



HackBack

The Newsletter of RAPTOR Inc.

Celebrating 39 Years

HackBack

www.raptorinc.org

Winter 2017

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Mission

Since 1978, RAPTOR Inc. (Regional Association for the Protection and Treatment Of Raptors) has been dedicated to “the rehabilitation and return of raptors to their natural environment, the education of the public on the importance of raptors, and the preservation of their natural habitat”.

Meet Our Veterinarians

by Jackie Bray, Associate Director

As a volunteer organization, RAPTOR Inc. depends on the time, talents, and generosity of many individuals to fulfill our mission. Some of our most dedicated volunteers are our veterinarians. These highly trained professionals provide essential services to our organization at little to no cost! Their services include treating our rehabilitation patients and avian ambassadors, establishing our treatment protocols, providing us with medications and medical supplies, and signing off on our state and federal permits. In upcoming HackBack issues we will feature our awesome attending veterinarians and share some of the amazing contributions they make to our organization and our community at large.



Dr. Robert Dahlhausen

Veterinarian, Husband, Father, Researcher, Author, Editor, Lecturer, Consultant, Academic, Birder, Bee Keeper, Chef, Restaurateur. Dr. Robert Dahlhausen wears many hats and his expertise spans many disciplines.

Dr. Dahlhausen earned a Master of Science degree in Animal and Avian Physiology from The Ohio State University in 1980 and a Doctor of Veterinary Medicine Degree from OSU in 1983. Since that time he has continued to pursue rigorous academic studies and is currently a Ph.D. candidate at OSU. He lectures locally and internationally, and has also served as a veterinary consultant for the US Department of Agriculture and the Animal and Plant Health Inspection Service.

See Dr. Bob, on page 4

Raptor Rapture - Why I Volunteer

By Kat Jenkins, Volunteer

In spring 2012, my mom mentioned to me that Cornell University had mounted a camera on a light pole high above their athletic fields, where a pair of red-tailed hawks was nesting. The camera meant that anyone around the globe could watch as these wild birds (nicknamed “Big Red” and “Ezra”) built a nest, laid their eggs, and raised their chicks. She also pointed me to a video showing the installation of the cameras, installed 80 feet above ground with a bucket lift while the hawks looked on suspiciously. This was impressive to me, since I get dizzy on anything higher than my heels – and while I didn’t know much about red-tailed hawks at the time, I was pretty sure being attacked by one was not a minor event.

I tuned in to watch the hawks, and as soon as I saw the first tiny white fluffball having its first meal, delicately fed from its mother’s razor-sharp beak in tiny, tiny bites, I was utterly and completely hooked.

See Raptor Rapture, on page 6

Mark Your Calendars! Come and Enjoy the RAPTOR Public Appearances!

Sat Mar 4	9:30am-3:30pm	Adams County Amish Bird Symposium	3735 Wheat Ridge Rd., West Union, OH 45693
Sun Mar 26	1pm-4pm	Open House at RAPTOR Inc.	961 Barg Salt Run Rd., Milford, OH 45150
Thu Mar 30	2pm-3pm	Florence Branch Library	7425 US-42, Florence, KY 41042
Sat Apr 22	2pm-3pm	Little Miami Conservancy	209 Railroad Ave., Loveland, OH 45140
Sun Apr 30	1pm-4pm	Open House At Raptor Inc.	961 Barg Salt Run Rd., Milford, OH 45150
Sat May 6	10:30am-1pm	Newtown Feed & Supply	6876 Main St, Newtown, OH 45244
Sat May 20	2pm-3pm	Little Miami Conservancy	209 Railroad Ave., Loveland, OH 45140
Sun May 28	1pm-4pm	Open House At Raptor Inc.	961 Barg Salt Run Rd., Milford, OH 45150
Sat Jun 10	11am-1pm	Wild About Birds	1133 Main St., Milford, OH 45150
Sat Jun 17	2pm-3pm	Little Miami Conservancy	209 Railroad Ave., Loveland, OH 45140
Sun Jun 25	1pm-4pm	Open House At Raptor Inc.	961 Barg Salt Run Rd., Milford, OH 45150
Sat Jul 15	2pm-3pm	Little Miami Conservancy	209 Railroad Ave., Loveland, OH 45140
Sun Jul 30	1pm-4pm	Open House At Raptor Inc.	961 Barg Salt Run Rd., Milford, OH 45150
Tue Aug 1	6pm-9pm	Milford Miami Twp. National Night Out	Streets of Milford, OH
Sat Aug 19	2pm-3pm	Little Miami Conservancy	209 Railroad Ave., Loveland, OH 45140
Sun Aug 27	1pm-4pm	Open House At Raptor Inc.	961 Barg Salt Run Rd., Milford, OH 45150
Sat Sep 16	2pm-3pm	Little Miami Conservancy	209 Railroad Ave., Loveland, OH 45140
Sun Sep 24	1pm-4pm	Open House At Raptor Inc.	961 Barg Salt Run Rd., Milford, OH 45150
Sat Oct 21	2pm-3pm	Little Miami Conservancy	209 Railroad Ave., Loveland, OH 45140
Sun Oct 29	1pm-4pm	Open House At Raptor Inc.	961 Barg Salt Run Rd., Milford, OH 45150
Sun Nov 26	1pm-4pm	Open House At Raptor Inc.	961 Barg Salt Run Rd., Milford, OH 45150

