







Bats have been in existence for more than 50 million years. They provide many benefits in the forms of insect consumption, seed dispersal, and plant pollination. However, bats are under unprecedented threat from widespread habitat destruction, accelerated climate change, invasive species, and other stresses. Without concerted international action, their populations will continue to fall, driving many species to extinction.

That's where we come into action. We're on a mission to conserve the world's bats and their ecosystems to

ensure a healthy planet. We are on the move to deliver world-class conservation in the places where bats need it most.

This past year, we have reached some major milestones in the protection of these incredible creatures. We've led the creation of the first-ever bat sanctuary in Fiji, a significant step in ensuring the survival of the critically endangered Fijian free-tailed bat. We've completed the largest agave restoration project in the history of the United States by planting more than 2,600 agaves in southeastern Arizona to provide food to nectar-feeding bats. In Jamaica, we've completed a conservation roadmap to secure the purchase of Stony Hill Cave — the last known roost for one of the most endangered mammals on earth. And that's just the beginning.

As a science-based and results-focused organization, we are leading the charge to ensure the worldwide survival of these extraordinary mammals.

With your help and the support of partner organizations, we will redefine what is possible in global conservation, through the utilization of cutting-edge tools, technology, and training to create a real, measurable impact.

As always, we thank you for your continued support. Your investment is making a global impact in saving bats and their habitats. Together, we have the power to end bat extinctions worldwide.





# WEEND BAT EXTINCTIONS WORLDWIDE.

Bats are vital to our world's ecosystems and global economy. Bat Conservation International strives to protect the world's bats and their ecosystems to ensure a healthy planet. Driven by science and focused on results, our clear, effective work models, and broad support from members and partners, allow us to:

- → Implement Endangered Species Interventions
- Protect and Restore Landscapes
- Conduct High-Priority Research and Develop Scalable Solutions
- Inspire Through Experience



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ON THE COVER / Photo by VARSHA RAI





With more than 1,400 species located all around the globe, bats play a substantial ecological role that is vital to the health of our natural ecosystem and human economies.



#### **FACTS**

- Each night, insectivorous bats can eat up to half their body weight in insects.
- Bats save U.S. farmers roughly \$23 billion each year by reducing crop damage and limiting the need for pesticides.
- Bats pollinate, disperse, and protect valuable cash crops including agave, bananas, cacao, cashews, corn, dates, durians, figs, guava, and sugar.





Today, bats are under unprecedented threat from widespread habitat destruction, accelerated climate change, invasive species, and other stresses.

Without concerted international action, their populations will continue to fall, driving many species to extinction.

Photo by Michael Durham / Minden Pictures, Bat Conservation International





# THE SCIENCE THE FACTS OF THE STATE OF THE S

#### // PROGRESS REPORT //

As a science-based and results-focused organization, we have a proven track record for success, and 2019 was no different.

Working together, our goal is to redefine what is possible in global conservation, through the utilization of cutting-edge tools, technology, and training to create a real, measurable impact.

As you can see, with your support, we can continue to make a lasting impact on bat conservation worldwide.

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#### **ENSURING THE SURVIVAL OF SOME OF** THE RAREST BATS IN THE WORLD, WE **FOCUSED ON PROTECTING THE FOLLOWING ENDANGERED SPECIES:**

#### **FLORIDA BONNETED**

**Built** key partnerships with local and regional organizations such as Florida Power & Light, and 700 Miami.

**Installed** a grid of bat detectors and 16 artificial roosts, half of which have quickly become occupied by Florida bonneted bats.

Trained 40 BCI Bat Ambassadors to lead outreach and citizen science in Miami-Dade County.

**Developed** key research on bioacoustics and roost ecology.

#### **FIJIAN** FREE-TAILED **BAT**

**Completed** the purchase of two parcels of land surrounding Nakanacagi Cave, creating the first ever protected area in Fiji for

> bats. This is the last known roost that harbors 95 percent of the species population.



