



An orphaned red bat peers out from the tree where she has just been released. Tree bats are often released into a tree during the day so they can acclimate themselves to the temperature and surroundings before flying off at nightfall.

Printed on 20% recycled paper certified by the Sustainable Forestry Initiative, using 100% vegetable based ink.

NOTE: The articles in this magazine are written by the same humans who also care for the bats. Although we try very hard, a few typos always seem to slip through. Please bear with us and overlook any mistakes.

The content in this publication was created by trained, vaccinated bat care professionals in possession of all appropriate licenses or permits. No statement or photo contained in this magazine should be construed as permission or recommendation to handle bats.

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**PRINTED ANNUALLY.** Want more updates than an annual printing? Sign up to receive Night Flight News emails at batworld.org



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Bat World is published annually by Bat World Sanctuary, a 501c3 non-profit organization. Donations allow Bat World to

continue its mission of rescue and conservation. To obtain more information about bats and how they make our world a better place please visit batworld.org.

To inquire about local rescue, make a donation, sponsor a bat, purchase merchandise or sign up for emails, please contact us at:

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# 2021 Year End Letter

This year we have made wonderful strides in securing Bat World Sanctuary's future. Having a dedicated staff committed to the mission of Bat World is paramount and we are thrilled to report that our staff has expanded (see page 42). We have individuals onboard who possess both animal and non-profit integrity and have a single-minded loyalty to the bats and Bat World Sanctuary; individuals who are not afraid of self-sacrifice, and who will propel our organization forward and allow it to flourish.

On that same note, we were able to build an additional staff house this year thanks to the extraordinary bequest that Bat World Sanctuary received last year from Diana Lee Coles. Funds were also invested from this bequest, and the dividends received from these investments are helping to supplement payroll for our new staff. Bat World Sanctuary's 13 acres is paid in full, leaving the organization in a very secure place. With over 400 animals in our care, it is critical that we have on-site staff in the event of emergencies such as a flood or fire. The animals will always have their needs met regardless of severe weather such as icy roads, which would hamper the ability to drive to the sanctuary to give the animals critical daily care. Providing on-site housing to our staff also decreases the need for higher salaries, which in turn lowers our administrative expenses.

While reading our staff page, you will notice that some of our employees are also Board Officers. Non-profits are expected to operate without conflicts of interest to protect an organization and that typically means that their Board is not part of the staff. However, too often, we have seen other animal welfare organizations wherein their Board made a decision that had severe negative consequences on the running of that organization, primarily because the Board was unfamiliar with the day-to-day practices that kept things running smoothly. Sadly, this always has a significant impact on the animals in care. Because some of our Board are also staff members, they have key insight and a vested interest to keep Bat World Sanctuary running like a well-oiled machine. Additionally, any emergency decision that needs to be made can be addressed by holding a Board meeting without delay. We trust that our transparency gives you the assurance that when you donate, you are supporting a nonprofit organization that truly values your support and will always use your contributions wisely.

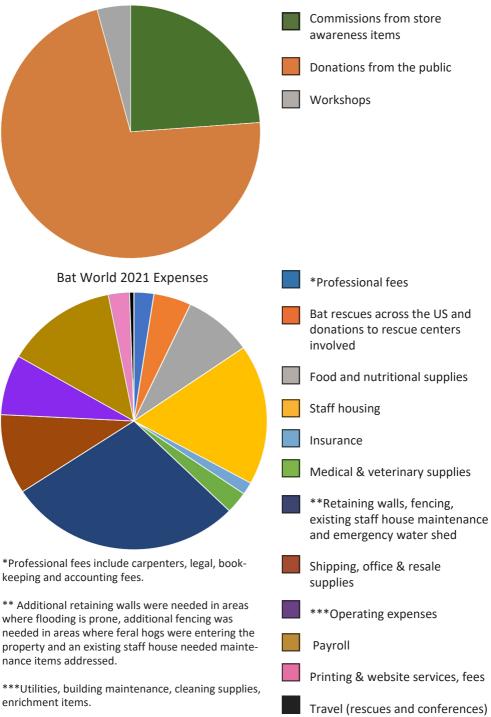
We hope you enjoy reading about the deserving bats that we saved so far this year. We know your donations come from your heart and we greatly appreciate your sacrifice to make certain we can alleviate the pain of the injured, meet the needs of the tiny orphans and provide for the long-term care of the displaced, unwanted and elderly bats. Your support allows for the health, welfare, maintenance and protection of bats across the globe and we never lose sight of that fact.

Thank you, Dear Champions of Bat World, for your incredible support.

Amanda Lollar
Founder and President

# 2021 Financial Accounting

### Bat World 2021 Income



## **Breakdown of Income & Expenses**

**Total income** 

Income		Expenses	
Donations from the public	\$371,277.81	*Professional fees	\$16,190.90
Commissions from Store awareness items	\$122,825.97	Bat rescues from across the US and donations to rescue centers involved	\$30,564.90
Workshops	\$21,427.91	Food & nutritional supplements	\$56,158.34
		Staff housing	\$118,287.41
		Insurance	\$10,359.19
		Medical & veterinary	\$18,340.51
		**Retaining walls, fencing, staff house repairs and water shed	\$190,612.54
		***Operating expenses	\$50,677.50
		****Shipping, office & resale	\$61,207.07
		Payroll	\$90,771.30
		Printing & website services	\$17,164.02
		Professional fees	\$30,072.00
		Travel expenses	\$3,561.67

**SPECIAL NOTES:** Expenses for the staff housing and improvements to the existing staff house were accomplished with the extraordinary bequest left to Bat World Sanctuary by Diana Lee Coles (see page 42). Other improvements such as retaining walls, fencing and the emergency water shed are **one-time expenses** that will greatly benefit the facility for years to come. Grants and donations from the public continue to support our rescue operations each year.

\*Total expenses

\$515,531.69

This accounting reflects 2021 through the third quarter; it does not reflect the entire year. Please see "Annual Reports" at batworld.org to view year-end IRS 990s.

\$669,955.80

<sup>\*\*\*\*</sup>Shipping, office, items for resale and program expenses include ink, t-shirts, educational materials, shipping expenses and items needed to create our Adopt-a-Bat sponsorship packages.

# 2021 Rescues

Your contributions enabled us to save 761 orphaned, injured and displaced bats in the U.S. and internationally. Although some of these bats were not releasable, over 600 bats now fly free because you bought their food, medicine, and housing, and you provided resources critical to our rescue efforts. The bats featured in this section represent a few of the lives saved through your support. For a complete list please visit batworld.org/rescue-log.



Two young big brown bats ended up trapped inside a room in Jefferson City, MO. One of the bats ended up inside a giant tea cup planter where he would have died if it weren't for the fact that he was found by Amanda Lollar's husband, Larry Crittenden. Larry had just made the trip from TX to MO to help his dad, and while there he went into a rarely used upstairs room and discovered the bats. If he had not gone when he did those bats would have not have been found in time to save. A rescuer we trained was in a nearby town so Larry drove the bats to her for rehabilitation. We later received the update below.

Hi Amanda, the nicest man brought me 2 bats from his father's home in Jefferson city. I didn't initially recognize him but learned he is your husband. I met him the last time I was at Bat World, but I am the worst with names etc. It was really nice to see him. The bats are doing well, the older one a bit better than the just weaned one but both are good.



