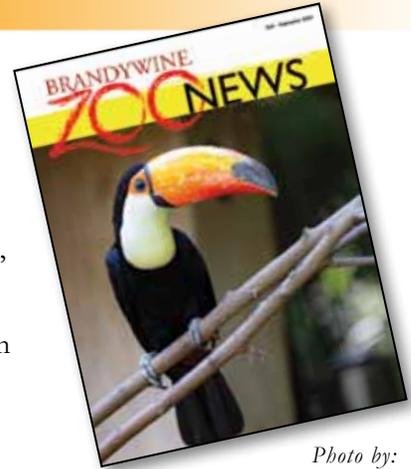


Photo by:
 Douglas Norton
www.dnortonphoto.com

We are excited to welcome Amy Haddock, our newest Zookeeper.

Amy grew up in South Jersey and graduated from Stockton University with a degree in Marine Biology. She became fascinated with wildlife after a school field trip to the National Aquarium in Baltimore, where she was able to feed a dolphin. Amy started her professional career at the Minnesota Zoo, where she worked on the 24-hour care team for two rescued, orphaned sea otter pups. After her time in Minnesota, she spent eight years working at the Adventure Aquarium in Camden, NJ and most recently worked as a primate keeper at the Nashville Zoo. Her favorite animals that she currently works with are the Andean Condors. In her spare time, you might see her at a Phish concert-she has been to 50 of them! Most importantly, if you see her at the Zoo, please welcome her to the team.



World Oceans Day

By Mark Bosshardt, Program Animal Keeper

A mystical mermaid, delectable oysters, ice-cold beer, and a message of conservation ringing through the zoo helped celebrate our World Oceans Day event in June. This new event was a great success as everyone laughed, ate, drank, and discovered the ways that they could protect our oceans and local waterways. This event was made possible through the generosity of our special guests and vendors. The Chesapeake Mermaid mesmerized people of all ages, as she told her tales from the bay. **Bellefonte Brewery** and **Dogfish Head Brewery**, both of which have programs that support local ecosystem conservation, served up some much-needed refreshments. **George and Sons Seafood Market** dished out some unforgettable oyster tastings, and the **Partnership for the Delaware Estuary** helped us find out how they repurpose oyster shells with their oyster shell-recycling program. We are already looking forward to next year's World Oceans Day celebration and hope you will join us!



From the Desk of the Zoo Director

By Brint Spencer, Zoo Director



We are halfway through the year and the transitions at your Brandywine Zoo are ongoing. Some changes are visible such as the new animals; some are in process like the new viewing area at condors and the bee exhibit renovations and some like the behind the scenes work on the planned Madagascar exhibit which can't be seen yet.