#### **JAMAICAN FLOWER BAT**

**Completed** four expeditions to Jamaica to survey critical bat habitat and work with the Jamaican aovernment and in-country partners to develop targeted actions to protect these critically endangered bats.

Raised over \$190,000 to implement conservation strategies in Jamaica and secured a funding pledge from the Jamaican government toward the purchase of Stony Hill Cave.

#### **RARE RWANDAN** BATS

Scientists from DRC, Kenya, Rwanda, and USA surveyed for rare bats in Nyungwe National Park in southern Rwanda.

- Surveyed 8 caves in the park.
- Identified 8 species of bats, including new species occurrence records for Nyungwe and Rwanda.
- Trained Nyungwe Park Rangers to conduct acoustic monitoring for rare bats.





# HABITAT AND THRIVING ECOSYSTEMS ARE IMPERATIVE TO THE HEALTH OF THESE MAMMALS. WE PROVIDED PROTECTION AND RESTORED LANDSCAPES FOR THE FOLLOWING:

Photo by Kristen Lear

Photo by Bill Hatcher

the Bureau of Land

Management across

the western US.



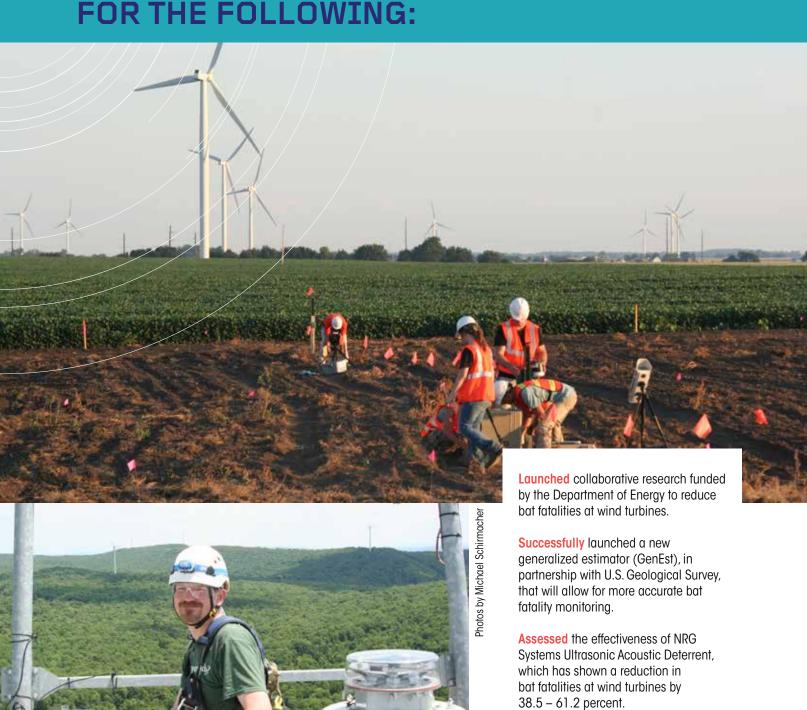
Photo by Dan Taylor

#### Batlicious AGAVE

Planted more than 2,600 agaves in Arizona and New Mexico to facilitate and sustain the migration pathways of nectar-feeding bats.

Funded greenhouse construction for Borderlands Restoration Network to grow 10,000+ agaves ready to plant on private and public lands near important bat roosts in Arizona and New Mexico over the next three years. Protected more than 250 bat roosts for

# RESEARCH AND COLLECTIVE ACTION IS REQUIRED TO DEVELOP SOLUTIONS TO EMERGING THREATS. WE CONDUCTED HIGH-PRIORITY RESEARCH AND DEVELOPED SCALABLE SOLUTIONS FOR THE FOLLOWING:



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#### White-nose Syndrome WNS

Completed field work in Michigan and Texas testing the efficacy of real-world application on bats at hibernating sites of a potential treatment for White-nose Syndrome (WNS).