Little Rilla, a Mexican freetail bat, somehow landed in a bowl of water in a kitchen sink after a homeowner left her door open to get some fresh air one night. The homeowner quickly scooped Rilla out of the water, bundled her up in a soft cloth, and contacted Bat World MidCities for help. Rilla was not injured but was monitored for a few days to make sure she

didn't develop pneumonia. Thankfully she didn't, so she was released back to the wild to eat flying termites, moths, corn borer moths and a host of other insects pests.



This eastern red bat was found during a rainy spell just outside a library. He was picked up by Animal Control, who then contacted us for help. Thankfully he was uninjured. He received a few days of rest and hand-fed meals while waiting for the weather to clear. Once the skies were welcoming, he was back out flying and feasting on tasty bugs.

## ARCTIC BLAST RESCUES

In February, we experienced the most ferocious winter storm that has ever hit the entirety of Texas in its known history. The arctic blast froze natural gas supplies, stopped wind turbines from spinning and caused main city pipes to burst; 14 in our small town alone. Millions of Texas residents and businesses were without electricity for days on end. Food supplies dwindled because semi-trucks could not travel the icy roads to restock grocery stores. Animals forced to stay outside with no protection, froze to death. Bat World Sanctuary, however, did not lose one animal.

All of our staff live on site, on Bat World Sanctuary's land, for reasons just like this. We are ready and able to handle nearly any disaster that may arise. Two days before the devastating temperature drop, we purchased enough food for all of the sanctuary animals for more than two weeks. We made sure our generator was running smoothly and was well supplied with enough fuel. We closed access to the semi-outdoor flight area for the fruit bats and moved our rescued goats inside so they could be under the same warm roof with our rescued dogs.

A few days after the storm hit, reports of animals freezing to death began to come in. We were hoping that bats would be spared, but sadly that was not the case. Because free-tailed bats begin migrating back to Texas from Mexico around mid-February, many had already arrived.

As the temperatures warmed, frozen bats began dropping to the ground across Texas. Bats under bridges, in particular, were hard hit. Bat rescuers scrambled to check each tiny body for signs of life. Thankfully, some were still able to be saved.



While Mexican free-tailed bats were impacted by the snow and cold the worst of any species, many tree bat species such as red bats and yellow bats either froze or were injured when the trees in which they were roosting were damaged by the storm.

Bat World Sanctuary and our trained volunteers rescued 216 of these bats. Over a dozen were plucked from the icy waters of the Brazos river, where they were clinging to the lifeless bodies of their roostmates in an attempt to stay above water. Many were critically thin, had pneumonia or had suffered frostbite.



A few of the 50,000 Mexican free-tailed bats roosting under bridges who lost their lives during the arctic blast.





Left and above: An emaciated free-tailed bat who survived the arctic blast. Below: The same bat receiving liquid hydrolyzed protein which is proven to help weak and emaciated bats survive.





We received bats from hundreds of miles away in Texas, including Sugar Land and Houston, TX. Sugar Land Animal Services spent countless hours gently warming and hydrating survivors, removing mud and debris from their fur, and providing emergency food while transport was arranged. They collected nearly 800 bats, and even though they did everything they could to help these bats, many were so near death that only 21 survivors made it to us for treatment.

We weren't the only ones helping bats and other wildlife in Texas. Individual wildlife rehabilitators and rescue groups were actively trying to save bats by the hundreds, including the Austin Bat Refuge and Southern Wildlife Rehab in San Antonio.

When we received the names of those who were helping, we overnighted emergency supplies including bat transport carriers, roosting pouches and hydrolyzed protein which significantly aids in recovery during emergencies.

According to Texas Parks and Wildlife, over 50,000 Mexican free-tailed bats lost their lives during the arctic blast. Other species that were lost include evening bats, yellow bats, hoary bats, red bats, tri-colored bats and Myotis species.

After many weeks in care, over 192 of the 216 bats received by Bat World Sanctuary volunteers and rescue centers were able to be released back to the wild, including those pictured here.







Roxy was found grounded and completely emaciated by a homeowner mowing. Roxy was not very good at being a bat because she couldn't catch enough insects to sustain herself after being weaned. She will spend the winter with us learning how to be a proper bat, and once she has that down she will be released. If she never learns, she can live out her life here at Bat World Sanctuary.



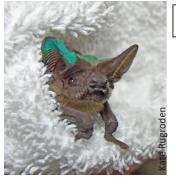


This beautiful hoary bat, Phoebe, was first spotted on the ground at University Park in Texas. Three days later a homeowner living next to the park spotted her in their yard and noticed she was on her back. The homeowner placed a bucket over her and contacted Animal Control, who then called Bat World MidCities for help.

On arrival, it was clear that Phoebe had been seriously injured, either from the severe weather that had been moving through the area or by a blue jay (possibly both), resulting in a badly broken wing. She received pain medication, antibiotics, an injection of warmed electrolytes, and her injury was treated. Unfortunately, her flying days are over, but she will still live a happy life at Bat World MidCities with other bats of her kind.



Little Chuey came to us after he was found under a row of shopping carts at a nearby Walmart store. He was severely injured on his chest, he had somehow lost an eye and was in a lot of pain. It appeared that he had been chewed on by a predator and had somehow escaped. The loss of an eye may prevent his release, only time will tell. In the meantime we will keep him safe and assess his flight ability on a regular basis. If need be, he will receive lifetime care with others of his kind at Bat World Sanctuary.



Wallace, the Mexican free-tail bat, was found grounded at a Walmart store. He somehow ended up with severe bruising on both wings and both sides of his body, along with a compound fracture of one wing. Fortunately, a compassionate person found him, scooped him up to safety and then contacted Bat World MidCities for help. Wallace is not releasable due to his injuries so he will receive lifetime sanctuary.



This free-tailed bat was spotted by a young boy who saw him hopping across a McDonalds parking lot. The bat ended up under someone's tire in the drive-thru just as that person was ready to drive forward! The fast-thinking boy ran to the car and stopped little McFlaps from being squashed, then he and his mom gathered him up and brought McFlaps to Bat World.

Little McFlaps has wing wasting disease, a condition which causes the membrane to disintegrate. He will be fine with antibiotics and supportive care, although it will take several weeks to heal. In the meantime McFlaps is happy roosting with other bats of his same species. Next spring, after he is healed and the weather is warm, his flight ability will be tested and if he passes, he will be set free to go out and eat McBugs.



Top: McFlaps on the day he arrived. Bottom and on the right: McFlaps with our colony of non-releasable free-tailed bats at Bat World Sanctuary.



Finley is a juvenile red bat who came in after being caught on a fishing lure. Bats being caught in fishing lines, hooks and lures is not uncommon because they like to forage for insects over bodies of water. When flying low over lakes and streams, bats are easy targets for anyone casting a line. Sadly, Finley's right wing was damaged and three of his fingers were broken beyond repair so he is not releasable. Instead, he will receive lifetime care with Bat World Sanctuary.