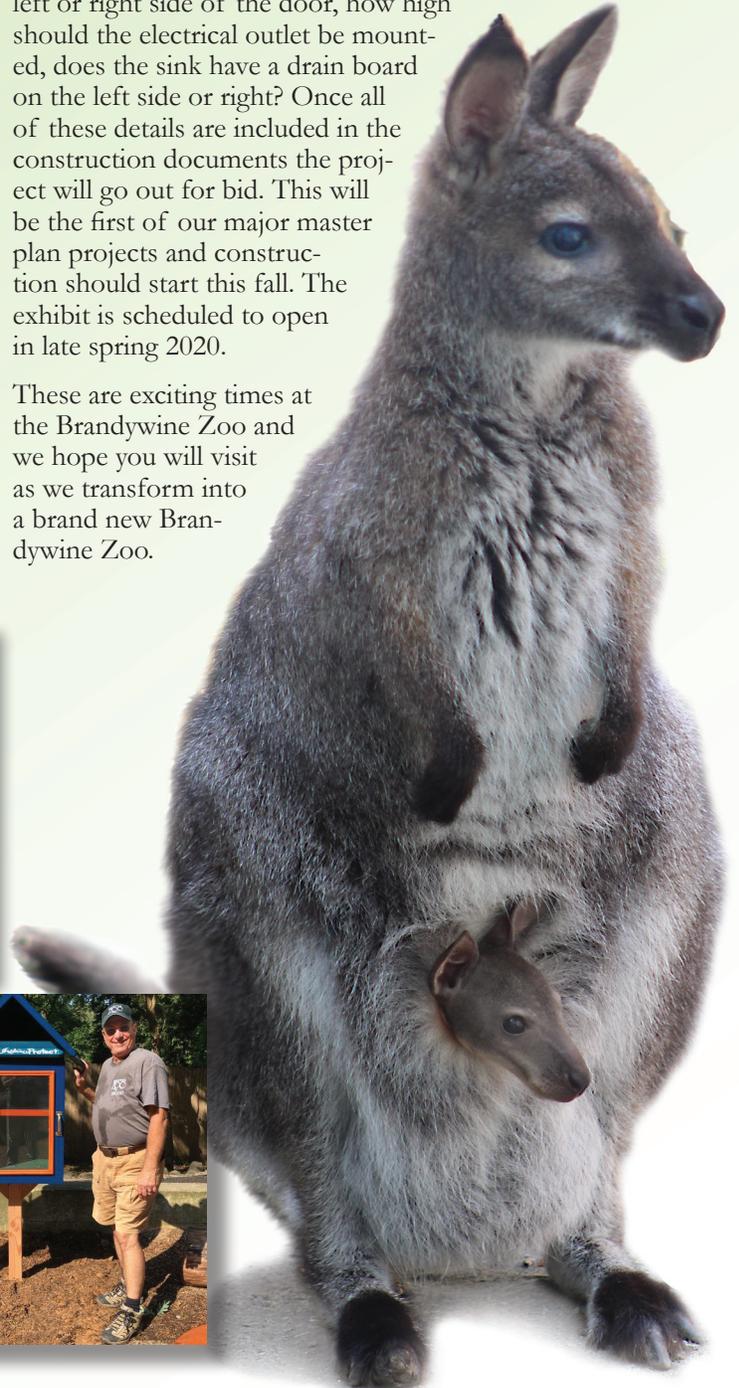
This summer, the zoo has added wallabies, alligators, toucans, whistling ducks, ravens and three new breeds of domestic goats. These new additions have brought a lot of smiles as children of all ages watch the young joey venture in and out of his mother's pouch or watch the "fruit loops" bird fly through the exhibit. Additional collection changes are coming as we said goodbye to our llamas who have joined a flock of sheep in a large pasture at the Nemacolin Woodlands Resort in western PA. Shortly we will welcome a group of alpaca who will be on loan for the summer until this space is transitioned into the Madagascar exhibit.

The zoo has added a Little Free Library® in our Nature Play area. A collection of books are available to read at the zoo or take home. Since it has been installed, adults and children are seen sitting in the area and reading on a daily basis. Special thanks to Docent Roger McCaslin who built and installed the library and Ash Savio, our zoo

registrar who painted it. The construction you see at the condor exhibit will become a new viewing area with a 9' tall window where you can come eye to eye with one of the largest flying birds in the world, separated only by a piece of glass. In mid-July, the popular bee exhibit will get a major makeover with the addition of play elements, new graphics and oversized metal flowers.

We continue working with architects and designers to put the finishing touches on our Madagascar Exhibit. We are working through the nitty gritty details – which way should this door swing, does the hose hook up go on the left or right side of the door, how high should the electrical outlet be mounted, does the sink have a drain board on the left side or right? Once all of these details are included in the construction documents the project will go out for bid. This will be the first of our major master plan projects and construction should start this fall. The exhibit is scheduled to open in late spring 2020.

These are exciting times at the Brandywine Zoo and we hope you will visit as we transform into a brand new Brandywine Zoo.





BRANDYWINE
ZOO
Go a little wild!

2019 Events

General Zoo Events

July 19.....	Animal Play Day-Keeper Week Edition	10 am - 3 pm
July 27.....	Zoorific Healthy Kids Day	10 am - 1 pm
August 3	Poo at the Zoo	10 am - 1 pm
August 8	 Family Fun Night	6 - 8 pm
August 17	Honeybee Celebration	10 am - 1 pm
August 24	Beastly Back to School Bash	10 am - 1 pm
September 7 & 8	Zippity Zoo Days	10 am - 3:30 pm
September 7 only	International Vulture Awareness Day	10 am - 1 pm
September 21.....	International Red Panda Day	10 am - 1 pm
September 27.....	  Brew at the Zoo	5:30 - 9 pm
October 5	Star Wars Day	12-3 pm
October 12	World Bird Day	10 am - 1 pm
October 17, 18, & 19.....	 Boo at the Zoo	5 - 7 pm
November 2	Scout Night	4:15 - 6 pm
December 31	Noon Year's Eve	11 am - 12:15 pm

Breakfast Programs

July 20.....	Breakfast with the Zoo Keepers	9 - 10 am
September 21.....	 Breakfast with the Red Pandas	9 - 10 am
October 5.....	Star Wars Breakfast	10 - 11 am
December 14.....	 Breakfast with Santa	9 - 10 am
December 15.....	Breakfast with Santa	9 - 10 am

Brandywine AAZK Chapter Update

By Katlyn Muse, President of Brandywine AAZK Chapter

Geeks Who Drink! Quiz for Cause.

