

Welcome to

INSTINCTS



Feb 2019

Vol 8:1

"The newsletter helping you follow your Wild Instincts."

2018 in Review

At the end of each year, it's always interesting to compile the stats and figures to see how the year compared to those gone before.

Here's a cross-section of some of those comparisons through the years:

Patient admissions

Year	Patients	Species	Counties
2011	315	74	18
2015	663	98	37
2018	927	115	42

Education programs:

Year	Programs	People Reached
2014	23	2896
2018	36	4158

Volunteer hours (these totals do not include Mark or Sharon's hours):

Year	Hours
2015	974
2018	1681

Rescue & Transport Driver Miles (these totals do not include Mark or Sharon's mileage):

Year	Miles
2012	6726
2013	14,157
2016	19,214
2018	28,384



HAPPY BIRTHDAY!

On January 25, Wild Instincts turned eight!

Wild Instincts has been helping injured and orphaned wildlife for eight years. In that time we've treated 5442 (of our career 16,072) patients. Mark, the Director of Wildlife Rehabilitation is a volunteer- who works every day, long hours with no pay. We answer the phone 24/7/365 but until now we have not had a single full-time employee!

January 1st that finally changed. We welcomed Kaitlin Wikoff as our first Wildlife Rehabilitation Assistant.

Many of you may recognize her. She was an intern first in 2017 and returned in 2018 as an intern supervisor.

She will be introducing herself elsewhere in this newsletter.

Join us in welcoming Kaitlin to The Wild Instincts Team!

Driver Training

Last year we admitted 927 patients; not a single one of them drove themselves to us for help.

Last year our patients came from 42 different counties and three different states! Some of them arrived with the people who found them. Others got a ride with one of our Wild Instincts Ambulance Team Drivers who logged over 28,000 miles in 2018. We cover a large geographic area and are always in need of rescue and transport drivers.

If you have a vehicle, valid insurance and a desire to help get wild animals to the help they need, we need you!

There are two different training sessions being held in March. You only need to attend ONE of the sessions.

If you're not sure if it's something you could do, come anyway. Find out what it is and what it isn't. There's no obligation to become a driver.

The sessions are held at Wild Instincts and last about 90 minutes. One will be held Thursday, March 7th at 6:30 p.m. with the other on Saturday, March 9th at 10:00 a.m. Please RSVP by March 3rd by calling emailing info@wildinstinctsrehab.com or calling 715-362-9453.



In Honor or Memory Of

- ~In Memory of Derek R Shaw
- ~In Memory of "Hank" and "Magic"
- ~In Memory of animal victims of recent hurricanes and wildfires
- ~In Memory of Mareta Martin
- ~In Memory of Dorothy Schwalbe
- ~In Memory of Mary Margaret Emmer
- ~In Honor of Erinn Brogren
- ~In Memory of Michael J. Wanty who loved all of God's creatures
- ~In Memory of Vivian Heller
- ~In Honor of Marilyn Putz's Birthday

- ~In Honor of Fred & Cheryl Andrist
- ~In Honor of Ed Cody & Lynn
- ~In Honor of Mary Lou Stocker-Baribeau
- ~In Honor of George & Mary Merkel
- ~In Honor of Richard & Jean Anaya
- ~In Memory of Gerry Smith
- ~In Honor of Mary & John Seefeld
- ~In Memory of John McCormick
- ~In Memory of Eleanore Hahn, dear member and friend of Tom Doyle Lake
- ~In Honor of Grant Birmingham
- ~In Honor of Kathy Hilgers
- ~In Honor of Robert Kiesau
- ~In Honor of David & Kathy Amo and Family
- ~In Memory of Ron Brekke
- ~In Memory of Joseph Schoone
- ~In Memory of D.J. D'Ewart
- ~In Honor of Grace Mitchell

Buzz Points

Many people are aware of credit card reward or bonus points. When using certain credit cards, you can "earn" points towards discounts or items.



Ripco, a local credit union, offers reward points on their debit cards through a program called Buzz Points. Participants earn points every time they use their debit card.

Why should Wild Instincts care about something like this?

Because one of the ways your points can be redeemed is donating to Wild Instincts!

If you have a Ripco Credit Union Debit Card, you could earn points simply by using it like you already do.

When you're ready to redeem your points, instead of choosing a local or national gift card, click on the Charities tab and choose Wild Instincts. Your points will become a monetary donation to help us help them!

See Ripco to learn how to sign up for this easy way to help us help them.

Polar Vortex Creativity

The Polar Vortex has been making the news. People hunkered down and tried to stay safe. What do animals do?

Wildlife has been dealing with weather since the beginning of time with different strategies-some species migrate, some species hibernate, some species try to endure.

Healthy animals can shelter in dense evergreens to get out of the wind and wait it out trying to conserve energy. Some birds even roost in the snow.

We get lots of concerned phone calls about ducks and geese. They hang out in open water-which is actually warmer than the air temps in super frigid conditions.

Sometimes, for a variety of reasons, animals make poor den choices. Extreme temps can disrupt their hibernation and send them in search of something more appropriate. That's how we wound up now overwintering a yearling bear.

For us, the Polar Vortex was and is an exercise in creativity.

Our resident raptors live outside like they would in the wild. Mostly. Their enclosures are specially designed with wind shields and heat lamps and heated food areas and more comforts than they'd get in the wild.

We also have patients in the final stages of recovery acclimating for release in flight enclosures while waiting for the weather to allow their return to the wild.

Even though it's winter, we still have a higher than average patient load inside.

Anyone familiar with Wild Instincts knows that we put animal care above everything else.

Of course it was too cold for man nor beast, so we moved around patients, doubled up roommates where we could, set temporary carriers in corners and brought in residents and patients for a few days.

It sounds easy enough, but there are always consequences to any decision. Some wild birds will not eat when indoors. Since they get most of their water requirements from their food, it is easy for them to become dehydrated. That can send them backwards in their recovery so we are always weighing the pros and cons of every decision we make with each individual animal in our care.

Then if they spend too much time inside, it's harder for them to reacclimate when moved back outside!

What seems easy is most times not as easy as you think, but anyone thinking the Polar Vortex makes everything more difficult would be correct!

The Poop on Pellets

Most people have seen the black and white splotches on the hood of their car, recognized them as bird poop and didn't give it another thought, except note not to park in that spot again.

Have you ever thought about how different most bird droppings look from mammal droppings?

There isn't a soft-serve ice cream pile that remotely resembles the emoticon.



If mammals produce piles of feces, what is so different about birds? Their diets overlap mammal diets. Some birds eat berries, some birds eat other birds, some birds eat mice. It's the same with mammals.

Mammals digest some of their meal and then send the rest through to the end of the digestive track. Those with pets probably have seen some left over surprises while poop-scooping the yard not even knowing the dog swallowed it.

Bird digestive systems deal with swallowed

indigestible materials differently. They first extract all the calcium and other minerals the body needs. This would include the toxic, not-needed lead mineral from fishing tackle or shot pellets which helps explain why they are more sensitive to lead poisoning.

Then they package the rest of their meal and regurgitate it as a pellet, also known as a casting, of indigestible material.



Collection of pellets from owls and hawks.

Students often get a chance to dissect a pellet in school to see what the bird may have eaten. Bits of hair, bones, etc. give a clue to the birds habits and preferences. Most people think of owls when they think of pellets, but most birds cast, at least sometimes.

Kingbirds cast after eating grasshoppers. Kingfishers cast minnow bones.



Left: One bald eagle pellet. Right: Fifteen kingfisher pellets.

The size of the casts vary according to the size of a meal and are limited by the size of

the bird's mouth.

A Snowy Owl in the wild produced a cast 5 inches x 1.4 inches! They can weigh a bit, too. A healthy 85 gram saw-whet owl produced a casting that weighed 5 grams or 6% of its body weight. If that had been produced by a 150 pound man, it would've weighed 9 pounds!

Diary of Lead

It seems like almost every newsletter we have an article about lead poisoning.