This tiny tri-colored bat was mistaken for a wasp nest and knocked out from under the eave of a home. The petrified homeowner called after realizing she had struck down a bat instead of wasps. When we arrived, tiny "Pip" was still laying on the ground, stunned but thankfully uninjured. The owner of the home was so

terrified of bats that she hid inside her doorway while we collected Pip. We took the opportunity to educate the homeowner and left reading materials on the importance of bats. A few days later the homeowner called us back asking how Pip was doing and requested that we please bring him back to release at her home when he was ready.





Paul, a Mexican free-tailed bat, was found in a parking lot with a severe injury to his back. We have no idea how he became so injured but thankfully we were able to close the wound with skin adhesive. He received both oral and injectable antibiotics and after only a week in care he was completely healed and ready to be released.

Little Mullet, a free-tailed bat, was trapped in a beauty college and became thin and dehydrated in the process. Thankfully, his tiny form (see arrow) was noticed by a student, who then called us. After some emergency fluids, a couple of drops of hydrolyzed protein, a nice evening meal and a night of rest, he was ready to leave. Mullet was released, along with Paul, above, into our bat castle, a protected habitat built for wild bats where bats are free to leave at will.



WATCH VIDEO





Jason the evening bat was minding his business, hunting and flying to his hearts content, when a strong wind storm blew through the area and ruined his night. Little Jason ended up stuck on the back porch of a house, and tucked himself low against a wall to wait out the storm. The kind homeowner spotted Jason and tucked him into a small shoebox, complete with a plush blanket and water, and then called us. After reviewing photos of Jason, we talked the finder through a release method, as he seemed healthy and ready to go. Nightfall came and the kind woman followed our instructions on how to provide a safe release. However, Jason appeared to find his box too cushy to leave and declined to fly away. Early the next morning a Bat World staff member headed out to collect him. Jason was given a quick check up, which he passed with flying colors. He also received an injection of electrolytes and a nice breakfast. Before check out-time came, Jason was treated to dinner and some practice flying sessions to ensure he was ready to go. Finally, after receiving a soft blanket, spring water, breakfast and dinner, Jason was ready to return to the open sky. He took off into the night as soon as we opened his carrier, and hopefully left us a 5-star review.



Ella, an evening bat who decided to roost in the folds of a patio umbrella, unfortunately chose to settle on one of the hinges. When the homeowner opened the umbrella Ella was caught in the mechanism. Fortunately, the homeowner loves bats and called Bat World MidCities for help right away. On arrival, it was discovered that Ella had a broken leg. She received pain medication and antibiotics and within a few hours

began to feel much better. She will not be ready to assess for release until spring, given her injured leg, so she will spend the winter with us.

Evening bats are notorious for roosting in the folds of patio umbrellas. Every year we receive dozens of calls about these bats being startled and flying out when the umbrella is suddenly opened. We often encourage homeowners to leave the umbrella closed if possible, and many people happily comply. Some have even chosen to purchase a second umbrella for themselves while leaving the folded umbrella in place for "their" bat.

Little Pickle, a Mexican free-tailed bat, was found in a large trash bin at a local Chili's restaurant over a weekend. She was spotted frantically trying to get out by climbing on the slick sides of the bin but she couldn't get a grip. A caring Chili's manager scooped up little "Pickle" with a cloth and called us.

When the bat arrived, she was covered in pickle juice and exhausted. After



emergency fluids and rest she was strong enough to be gently bathed, and she finally smelled like a proper bat (oddly enough, freetails smell like corn tortillas as their main diet is corn-borer moths). The "pickle" she found herself in caused her to miss the migration bus so she will instead spend the winter with us, living with other rescued free-tailed bats. When spring arrives she will be released to catch those tasty corn-borer moths and other insect pests.

Flo, an evening bat, was spotted by a good Samaritan when she was struggling to climb up on top of a chunk of ice that was floating in a creek after an arctic blast hit Texas in February. Evening bats like to forage over bodies of water, so Flo was likely caught off-guard when the storm suddenly hit. Fortunately for Flo, she was not injured. Over the next week she was monitored for



pneumonia and thankfully remained healthy. When the weather warmed in the spring she was released to go eat delicious gnats, moths, flies and cucumber beetles over the warmer lakes and streams.

Pepper the big brown bat, was spotted being attacked by a crow in the Texas panhandle. The homeowner was able to chase the bird away and scoop Pepper up into a box. Seeing the bat was severely injured, she called us for help. Thankfully, the homeowner's husband was on his way to Dallas, so he made the 5-hour trip, meeting a Bat World Sanctuary volunteer along the way to transport Pepper to Bat World MidCities. Pepper was found to have a badly injured eye, tears to her wing membranes and a broken finger. Pepper's flight abilities have been impacted due to her broken wing-finger so she will be given lifetime sanctuary at Bat World MidCities, where she will always be protected and safe.



## SAVED FROM CRUELTY

In September, we received four Egyptian fruit bats from a cruelty seizure in Norman, OK involving 354 malnourished and starving animals. Included were 18 different species. Among these were 4 bats, 17 lemurs, 12 camels, 5 kangaroos and an assortment of birds, reptiles, cattle, horses and other domestic animals. A lack of state and federal regulations for wild animals enabled the property owners to possess so many exotic species.



Above: A small outbuilding that housed reptiles in tiny filthy cages. The large mounds seen in the center of the photo are actually giant tortoises who are covered in feces and filth.

According to the Humane Society of the United States, Oklahoma is ranked as one of the worst states on the keeping of wild and exotic animals. There is simply no state regulatory authority in place. However, the United States Department of Agriculture is responsible for licensing and overseeing exotic animals who are exhibited, such as in a zoo, but their authority does not extend to animals owned simply as pets or for personal use.



Above: A thin horse with severely overgrown hooves, one of several on the property.

Although we received no photos of the enclosure the bats were kept in at the site, it was described as a small 4' x 2' cage that was caked with guano and filth. The cage was kept inside an outbuilding, with no sunlight or ventilation. Photos of the other animals were posted online and include those shown here.

Animal cruelty charges (18 in total, one charge for each species) was made against Dr. Aaron Stachmus, DVM, and Bryson Anglin, owners of the animals and the property. Also charged was 37-year-old Mark Parker, the man they hired to take care of the animals.



Above: One of a dozen emaciated camels who were deprived of food, water, shelter and veterinary care.

All of the animals from the seizure were sent to various sanctuaries and rescue centers and are now living the life they should have always been given. When the bats arrived at BWS, the trauma they had endured was obvious. They were more fearful than any other fruit bats we have rescued in nearly three decades. It is times like these that both anger at their mistreatment and wanting to give them all the care and attention they deserve, collide in a mix of emotions. Pictured on the right are two of the bats after just arriving at Bat World Sanctuary, and then later being released into our large indooroutdoor flight enclosure to join their forever family. These bats are now happy and healthy and will never again know abuse or neglect.









What a difference a day makes. Little Arid was found trapped in a warehouse and was near death when found. She was in such bad shape that we weren't sure she could be saved. A vast amount of injectable fluids and a few drops of hydrolyzed protein given throughout the night gave her the strength she needed to pull through. In the "after" photo her ear is marked green to let caregivers know that she needed supplemental feeding twice a day. Arid made a full recovery, and after a few days of rest and nutritious food she was set free.