RAPTOR Wish List

RAPTOR Inc. is in need of the following items for our bird care facility. To donate any of these items, please email RAPTOR at: raptor@raptorinc.org or call 513-825-3325.

- Dog Food (dry)
- Dustbuster (hand-held vacuum)
- Gas Gift Card
- Nitrile exam gloves (any size)
- Office Max Gift Card
- Stamps (Forever)
- Trash bags – 55, 30 and 13 gallon

Thank you for all of your donations!

2016 Admissions

American Kestrel	18	Red-tailed Hawk	51
Merlin	0	Rough-legged Hawk	0
Peregrine Falcon	2	Turkey Vulture	6
Eastern Screech Owl	28	Black Vulture	2
Barred Owl	26	Osprey	1
Barn Owl	2	Golden Eagle	0
Great Horned Owl	36	Bald Eagle	1
Long-eared Owl	0	TOTAL Admissions	264
Saw-whet Owl	1	<i>Euthanized</i>	25%
Snowy Owl	0	<i>Died</i>	19%
Sharp-shinned Hawk	2	<i>Transferred</i>	0%
Cooper's Hawk	27	<i>Education</i>	0%
Broad-winged Hawk	4	<i>Under Care</i>	3%
Red-shouldered Hawk	57	Released	53%

RAPTOR Inc. Board, Spring 2016

Erica Locke, President (2016-2017)
 Jeff Hays, Vice President (2016-2017)
 Robert Smith, Treasurer (2016-2017)
 Marc Alverson, Secretary (2016-2017)
 Rosie Ayers, Trustee
 Dan Begin, Trustee
 Joseph Lucas, Trustee
 Alice McCaleb, Trustee
 Open Position, Trustee

Cindy Alverson, Executive Director
 Jackie Bray, Associate Director

The Board of Trustees generally meets the third Wednesday of each month, at 7:00 P.M. All RAPTOR members are welcome to attend.

Contact Erica Locke at elanni@gmail.com for meeting time and location.

Communications

Gary Young, Newsletter Editor
 Erica Locke, Assistant Newsletter Editor

To submit articles or pictures for consideration in HackBack, email the article to:

raptor@raptorinc.org

or by mail to:

RAPTOR Inc.
 961 Barg Salt Run Road
 Milford, Ohio 45150

To report an injured raptor in the Greater Cincinnati area call RAPTOR Inc. (513) 825-3325



Thank You To Our Veterinarians!

Bob Dahlhausen, D.V.M.
 (513) 576-1990

Joseph Grossi, D.V.M.
 (513) 772-6060

D.J. Haeussler, D.V.M.
 (513) 374-3963

J. Peter Hill, D.V.M.
 (513) 793-3032

Vanessa Kuonen Cavens, D.V.M.
 (513) 561-0069

Paul Levitas, D.V.M.
 (513) 871-8866

2016 Raptor Rescues and Outcomes

By Cindy Alverson, Executive Director

2016 was a year of highs and lows for raptors in our area, with stunning successes and heartbreaking losses. An amazing 16 different species came to our center, from a majestic Bald Eagle to a tiny Saw-Whet owl (about the weight of a stick of butter). We admitted a near record-breaking 264 raptors, the highest number of admissions since the devastating West Nile virus ravaged the Red-tailed Hawk and Great Horned Owl populations in 2002.