In March BAAZK took over the Trolley Tap House in Wilmington, DE for a fantastic night of trivia. With help from so many of our BAAZK supporters, over \$500 was raised for the Red Panda Network.



Throwing for Tamarins was a new event this year, replacing Tango for Tamarins. It was an amazingly fun evening full of drinks, friends, and axe throwing. We were able to raise over \$300 for Golden Lion Tamarin

conservation, with proceeds going to Save the Golden Lion Tamarins.



Painting for a Purpose was a big success. BAAZK members and friends who love Pangolins came together to paint and raise money for BAAZK professional development. We raised almost \$400 to further our education and continue to provide the most up to date animal welfare.

The second annual **Go Wild for Rescues Adoption Event** brought together 4 local rescues/shelters, local pet vendors, Waffle n' Joe food truck, and Copperfield Kettle Corn to find pets their forever homes. One of the dogs was even adopted by a BAAZK member!



Upcoming Events:

Healthy Mouth for our Pets - July 19th, 6pm

Please join us for an informative and fun seminar on dental disease and how it affects our furry friends, inside and out. Not only will you get a behind-the-scenes look at what happens when your pet gets their teeth cleaned by a professional, you will also learn how to take care of your pet's teeth at home!

Bowling for Rhinos - July 21st, 5 - 8pm



Join BAAZK for a night of bowling, great company and lots of fun, while helping us raise money for rhino conservation.

This is our 6th year hosting a Bowling for Rhinos

event. For the first year we will be partnering with Main Event for even more entertainment options, bowling, arcade, indoor zip line, etc, for children and adults. As in the past, we will also have a silent auction, raffle and BAAZK merchandise table.

Feathered Friends and Enemies - August 2nd, 6pm

Just like us, birds live in complex social networks interacting with friends, family and competitors. Their movements within this complex community impact how they feed, how they fight and how they survive. Recent work in the laboratory is trying to map out some of these intricate social connections to find out how individuals interrelate both within and across species and how this might influence their learning and behavior across varying environmental conditions. We'll discuss all of this and much more!

Venturing Out for Vultures - Sept. 15th, 12pm

Do you love Vultures? If not, you should! Vultures are an integral part of the ecosystem, disposing of carrion that could otherwise carry disease. Please join us for a fun day of hiking, birdwatching, a free flight bird demonstration, and an informative presentation about the vulture SAFE program by Brandywine Zoo's Education Curator, Jacque Williamson.

Canine Training Workshop - Sept. 20th, 5:30pm

Certified dog trainer Leah Newman will be teaching Part 2 of her Canine Training Workshop. During this workshop Leah will use positive reinforcement to teach a few advanced canine obedience techniques. The techniques covered in Part 1 will be reviewed during Part 2.

Boo at the Zoo - October 17th-19th, 5 - 7pm

Celebrate Halloween at the Brandywine Zoo with this merry, not scary, event. Kids can trick-or-treat through the zoo as it gets dark in their Halloween costumes! BAAZK will be in attendance selling "design your own" trick or treat bags and, of course, handing out candy!

Carving for Conservation - October 25th, 5pm

Join BAAZK members in carving pumpkins for the #CarvingforConservation Challenge. Pumpkins and carving equipment will be provided for a small fee, all proceeds will be donated to the Tikki Hywood Foundation and Pangolin Conservation. Each person will have a picture of their pumpkin submitted for the chance to win a prize.

BAAZK would like to thank everyone for their continued support, donations, and attendance at our events and fundraisers. Thanks to your generosity our keepers are able to attend workshops and conferences to expand their knowledge and continue to deliver top of the line animal care.

Like our Facebook page to keep up to date with all of our upcoming events and for more information.

Inclusive Programming

By Jacque Williamson, Curator of Education

This year, the Brandywine Zoo celebrated its second, annual DreamNight. DreamNight is an international event that takes place at zoos and aquariums around the world as a special evening of fun and festivities for children with chronic or critical illnesses or other special needs. It was started in the Netherlands at the Rotterdam Zoo in 1996 and has spread around the world from there. Each zoo organizes this event in its own way, but in all the zoos, the children are welcomed and treated as V.I.P.'s. They get a warm reception with fun activities or opportunities throughout the evening. The children can interact with animals and keepers and get a more intimate view of the zoo than the average zoo visitor gets.