Evie, a sweet little evening bat, had just been weaned and was learning to make it on her own in the world when she was found grounded and starving. The finder scooped Evie into a box and brought her to Bat World Sanctuary. Thankfully, she was uninjured and simply having a hard time making it in the wild. Evie is very smart and soon learned to eat from a dish. In no time at all she put on much-needed weight, however, her flight ability is sorely lacking so she will receive lifetime sanctuary with us.





According to his injuries, Hawkins, a Mexican free-tailed bat, appeared to have escaped an attack by a hawk or an owl. He arrived at Bat World MidCities at about 11:30pm, and his wounds were assessed. He has a severe injury to his entire left side and leg. He faces a long recovery, and will continue to receive pain medication and antibiotics for as long as necessary. We are hopeful that he will heal completely and be ready to fly again soon!

Mason, a Mexican free-tailed bat, somehow became trapped in an empty mason jar inside a garage. The garage door had been opened one evening while the homeowner was working on his car so Mason may have flown in during that time. Two days after working on his car, the homeowner went back into the garage and noticed movement inside a jar on a storage shelf. Looking closer, he was shocked to see a small bat trapped inside. He was weakly trying to escape but was unable to grip the slick sides of the glass in order to climb out. The bat was driven to us right away. After emergency fluids and a few days of rest and nutritious food, Mason was strong enough to be set free.





Sweet Catnip, an eastern red bat, arrived at Bat World MidCities after having been caught and "played with" by a cat. She ended up with a number of injuries including bruising to her face and ears and deep scratches on her neck and chest. On arrival. she received an injection of warmed electrolytes, followed by pain medication, antibiotics and a vitamin B

complex supplement with iron to help address the anemia that resulted from blood loss. She was weak and her prognosis was questionable. Thankfully, she gradually improved with medication and daily wound care along with small, frequent feedings of a critical care diet for debilitated patients. As her condition improved even more, she was transitioned to soft food, and then to whole mealworms. It took over three months of care before catnip was well enough to be returned to the night skies and hunt for delicious insects.

Please help us protect bats and other wildlife by protecting your pets. If you

have cats, please don't let them wander outside. If they simply must be out of the house. consider an enclosed "catio" where they can enjoy the sunshine without risk of being hit by cars, and without hunting wildlife. There are many fantastic ideas for catios in Google images and many look like great fun for cats. And of course, please always keep your pets current on their vaccinations!





This poor hairy blob of a Mexican free-tailed bat was found under an office cabinet by someone cleaning the building. Apparently there were several dust bunnies underneath desks and cabinets and he became tangled up in a few of them. He was critically dehydrated when found and appeared to have given up. However, after a large amount of injectable emergency fluids and a few drops of hydrolyzed protein, he began to feel like living again. After Dust Bunny received a week of supportive care and rest he was able to be returned to the wild.







This summer we rescued over 150 red bat mothers and pups. Thankfully, 35 of the small families were intact and able to be placed safely back into trees. However, over 100 pups were orphaned and subsequently needed to be hand-raised.

Tree bats are among

the few bat species that give birth to more than one live young. Despite their coloring, which helps them to blend in and appear as dried leaves in trees, they are often spotted by birds. Mothers trying to escape bird attacks may drop their babies while flying away or they may end up on the ground due to the weight of their pups. Once these mothers are grounded, they often refuse to leave their babies even if it means not surviving.

Orphaned red bats are fed a milk formula made specifically for tree bats, four to five times per day for six to eight weeks. After that they are trained to eat live mealworms. At eight and ten weeks of age, they are allowed to fly in a large flight enclosure to hone their flight skills before being released to the wild to eat flies, moths, beetles, plant hoppers and other insect pests.

**WATCH VIDEO** 





Upper left: An orphaned bat pup being fed milk formula from a dropper. Tree bat orphans have to be held in a way that does not allow their fur to become soiled as skin infections can easily develop. Middle left: The same pup with a cute milk beard. Upper right: A row of red bat orphans in care. Bottom right: A mom with three pups who were all found grounded and rescued. The pups are clinging to the underside of mom and blend in almost perfectly with her fur.

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This tiny free-tail (above) was one of a dozen orphaned and juvenile free-tails rescued over the summer. Free-tail bat mothers set up nursery colonies in the attics of vacant buildings in nearby Mineral Wells, Texas. One such building was under renovation and needed a new roof. The building owner called us when he found a once-excluded bat colony had moved back in and set up a nursery. We went to check the colony and rescued several orphaned bats while there, and worked with the building owner to delay installing a new roof until the pups were old enough to fly.



Top: An orphan who has just been fed. Bottom: A free-tail pup nursing milk formula from a foam tip.

Baby bats become orphaned from the mother not returning to the roost for various reasons, including being injured in a storm or becoming the victim of an owl or hawk, or even a human. Motherless pups will appear emaciated with concave stomachs. They

wander off in search of their mom, making it easier to spot them.



WATCH VIDEO





Left: Rescuing an orphaned free-tail from a rafter in a vacant building. Above: the emaciated pup who was found on the rafter. Below: The same pup before, during, and after being hydrated and fed.



Small foam tips are used to feed freetail orphans because nursing is much easier than lapping for this species. It is also more nurturing for the pups as the foam tips acts as pacifiers. Free-tail orphans often hold them in their mouths after eating and then fall asleep, discarding the tip after they awaken.

Unlike most insect-eating bats, Mexican free-tailed bats have an actual tail. They do not hibernate, but instead migrate to Mexico during winter and return to the U.S. in spring. They travel at speeds of up to 100mph and have been known to migrate as far as 1,500 miles, each way.

Free-tails are highly intelligent. They have a complicated social structure that includes over 25 different vocalizations. Some of these sounds include chittering to denote affection, irritation buzzes, loud angry peeps, playful chirps and even a courting song. All of these vocalizations were discovered at Bat World Sanctuary in 1994.

The pups we rescued were raised to adulthood and released. In the wild they will eat up to 5,000 insects nightly, including flying ants, beetles, moths, true bugs, mosquitoes and the corn earworm moth, one of North America's most costly crop pests. Free -tails have a lifespan of 15 to 20 years.



Nitto, an emaciated 4-week old orphaned free-tailed bat, was not old enough to fly but somehow managed to find his way to a tire store looking for mom. Thankfully the tire store called us and we rescued little Nitto right away. After a few weeks in care with other orphaned free-tails, he was released to the wild to rejoin his colony.





Andre' the tri-colored bat had plenty to chirp about after finding himself in a bluebird house in Arlington, TX. There were no bluebirds in the house, but there were plenty of blue jays in the area, which no doubt drove Andre' to take such desperate measures. Fortunately, Andre' is none the worse for his harrowing experience other than being a bit dehydrated and suffering the indignity of having a bird tick on his ear. (The tick was removed.)

Tri-colored bats are incredibly small and weigh about 4 grams (less than a quarter). In the wild they eat moths, beetles, mosquitoes, midges, bugs, ants and other insects. Their affinity for grain moths and beetles give them important agricultural value. These bats typically start foraging for insects in the early evening and are often mistaken for large butterflies in flight.

PLEASE NOTE: We are trained and vaccinated to handle bats so we sometimes use bare hands in our photos as it allows better tactile sensitivity and control. However, if you find a bat please remember to use gloves or a towel as the bat will be frightened and may bite in self-defense. Please contact us if you find a bat, we have rescuers around the world and will do our best to help.