We're able to admit injured and ill raptors not only from Ohio, but also from Northern Kentucky – we have worked hard to ensure we have proper permits to take in raptors from both states, and our Kentucky admissions are growing: in 2016, 48 of our patients came from the Bluegrass State. The range of injuries and diseases we see is incredibly diverse, but the one that stands out is collisions with vehicles. More than one-third of our admissions (91) sustained injuries when they collided with vehicles on our area roadways. It's so common because some species, like Red-Tailed Hawks, hunt by the side of the road, where people often carelessly litter – causing rats and mice and other small mammals (their natural prey) to investigate. We've all seen watchful hawks perched near roadways, and while we're delighted to see them, they're at risk. Colliding with a vehicle is especially traumatic for owls, as their fixed eyes and enormous eye sockets, with no peripheral vision mean they're laser-focused on that small mammal crossing the road. When they swoop down for their next meal, they don't see the car careening around the curve – and they often suffer devastating injuries.

Raptors are incredibly adaptive, and they've been wonderfully successful in co-existing with human populations. But the closer they are to us, the more at risk they are. They're unintentionally caught in leg-hold traps (nearly always fatal for them) or tangled in soccer nets – even holiday lights can be a hazard. Window strikes injure or kill billions of birds every year, including raptors – Cooper's Hawks are especially vulnerable, as they fly like arrows after songbirds and often collide with glass with catastrophic consequences. Sometimes, though, they get lucky. If the injury isn't too severe and they get the care and support they need, they can be released back into the wild.

Unfortunately, so many of the birds who come into our care are too far gone to save. Raptors are designed to mask pain and injury, and to carry on as long as they can. It's how they survive. Often, by the time humans are able to intervene, it's too late. While a 53% release rate may seem low, at the same time – it's amazing. Our rehabilitators give their all to these birds, and our mission of

education is partly focused on helping recognize when a raptor needs help, and what to do.

By far, the most common bird admitted was the Red-Shouldered Hawk. You might wonder why, when the Red-Tailed Hawk is so much more visible in our area, but it's no surprise. Our team of ornithologists and RAPTOR Inc. volunteers, Jeff Hays and Melinda Simon, led by Cheryl Dykstra, have studied these hawks in the Cincinnati area since 1997. See <http://redshoulderedhawkstudy.com/Research.htm>. During field research, the researchers are there to help when needed and have gotten to know the homeowners where these raptors nest, so when the young need help, RAPTOR Inc. can be there to make a critical difference.

We were able to release a stunning 53% of admissions this year. It might sound low, but unfortunately, many of the birds who come in have no hope of recovery. Their plight is heartbreaking. When we know there is no hope of quality of life, either in the wild or even as an ambassador, the kindest outcome for them is a peaceful and painless relief of suffering. We humanely euthanize them – a different type of release. Sadly, it was this type of release which was necessary for the immature Bald Eagle we received in late December. During the dark night of an ice storm, we received a call about this bird, caught in a leg-hold trap not meant for him. Our initial evaluation gave a glimmer of hope, but despite our efforts, the eagle's leg deteriorated and euthanasia was required. One of our greatest goals is to increase our education outreach regarding leg-hold traps to spare others the same fate.

Spring is coming, and it's always the happiest time for rehabilitators. Following the hardships these birds face during winter, spring is a time to rejoice with the babies, branchers (birds out of the nest and moving from branch to branch) and fledglings who boost our spirits and renew our hope. These youngsters typically do not need treatments due to injury, but need a lot of care with feedings till they can be returned to their nests – provided there are parents to take care of them and their nest is intact. In 2016, we had an amazing 58 babies, branchers and fledglings. Like all growing kids, they needed a LOT of food and care to develop into healthy birds capable of surviving on their own. Imagine having 58 teenagers to feed from April till June! This coming year will yield even more, and we appreciate your donations and help which gives these beautiful birds a chance for a long, full life.