This is a free, after-hours event and this year we worked with the A.I. du Pont Children's Hospital, The Ronald McDonald House, The Make-A-Wish Foundation, and Christiana Care to distribute tickets for the event. We want to thank all the organizations that helped make this a special evening at the zoo: Wilmington Fire Depart-

ment; Christiana Care's Department of Family and Community Medicine; Delaware Health and Social Services Birth to Three Program; Wilmington State Parks, who provided some fun tractors to climb-on, as well as staffed a learning station; Corporal Trevor Ditmore and K-9 Leo, from the Department of Natural Resources Police; and the fantastic Star Wars Characters from First State Garrison!

Additionally, this year we began offering Sensory Hours on the first Sunday of the month, May through August. Sensory Hours are for children and guests with Autism Spectrum Disorders (ASD) and sensory processing differences. The Zoo will open one hour early on the first Sunday of each designated month for Sensory Hour and staff will modify routines and sounds to give guests a more accessible experience during their time at the Zoo. Crowds during Sensory Hours will be smaller than a typical, busy weekend day. Join us for these inclusive Sunday mornings!





AFRICAN VULTURE S.A.F.E. PROGRAM

TOP THREE THREATS FACING AFRICAN VULTURES

#1 POISONING THROUGH POACHING

What is the problem?
Poisoning is the most significant threat currently impacting African vulture species.

Targeted poisoning, where vultures are intentionally killed for:

- Belief-based uses in the fetish and muti-trade. Up to 30% of annual vulture deaths are a result of direct poaching for bushmeat use in these traditional trades.
- Are targeted as sentinels by poachers to prevent vultures from revealing the location of illegal kills to park rangers.

Unintentional or secondary poisoning, where vultures are not the intended target (see Threat #2):

- Vultures lead rangers to poached elephants and rhinos when they circle a carcass. Poachers intentionally poison poached carcasses to target sentinel vultures.

What are SAFE partners doing to help?

- Reducing poaching is important for vulture conservation.
- Providing poisoning response training to rangers, which reduces mortality at each incident.
- Training results in faster site clean up time, which prevents secondary poisoning episodes and more effective evidence collection which leads to the arrest of perpetrators.
- Educate local communities about the dangers of wildlife poisoning and the importance of vultures to encourage community-based vulture conservation efforts.

#2 POISONING BY FARMERS



What is the problem?
Retalatory killings of carnivores often result in unintentional (nontargeted) poisoning incidents.

- Carnivores kill livestock.
- Farmers poison carcasses to retaliate.
- Vultures consume poison bates targeting predators, or consume carcasses of animals that have died from poison.

Reducing human-carnivore conflict is critical not just for lion conservation but for vultures as well.

What are SAFE partners doing to help?

- Using satellite telemetry vultures to study their ranges. Also helps determine poisoning rates and hotspots.
- Work with local communities to reduce carnivore conflicts, retaliation, and raise awareness about the illicit use of poisons.



#3 COLLISIONS WITH MAN-MADE STRUCTURES

What is the problem?
Energy demand is increasing in Africa. This has resulted in:

- Increases in electrocution on power poles and injuries from collisions with power lines
- Collisions occurring at wind farms

What are SAFE partners doing to help?

- Survey high-risk power lines and notify local infrastructure companies about areas of concern.
- Collaboration with companies for power line mitigation to reduce vulture mortalities and injuries.
- Prevent construction of wind farms and power lines in high use vulture habitat.



Threats to vultures overlap heavily with SAFE programs, other and conservation initiatives of several other species, particularly African elephants and lions, which are targeted for poaching and retaliation.

AZA SAFE: Saving Animals From Extinction focuses the collective expertise within AZA-accredited zoos and aquariums and leverages their massive audiences to save species.

SAFE IS A FRAMEWORK THAT:

- Protects threatened animals.
- Implements strategic conservation and stakeholder engagement activities.
- Builds on established recovery plans and history of commitment.
- Measures and reports conservation progress.
- Prioritizes collaboration among AZA member institutions.

What is African Vulture SAFE?
African Vulture SAFE is intended to coordinate and focus the conservation efforts of AZA institutions on specific African Vulture species in order to increase conservation impact. African Vultures were officially selected as a SAFE species in March 2018.

Who is involved?
Dr. Corinne Kendall, the Curator of Conservation and Research at North Carolina Zoo, is heading up the African Vulture SAFE program. To date, SAFE has 14 program partner zoos, plus the Raptor TAG Education Committee, that are all actively contributing to the program.