CHRISTMAS DAY 2018

This beautiful girl was admitted Christmas afternoon. When she was admitted, we ran her blood sample through our lead analyzer as is our standard protocol. Something in her system caused our lab equipment to fail.

We suspect lead, but it could be another toxin. We began treatment for lead and other poisoning immediately. Her condition is extremely, extremely critical.

After some research, we discovered her blood lead levels were so high, they created their own "current" which interfered with our analyzer!

In November, Raptor Education Group, Inc in Antigo admitted an eagle with lead levels so high, it interfered with their analyzer. They'd never encountered that before. On Christmas, the same thing happened here at Wild Instincts, including the fact we have never encountered it before either. We find it amazing that in spite of all the education all wildlife rehabbers do regarding lead poisoning across the country, two Wisconsin facilities had recent disturbing milestones.

This is not a trend we would like to see continue!

DECEMBER 31, 2018:

After a week of aggressive treatment for lead poisoning. Her blood lead levels decreased enough for our analyzer to register Too High To Read which meant the

levels were still higher than 65 micrograms/deciliter or .65 ppm. This is THREE TIMES what is considered the threshold for lead poisoning. Even after a week of aggressive treatment. Because her weight was good when she was admitted, we believe this was an acute onset. The lead entered her system all at once, rather than small amounts over time making her ill slowly. This may ultimately be in her favor as she was strong enough initially to endure treatment. She is now able to stand. She is extremely far from having her poor prognosis status upgraded. Even if we are able to get her through the months long chelation process, it will be even longer before we know if there was permanent organ or neurological damage.

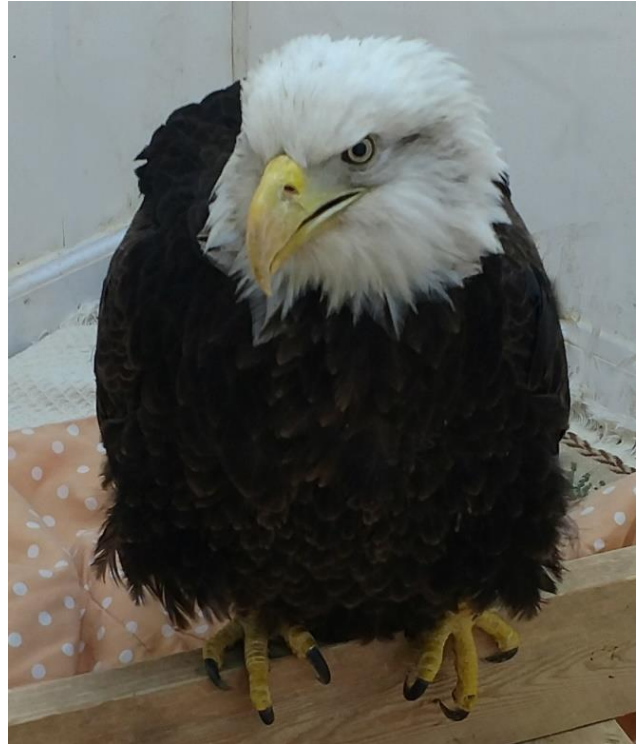
JANUARY 9, 2019

We thought we were going to lose her last night, but she rallied a bit. She is still with us and still very critical. Although still high, her blood test today had levels our analyzer could actually interpret into numbers. It will still be a long time before we know if there is permanent, irreparable damage. We're still doing our best.

JANUARY 26, 2019

Day #32

Very small measurable improvement. She perched for first time!!! Still a very, very long way to go, but step (up) in the right direction.



After a month of treatment for lead poisoning, this eagle was finally able to perch for the first time since being admitted on Christmas Day.

FEBRUARY 1, 2019

Christmas eagle is finally stable enough (and the weather cooperating enough) to get her in for radiographs.

The results are, unfortunately, not surprising.

After a month of chelation, she still has lead pellets. She obviously has months more of treatment ahead of her.

In March 2015, we admitted a female eagle in similar circumstances, although her lead levels were a third of what this one's were. It took months and months of chelation, but we were able to successfully release her in November of 2015.

Hopefully we can repeat that success story with this girl.

But maybe we can help her help herself. Most people know that owls produce pellets of undigestible materials-they cough up the hair and bones of the prey they can't digest. Many people don't realize most bird species cast pellets, including eagles.

To help with healing and dealing with chelation and lead toxicity, eagles are fed very easily digested food that doesn't produce casting.

After viewing the rads and seeing where the pellets were, we decided to change her diet to less easily digestible foods in an attempt to see if she could be helped to maybe cast up the pellets.



Radiographs reveal a group of lead pellets. The close grouping suggests ingestion rather than being shot.

FEBRUARY 5, 2019

Blood Lead Level 16.8

She is finally feeling well enough to actually take food off the tweezers although she's not eating on her own, yet.

FEBRUARY 9, 2019

Too often we post photos of birds with lead poisoning on our Facebook page. At some point, someone will ask how on earth did it get lead poisoning. For years we have been educating whoever will listen about this easily preventable

problem. Sometimes so often and so frequently it seems like we are talking to a brick wall.

Recently we posted to our Facebook page about another eagle that had been admitted with lead poisoning. Several people asked how an eagle may get lead poisoning. Before we could answer, our Facebook followers chimed in with all the correct answers!

We haven't been talking to brick walls! People have been listening and are spreading the word!

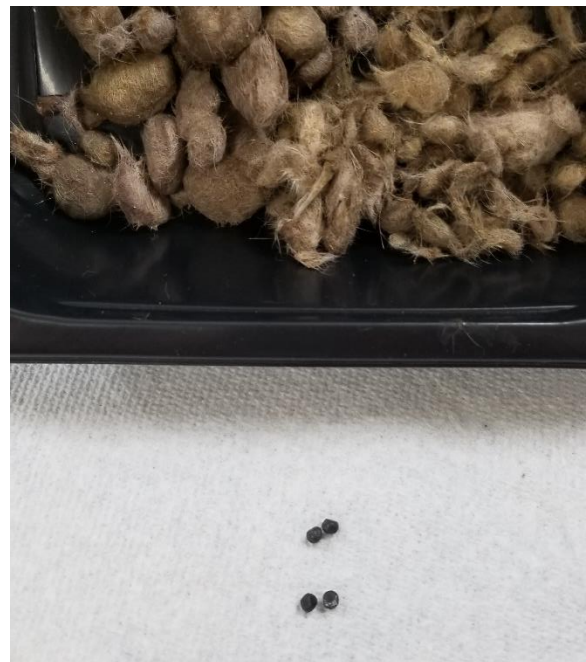
That's a start. Now if we can get people to actually make the switch from lead sporting gear to non-lead alternatives!

FEBRUARY 9, 2019

She finally casted a pellet! We set it aside to dry out so we could sort through it to see if our plan worked.

It was with utter amazement and great joy we found four items that look like shot pellets!!!

We'll have to take another x-ray to be sure.



A container with pieces of a pellet she cast with four possible shot pellets retrieved from dissecting the pellet.

FEBRUARY 12, 2019

She finished this round of chelation two days ago so it's time to retest a blood lead level.

Good news. It's 9.6. Much lower than last week.

FEBRUARY 15, 2019

We were finally able to get an x-ray today. It confirmed the four pellets are gone!! She still has a long way to go. We're not sure if she has any permanent organ or neurological damage. We are sure, however, the source is gone.



Radiographs show the lead pellets are no longer in her body.

Welcome Kaitlin

Hello!

My name is Kaitlin and I am the new rehabilitation assistant here at Wild Instincts. After working two summers as an intern, I am honored to be a part of the team.

I initially chose to be an intern two summers ago because of the amazing chance to work with so many different species. I had briefly been exposed to the world of wildlife rehabilitation before and I

was eager to get another chance to experience it. And what a summer! Treating eagles, making fawn bottles, balancing bear bowls, suffering through squirrel hands, picking endless bunny greens, and watching otter swim lessons were amazing memories throughout a summer of scrubbing ISO rooms, endless dishes, and cage cleaning. I stayed through the fall and was eager to come back again the next spring to see what an entire rehab year was like. So last February I returned to start my second season as an intern. I made it through an entire baby season start to finish. I got to take everything I had learned during my first summer and put it into action while also learning more about different species and treatments. It's amazing to me how much I have learned so far, and yet I know I have so much more to learn, and I couldn't ask for any better teachers than Mark and Sharon.