Raptor Ink

by Catherine Adams



Immobility to Independence: One Red Tailed Hawk's Story

By Jackie Bray, Associate Director

On November 2, 2016 an immature red-tailed hawk was admitted to rehab from Georgetown, KY (in Scott County, north of Lexington.) The bird was found on the ground in a farm pasture unable to fly. The bird was thin, dehydrated, unable to stand, and seemed unable to grasp with its feet. It also had smelly mutes (feces) and was infested with external parasites. These findings led us to suspect the bird was suffering from a possible spinal injury and secondary infections. The bird was treated and stabilized with fluids, anti-parasitic medication, nutritional supplements, then transported to Dr. Dahlhausen for evaluation.

Dr. Dahlhausen examined the bird and found that the bird was thinly muscled in the pelvis and lumbar spine. He suspected the cause was a Clostridium infection. Dr. Dahlhausen explained that Clostridium bacteria in the intestines can release toxins that cause neuromuscular issues like we were seeing in this bird.

Avian Biotech International (2017) advises that Clostridium is a genus of anaerobic Gram-positive spore-forming bacteria that are capable of secreting powerful toxins responsible for such diseases as tetanus, botulism, and gas gangrene. Members of this genus produce some of the most potent toxins known. The organism is common in nature and widely present in soils and decaying carcasses. Ingestion of the organism is generally not harmful. It becomes dangerous only when conditions are

favorable for its growth and subsequent toxin formation. The organism grows best under high humidity, relatively high temperature and in an environment containing decaying organic material. The organism also requires an environment in which all atmospheric oxygen is eliminated.

Dr. Dahlhausen treated the bird with antibiotics, anti-inflammatory medication, and recommended physical therapy to build muscle in the bird's lower extremities. The bird began to improve immediately. Its appetite increased and it began eating on its own. It slowly began using its feet and legs more and more until it could finally perch on its own. After 2 weeks of treatment the bird increased in weight by 50%, was able to perch, and was ready to be moved outside to the large flight enclosure for physical conditioning. The bird was immediately able to fly up to the 13-foot perch, but was wobbly on the landing and made an unusually loud noise with each wing beat. When the bird flew back down to the ground to access food, its momentum would often carry it too far forward, resulting in a "face-plant." The bird was moved to a smaller flight enclosure to prevent injury and build strength.

After 3 more weeks of exercise the bird became strong, sure-footed, and graceful in flight. In mid-December it was determined that the bird was ready to be released.

See Independence, on page 6

Dr. Bob, continued from page 1

Dr. Bob has served as one of RAPTOR Inc.'s Attending Veterinarians since 1989 and served on our Board of Trustees in the early days with Art Wiseman and Bill Moring. He has practiced avian and exotic animal medicine exclusively for over 30 years, opening the Avian and Exotic Animal Medical Center in Cincinnati, Ohio in 1992. He is also the founder of Research Associates Laboratory, Inc., now known as Veterinary Molecular Diagnostics, Inc., (VMD) which was the first lab to commercially apply molecular-based diagnostic methods in veterinary medicine. VMD's state-of-the art facility offers veterinarians the most reliable and accurate DNA-based testing services available for diagnosing disease.

Ground-breaking veterinary research is nothing new to Dr. Bob. In the early 1980's he was instrumental in developing some of the first advanced assisted-reproduction techniques to benefit endangered species. These techniques included estrous cycle determination through exfoliative cytology, cryopreservation of genetic material, artificial insemination, and embryo transfer. In 1982 his team achieved the first successful embryo recovery and transfer reported in a large exotic animal species (an eland antelope), and in 1984 the team achieved the first successful transcontinental embryo transfer between two exotic species. This transfer resulted in the live birth of a bongo, a rare African forest antelope, from an eland, a common African antelope species.

When asked about his first case involving birds, he described a case concerning African penguins in a zoo setting. The

birds were experiencing neurological issues where the muscles in their necks were contracted, causing the birds to look skyward or to "star-gaze." Dr. Bob diagnosed the condition as a dietary thiamine deficiency. The birds were given supplemental thiamine and the condition rapidly resolved.

Infectious avian disease is a field of special interest for Dr. Dahlhausen. His extensive research on Avian Bornavirus led to his discovery of breakthrough treatments for this very common and often fatal infection in birds. In 2008, he was named the T.J. Lafeber Avian Practitioner of the Year – a prestigious award selected by an independent committee of peers from the Association of Avian Veterinarians.