Wicket, the evening bat, found herself in a sticky situation when she accidentally landed on a glue trap. She was rescued by Bat World MidCities and underwent an intensive cleaning session to remove all of the adhesive from her head and wings.

After all the glue was off, she had two baths in Dawn dish soap, with a blow dry and comb out after each bath. Between baths, Wicket received an injection of warmed electrolytes and a small meal for energy.





There just is no nice way to describe death by glue trap. They are barbaric, cruel and inhumane and cause horrible pain to innocent animals. Wicket is fortunate that she did not sustain any more significant injuries and was able to be released after weeks in care, but many other animals, including bats, birds, mice, toads, geckos and even snakes, are not so lucky. **Please, do not ever use glue traps!** 

Top left: Wicket after she has been removed from a glue trap. Cotton swabs soaked in vegetable oil were used to free her from the trap and then remove the glue covering her eyes, face and body. Bottom left: Wicket after her 2nd bath. Above: Wicket, taken a week after her ordeal, showing the trauma still visible in her expression.

# **Rescuing in Other Areas**

In 2021 we helped individuals and bat care professionals in 70 locations worldwide. Using photos and videos, we were able to identify species, share book chapters on bat care and rehabilitation published by Bat World Sanctuary, and offer medical advice to veterinarians, researchers, biologists and wildlife rehabilitators around the world.

This year we provided book chapters on how to treat injured bats and raise orphaned bats to bat rescuers in the following International locations:

Africa, Bolivia, Bulgaria, Canada, Denmark, Germany, Greece, France, Hungary, India, Indonesia, Italy, Japan, Liberia, Mexico, Philippines, Poland, Sri Lanka, Spain, Sweden, Tanzania, Thailand, Trinidad & Tobago, United Kingdom, Vietnam and the Virgin Islands.

In 2021 we also provided help and information to U.S. bat rescuers as well as assisting the public with downed bats and humane bat exclusions in 44 states.

For more details on our rescue work please see our **Rescue Log** at batworld.org where you can view our daily logs that include photographs and videos (when available).

# **Activism in 2021**

- Statler, one of the sanctuary's oldest bats, was featured in a video by The Dodo that went viral. The video reached over 40 Million people and created positive media for bats around the world.
- Sent educational cards and literature, free of charge, to schools and scout troops across the US including Arkansas, Texas, Louisiana, Arizona, Connecticut, California, Utah, North Carolina, Florida and New York.
- When the cost of international shipping went up dramatically, we created a program to cover half of the shipping cost to get rehab supplies to bat rescuers located outside the United States.
- Created free PowerPoint programs and Presenters Guides for educators, titled "Bats and Covid-19" and "Bats—Separating Fact From Fiction". Both are available at batworld.org under Education.
- Participated with the University of Milan investigating the effect of the COVID-19 pandemic on the conservation of bats.
- Created free videos for constructing and maintaining enclosures for both fruit and insectivorous bats for bat care professionals. Both videos are available at batworld.org under Bat Rehabilitation.
- We were alerted to a company who was using foam to seal bats into a roost in Florida, where bats are protected. We involved Florida Fish and Wildlife and the roost was unsealed the same day.
- Worked with journalists in Latin America on vampire bat distribution in Mexico to avoid demonizing the bats in light of misconceptions around bats as disease vectors.
- Shared protocols with Directors of Animal Services across the State of Texas on updating their Standard Operating Procedures (SOPs) pertaining to the safe and humane handling of bats.
- Presented a half-day Introduction to Bat Rehabilitation workshop for the Murci-Semana (Bat Week) 2021, in Mexico, and a zoom program with school children at The American School of Puerto Vallarta.
- Our Director of Special Programs, Kate Rugroden, was appointed to the Texas Parks and Wildlife Rehabilitators Council, an advisory group of rehabilitators for Texas Parks and Wildlife.
- We assisted home and business owners locations on Malaysia and the Island of Roatán, as well as AK, AL, AZ, CA, CO, FL, GA, IL, LA, MD, ME, MI, MO, NC, NE, NM, NY, PA and TX with humane exclusion guidelines.

A frantic call came in one morning regarding the Glorious Cannabis facility in Au Gres, MI. The caller was crying and stated that workers were stabbing bats, killing them with blunt force trauma and sealing them into walls inside their building. She went on to say that bats were cold and unable to fly away and were crying out while being attacked.

We immediately reached out to Michigan DNR, who then sent a local officer over to investigate. The officer arrived while we were still on the phone with the caller. Meanwhile, we learned that Glorious Cannabis management allegedly stated that they had been planning to do this to the bats for some time.

When confronted on their Facebook page, the company responded to messages with "We do not condone this action and are conducting a full investigation." (See images on the right.)

We also reported the company to the Enforcement Section of the Marijuana Regulatory Agency (MRA), who looked into the issue as well as Michigan DNR. While we received no information on any violations the Glorious Cannabis Company received, they have since removed their Facebook page.



### **Positive Press**

BWS was featured in media coverage in the following outlets:

The Associated Press; KNON Radio, Fort Worth; Sueddeutsche Zeitung, Germany; The Cut, NY; Daily Dose of Internet, YouTube; NBC News Australia; Storyful, Ireland; ABC, Philadelphia; MailOnline, UK; Wilderness and Wildlife Podcast; CBS, Tyler TX; GeoBeats; The Dodo; Les Explorateurs, France; South West News Service, Britain and Wild Dallas-Fort Worth; the Global Federation of Animal Sanctuaries and a Kids on Bats podcast.

Upcoming videos that we are currently working on include: a video about bats in collaboration with Wildlife on the Move, release date to be determined, and a film on why fruit bats shouldn't be kept as pets.

# **Bat Rehabilitation Workshops**



Director of Special Projects, Kate Rugroden, teaching a two-day workshop on the rehabilitation of insectivorous bats in Bakersfield, CA. Other workshops were held in both Weatherford and Dallas, TX as well as Madison, WI.

Despite the challenges presented by the COVID-19 pandemic, 2021 has been a very busy year at Bat World Sanctuary. Leveraging online resources, our professional development course catalog has increased from six courses to 17, with additional courses in progress for 2022. Many of our courses are available for both in-person and remote learning, expanding our reach across the globe.

In addition to expanding workshops, we launched a sister website dedicated to maintaining a catalog of our courses and simplifying the course registration process.



During the year, we educated 68 new bat rehabilitators in Texas, California, and Wisconsin through our 2-day intensive bat rehabilitation workshops, and over 200 individuals attended virtual courses.

Participants joined our online sessions from the US, Canada, Ireland, England, Bulgaria, Brazil, South Africa, Australia, and New Zealand. In addition, we launched a "Friday Night Bat Chat" program, with quarterly Zoom discussion groups for bat rehabilitators around the world.

A custom course, 'Bat Basics for California Animal Care and Control', was approved by CalAnimals for California Animal Control officers continuing education, and 85 officers have attended to date. Additionally, we developed a custom curriculum for Washington State, expanding their training offerings for wildlife rehabilitation permit applicants with a library of virtual courses covering essential topics.