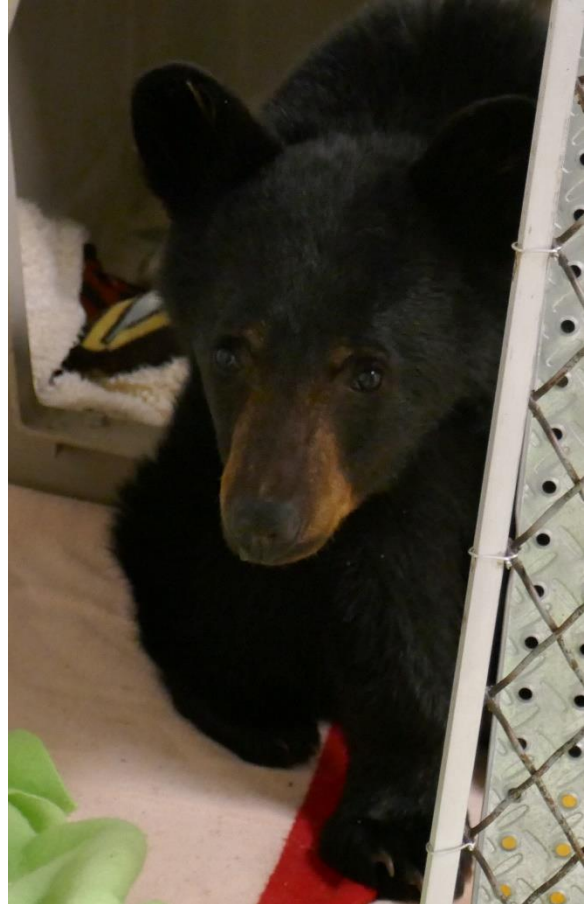
New Rehab Assistant Kaitlin "embraces" her first full Wisconsin winter.

So a little about me. I grew up outside of Portland, Oregon. I graduated from the University of Montana with a BS in Wildlife Biology. Moving out to Wisconsin has been quite a learning experience though. Muggy summers and cold snowy winters are a little different than what I'm used to, and

sometimes I miss the outline of mountains on the skyline, but I like it up here. The community is friendly and welcoming. I am impressed by the kindness and generosity of the volunteers and drivers that give so much to Wild Instincts and really allow it to function. So I look forward to getting to know everyone, and I can't wait to see what adventures this year had in store!

Your Wild ScaVenture 2019

Are solving riddles and clues in your "instincts"? Do you like a game of I Spy? Do scavenger hunts excite you? Do you want to support Wild Instincts? If you answered yes to even *one* of those questions, welcome to Your Wild ScavenTure or ScaVenture if you'd rather. Scavenger Hunt + Adventure = Scaventure. Part puzzles, part scavenger hunt, part race, ALL fun! Your Wild Sca-Venture is a family fun fundraiser for Wild Instincts. As the title implies YOUR Wild Scaventure can be as competitively wild or as tame as you choose, but if you're in it to win it, you'll have to put in some effort. The most exciting part of this event is you can participate from wherever you are. Now living in Arizona, but still supporting your Wisconsin roots? No problem. Draft your own team or join one already established. At least one person must have a smartphone with a data plan. We'll have a week-long virtual hunt "Chasers" can participate in from anywhere so no one feels left out. Then we'll end with a different day-long hunt and rendezvous picnic for local Chasers
Intrigued?
Save the dates July 28- Aug 3.
More info and how to register coming soon!



Yearling bear who was disturbed from hibernation. He'll be allowed to hibernate naturally the rest of the winter in a safe enclosure and be released in the spring



Gray Tree Frog admitted on February 15!

Species 1/1/-12/31/18		Gray Fox	6
American Crow	9	Great Blue Heron	2
American Goldfinch	4	Great Horned Owl	9
American Robin	54	Hairy Woodpecker	2
American Toad	2	Herring Gull	1
American Woodcock	3	Hooded Merganser	5
Bald Eagle	33	House Sparrow	4
Barred Owl	14	Indigo Bunting	1
Belted Kingfisher	4	Least Flycatcher	3
Big Brown Bat	31	Little Brown Bat	3
Black Bear	13	Mallard Duck	9
Black-capped Chickadee	1	Meadow Vole	6
Blue Jay	2	Merlin	3
Bobcat	9	Midland Painted Turtle	2
Broad-winged Hawk	6	Mink	9
Brown-headed Cowbird	2	Mourning Dove	20
Canada Goose	18	Muskrat	2
Cedar Waxwing	13	Nashville Warbler	1
Chimney Swift	1	Northern Cardinal	3
Chipping Sparrow	11	Northern Flicker	6
Cliff Swallow	1	Northern Oriole	1
Common Grackle	7	Northern Saw-Whet Owl	1
Common Loon	3	Norway Rat	10
Common Merganser	1	Osprey	1
Common Nighthawk	4	Ovenbird	3
Common Raven	7	Pied-billed Grebe	1
Common Redpoll	17	Pileated Woodpecker	6
Cooper's Hawk	2	Pine Siskin	6
Coyote	1	Porcupine	2
Dark-eyed Junco	1	Purple Finch	2
Deer Mouse	24	Raccoon	35
Downy Woodpecker	1	Red Crossbill	2
Eastern Chipmunk	7	Red Fox	8
Eastern Cottontail	124	Red Squirrel	34
Eastern Garter Snake	2	Redback Vole	2
Eastern Gray Squirrel	70	Red-breasted Nuthatch	7
Eastern Phoebe	2	Red-eyed Vireo	6
Eastern Red Bat	1	Red-tailed Hawk	8
Eastern Whippoorwill	1	Red-winged Blackbird	1
European Starling	13	Ring-billed Gull	3
Flying Squirrel, Southern	17	Ring-necked Pheasant	1
Fox Snake	3	River Otter	1
Gray Catbird	2	Rock Dove	9

Rose-breasted Grosbeak	6
Rough-legged Hawk	1
Ruby-throated	
Hummingbird	17
Ruffed Grouse	5
Sandhill Crane	6
Sharp-shinned Hawk	1
Short-tailed Weasel	3
Snapping Turtle	13
Snowshoe Hare	1
Snowy Owl	2
Song Sparrow	1
Sora Rail	1
Striped Skunk	1
Swainson's Thrush	2
Thirteen-lined Ground	
Squirrel	3
Tree Swallow	1
Trumpeter Swan	2
Tundra Swan	1
Turkey Vulture	1
Unknown	1
Virginia Opossum	1
Western Painted Turtle	19
White-breasted Nuthatch	3
White-tailed Deer	28
White-throated Sparrow	2
Wild Turkey	10
Wood Duck	3
Wood Frog	1
Woodchuck	1
Yellow-bellied Sapsucker	2
Total	927

Wish List

(see our [AMAZON WISH LIST](#) for a more complete listing)

Paper towels (more than you can imagine!)
 Blankets
 Toilet Paper
 Dish Soap
 Liquid Hand Soap
 Canned Dog Food (any brand)
 Unsalted Walnuts/Pecans/Almonds
 Gas Cards
 Postage Stamps

UPCOMING EVENTS

Annual Meeting, Tues, Feb 26, 4:00 p.m.
 Wild Instincts

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Raptor Rescue and Transport Training
 Thurs, March 7th, 6:30-8:00p.m. at Wild
 Instincts

OR

Sat, March 9th, 10:00-11:30 a.m. at Wild
 Instincts

Call 715-362-9453 for more info and to
 RSVP by March 3

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CT's Deli FUNdraiser, Friday May 3
 CT's Deli, Rhinelander, 5:00-8:00 pm

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Brat Sale at Trig's, Friday, May 24 &
 Saturday May 25
 Trig's, Rhinelander, 10:00 a.m.- 2:00 p.m.