Dr. Bob is well-known in the veterinary world, but most people don't know that he is an accomplished restaurateur and chef. He has trained in Europe and is a distinguished member of prestigious gastronomic organizations dedicated to culinary excellence and the appreciation of fine wine. He is an owner of La Tavola (meaning "table"), an authentic Italian restaurant and chacuterie in Grandview Heights, Ohio, a suburb of Columbus. A chacuterie specializes in the art of preparing various meats such as bacon, ham, sausage, terrines, and pates. Dr. Dahlhausen's specialty is prosciutto.

When asked what he felt was his greatest accomplishment, he quickly replied, "My family." When he is not helping animals, he enjoys spending time with his wife, Diana, his son, Bobby, his daughter, Megan, and his German shepherd, Rainier.

RAPTOR Inc. Welcomes Our First Intern

by Jackie Bray, Associate Director

RAPTOR Inc. is excited to welcome Matt Denzler as our first intern. Matt recently graduated from Northern Kentucky University with a BS degree in Environmental Science. He has worked to restore native Kentucky woodlands, and participated in several wildlife field research projects, including work with regional bat species, hummingbirds, and Northern Goshawks. In addition to his impressive environmental work, Matt has management experience and is mechanically inclined. These skills will greatly benefit our organization.

When he is not working to save the world, Matt enjoys hiking, bird watching, rock climbing, and snow-boarding. He is passionate about raptor conservation and, through this internship, hopes to gain valuable knowledge and experience that will help him increase his effectiveness as an environmentalist. Matt's internship began in January and will conclude in April.

Matt will be assisting us in many different areas. He will help the facilities team with cleaning, maintenance, and

repairs. He will aid the rehabilitation team with animal care duties and diet preparation. The educator team is looking forward to his help during tours, open houses, and educational programs. He will also support the admin staff with record keeping, fundraising, and marketing tasks.

RAPTOR Inc.'s Internship Program is designed for current college students or recent college graduates working toward a career in wildlife conservation, animal care, education, communications or non-profit management. Under the guidance and supervision of RAPTOR Inc. staff, interns will develop skills and gain valuable real-world experience in their chosen field. Internships are non-paid and no housing is provided.

Three non-paid internship sessions are available each year. Spring internships begin in January, conclude in April, and have an application deadline of October 31st. Summer internships begin in May, conclude in August, and have an application deadline of February 28th. Fall internships begin in September,



conclude in December, and have an application deadline of June 30th. If you are interested in applying for an upcoming internship, visit our website at <http://raptorinc.org/contact-us/internships/>.

RAPTOR Inc.
INTERNSHIP OPPORTUNITIES

3 NON-PAID INTERNSHIP SESSIONS AVAILABLE

Spring Internships: Jan.-Apr. Application deadline Oct. 31st.
 Summer Internships: May-Aug. Application deadline Feb. 28th.
 Fall Internships: Sep.-Dec. Application deadline Jun. 30th.

FOR MORE INFORMATION VISIT:
[HTTP://RAPTORINC.ORG/CONTACT-US/INTERNSHIPS/](http://RAPTORINC.ORG/CONTACT-US/INTERNSHIPS/)

RAPTOR Inc. is a 501(c)(3) non-profit organization dedicated to the conservation of birds of prey through rehabilitation and education.
 (513) 625-3325 raptor@raptorinc.org

2016 in Review

366 Presentations	22,404 Guests at Presentations	4,900 Volunteer Hours	313 Feathers Donated
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426 Calls for Rescue or Info	264 Raptors Admitted for Care
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216 from Ohio	48 from Kentucky	58 Babies/Fledglings
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Raptor Rapture, continued from page 1

I'd been a birdwatcher for a number of years, and had noticed with delight as red-tailed hawk populations grew, slowly recovering from a decades-long decline, thanks to large-scale conservation efforts. But I didn't know much else about them. That all changed with Cornell's hawk cam – watching these wild creatures, day in and day out, through their trials and tribulations and near fledges and finally fledges of all three juvenile hawks. Cornell also provides a chat, moderated by experts – many of whom are falconers in their own right, and one of whom volunteers for Cincinnati's local raptor rescue organization, RAPTOR, Inc. (the same one for which I now volunteer!). They provided tremendous information and perspective on what we were watching – and the more I watched, the more hooked I was.