**Field-tested** potential treatments to kill the fungus that causes WNS on mine surfaces, where bats get exposed to the deadly pathogen, in 3 mines in Alabama, Arkansas and Ontario.

Led surveillance for the fungus that causes WNS across the eastern United States to inform states and federal land managers where the fungus is invading and spreading.





hoto by Michael Durham / Minden Pictures



Awarded 9 recipients of BCI's Student Research Scholarship for Global Bat Conservation Priorities, funding projects in Brazil, Cameroon, Costa Rica, India, Malaysia, Mauritius, Mexico, Papua New Guinea, and USA.

#### WE INSPIRED THROUGH EXPERIENCE BY CREATING PERSONAL CONNECTIONS WITH BATS. WE MADE A POWERFUL IMPACT BY:

Enhanced Bracken
Cave Preserve,
home to more than
20 million Mexican
free-tailed bats
and the largest bat
colony in the world.

**Hosted** 146 educational events inspiring over 6,076 visitors.

**Featured** nationally on PBS: American Spring Live highlighting the wonders of bat migration.

Protected the site against wildfires by conducting a prescribed burn of 202 acres & completing over two miles of fire break work with assistance from BCI volunteers, Texas, A&M forest service and local fire departments.



#### Launched a nationwide bat walks program

In partnership with the Houston Zoo and the Brown Foundation, we completed our pilot year of bat walks in Texas and Florida to train a network of volunteers in providing in-person and interactive bat encounters where participants can listen to ultrasonic calls of bats. We held training events in 5 cities and trained 118 volunteers from 46 partner organizations. Our network conducted more than 50 bat walks in the first year of the program.