\$420,000 Between 2014-2016, 21 AZA member institutions supported African vulture conservation directly and members spent over \$420,000 during this time. Largely, these funds have supported:

- Population Monitoring
- Awareness Building in range countries
- Ranger Training to reduce poisoning
- Satellite Telemetry



- #01 MONITORING**
Continuous and expand population monitoring of target vulture species
- 1.1 Conduct roadside surveys to maintain up-to-date information on known populations
 - 1.2 Conduct roadside surveys of new populations to assess current gap areas
 - 1.3 Monitor and protect key breeding sites (cliff nests for Cape and Ruppell's Vultures)
 - 1.4 Aerial monitoring of breeding clusters of tree-nesting vultures
- #02 POISONING**
Reduce poisoning prevalence
- 2.1 Mitigate human-wildlife conflict
 - 2.2 Train poisoning response teams
 - 2.3 Increase patrolling for poisoning
 - 2.4 Track vulture mortality
- #03 BIODIVERSITY**
Improve knowledge of vulture biology
- 3.1 Establish population range and lead exposure for significant populations
 - 3.2 Study and quantify the role vultures have in disease control and waste removal
- #04 MONITOR COLLISIONS**
Monitor and reduce threat of infrastructure collision and electrocutions
- 4.1 Monitor number of vultures killed or injured due to collisions and electrocutions
 - 4.2 Minimize threat of collision and electrocution
- #05 REHABILITATION**
Enhance rehabilitation, breeding, and release of Cape Vultures
- 5.1 Rehabilitate, breed, and release Cape Vultures in South Africa with potential expansion to Namibia



- #06 ENGAGEMENT**
Increase Public Engagement in Vulture Conservation
- 6.1 Raise awareness, and encourage positive attitudes towards, and improve actions to reduce threat to African vultures in range countries
 - 6.2 Raise awareness among AZA audiences
 - 6.3 Create and implement consistent signage related to African vulture conservation to be put up in AZA facilities
 - 6.4 Develop media campaign to include regular newspaper articles, documentaries, etc to increase awareness
- #07 FUNDING**
Increase Funding Directed at African Vulture Conservation
- 7.1 Increase AZA institution funding for African vulture conservation BY 25%
- #08 NATIONAL PLAN**
Develop National Action Plans for African Vultures
- 8.1 Develop 1 National Action Plan and begin conversation on how to create these in other countries where needed
- #09 TRAINING**
Train and mentor in-country nationals in vulture research and conservation
- 9.1 Work closely with in-country nationals to build local capacity for vulture conservation and research

Why Vultures?

Africa's vultures have declined by an average of 62% during the last 30 years. In parts of Western Africa, some species have declined more than 95%.

62% in 30 years

25% by 2020
The goal of this action plan is to improve the population status of all six target species in at least 25% of their African distribution by 2020.

African Vulture SAFE Species

Cape Vulture <i>Gyps coprotheres</i>	EN	EN
Hooded Vulture <i>Necrosyrtes monachus</i>	CE	EN
Lappet-faced Vulture <i>Torgos tracheliotus</i>	EN	EN
Ruppell's Vulture <i>Gyps rueppelli</i>	CE	EN
White-backed Vulture <i>Gyps africanus</i>	CE	EN
White-headed Vulture <i>Trigonoceps occipitalis</i>	CE	N/A

The species considered within this program are all a part of the Raptor TAG.



Program Partners

Program Leader:
Corinne Kendall, North Carolina Zoo

Vice Program Leader:
Gracie Patterson, Denver Zoo

Public Engagement Subcommittee Leader:
Jacquie Williams, Brandywine Zoo

Additional Steering Committee Members:
Cari Anderson, St. Augustine Alligator Farm Zoological Park
Tina Brink, Tracy Aviary
Meredith Brufin, PAC Aquarium, Pine Islands
Janine Turner, Chazyville Humane Society
Suzanna Lee, Dallas Zoo
Michael Harris, San Diego Zoo Wildlife
Bryan McAlister, Phoenix Zoo
Mike Healy, Los Angeles Zoo
Taylor Rubin, Zoo Atlanta
Tom Schreier, Denver Zoo
Anne Tinker, St. Louis Zoo

PCC Liaison:
Erik Brown, Tracy Aviary

Raptor TAG advisor:
Scott Telford, Denver's Animal Kingdom

Field Partners:
Raptors Botswana (RB)
Kalahari Research and Conservation (KRC)
Wildlife Conservation Society (WCS)
The Peregrine Fund
Ruaha Conservation Project (RCP)
Humboldt Zoological Society (H2S)
Wildlife