I started learning more about raptors on my own, outside of nesting season, and my admiration continued to grow. I had wanted to volunteer for something for a long time – it was much harder when I was a single mom and my son was small, but now that he's older (and my husband takes on full-scale parenting as well), it was more feasible for me. I started by volunteering

as a citizen scientist for the Cornell Lab of Ornithology, counting birds and reporting weather conditions as part of Project Feederwatch. Then, in March, I went to a live event – RAPTOR, Inc.'s annual "Owl Prowl," where live education birds were featured in a lecture prior to the hike around Spring Grove Cemetery looking for barred owls. And they noted they were looking for volunteers. And there was my chance.

I thought I might be cleaning out cages (gross!) or thawing mice to feed to the rehabilitating birds (not especially appealing), but it turned out what they most needed was something I already love to do: write. And so I started doing just that, developing articles for newsletters, communications to the group's contact base, e-mails, social media posts, and other content to share the organization's work, raise funds, and generally help them help the raptors we care so passionately about.

I volunteer because it's a way for me to do good in the world, helping a cause I care passionately about and using the talents I've been blessed with to make a difference. I do it because it feels right, and because every little bit helps – everything we do, every day, matters. It's important to remember how much.

Independence, continued from page 4

The finder, Lucinda Christian, was notified of the good news. She was excited about the bird's recovery and very interested in the bird's diagnosis and treatment. It turns out that the finder's company, the World Heritage Animal Genetic Repository & Veterinary Institute (WHAGR & VI), conducts veterinary research to ensure sustainable conservation of agricultural animal resources worldwide. The finder serves as a Senior Advisor to the United Nations.

The farm where the bird was found had recently experienced a die-off of some of the farm animals and a Clostridium outbreak was the suspected cause. Carcasses from these animals were accessible near where the bird was found. The Institute's veterinarians had treated several of the

surviving farm animals with the same antibiotics and anti-inflammatory medications we had used with successful results. Ms. Christian was glad to hear that our findings were consistent with theirs and expressed interest in collaborating with Dr. Dahlhausen to further research the specific species and treatment protocols associated with this outbreak.

Since the red-tailed hawk was immature it wasn't necessary to return it to its home range. We were also concerned that there may be potential for re-infection at that location. Joe Lucas was given the honor of releasing the bird in Northern Kentucky. RAPTOR Inc.'s Executive Director, Cindy Alverson, said, "It's so exciting to watch an incredibly ill bird transform back into a strong predator and return to the wild where it belongs."

Thanks to these individuals and groups for their financial contributions to RAPTOR Inc.

Asper, Linda
Aungst, Mr. & Mrs. W. Patton
Ayres, Mr. & Mrs. Richard
Barkalow, Mr. & Mrs. David
Beer, Amira
Berger, Judith Anne
Berry Lisa
Borisch, Mr. & Mrs. Kenneth
Brehob, C. Thomas
Cajka, Linda
Clark, Mr. & Mrs. Barry
Cubbison, Chris
Earls, Joanne
Einson, Stephen
Farfsing, James
Glassmeyer, Matthew
Haynes, Mr. & Mrs. Richard
Hays, Douglas
Hill, Patricia
Hood, George
Inskeep, Nancy
Jander, Mr. & Mrs. Thomas
Lynch, Mr. & Mrs. Arthur
Marnell, Carol
Maslowski Wildlife Productions
Meckstroth, Jill

Meiman, Leslie
Miamitown Pet Hospital
Miller, Mr. & Mrs. John
Miller, Michael
Mills, Mr & Mrs. Kevin
Moran, Christine
Ott, Linda
Parry Barbara
Quilligan, Mr. & Mrs. David
Ray, Mr. & Mrs. John
Rinsky, Robert
Ripley, Mr. & Mrs. Louis
Romer, J. E.
Rosenzweig, Mr. & Mrs. Mark
Ruhlman, Mr. & Mrs. Jeffery
Setters, Jeannie
Sherbon, Ruth
Singer, Mr. & Mrs. Gary
Stevenson, Andrew
Stickles, Mr. & Mrs. Richard
Thompson, James
Todía, Judith
Waske, Owen
Wood, Mr. & Mrs. Michael
Woodiwiss, Mr. & Mrs. Robert
Zentgraf, Mr. & Mrs. Paul