Photo by Melquisedec Gamba-Rios

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financial øverview

# THE NUMBERS

# STATEMENTS OF FINANCIAL POSITION

JUNE 30, 2019 AND 2018

#### **ASSETS**

**Current Assets** 

Cash & Cash Equivalents Accounts & Grants Receivable Prepaid Expenses

Total Current Assets

Property & Equipment, net Investments

**Total Assets** 

#### **LIABILITIES**

**Current Liabilities** 

Accounts Payable

**Accrued Expenses** 

Deferred Revenue

**Tenant Deposits** 

**Total Current Liabilities** 

**Total Liabilities** 

#### **NET ASSETS**

Without Donor Restrictions

With Donor Restrictions

Time or Purpose

In Perpetuity

Total Net Assets

**Total Liabilities and Net Assets** 

#### 2019

\$2,212,660 \$816,228 \$51,319 \$3,080,206

\$6,723,886 \$1,760,750

\$11,564,842

\$87,430

\$340,531 \$318,884

\$4,190

\$751,035 \$751,035

\$2,416,775

\$1,564,926 \$6,832,106 \$10,813,807

\$11,564,842

#### 2018

\$1,064,336 \$600,910 \$63,093 \$1,728,339 \$6,771,841

\$994,148

\$9,494,328

\$161,237 \$267,906

\$4,190

\$433,333 \$433,333

\$996,875

\$1,232,014 \$6,832,106 \$9,060,995

\$9,494,328



## STATEMENTS OF ACTIVITIES

YEAR ENDED JUNE 30, 2019

Without Donor Restrictions		With Donor Restrictions		
		Time or Purpose	In Perpetuity	Total
REVENUES	All the same			
Contributions	\$4,003,553	\$1,063,835		\$5,067,388
Government Grants & Contracts	\$919,344	-		\$919,344
Corporate Contracts	\$250,882			\$250,882
Education and Workshops Revenue	\$361			\$361
Rental Income	\$95,984			\$95,984
Royalty Income	\$11,041			\$11,041
Catalog Sales, Net of Costs	\$7,212			\$7,212
Investment Return	\$66,912	\$94,832		\$161,744
Other Revenue	\$38,270			\$38,270
Total Revenues	\$5,393,559	\$1,158,667		\$6,552,226
Assets Released from Restrictions	\$825,755	\$(825,755)		
Total Revenues and Assets	, , , , , , ,			
Released from Restrictions	\$6,219,314	\$332,912		\$6,552,226
EXPENSES				
Program Services:				
Conservation Programs	\$2,599,024			\$2,599,024
Science	\$519,805	100		\$519,805
Education Program	\$294,709	100		\$294,709
Total Program Services	\$3,413,538	100		\$3,413,538
Support Services:				
Fundraising and Development	\$759,401			\$759,401
General and Administrative	\$626,475			\$626,475
Total Support Services	\$1,385,876	100		\$1,385,876
Total Expenses	\$4,799,414	100		\$4,799,414
Change in Net Assets	\$1,419,900	\$332,912		\$1,752,812
Net Assets at Beginning of Year	\$996,875	\$1,232,014	\$6,832,106	\$9,060,995
Net Assets at End of Year	\$2,416,775	\$1,564,926	\$6,832,106	\$10,813,807
				1000
				1.7

# We are so grateful for our members, donors, and contributors whose investments are supporting critical bat conservation initiatives around the globe. 16 / BCI / 2019 / ANNUAL REPORT

### YOUR INVESTMENT IS MAKING A GLOBAL IMPACT.

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#### \$100,000 -\$249.999

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Conservation Fund

#### \$5.000 -\$9.999

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#### \$1.000 -\$4,999

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Our Legacy Circle members commit to an enduring future for bat conservation by remembering BCI in their will, trust or other planned gift.

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We've made every effort to ensure these lists are complete and accurate, but if you believe your name was left off in error, please contact Karen Kimbell, Director of Membership and Individual Giving at 512.327.9721 x 460.

# BATS BENEFIT FROM COLLABORATIVE

CORPORATE

# CONSERVATION NEXTERA ENERGY



rue and sustainable conservation is bred through the power of partnership. Since our beginning, Bat Conservation International (BCI) has been fortunate to have business allies contribute to our bat conservation efforts. One of our longeststanding partners is NextEra Energy, Inc. In

2003, NextEra Energy became a founding member of the Bats and Wind Energy Cooperative (BWEC), alongside BCl and other organizations. The BWEC is leading research related to bats and wind energy development. As with any good partnership, BCl and NextEra Energy's relationship continues to grow and evolve. Over the years, BCl and NextEra Energy have teamed up on several wind energy and bat research initiatives in

Texas and Canada. This includes testing a device that can be placed on wind turbines that can safely deter bats while simultaneously allowing the turbine to operate efficiently.

In 2018, BCI and NextEra Energy, through its foundation and subsidiary Florida Power & Light Company, joined efforts once again for a new initiative in Florida. In collaboration with Zoo Miami, we launched a program to save the federally endangered Florida bonneted bat (Eumops

floridanus). The Florida bonneted bat is Florida's rarest and largest bat species. Together, we formed a new bat lab called the FPL Bat Lab at Zoo Miami housed at the zoo to better understand the species' needs in urban environments and to provide on-the-ground conservation measures. Key fieldwork involves acoustic monitoring to help determine the bats' distribution in this urbanized environment. As Dr. Melguisedec Gamba-Rios, FBB project leader from BCI notes, "The commitment of NextEra Energy to bat conservation is reflected in over a decade of tremendous support to BCI's research to apply the best conservation practices. Disappearing species such as the Florida bonneted bat need the community, including companies, to aid in their recovery." NextEra Energy's 15+ year collaboration with BCI is a promising example of what can happen when nonprofits and for-profits set ambitious conservation goals and pool resources. We look forward to creating even stronger platforms for conservation success with NextEra Energy in the years to come.