Kate Rugroden was appointed to the Texas Parks and Wildlife Department's Wildlife Rehabilitators' Council, an advisory group working with the state to address proposed regulatory changes and approve courses for initial permit qualification and permitted rehabilitator continuing education. Our one-day bat rehabilitation workshop, 2-day orphan care class, and half-day virtual introduction to wildlife rehabilitation courses have been approved for qualification for initial wildlife rehabilitation permit applicants in Texas.

Kate was also invited to present workshops at the Alabama Gulf Coast Wildlife Rehabilitators' virtual conference, the Heroes4Wildlife virtual conference, and Murci-Semana (Bat Week) 2021, in addition to speaking at the Texas Animal Control Association conference in San Marcos, TX.

This year we have developed 12 virtual training courses for wildlife rehabilitators and have taught over 200 rehabilitators in various virtual courses. A proposed wildlife rehabilitation curriculum for Washington State has also been created and accepted.

Our involvement in efforts to protect bats affected by White Nose Syndrome continues. Kate remains chair of the Stakeholder Committee for the White Nose Syndrome.

# 2021 Peekaboo Rescue Fund Recipient

Each year we strive to help another organization that is saving bats. We do this by providing funds for critical projects that are near impossible for that organization to raise alone. This year we are proud to help Protect Paradise, the first-of-its-kind organization that was recently formed in the Seychelles Islands. The funding we provided will help with construction of a flight enclosure, a website, and other vital needs. Protect Paradise is dedicated to the conservation and protection of all Seychelles Wildlife with a focus on orphaned and injured flying

foxes, who sadly, are considered a delicacy on the island. This has devastating consequences to bat populations, not to mention an extremely cruel and painful death. In Seychelles, it is quite common for bats to be viewed as pests as their role in nature is not understood. Protect Paradise not only rescues orphaned and injured bats, they are working on an education and awareness campaign and lobbying the government to put restrictions on the hunting and consumption of threatened wildlife.



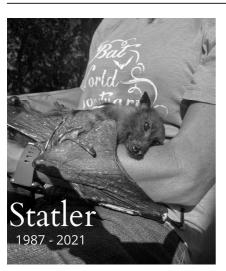


### **Goodbye Chessie and Statler**

On July 3rd, 2021, we lost our beloved Chessie. You may remember her rescue story—she came to us in 2018, at the age of 20. She was neglected and kept in a broom closet, all alone, for many years. Coming to Bat World Sanctuary was a big change for her, but she took it all in stride. Though she was losing her eyesight upon arrival, it didn't take her long to learn our voices and warm up to her caretakers. In many aspects, she had to re-learn how to be a bat, and how to be part of a colony again.



This sweet girl loved being brushed and given back scratches by staff and volunteers. She and roostmate Starlie had become extremely close, and would spend their mornings grooming one another and sharing their favorite food, sweet potato. We are thankful for the time we had to make her life as wonderful as it could possibly be, we just wish it could have been much longer. Our beautiful girl passed in her sleep so we believe her passing was an easy one. Goodbye beautiful Chessie, we will all miss you dearly.



It is with our deepest sorrow that we announce that our sweet Statler has passed away at the age of 34 years old.

Statler was the bat that took over the internet, the world, and most importantly... our hearts. Many of you are no stranger to Statler boy and his story. The Dodo created a breathtaking video on Statler in January of 2021 that went viral. Images and videos of his adorable face spread across the globe reaching over 40 Million people worldwide. Statler changed the hearts and minds of people all over the world, and we could never thank him enough for that. We are

thankful to have the time we did with Statler, and are so glad that he got to live out the end of his life in luxury, being spoiled, and fiercely loved.

Statler passed in the arms of his beloved caretaker, Moriah, while napping in the morning sun. He was laid to rest next to roost mate Chessie and old friend Walter on the Sanctuary property. We love you, Statler. Thank you for the years you gave us, and the trust you put in us.

**Projects & Fundraisers** 





This 5,000 gallon water tank was installed in the event another arctic blast occurs like the one Texas experienced this past February. It is a huge relief to know that not only will we have electricity with our back-up generator, we will now have enough water on hand to last 7 to 10 days in the event of another major freeze event. This photo on the left shows the water tank after being installed. The photo on the right shows the work currently being done to enclose the system to protect it from freezing. A very special thank you everyone who donated to make this critical need become a reality.

# NTGD Success!

Our goal for North Texas Giving Day (NTGD) this year was raising \$45,000 for our

annual food budget. Between NTGD, as well as donations through PayPal and Facebook our wonderful supporters raised a whopping \$60,029 - enough to both replenish our food budget for 2022, and help to replenish our emergency fund! As always, thank you so much for your incredible support!





#### COMMUNITY OUTREACH SPOTLIGHT

A big thank you goes to Travis Novak, who chose Bat World Sanctuary as his Millsap, Texas 4-H Community Service Project! Travis gave an educational talk to his 4-H group and collected donations for the bats that included paper towels, apple juice, melons, apples and a host of other assorted fruits. Way to go, Travis!!



Shop at Amazon.com and Bat World Sanctuary gets a percentage donation directly from Amazon!

- 1. Go to smile.amazon.com 2. Select your charity
- 3 SHOP



Please sign up and choose Bat World as your charity at smile.amazon.com! When you shop, we receive a donation from the site at no cost to you! The last check we received from Amazon Smile was over \$5,000, enough to buy almost six-weeks of fruit for the fruit bats!



AmazonSmile

## **Keeping Wild Bats Safe**

Baby season for our North American bats starts in May and ends in early September, depending on the species. Here are a few tips you can use to help save their lives.



THERE IS NO HUMANE WAY TO EXCLUDE A BAT COLONY DURING BABY SEASON. Most bats give birth to just one pup starting in late spring and summer. If you seal out a bat colony or trim down their palm frond home during the spring or summer, baby bats will be left behind to die. If you have an unwanted bat colony in your attic, ensure there's no way they can get into the home's interior, but wait until the end of summer before having the colony excluded. Visit batworld.org for humane ways to evict bats at the proper time of year.



Bats roosting in trees are often attacked by blue jays and crows, ending up grounded in yards where they are often found by people or pets, or worse, hit by lawn mowers. A mother bat will try to protect her babies by spreading her wings over them as seen in the photo on the left. Please check your yard for downed bats before mowing. If you find a bat in need please visit batworld.org to find a rescuer in your area.



At least 12 of our 47 US bat species use dried palm frond "skirts" as natural bat houses. To protect baby bats and birds, don't trim dried fronds in spring or summer. Try to leave some dried fronds year round so bats have a safe place to raise their pups in summer, or to hibernate in winter. In addition, cosmetic trimming of the fronds can make palm trees more susceptible to heat stress and drought, so leaving some fronds helps both the trees AND bats!



Ceiling fans can break tiny arm bones. Please turn any outdoor ceiling fans OFF at night to avoid tragic accidents with bats that may fly under your porch looking for a tasty insect treat.

Please give bats a break by NOT giving them a break! You'll save a little on your electric bill while also saving little lives.