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Your Wild ScaVenture 2019
 July 28-Aug 3

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INSTINCTS



May 2019

Vol 8:2

"The newsletter helping you follow your Wild Instincts."

LATE LILACS

Some years in Northern Wisconsin, lilacs bloom in time to be added to May Day baskets. Most years they are an easy addition to Mother's Days baskets. This year it's Memorial Day and they haven't even started blooming yet!

From our observations, many things are running about two weeks late, including this newsletter!

Weather again has affected wildlife. Weather always affects wildlife, and therefore wildlife rehab. Rehabbers are woven into the weather, just like farmers. The brutal long winter coupled with the long, cool spring has brought us greater than normal numbers of critical care patients, which is why the newsletter is late. In addition to the normal orphaned cubs, we have admitted a few critical care starved cubs, even a yearling bear that Mark declares is the most emaciated, starved animal he has ever seen that is still breathing.



Young critical care cub in the ICU.

Fawns have started coming in. As we expected, they are running smaller size than most years. We also expect a lower number of triplet sightings than most years. Squirrels had a slow start but are beginning to catch up.



Neonate flying squirrels admitted on May 11.



Same flying squirrels on June 2.

Songbirds are just starting to trickle in. Overall totals have been staying within one or two of last year's record-breaking admission totals. Summer interns have a couple weeks under their belts now and are starting to get their feet under them. No matter how the start, Baby Season is definitely here!

WILD BABY ADVICE

The best place for any baby is with its mom. Sometimes things happen to mom and we have to intervene, but not always. Sometimes situations are not what they look like. Sometimes people interpret normal biology as a problem, and while good-intentioned, separate families for no good reason.

Here's a quick summary of some of the more common situations. We answer the phone 24/7 so calling for advice in each situation is always an option and usually the best option!

FAWNS

Even though it was a long, tough winter, fawns are arriving, right on schedule. Does leave their fawns alone for very long periods of time so as not to attract predators to them. If you see a fawn all alone, lying comfortably & quietly, Mom is likely monitoring from a distance. Leave it alone.



Some of the fawns currently in care.

As they get a little older, the fawns may wander and cry a bit. Mom is likely off feeding a sibling, or even herself. (Mom's need some alone Mom Time no matter the species) This is normal.

If the crying goes on NON-STOP for hours, then it *MAY* point to a problem.

Fawns are tiny (especially this year), have no body fat and adorable long lashes. Human hearts melt at their sight. It's sort of their super power and downfall combined. Remember, though, deer have been living and giving birth for hundreds of years without human interference.

The best place for any baby is with their mom. We want to make sure families stay together whenever possible. This helps save room for fawns truly in trouble and not those that are just kidnapped.



Fawn Sunday Lunch

Every rehab facility has a limit to how many of each species it can admit. Making sure animal that don't truly need to be in care aren't admitted saves the valuable space for those who really do need to be in care. BEFORE you do anything, call us! We answer the phone 24/7 and can talk you through the situation.

BUNNIES

Rabbits are everywhere!

They look like perfect dog toys to Rover and are irresistible to the neighborhood cat. They also love to nest in the garden but are no match for the rototiller.



A litter of Eastern Cottontails found by a dog.

If your pet brings you a bunny, even if it doesn't look too worse for wear, it needs to be evaluated by a rehabber ASAP.

If your pet alerts you to a nest in the yard, but doesn't make contact, there are some steps you can take to keep the family together.

You can walk the dog in another area of the yard to protect the nest. You can place some fencing or barricade around the nest that the dog can't get in, but mom rabbit can. Placing an upside-down laundry basket over the nest when you let the dog out and removing it when the dog comes in is another idea that has worked.

The good news is you don't have to be inconvenienced for long.

Bunnies mature very quickly. They are on their own without their mom when they are about 14-16 days old. They are about the size of a woman's fist or a tennis ball when Mom goes off to have the next batch.

Wildlife was living where we live long before we were, a couple weeks of inconvenience doesn't seem like too much to be a good neighbor.



This young bunny is about to be released.

Baby Birds

Birds seem to find very creative places to nest sometimes leaving us to shake our heads. Sometimes, putting their babies in precarious situations.



A baby Great Horned Owl that injured its wing when it fell from its nest.



Baby Robin making known it is feeding time.

If you find a baby bird, please call us ASAP. Each situation is different and has a different solution depending on circumstances, duckling advice will be different than phoebe advice for example. With baby birds time is of the essence because they need to eat very frequently! We answer the phone 24/7 so are available for advice at any time. Let's all be good neighbors to our wild neighbors and do what's best for them. They were here first.

Spring/Summer Awareness

Now that we are all out traveling and vacationing, remember we are visitors in our wild neighbors' homes. SLOW DOWN on the roadways. Not only are there baby wildlife of many species trying to get around, turtles are trying to lay eggs. They are moving about and are no match for vehicles. If you see a turtle in the road and want to help, make sure you can do so SAFELY. Simply move the turtle across the road in the direction it was headed, even if you don't see water. The turtle knows what she was doing.



Turtles are no match for vehicles. Slow down and watch where you're going.

For snapping turtles, be aware their necks are much longer than you think. Use a snow shovel to help them across. Or you can slide a sheet under them and drag the sheet across. The floormate in your car works for that, too.

On the waterways, SLOW WAKE! Ducklings, goslings, loon families and swan families are trying to survive the natural predators. Jet-ski's, motorboats and even harassment from kayakers make their task more difficult.

Find a way to celebrate WITHOUT fireworks! Many young animals get separated (wild and domestic) from their families. Eaglets and loon chicks are especially vulnerable around the Fourth of July.

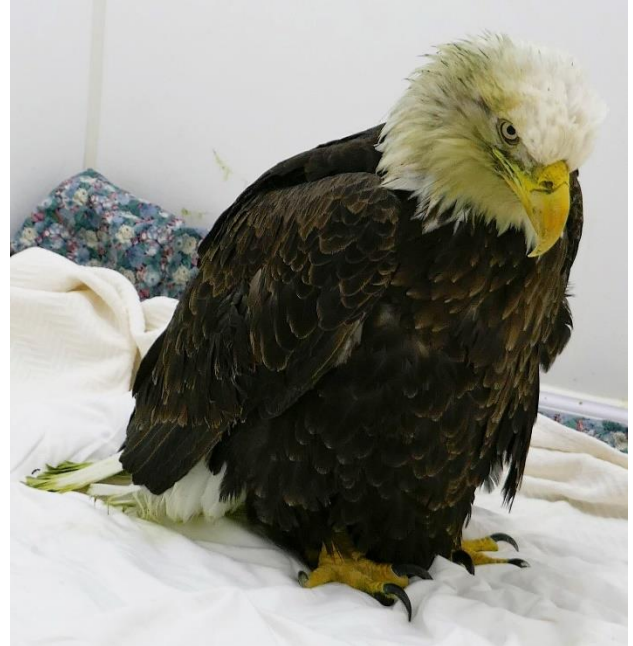
Get the lead out of your tackle box! Use lead-free sinkers.

Pick up your garbage and old fishing line. Better yet, pick it up even if it's not yours.

Christmas vs Winter Park

Over the winter we admitted an eagle on Christmas Day 2018 and another on March 6, 2019.

Both were suffering from lead toxicity. Both had blood lead levels so high they that actually shut down our blood analyzer. But both were very different cases.



The Christmas eagle a week after she arrived



The eagle from Winter Park upon arrival.

The x-rays on Christmas revealed four small pellets, probably from #8 or #9 shot for rabbit or other small game.

We were able to use basic raptor biology to help Christmas cast out her lead pellets.



X-rays reveal the shot pellets in Christmas Eagle's GI tract.