Advisors:
Andie Bolha (KRC Vulture Specialist Group)

Program Partners:
Brandywine Zoo, Cleveland Metroparks Zoo, Dallas Zoo, Denver Zoo, Los Angeles Zoo, North Carolina Zoo, San Diego Zoo Wildlife, St. Augustine Alligator Farm Zoological Park, St. Louis Zoo, Tracy Aviary, Zoo Atlanta, Dallas Zoo, Phoenix Zoo, St. Louis Zoo, Washington State Zoo

Contact Information:
Curator of Education, Brandywine Zoo
Raptor TAG Education Advisor
African Vulture SAFE Education Subcommittee Chair

Get Involved

How can you help?
Support the in-situ conservation work of the four programs highlighted under by: You/your organization raise and donate funds to the African Vulture SAFE program, where you can even specify which of the four projects you are supporting.

Alternatively, you can directly support those programs in some way and report back to SAFE.

What are we doing to help vultures ex-situ?
Part of the African Vulture SAFE program's goals is to educate visitors of zoos, aquariums, nature centers, schools...or really anywhere, about how amazing African vultures are!

Check out the August 2018 Vol. 1, Issue 3 of The Talon, the Raptor TAG's newsletter, for articles about conservation education happening around the world to raise awareness about African vultures.

Check out "Newsletter" RaptorTAG.com. Celebrate **International Vulture Awareness Day (IVAD)**

Download the **Raptor TAG's IVAD Toolkit** for activities, lessons and more: RaptorTAG.com/vultureday

African Vulture SAFE Toolkit activities, facts, social media ideas, fundraising ideas, and conservation messages to use as part of your IVAD celebrations or just throughout the year. Our goal is to make educating guests about vultures easy and to make sure that we are all speaking with one voice to enact positive change for African vultures.

Visit RaptorTAG.com/SAFE

Fundraisers
In 2018 we ran a **T-shirt campaign** which raised over \$2,600 for African Vulture SAFE. A new campaign will launch summer 2019. **We're looking for new T-shirt designs if you're an artist! Contact us if you'd like to buy shirts in bulk for resale.**

Host a **Venture out for Vultures** hike, 5K, walk in September to fundraise (and look at migrating vultures and other raptors!).

Other ideas are available in the toolkits below.

FOCUS PROGRAMS

Outlines of the four main focus programs African Vulture SAFE supports. Full descriptions of these four Focus Programs are available at RaptorTAG.com/SAFE

Botswana

- Denver Zoo
- Kalahari Research and Conservation
- Raptors Botswana

Working to address key knowledge gaps, engage new communities, and train poison first-responders in Botswana.

Tanzania

- North Carolina Zoo
- Wildlife Conservation Society

Population monitoring, ranger training in responding to poisoning events, awareness raising, and satellite tagging of several vulture species.

South Africa

- VulPro

Veterinary toxicological research, colony monitoring, and rehabilitation of injured vultures.

Kenya

- Peregrine Fund

Have begun monitoring breeding colonies to assess our conservation impact.

Focus Areas

Initial target areas for the SAFE program are Botswana, Kenya, South Africa and Tanzania.

Priority countries for expanded efforts would include Angola, Mozambique, Namibia, Uganda, Zambia and Zimbabwe.

SOURCES:
<https://www.cms.int/raptors/en/subsite/conservation/conservation-african-vultures-vulture-safe-program-cms-13-09-2018>
https://www.species360.com/assets/2332/african-vulture_actionplan2018-2020.pdf

Brew at the Zoo

By Jennifer Lynch, Marketing & Special Events Manager

Our 8th annual **Brew at the Zoo** will be held on **Friday, September 27** and I am proud to announce that our keepsake cups are 100% recyclable and made with up to 50% recycled materials, shatterproof and BPA-free too! You can use these Red Panda themed cups to taste a wide variety of beer from local breweries like Bellefonte Brewing, Stitch House, Iron Hill, Mispillion River Brewing and many more!

Restaurants Ulysses American Gastro Pub, Kid Shelleen's, Ernest & Scott Taproom and Chelsea Tavern will be offering some delicious food as you



stroll through the Zoo. Phung Luu, from **Animal Behavior & Conservation Connections**, will have his assortment of feathered friends to admire as well. And of course there's shopping! We have a variety of animal artwork, special experiences and products from local restaurants and attractions that will be available in our special online auction. You can bid on items even if you are not attending. Follow the event on facebook and you will see the updates. We hope you will attend this fun outdoor event. Remember to get your tickets early, as this event sells out!