#### GLUE TRAPS ARE INHUMANE!

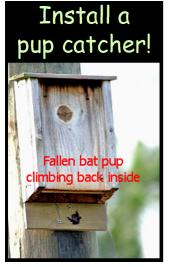
This graphic may be hard to look at, but it is not near as difficult to see as the real thing. Fly and glue traps are horrendous objects of cruelty—they oftentimes catch other small animals such as birds, small reptiles and bats. Most of these trapped animals suffer for days and do not survive the stress, starvation and dehydration that occurs from being stuck on these traps. Glue traps should never be used for mice either, as there are humane alternatives available. If you must use fly strips or glue traps for insects, please cover them with chicken wire or another type of mesh that allows insects in while keeping small, innocent animals out of harms way.

A special thank you to Happy Valley Bats for commissioning this important work by graphic artist Joan Chen.



If you have an outdoor pool please add a "FrogLog" as well as a "critter skimmer". Both of these items can save countless lives every summer. Froglogs are small and compact and simply hang from the pool edge, allowing mice, lizards, turtles, toads, frogs and bats to escape drowning.

(Note: The image on the left has been Photo shopped to serve as an example.)



Every summer we receive dozens of reports of baby bats falling from bat houses. This occurs when pregnant moms move into a bat house, not understanding that the population inside the roost will double when their babies are born. The pups grow quickly so it doesn't take long before the bat house is over-crowded and overheated. Installing a pup catcher is very easy to construct and costs very little. It is a simple net that catches fallen pups and allows them to climb back inside. Pup catchers can even be made to fit inside barns, under the eaves of homes and any other area where babies may be falling. If you have a bat house with bats, or have noticed pups falling from another type of roost, please install a pup catcher right away. See batworld.org for free instructions.

Special thanks to Cindy Myers for the use of her graphics and text!

# **Welcoming New Staff**

We are excited to announce our new staff members, Kasci Toups, Rex Dominguez, Jessica Anderson and Amber Flores. We feel the organization is making a great step forward with these four wonderful new team members. Having a committed staff to propel the organization forward in future years is critical to the survival of Bat World Sanctuary. We believe these ladies are just what the organization needs.



Kasci Toups, Senior Director, attended college for biology with a concentration in animal science. She grew up loving animals and formerly worked with numerous species at her previous job as a zookeeper, with a focus on bats. Kasci has been with Bat World Sanctuary since the beginning of 2021. Her dedication and perseverance for saving animals and the environment serve as an incredible aid to furthering our mission.



Rex Dominguez, Assistant Director, has educated herself on conservation efforts across the world while also volunteering with local rescue groups. She completed her Bachelors of Science in Biology at Texas Tech and is ecstatic to be working with bats, one of her favorite animals. She started out as an impressive volunteer with BWS. When a staff opening presented itself we knew Rex was the perfect fit.



Jessica Anderson, Director of Education, is an alumni of the University of Texas at Arlington where she graduated with honors. Jessica believes that when we learn, understand, and connect with something, we are more likely to care. Jessica also believes you are never too young or old to learn something new, whether you're 8 or 89. Like Rex, Jessica started with BWS as a talented volunteer whom we are excited to have on our team.



Amber Flores, Kitchen Porter, has a passion for animals that began as a child when she rescued stray cats and gave them a home. Amber is a mother of two, a nine year old and a four year old, and lives in Mineral Wells, TX. She enjoys her family's outings involving her kid's sports, as well as their family hikes. Amber is a great asset to BWS in chopping and preparing the 100 to 120 pounds of fruit needed daily for the rescued bats.

### **New Staff Housing**

This year we completed additional staff housing, thanks to the extraordinary bequest to Bat World Sanctuary by Diana Lee Coles. With over 400 animals receiving permanent sanctuary at Bat World, having onsite staff is critical in the event of emergencies such as a flood or fire. In addition to our residence connected to the main facility, we now have three additional staff houses, for our directors, on Bat World's 13 acres. This ensures the animals will have their needs met regardless of severe weather such as icy roads, which would hamper the ability to drive to BWS to give the bats their critical daily care.

### **Batty Word Search**

Use your batty brain to find the words below that include bat behavior, bat species, bats at our sanctuary and the many beneficial things that bats bring to us and do for us.

S	G	N	I	W	N	0	С	Т	U	R	N	Α	L	R
Р	Ι	Р	Т	Α	В	Е	C	Ι	V	Е	R	C	Н	О
Р	0	L	L	Ι	N	Α	Т	Е	S	Н	Т	0	М	S
Υ	N	N	U	В	Т	S	U	D	S	L	D	N	С	Т
Υ	Т	С	Е	Т	0	R	Р	Н	Α	N	О	0	Υ	Α
Т	Α	В	D	Е	R	О	L	0	C	Ι	R	Т	L	Т
N	Ν	R	Е	S	С	U	Е	K	Т	Е	S	Т	F	L
W	R	R	Т	R	Е	Е	В	Α	Т	S	K	I	R	Е
0	Е	Е	Н	Z	С	S	٧	U	R	Χ	Υ	N	Е	R
R	Ι	D	M	Z	L	R	С	0	Μ	U	L	L	Е	Т
В	S	В	Е	Ν	Е	F	I	С	Ι	Α	L	L	Т	Т
G	S	Α	Т	S	Α	Е	I	N	S	Е	C	Т	Α	Е
I	Е	Т	N	G	N	M	С	F	L	Α	Р	S	I	С
В	Н	0	L	U	F	Р	L	Е	Н	R	V	U	L	Н
U	С	R	Α	Ι	Ν	F	0	R	Ε	S	Т	Ε	0	0

BENEFICIAL
BIGBROWN
CHESSIE
CLEAN
CONSERVATION
CREVICEBAT
CUTE
DUSTBUNNY

EARS
ECHO
FLY
FREETAIL
HELPFUL
INSECT
MCFLAPS
MOTHS
MULLET

NITTO NOCTURNAL ORPHAN PIP POLLINATE PROTECT RAINFOREST REDBAT

**RESCUE** 

SAVE SKY STATLER TREEBAT TRICOLOREDBAT WINGS



# Loving Tributes

In Memory of Juliette Ann Chervenak

~ Bat World Sanctuary

In Memory of Muriel "Miki" Jo White, she loved all animals.

~ Sharon Hope Weintraub and Bat World Sanctuary

In Memory of Contessa Noel

~ Anonymous

In Loving Memory of Carol Waters

~ Ron Waters, Suzette Bishop, Margaret and Bill Snead, Debbie Blackwell, Bat World Sanctuary and the Big Chapter Texas Master Naturalists

In Memory of Buzz and Ariel

~ Maria and Charles Johnson

In Memory of Michael MacLean

~ The Bookin' Boomers

In Memory of Peekaboo

~ Richard Schiller

Rest in power, Statler. ♥

~ Christopher Jensen

In Memory of Sweet Statler and Chessie who provided hours of education and entertainment through social media videos.

~ Jennifer Cooper

In Memory of Wonderful Statler

~ Lynn Hochstetter

In Loving Memory of Statler

~ Jessie Fisher, Lindsey Moore

In Honor of Annmarie Throckmorton, M.A.

~ Bat World Sanctuary

In Honor of Nick Larberg

~ Paul Bishop

In Honor of my daughter, Holly, who loves and cares for all our non-human neighbors who share earth with us.

~ Mom

### Letters

Sharing a few of the messages we received in 2021. Receiving notes like these means more to us than we can fully express! We hope you enjoy reading them as well.

often recommend your site and bat-cam to friends who are working on the bat protection, as we have no such splendid organization or bat-cams in my country. They are looking at that in fascination:—) And lalways say them that respect your courage and gentleness to save bats.