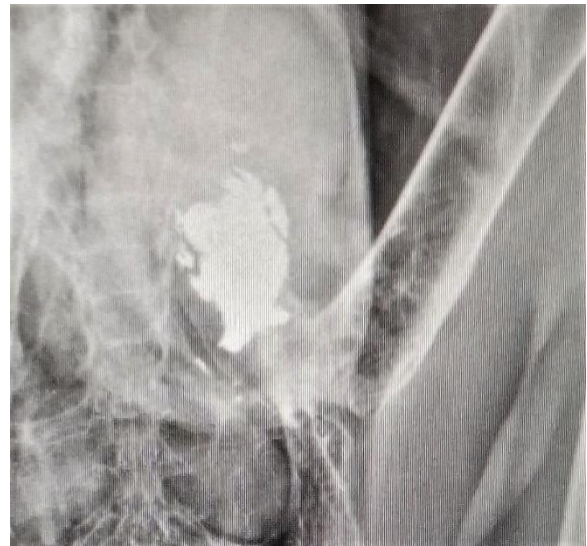
We were able to get her to cast them up. The top of the photo is part of her casting. Below shows the four pellets.

They came out of her system on Feb 9th. Even with the source of the lead toxicity

removed, we continued to treat her for lead poisoning to get her lead lowered. Sounds like a happy ending, right? Trouble is that lead affects lots of bodily functions including liver and nervous functions. She was moved into the eagle flight enclosure on April 23rd to gain strength and be evaluated. It is still uncertain whether she will be a candidate for release or will have to be euthanized.

The Winter Park eagle was found on a ski trail by a groomer in the middle of the night. He was retrieved about 2:00 a.m. on March 6, thanks to the efforts of the groomer in tracking us down. His blood lead levels also shut down our analyzer.

His x-rays revealed something unlike anything we, including numerous experienced vets, have seen on x-rays.



What on earth could this be inside this eagle?

When he succumbed to his condition on March 14th, we were able to have him necropsied at the Wildlife Health Lab. The contents of his GI tract revealed a mushroomed outer casing of a bullet, probably a .243 left in someone's harvested deer's gut pile. Around the mushroomed casing were small bits of animal bones wrapped in animal hair. All this was stuck

together in like a puzzle piece creating something unidentifiable on the x-rays.



Composite image showing original x-ray and the retrieved from the necropsy.

Both cases the same, but different. Both totally preventable by hunters not using lead ammunition.



Comparing measurements of Winter Park vs Christmas lead contents.

Up until this year, if an eagle had a life-ending injury, we would not run a lead test on it in order to save resources. This year we decided to run a blood test on every eagle that comes through our doors. This will give us data to help us explain how truly wide-spread this issue is. To date this year, we have admitted 13 eagles. EVERY.SINGLE. ONE has had lead levels in its blood. That's 100% and it's a

problem that's 100% human caused and preventable!

Just a flake of lead is enough to compromise an eagle. We know this. Eagles and other animals pay the price for our poor choices.

Spread the word. Let's do better. Let's get the lead out of all hunting and fishing equipment.

WILD SCAVENTURE

Do you love wildlife? Do you love puzzles? Do you love a challenge?

If you answered yes to even one of those questions, then Wild ScaVenture 2019 is for you!!

Sca WHAT?

Scavenger Hunt + Adventure = ScaVenture. Wild Instincts newest fundraising effort.

Over the years we heard lots of feedback from people who support our mission but couldn't get to local fundraisers because they weren't local.

WE HEARD YOU!

Wild ScaVenture 2019 fundraisers are digital scavenger hunts utilizing your smartphone and a free app called GooseChase. Teams complete missions to receive allotted points. Sometimes the mission is submitting a photo or video while other times you'll be checking-in at a specific location or solving a riddle or puzzle. The team with the most points at the end wins.

While it's easier if everyone on a team has a smartphone, it's only required of one person on the team. Those without smartphones with data plans can team up with someone who has that equipment. This is a wonderful activity for grandparents and grandkids to bond over while helping Wild Instincts help wildlife!

We are offering two different editions. World Edition allows people to participate from wherever they happen to be in the world. It is four days long to allow a slower pace of clues/puzzles to be solved around work and family schedules. There will be

cash prizes awarded for the top three finishers.

Local Edition will be more of a time sensitive race. A 4-hour hunt with strictly local clues/puzzles ending with a picnic rendezvous with door prizes, etc. Local Edition will feature a grand prize of an opportunity to release a bald eagle. Supporters can choose to participate in either or both! Those entering in both will get a 50% discount on the second event. Click these appropriate links for [FAQs](#), [rules](#) and how to [register](#).

This is a family-gearred event. Pronounce it SCA-venture or ScaVENTURE, either way sounds like FUN!!!



In Honor or Memory Of

~In Memory of Andi Watson, Namaste
~In Memory of David Roskom
~In Memory of John Hilgers, glad we reconnected Cousin
~In Honor of Mary Emerson's birthday and kindness
~In Memory of Cherylee VanCleave, wildlife advocate taken much too soon
~In Memory of Keith A. Schallcross, may you find peace here
~In Memory of Tor Westgaard
~In Honor of Hope Carmines for Mother's Day and her 89th birthday
~In Honor of Elsie Thornton's 91st birthday
~In Memory of "Tringa"
~In Memory of Violet Miazga
~In Memory of Bill Skubal, interwoven into the tapestry of my youth

Red Fox Surgery

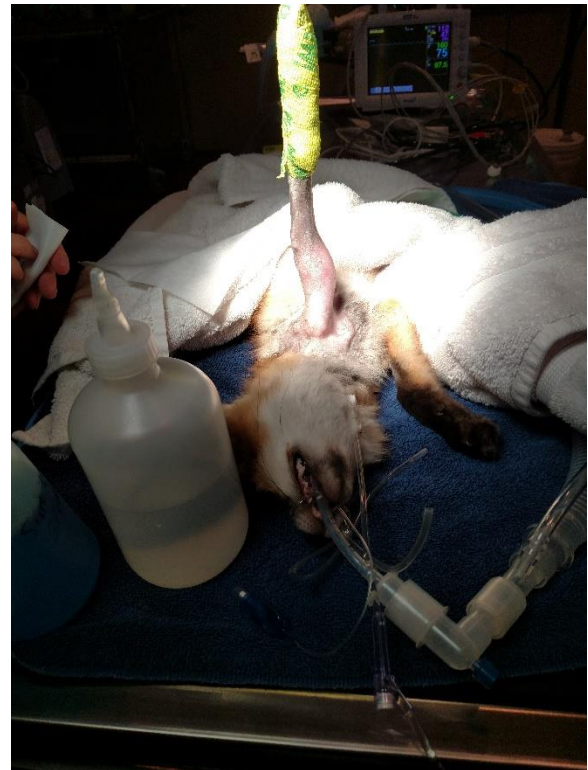
On 5/27, a red fox kit was admitted after being hit by a car. Along with some head trauma, she sustained a fracture to her left humerus.

Fortunately, she was a good candidate for surgery.

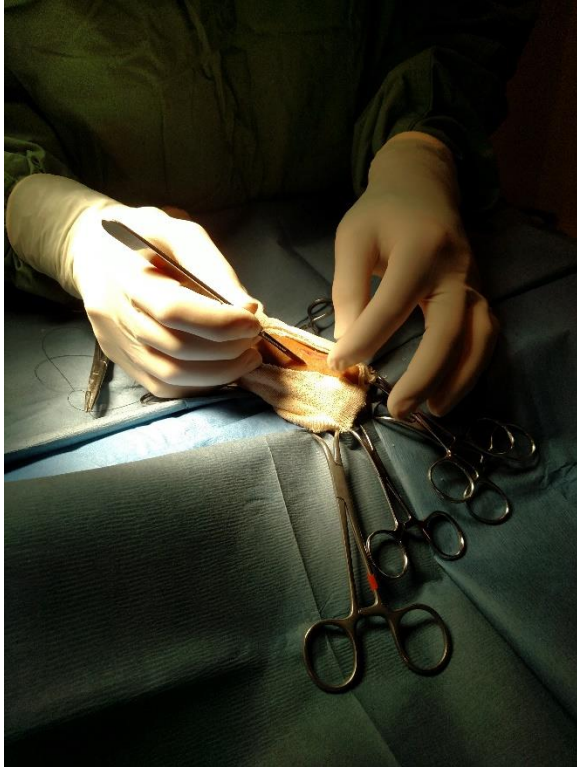
On Friday, May 31st, she was taken to Northern Paws Animal Hospital in Rhinelander, where Dr. & Mrs. Goodroad & one of their staff donated their time to complete orthopedic surgery pinning the bone back together.