Tickets are available now brandywinezoo.org/brew-at-the-zoo

BREW AT THE ZOO

With great food & more!



Friday, Sept. 27
5:30 PM–9 PM

Tickets: \$50/person;
\$40/person Zoo members;
\$60/person at the door.
(\$25/designated driver)
Guests must be 21
to be admitted.

Rain or Shine.
Call or buy tickets online...

See you there!
brandywinezoo.org
302-571-7747 Ext 228

Family Fun Night

With **93.7 WSTW** Special evening hours
hosted by

93.7 FM WSTW

Meet **Joe & Nancy**
from the Wakeup Crew.

Thursday, August 8
6 PM to 8 PM

Listen for details on
93.7 WSTW FM.



Enjoy special
activities,

animals
and more!

Fee: \$1
admission
for everyone.

(BZ members are free!)

Free Parking.

**\$1 hot dogs,
pretzels,
and
soft drinks
too!**



Boo at the Zoo 2019

By Emily Krueger Culkin, Program Animal Coordinator

Due to the increased popularity of our Halloween event, we are excited to announce that we are adding a third night!! Join us on THURSDAY October 17th, Friday October 18th, and Saturday October 19th from 5-7pm to enjoy a fun evening of trick-or-treating. As a merry, not scary, community event, we are always looking for local businesses to join us as a sponsor or to come hand out candy... in your best costume, of course! Please visit www.brandywinezoo.org/booatthetoo for more information.



Membership to the Brandywine Zoo has its benefits!

Besides an exclusive Members Only Party in June, you also receive free admission to upcoming Star Wars Day, Boo at the Zoo and Noon Year events; free admission to the Zoo (guest passes too!) and discounted or free admission to over 150 other AZA accredited Zoos and Aquariums (check www.aza.org/reciprocity before your next visit).

Members receive discounts in the gift shop and when purchasing Zoo Camps, birthday parties and more! Best of all, you're helping the Brandywine Zoo continue to offer you and others the chance to experience the wonder of wildlife. Zoo memberships make a great gift, too!

Call 302-571-7788 ext. 215 or online: brandywinezoo.org/support/membership

Become a Zoo Parent and ADOPT (Animals Depend on People Too)

Animal adoptions are fun and make great gifts for friends and family. Your tax deductible donation will help support our zoo's programming and conservation work locally and around the world. The Brandywine Zoo participates in many programs that promote the survival of at risk animals and their habitats. At the zoo, our programs educate children and adults on the importance of wildlife and conservation.

Check out our website brandywinezoo.org/support/a-d-o-p-t-an-animal for the details.

Summer VolunTEENs

By Danielle Levredge, Volunteer Manager

This year, our summer teen program has changed its name to **VolunTEEN!** Our VolunTEENs start at age 14 and go to age 19 and perform a wide range of duties. They could be Counselors in Training (CITs) for our summer camps, in the goat yard monitoring our new area and animals while they inform the public on our new rules and species facts, or they could be an exhibit interpreter at any of our animal habitats where they describe animal behavior and natural history of the species.

2019's VolunTEEN crew kicked off their program with group interviews, a series of required trainings that included conservation themed Mad Libs, learning about

the Zoo's history, the importance of AZA accreditation, watching a keeper train an Andean Condor, learning how to interact with the public, and animal encounters. We look forward to having them on our team every summer and giving them a rewarding, growth-focused, exotic and environmental experience in return.

If you are (or know of) a teen and would like to be involved in the 2020 Summer VolunTEEN Program, please contact our Volunteer Manager at danielle.levredge@delaware.gov and keep an eye on our volunteer webpage starting in the new year!