-Eriko from Japan

Like · Reply · Message · 4 h

Thank you for such an educational, informative, and entertaining website. Growing up in the 50's we would occasionally have a bat in the house. My mother feared them more than the devil, and they always met a very unfortunate fate. So, I grew up with an intense dislike of the critters. However, your website 'has totally changed my attitude. We now have bat houses in our woods and I truly enjoy each and everyone of your posts. I don't think you would have ever changed my mother's attitude, but you have mine. Thank you!

Love · Reply · Message · 4 h

I can't tell you how thrilled and touched I am in finding there's an origination like yours in this world. When I saw the video of one of your staff holding an old bat so it could simulate flight, I got emotional and shed a tear or two in knowing there are such caring and beautiful people out there who take time to do such things. It really is heartwarming to know there are folks that really care.  $\blacktriangledown$ 

I just saw a story about Statler. I'm a shelter, welfare, and veterinary medicine professional. Thank you so much for what y'all are doing. It's moving.

I'm not religious, but y'all are doing God's work if anyone is.

I just want to thank you for what you're doing. My 8 year old son suddenly told me about fearing bats. I immediately came to this page to show him videos so he can know how wonderful these creatures are and not to fear them. He now wants to come work there when he gets old enough. thank you and hope you have a great day.

I first visited this website to watch the live cams of the bats ,but also found stories and information. The more time I spent on this website, the more I understood you purpose. It soon became clear to me how much of a difference you have made in these bat's lives. It is obvious how much you work to insure not only their comfort but their freedom as well. You have saved so many bats and have given them good lives. I just want to applaud you for your work, you make a difference in this world

I love the fact that your group is guardian to every animal on your land, in addition to the bats. Thank you for all of the hard work that you do.

Your phone people are amazing. I called with my neighbor this morning. She just called again and they are going over everything again. She wants them removed and you are saving these bats.

I was considering the concept of a pet bat but then read your Bats as Pets page. Thanks for setting me straight. Your work impressed me immediately particularly your founder's profound and excellent texts expressing her code of ethics for sanctuary and rehabilitation. Her gorgeously expressed insight that an animal caregiver is indeed a captor, and we must choose just how we take the awesome responsibility, is both necessary and brave. Kudos for that, the day to day workings at your location, as well as your documented work—both speak volumes for your priorities and expertise. What a delight to learn about what you're doing!

# Sponsor a bat in need for \$35!



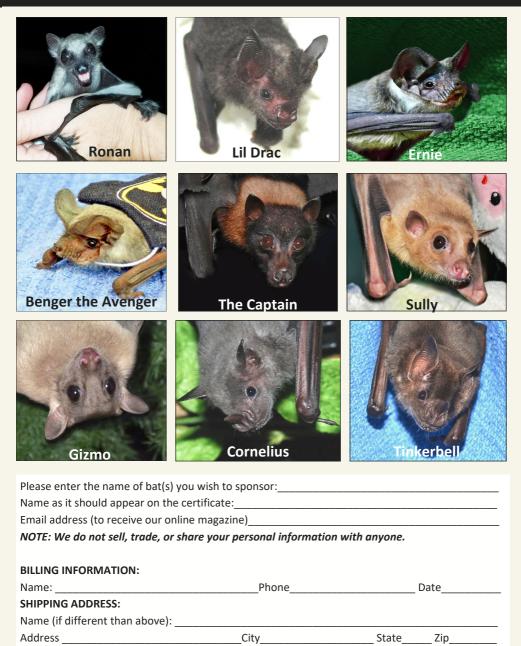
### Your sponsorship package includes:

- An adoption certificate listing the person or group of your choice as the sponsor.
- The personal background of your sponsored bat.
- The natural history of the species.
- Educational cards and a bookmark.
- A matted photograph of your bat, suitable for framing.
- An online subscription to *Night Flight News* (subscribe at batworld.org or email us at orders@batworld.org to be added).
- A personalized message for a gift Adopt-a-Bat. Our optional gift card message reads:
   "This Adopt-a-Bat sponsorship has been made in your name. Your sponsorship package includes our BAT WORLD magazine and an informational card on bat rescue.
   Enclosed you will find a 5" x 7" photo of your adopted bat, who thanks you from the bottom of its little bat toes for the food and medical supplies your gift has provided."









NOTE: If this is a gift Adopt-a-Bat please include any special instructions, such as a special message, on a separate piece of paper.

Total of sponsorship (Please remember to include \$7.00 shipping): \_\_\_\_\_

Credit Card Number: \_\_\_\_\_\_Exp. Date: MO\_\_\_\_\_YR

Check enclosed\_\_\_\_\_ Charge\_\_\_\_\_



Rescue, Sanctuary, Conservation

#### WHY SAVE BATS?

Roughly one of every four mammals on earth is a bat. Consider this: if your day includes soap, toothpaste, cosmetics, coffee, margarine, chewing gum, candles, paper, ink, wood, fuel, rope, twine, rubber, spices, vegetables, fruits, chocolate, margaritas, air fresheners or even life-saving medicines, you are not only involved with bats, you are likely dependant upon bats. Bats are among the most beautiful and beneficial animals on earth. They are clean, gentle and intelligent. Bats are vital for healthy ecosystems and enhance our lives in

many ways. Fruit and nectar bats bring us approximately 450 commercial products and 80 different medicines through seed dispersal and pollination. Up to 98% of all rainforest regrowth comes from seeds that have been spread by fruit bats. Insect-eating bats are literal vacuum cleaners of the night skies, eating millions upon millions of harmful bugs. They protect us by eating insects that destroy crops as well as insects that cause human disease.

Yet for all they do, bats are continually killed due to myths, superstition and fear. The life expectancy of a single bat may exceed 20 years, but slow birth rates limit their population growth. When just 5 bats are needlessly killed, a potential 100 years of animal life is destroyed. Worldwide, almost 60% of bats are either endangered or official candidates for listing, and they desperately need your help.

#### HOW YOU CAN HELP

In a world where so many look away, Bat World Sanctuary is on the front line to end the abuse and destruction of bats. We have been recognized as the world leader in bat rehabilitation for nearly two decades. Each year we rescue thousands of bats that might otherwise die. Lifetime sanctuary is given to non-releasable bats, including those that are orphaned, injured, confiscated from the illegal pet trade and retired from zoos and research facilities. You can help us save bats by educating others about their plight, and by donating to Bat World Sanctuary.

Bat World Sanctuary was founded in 1994 and is a 501c3 non-profit, accredited organization. Donations allow us to continue our rescue efforts for bats.

Bats are now in their 11th hour. We can save them, but we cannot do it without your help. Bat World Sanctuary is not state or federally funded, our funds come from caring people like you. Please join us in our efforts to save bats by making a donation and becoming a member of Bat World today.

BATWORLD.ORG offers free educational materials, videos, kid's games and rescue information. You can even sponsor a bat in need through our Adopt-a-Bat program, learn about bat rehabilitation, view our wish list and watch videos. You can also receive an online membership to Night Flight News, our e-newsletter, by simply making a donation of any size through batworld.org.