She still has a long road ahead of her. After surgery care for wildlife is much more complicated than for domestic animals. Fingers crossed she will be accepting of the apparatus she temporarily needs to stabilize the pins until she heals.

Thanks Northern Paws Animal Hospital for giving her a chance!



Ready for surgery to begin.



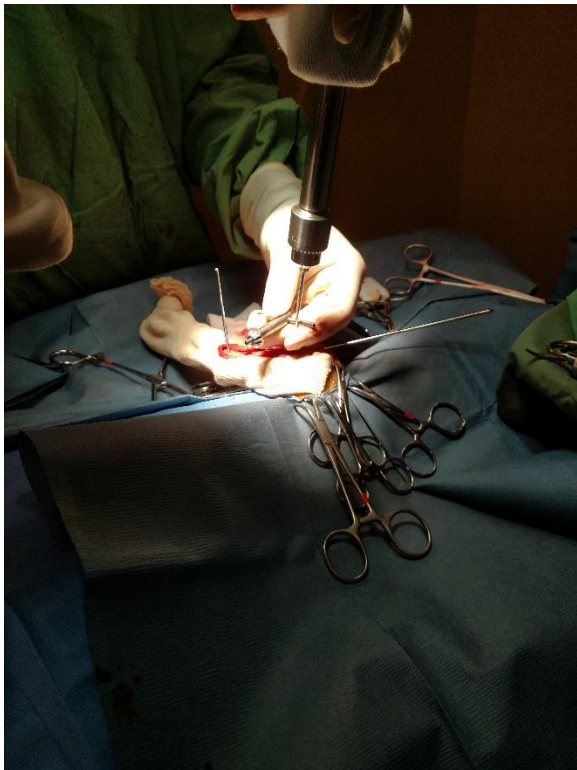
Let's see what we've got in there.



Good thing she won't have to pass through airport security.

Summer Interns

Our summer interns are here! They now have a couple weeks under their belt and are starting to get into a groove. It's a scary first couple weeks for our summer interns. They have to learn to feed and handle about one hundred patients of a myriad of species in a couple days. Oh, and there are more numbers and math involved than anyone expects! You'll hear more from them later this summer. Those following us on Facebook and Instagram will no doubt see more of them.



Pins being placed and stabilized.



Kendal, Carin, Mary, Carly, Maggie, Caroline



Big Brown Bat chilling out in bat flight enclosure before PT on his healed fractured wing.



When the power goes out, animal care goes on. Candles for warming formula, flashlights and lanterns everywhere, hand-warmers, etc. Gas generator runs fridge and freezers until power is restored.

Species 1/1-5/28/19	
American Bittern	1
American Crow	3
American Kestrel	1
American Robin	7
American Woodcock	2
Bald Eagle	13
Barred Owl	4
Big Brown Bat	14
Black Bear	9
Black-capped Chickadee	1
Blue Jay	3
Bobcat	3
Broad-winged Hawk	2
Canada Goose	1
Cape May Warbler	1
Chestnut-sided Warbler	1
Common Raven	1
Connecticut Warbler	1
Dark-eyed Junco	1
Deer Mouse	8
Downy Woodpecker	2
Eastern Chipmunk	3
Eastern Cottontail	68
Eastern Gray Squirrel	16
Eastern Gray Tree Frog	1
Eastern Kingbird	1
European Starling	1
Flying Squirrel (northern/southern combined)	3
Fox Snake (Eastern)	1
Golden-crowned Kinglet	1
Great Horned Owl	4
Hermit Thrush	1
Least Chipmunk	4
Little Brown Bat	1
Long-tailed Weasel	1
Mallard Duck	2
Mourning Dove	3
Muskrat	3
Northern Cardinal	1
Northern Saw-Whet Owl	2
Ovenbird	1
Pileated Woodpecker	2
Raccoon	26
Red Crossbill	1
Red Fox	2

Red Squirrel	13
Red-breasted Nuthatch	2
Red-tailed Hawk	1
Rock Dove	3
Rose-breasted Grosbeak	3
Ruby-throated Hummingbird	2
Sandhill Crane	1
Snapping Turtle	2
Snowshoe Hare	1
Turkey Vulture	1
Western Painted Turtle	4
White-breasted Nuthatch	1
White-tailed Deer	10
White-throated Sparrow	1
Wild Turkey	2
Wood Duck	2
Woodchuck	2
Total	279

UPCOMING EVENTS

Wild ScaVentures 2019

World Edition: July 27-30th, play from wherever in the world you are.

Local Edition: Aug 3rd Start/finish Newbold Town Hall, Rhinelander, WI 54501

Bake Sale:

Saturday, August 10th 8:00 a.m.-1:00 p.m.

Hodag Farmers' Market

Pioneer Park

Rhinelander, WI 54501



Young raccoon with milk mustache enjoys post-lunch nap.

Welcome to

INSTINCTS



Aug 2019

Vol 8:3

"The newsletter helping you follow your Wild Instincts."

101 DALMATIANS CLIFF SWALLOWS

When DOT is going to sandblast and paint bridges, they knowingly must remove nests and nestlings so are required to obtain a permit before doing so.

A bridge was being repainted in the Wausau area. As part of their permit, they were required to get a rehabber to agree to take the displaced birds.

When they called to see if we would take the birds they would displace they said it would be maybe 20 birds. Thirty tops. Then the weather changed and they couldn't get to the project when they were supposed to.

The birds, however, didn't hear about the postponement and kept on doing bird things.

The 30 birds at most turned into 101! They arrived in large cardboard box inside a garbage bag. Eighteen were dead on arrival.

Colonial nesters such as swallows have many nests at different ages in a colony. We had 83 birds of all ages from nestlings to almost fledgling. We scrambled.

We set up a 6' table in the middle of the nursery and separated birds into groups by age. Some needed feedings every 15 minutes, some could go every 30 and others every 60. The swallows alone added about 996 feedings to the day!

We put out the plea to rehabbers statewide. Dane County Humane Society Wildlife Center, Raptor Education Group and Wildlife

of Wisconsin all stepped forward to take some of them, even though it meant adding to their own patient and financial loads. We were left with 56 to raise to release. The interns stepped up and went to work. The good news is that birds tend to mature quickly so the intense work lasted a few weeks.

Oh, and of course, we still had normal patient intake on top of that.

That day in June will be always remembered as the 114 patient day!



A pile of 101 Cliff Swallows.



Some sorting done and feeding begun.



One of the older ones.



They certainly filled up the flight enclosure.



Moved out to the flight enclosure getting ready to become wild and free.

THE M-OPINION

The Migratory Bird Treaty Act is one of the nation's oldest wildlife conservation laws. The century-old federal statute makes it "unlawful at any time, by any means or in any manner, to pursue, hunt, take, capture, kill, attempt to take, capture, or kill" a wide variety of migratory birds. This had been long interpreted to apply to both intentional acts and unintentional acts resulting in harm to birds. The decades' longstanding interpretation of this was formalized by the Obama administration.

At the end of 2017 there was a change that affected bird rehabbers across the country. The M-Opinion now interprets the take prohibition of the Migratory Bird Treaty Act2 ("MBTA") to apply only to affirmative actions that "have as their purpose the taking or killing of migratory birds, their nests, or their eggs."

This basically guts safeguards that protected birds from the negative impacts of energy development, including oil and gas drilling and poorly placed wind energy facilities.