Meet Our Goats

Nigerian Dwarf



- A miniature breed of dairy goat originating in West Africa and developed in the US
- They can have a straight, short to medium hair with varying colors.
- In the 1980's they were considered "rare", but in 2013 the breed was removed from their listing and is now thriving.
- They produce up to four pounds of 6-10% buttermilk a day. That means their milk is very creamy and makes delicious cheese, ice cream, and yogurt.
- They are one of the smallest goats, just a bit smaller than a pygmy goat

Nubian

- A dairy goat of mixed origin
- Gentle Giant of the Goats
- Nubians have short, fine hair and long floppy ears, which extend all the way past the end of their blunt muzzle



African Pygmy



- Originated in Western Africa
- Good all-purpose goat known for their high-quality milk
- They come in a wide variety of colors. The most common are silver agouti (grey/black mixture), caramel (tan with black markings), and black (with white points)

Angora

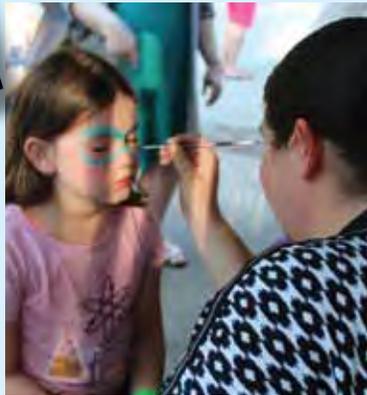
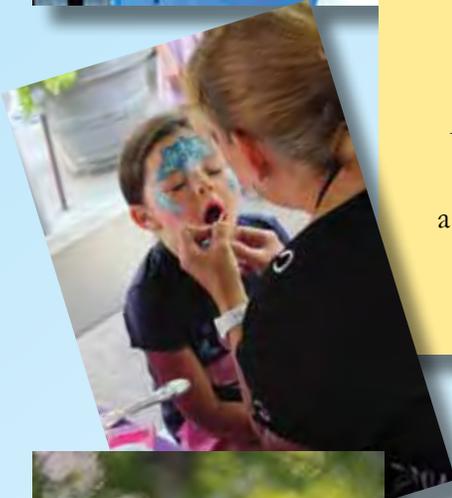
- The fleece taken from an Angora goat is called mohair
- Best known for being the softest and most fluffy goats in the world
- They can come in a variety of colors including white, brown, grey, black, red, and even silver
- The largest angora goats can grow to roughly 150 pounds





Members Night of FUN!

Thank you members!
Your membership helps us maintain and improve our zoo, as well as educate visitors about these wonderful creatures that call Brandywine Zoo their home.



Delaware Zoological Society Executive Director's Letter

Dear Members, Supporters, and Friends,

I hope that you have enjoyed our latest issue of ZooNews. As I am sure that you have read throughout this issue, we have a lot going on this year at the Zoo. It has been incredible fun to see all of the new animals and changes, which make me excited for the future of Brandywine Zoo. We look forward to you joining us for a day at the zoo or one of our fantastic events in 2019.



Since my letter in the last issue, I have had the opportunity to spread the word about the great work that we are doing in Washington DC and Dover. On May 8th, AZA hosted the annual AZA Advocacy Day on Capitol Hill. The Association of Zoos and Aquariums (AZA) Advocacy Day is joint production of AZA and the Wildlife Conservation Society (WCS), which runs four zoos and an aquarium in

New York and is the fourth largest field conservation organization in the US, after the World Wildlife Fund (WWF), Conservation International (CI), and The Nature Conservancy (TNC). I met with the Senators Carper's and Coons' staffs to discuss support for zoos and aquariums, funding for wildlife conservation domestically and internationally, and advocating for stronger laws against wildlife trafficking. Wildlife trafficking is only dwarfed by the illegal trade in drugs, weapons, and people.

In addition to spending the day on Capitol Hill meeting with our elected officials, I attended a session at the National Zoo about AZA's merger with the United States Wildlife Trafficking Alliance merger. The United States Wildlife Trafficking Alliance is a coalition of nonprofit organizations, companies, foundations and media interests working closely with the U.S. government to combat wildlife trafficking by raising public awareness, reducing consumer demand for wildlife and wildlife products, and mobilizing companies to adopt best practices to stop wildlife trafficking. That night, we had dinner at the US Capitol Visitors Center and listened to a panel discussion about the future of zoos and aquariums with leaders from the Bronx Zoo and the Shedd Aquarium.

Over the past few months, I have been spending more time in Dover at Legislative Hall advocating for the Zoo and Delaware State Parks. We continue to advocate for funding for the Zoo from our local politicians. Please remember to tell all of your elected officials that you support the Zoo and that they should, too.

Best regards, Mike

Plan for tomorrow. Ensure the future today.

the Eagle Legacy Circle

Create your lasting gift for the Brandywine Zoo and the Delaware Zoological Society.

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ACCREDITED BY THE
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AQUARIUMS**

Please let us know when you move; don't miss special invitations and Zoo News. Email to memberships@brandywinezoo.org or call 302-571-7788 Ext. 215.

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Friday, Sept. 27: 5:30 PM—9 PM

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BRANDYWINE ZOO

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