Falcon Level \$500 - \$999

Kroger Community Giving
Landis, Mr. & Mrs. Richard

Osprey Level \$1,000 - \$9,999

Butler, Joel
Ferguson, Mr. & Mrs. Aaron
Morrow, Kevin
Warrington Foundation

In Kind Donations

Alverson, Marc
Bray, Jackie
Einson, Stephen
Keitler, John & Karen
Lucas, Joe
Maslowski, Steve
Meyer Funeral Home
Miller, Sara Johnson
Moore Greg
Powers, Tom
Wright, Dee

In Memory of Michael Joseph Glassmeyer

Matthew Glassmeyer

2017 RAPTOR Inc. Calendar Photos

The 2017 Winter HackBack showcases this quarter’s winning photos in the RAPTOR Inc. calendar.



January: Eastern Screech Owl, by Brian Singleton



February: Red-Tailed Hawk, by Cassandre Crawford



March: Great Horned Owl, by Cassandre Crawford

NEW

Updates to RAPTOR Inc. Membership and NEW Benefits

RAPTOR Inc. is introducing new perks, tiers and pricing for membership. We hope these changes will clarify each level’s benefits, intent, and terms as well as simplify the renewal process. Changes are effective immediately for new members and will apply to existing members at renewal. Renewal notices are sent out in October for annual collection for the following year. Dues paid after September 1 will be credited for the following year.

Please use the form below to become a member or update your contact information. You can also become a member online at our website: www.raptorinc.org

If you don’t need the membership form, pass it on to someone who might be interested in becoming a member of RAPTOR Inc.!

Your membership dollars provide for care, treatment, and feeding of our birds as well as the continuation of our education programs.

Mark the membership level you request, all membership levels include electronic (default) or postal delivery of the newsletter, as well as an invitation to the Fall Picnic. Members are also invited to attend Board meetings and may nominate candidates to serve on the board.

\$10 Student Membership (1 year - up to age 18)

\$25 Hawk Membership (1-year)

\$50 Owl Membership
plus receive stunning Raptor Notecard Set

\$100 Eagle Membership
plus receive Charley Harper designed T-Shirt
Eagle and Lifetime Memberships also include perks from the level(s) above.

\$500 Lifetime Membership
plus personalized tour for 5

Eagle and Lifetime Memberships, please indicate T-Shirt Size: (S, M, L, XL, XXL) _____

Date: _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

Check if you prefer postal delivery of HackBack

Mail this completed form with your check or money order to:

RAPTOR Inc., 961 Barg Salt Run Road, Milford, Ohio 45150
Attn: Membership

Thank you for your support of RAPTOR Inc.!

RAPTOR Inc.
961 Barg Salt Run Road
Milford, OH 45150

Sponsor a Banded Raptor

Since the fall of 1994, RAPTOR Inc. has been banding most rehabilitated birds released back into the wild. Over a long period of time, this will help us determine how successful our rehabilitation efforts are. You can get involved with our "Sponsor a Banded Raptor" program. Sponsors will receive a fact sheet on the selected species and a certificate with the following information:

- Species and date of release
- Age (if known)
- Weight at time of release
- U. S. Fish & Wildlife band number

If the bird you sponsor is recovered, you will be notified of the date and location of the recovery.



Yes, I would like to sponsor a banded bird of the species checked below:

- | | | | |
|---|---|---|--|
| <input type="checkbox"/> <i>American Kestrel: \$20</i> | <input type="checkbox"/> <i>Eastern Screech Owl: \$20</i> | <input type="checkbox"/> <i>Cooper's Hawk: \$20</i> | <input type="checkbox"/> <i>Barred Owl: \$20</i> |
| <input type="checkbox"/> <i>Red-shouldered Hawk: \$25</i> | <input type="checkbox"/> <i>Great Horned Owl: \$25</i> | <input type="checkbox"/> <i>Red-tailed Hawk: \$25</i> | |

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

In the event your selection is not available, we will contact you to arrange an alternative. Sponsoring a bird is tax deductible. All proceeds benefit RAPTOR Inc. Complete this form, enclose a check or money order, and mail to:

RAPTOR Inc., 961 Barg Salt Run Road, Milford, Ohio 45150 Attn: Membership

Thank you for your support of RAPTOR Inc.!