# FOUNDATION

### Bailey Wildlife Foundation

conservation strategy. The Bailey Wildlife
Foundation recognized this urgent need
and provided catalytic support to get 'boots
on the ground' to collect critical data.
This baseline information has been key to
ongoing research that is now funded through
the NextEra partnership. In 2018, the Bailey
Wildlife Foundation once again stepped
up to support bats who needed a timely

intervention. In Fiji, BCI and key partners developed a protected area centered around Nakanacagi Cave — home to the only known maternity colony of the endangered Fijian free-tailed bat. In fact, this is the first such protected area to be established on Fiji in the last ten years. The Foundation is supporting efforts to secure the entrances of two critically important caves on Jamaica. BCI has now also established monitoring measures around the caves to ensure safe and sustainable habitats for critically endangered bats.

Perhaps a trustee at the Foundation sums it up best, "Many people assume the only tool available to help threatened species is the government. But there are other incredibly flexible and efficient ways to support organizations that care about species preservation and are performing frontline work. Nonprofits contribute their own time, money, and strategy into conserving endangered species in effective and innovative ways and we are happy to partner with them and add fuel to their work."



key factor in the success of bat conservation is the ability of the public to appreciate and understand bats' ecological and economic contributions.

This can be tricky for some due to mythological and dark connotations associated with bats, but not for the Bailey Wildlife Foundation. The Bailey Family, in fact, has historically gravitated toward animals that receive less attention and popularity. Instead, the Foundation prides itself on helping those who often stand outside of the conservation spotlight — like bats.

In 2016, there was a wide gap in knowledge regarding the Florida bonneted bat's basic biology and habitat foraging requirements. This lack of information presented a substantial barrier to a well-informed



Photo courtesy of Robin Fiore

Carol & Robin Fiore

hat does it feel like to be a bat in a bird's world? A five-year-old inquisitive

**NDIVIDUALS** 

kid with a speech impediment had some ideas. When Robin's great aunt Marjorie gave her the book Stella Luna at the age of 5, it was quickly followed by a BCI membership. Robin wanted to learn more about her new favorite misunderstood mammal that she related to so much. This paper-to-person relationship sparked and continued to foster Robin's curiosity about bats and her passion for educating others. Growing up, she would talk about bats at the dinner table and constantly relay facts about them. It's these facts that changed her own family's perception of bats and led her mother, Carol Fiore, to include a bat character in one of her young adult books, *The Skye Van Bloem Trilogy*, and even donate the royalties from her books to BCI. She also has named BCI as a beneficiary in her will. Robin continues to impact others' perceptions of wildlife in her daily professional life as a conservation educator at Disney's Wildlife Kingdom. When not teaching kids about conservation, she's pursuing a doctorate in Human and Wildlife Conflict from the University of Exeter. We are happy to have her as a member for 20+ years and wish her luck in all of her conservation endeavors.

#### MEET THE 2020 TEAM **BOARD OF DIRECTORS** Charles Chester, Ph.D./ Chair Andy Sansom, Ph.D. / Vice Chair Danielle Gustafson / Treasurer Eileen Arbues / Secretary Brock Fenton, Ph.D. George 'Timo' Hixon Donald R. Kendall, Jr. Maria Mathis Alexander R. (Sandy) Read Nancy Simmons, Ph.D. Jenn Stephens SCIENCE ADVISORY COMMITTEE Luis F. Aguirre, Ph.D. Sara Bumrungsri, Ph.D. Liliana Davalos, Ph.D. Tigga Kingston, Ph.D. Gary McCracken, Ph.D. Stuart Parsons, Ph.D. Paul Racey, Ph.D. Danilo Russo, Ph.D. Nancy Simmons, Ph.D. Paul Webala, Ph.D. SENIOR LEADERSHIP Mike Daulton / Executive Director Mylea Bayless / Chief of Strategic Partnerships Winifred Frick, Ph.D. / Chief Scientist Bobbie Jo Kelso / Chief Development & Communications Officer Michael Nakamoto / Chief Operations Officer Kevin Pierson / Chief Conservation Officer