The result could be millions of dead birds, with no consequences for the responsible companies, including from major oil spills. This takes the teeth out of the most important legislation we have for bird

conservation at a time when many migratory bird species are experiencing major decline in populations. It also affects us on a smaller level. If someone wants to remove a dilapidated barn with known barn owls nesting (or 101 barn swallows for that matter) it no longer violates the MBTA to remove it with no consideration or accommodations made for the nesting birds. The landowner's knowledge or whether it was reasonably foreseeable that destroying the barn would kill the birds is irrelevant. Destroying the barn is the intent, birds are collateral damage. Too-bad-so-sad for the birds. It's also too-bad-so-sad for all of us as it's a big step backwards for conservation. We can tell you firsthand, it is the thing that gives rehabbers nightmares on more than one level. We can only hope that most people want to be good stewards and live in the best balance possible with their wild neighbor

WILD SCAVENTURE

Riddle me that
Riddle me this
What's the best fundraiser
You probably missed?



Tofu Never Screams team pretends to be lost in a place impossible to be lost as part of a ScaVenture Mission.

Why our Wild ScaVenture, of course!

Our first ever Wild ScaVenture WORLD edition took place from July 27-July 30. It was a scavenger hunt/adventure utilizing your smartphone. Missions were designed to be completed and played wherever you happened to be in the world. We had 10 teams with members playing in 9 different states! Missions ranged from as simple as taking a photo of a cloud and describing the shape or skipping stones to taking photos of Wisconsin's state fruit as close to original form as possible. Or naming one of three items we listed on our Amazon wish list on a certain date. Or narrating your own National Geographic adventure in your backyard or park. One creative team chose to use the Croc footwear aisle in Fleet Farm as their adventure site. We had educational missions as well. Answering riddles and questions like this:

Riddle me this
Riddle me that
What wild canine eye
Has pupils like a cat?

Every team got that answer right. It's fox, of course. Google to the rescue. The competition got heated. There was a tie for third and only 50 points separated first and second places. Everyone had a blast and learned stuff along the way. It was Family fun for everyone.

Here's a short video of some of the fun that we posted to our Facebook page.

[World ScaVenture 2019 Highlights](#)

We will be doing it again. We'll even give you and easy practice clue:

Riddle me that
Riddle me this
The next ScaVenture is something
You won't wanna miss!

NUMBer FUN

Each year as the summer goes on, we like to compare admissions to the previous years.

This year was overwhelming to say the least, even mind-numbing!

In 2019, we admitted a total of 927 animals for the entire year.

We tied that total this year on August 11th.

We admitted the 1000th patient for this year on August 20!

This is record-breaking for us.

That's a 36.8% increase in patient admissions. It's not even the end of the August. We still have a lot of the year left to go!

For those of you thinking "*yeah but the unusual 101 cliff swallows are an outlier and shouldn't be counted for a fair comparison*", without the cliff swallows, our patient intake is still up 23% over last year.

That is still SIGNIFICANT!

We'd also like to point out that we do not have a 36.8% (or even a 23%) increase in finances and the number of people handling this work increase is the same. This is why we haven't been updating Facebook as often and are taking longer to return emails, etc. Animal care always comes first. We have really appreciated your patience in those matters.

Every year since we started in 2011 we have had admission increases. The increases alternate each year from between 2-3% one year to 7-8% the next. Last year's increase was 8.3% so we were expecting 2-3% this year, maybe at most 8%.

We are staring at almost FIVE TIMES that! What is making this year so different? We are scratching heads along with everyone else.

Some things we noted:

- More critical care patients early in the spring
- record number of yearling bear in trouble
- underweight bear cubs
- less raccoon calls in April and more in late May and June
- a litter of young raccoons admitted a couple of days after releasing the 15 we already raised for the year
- after very small number of spring squirrels, a huge influx of fall squirrels
- an explosion Eastern Cottontails (so far we've admitted over 200)

One major factor seems to be weather related. Last year was a long, cool fall which affected bears' ability to build up fat for hibernation. It was a brutal winter which affect everyone. The spring was cold and wet which flooded dens and made little food available for those animals coming out of winter sleep. It made it difficult for those animals trying to raise young to get enough food to sustain their pregnancies and newborns.

Another factor may be more people are aware we exist and care enough about wild animals to get them to help.

Whatever the reason for the increase, we hope it is temporary. As we plan for the future, however, we will consider it may not be.



Bear cub contemplates the meaning of a stick.

SUMMER INTERNS' FALL MIGRATION

Each year we rely on interns to help with the influx of patients. These young people work their tails off at what is most likely the most demanding job of their life to this point. With this year's record-shattering numbers and the unbelievable 114 patient admission day, they worked and worked and worked!

As is the case with most immersion-type programs, they will be different when they leave than when they arrived. Even if it's just in the subtle confidence of being able to capture an eagle or knowingly tube feed a bunny. They arrive so excited, apprehensive and eager. They leave with mixed emotions about leaving animals still needing help and the call of a normal schedule with full nights' sleep with the added bonus of making the entire day without something pooping on their shirt. Their fall migration leaves us with mixed emotions as well. Will they take the lessons learned and apply them wisely to all aspects of their lives? Do they realize the lessons apply to more than wildlife care? Will they carry forward the knowledge of the need for rehab to ensure it's around for generations to come? Will they remember to take their toothpaste?



Little Brown Bat in flight tent.

IN THEIR OWN WORDS

A few Summer Interns reflect on their Wild Instincts experience:

Kendal Davis
Evergreen, Colorado
Senior
Colorado State University

One of the most incredible and rewarding parts of working in wildlife rehabilitations during baby season is getting to watch as animals grow and mature each day. Throughout the summer we have admitted a multitude of babies of all types of species. One of the most memorable for me is newborn "pinky" squirrels. When squirrels are born they are tiny and hairless with their eyes and ears closed. One day we admitted a batch of pinkies, and all seven could fit in the palm of my hand. The baby squirrels are called pinkies because without any hair, you just see the pink of their skin. It is easy to tell when a pinky is full because you can actually see the milk fill their stomachs after eating. But they do not stay pink for long. Getting to experience the rapid growth and development of these squirrels was incredible. In just a week they started to grow a little hair. It started as just a little fuzz on their nose, but soon spread over the whole body. Our little pinky squirrels were no longer pink, but various shades of rusty red (this batch happened to be Red Squirrels). Once their fur started coming in, so did their energy. When it's feeding time for the growing squirrels it is like a tornado hit their baby box. They squirm around like crazy, crawling all over each other, waiting, not so patiently, to be fed. After about four weeks you start to see the squirrels opening their eyes. It is very exciting to see their eyes crack open for the first time, and afterwards it's like a whole new world for the squirrels. They get very energetic and start exploring more, they eat solid food for the first time, and start developing their

active little squirrel personalities. And we as rehabbers get to witness this all. I will always remember the growth of a pinky squirrel that weighed less than 10 grams to a young adult that literally bounces off the walls, ready to be released back to the wild. Each milestone in the lives of these squirrels is as exciting as the next, and it was one of the many unforgettable experiences I had as an intern during baby season.



Summer Intern Kendal with Whisk.

Carly Portinen
Maple Grove, Minnesota
Graduate
St. Cloud State University

Hi, I'm Carly! I am a recent college graduate with a Bachelor of Science emphasizing on Wildlife Biology. I came into this internship with more experience in the domestic animal care field, so it has been really cool to learn more about the care and natural biology for wild animals in this area. Being from Minnesota, Rhinelander hasn't been too much of a change in regards to the types of animals and landscape. Though

over the course of the summer I have seen so many new animals that I have never seen before. For example, Wild Instincts cares for many different species of birds such as songbirds, merlins, killdeer, and multiple species of hawk. The best part about this internship is the wide range of knowledge I have gotten to learn from Mark and Sharon. I have learned so much about not only the animals we care for, but plants, ecology, history, and natural biology of different organisms. The question I get asked the most is: What is your favorite animal that you care for? This is so hard! There are so many awesome animals we have the pleasure of rehabbing and it's hard to choose just one. Some of my "favorites" would include squirrels, otters, bears, and bobcats. The most rewarding part of the job is watching the transformation from baby "pinkies" to crazy, energetic squirrels. I'm really excited to be able to stay through the fall and watch all of our young animals grow up and be released. This has truly been a once in a lifetime experience and I am so thankful to be a part of this amazing organization!



Summer and Fall Intern Carly holds Ruby for the first time.

Mary Shaver
Searsboro, Iowa
Freshman
Iowa State University

When I first decided to apply for an internship with Wild Instincts, I had no idea of what to expect. I had worked in various vet clinics throughout high school, but had never had an experience that would ever be equivalent to the hands on nature of my internship this summer. The rigorous work has been both stressful and rewarding but I have also learned so much from the experiences that I have had so far. I remember when we got 80 cliff swallows in on a single day. It started off as a normal day when we had gotten a call telling us to expect about 20-30 baby swallows. Little did we know that 20-30 Cliff Swallows actually turned into 80 Cliff Swallows. The sheer number of patients meant constant work and feedings. Sometimes the exhaustion would get discouraging but the longer that we worked with the swallows, the more we began to notice how they were growing and it seemed as though the hectic hours were paying off. Being able to see patients grow and get stronger and healthier has helped me to really appreciate my journey of this summer. Each day offers me something new to learn and interact with. All of the animals that we have interacted with this summer have showed me the dedication and effort that goes into ensuring the wellbeing of each and every individual patient. I would not trade this summer for any other experiences. The amount I have learned and the skills that I have gathered sets this job apart from others.



Summer Intern Mary feeds her first fawn.

Caroline Galliani
Evanston, IL
Senior

University of Vermont (Burlington)
When you think of wild animals in the United States, what location do you picture? For some reason, my mind immediately pictures huge charismatic animals in a vast boreal landscape. I picture a place where humans don't exist—Wisconsin has a human population of close to six million which means wild animals can't thrive here, right? Wrong. Very, very wrong. With over 1000 patients in 2019 and my opportunity to work to intimately with them, my entire perspective of wildlife has shifted. Wildlife can come in the form of a bobcat or Black bear, but it can also come in the form of a baby Deer mouse that gets found in a van (a patient admitted earlier this summer). And as I am sitting here typing, about to delve into greater detail about our patients, the phone rings. It's about 9:30 PM and I am "on call" which means I answer the phone for any animal questions or emergencies throughout the night. The call is about a "bunny" (Eastern Cottontail

Rabbit) that has been attacked by a cat. The woman on the other line explains that the bunny has open wounds, a damaged right eye, and appears to be in a lot of pain. I ask her if she can bring it in and she agrees. At 11:15 the bunny gets here and I perform exam followed by the necessary medications it needs. By midnight I am back home, anxious about our new patient but also exhausted and ready for bed knowing my shift starts at 7:30 tomorrow morning for the 8:00 AM feedings. Long story short, this written piece is shorter than I wanted, but it actually says a lot about this job. We prioritize the animals over everything and that's the way it should be.



Summer Intern Caroline holds her first eagle.



IN HONOR OR MEMORY OF

- ~In Memory of "Pharoah", a dog that loved and respected all wildlife
- ~In Honor of Sue Olson's birthday
- ~In Honor of Solomon & Atticus' 10th birthday
- ~In Memory of Gerry Smith
- ~In Memory of fawn hit by car
- ~In Honor of Jeff & Gene Lynott's 25th Wedding Anniversary
- ~In Memory of Bob Hasal
- ~In Honor of Gloria's birthday
- ~In Memory of "Nikki" Hunter
- ~In Memory of "Rudy" Scheel
- ~In Honor of Kathy Hilgers
- ~In Memory of Grandma Carol Johnson, fly high until we meet again
- ~In Honor of Jonathan Mack's birthday
- ~In Honor of newlywed Ali Shoeder

GULL IN TARRIBLE TROUBLE

Recently we admitted a ring-billed gull that had been found on a shoreline. When he arrived and we removed him from his box we were surprised to find him covered in a tar-like substance, most likely roofing tar. We used vegetable oil and patience to remove it.



Ring-billed gull covered in roofing tar.



Using vegetable oil, cotton swabs and patience to remove it.



Tar-free!

A RARE PRODUCT ENDORSEMENT

We cannot remember ever doing this in a newsletter before, but we have had such remarkable results we want to make sure everyone is aware of this product.

We are always looking for products to use on sensitive birds and that would be the least stressful to use with any wild animal in general.

A few years ago we came across a product called Veterinus Derma Gel. We started using it and were amazed at the results. We've shared it with a few friends, including veterinarians, who were equally impressed with the results.

We've decided to share it with all of you because chances are you are pet lovers as well as Wild Instincts supporters. You should be aware of this product and this company.



Sept 6



Oct 12

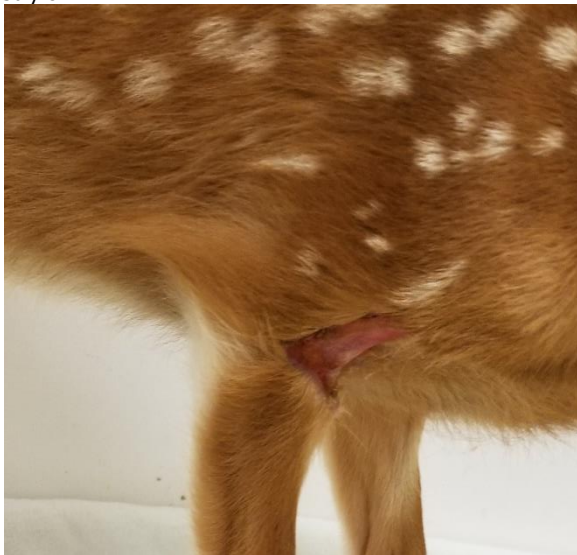
We first put Veterinus Derma Gel on our Amazon Wish List a year or so ago. A supporter bought us a case. The company noticed and not only added extra product, but sent a monetary donation with a note of encouragement for the work we do. We've used it for wounds on birds and mammals and even amphibians.

Here are a couple photo case studies:
Red-tailed Hawk with severe tissue damage on leg:

White-tailed Deer with tissue damage:



July 8



July 31

Their website is:

<https://www.derma-gel.com/index1.html>

Species 1/1-8/20/19

American Bittern	1
American Bullfrog	1
American Crow	5
American Goldfinch	2
American Kestrel	1
American Robin	55
American Woodcock	2
Bald Eagle	26
Baltimore Oriole	5
Barn Swallow	2
Barred Owl	5
Belted Kingfisher	2
Big Brown Bat	20
Black Bear	21
Black-and-White Warbler	5
Black-billed Cuckoo	1
Black-capped Chickadee	2
Blue Jay	7
Bobcat	11
Broad-winged Hawk	3
Brown-headed Cowbird	3
Canada Goose	8
Cape May Warbler	1
Cedar Waxwing	1
Chestnut-sided Warbler	1
Chipping Sparrow	15
Cliff Swallow	107
Common Gartersnake	2
Common Grackle	5
Common Loon	4
Common Merganser	1
Common Nighthawk	1
Common Raven	2
Connecticut Warbler	1
Coyote	1
Dark-eyed Junco	1
Deer Mouse	32
Downy Woodpecker	2
Eastern Chipmunk	7
Eastern Cottontail	233
Eastern Gray Squirrel	43
Eastern Gray Tree Frog	1

Eastern Kingbird	1	Red-headed Woodpecker	1
Eastern Phoebe	1	Red-tailed Hawk	2
Eastern Timber Wolf	1	Ring-billed Gull	2
Eastern Wood Pee Wee	1	River Otter	6
European Starling	6	Rock Dove	5
Flying Squirrel (northern/southern combined)	6	Rose-breasted Grosbeak	9
Fox Snake (Eastern)	1	Ruby-throated Hummingbird	13
Golden-crowned Kinglet	1	Ruffed Grouse	4
Great Blue Heron	2	Sandhill Crane	1
Great Horned Owl	4	Sharp-shinned Hawk	2
Green Frog	2	Short-tailed Shrew	3
Hairy Woodpecker	3	Short-tailed Weasel	2
Hermit Thrush	2	Silver-haired Bat	1
Hooded Merganser	1	Snapping Turtle	10
House Sparrow	2	Snowshoe Hare	2
House Wren	10	Sora Rail	1
Killdeer	3	Striped Skunk	1
Least Chipmunk	4	Thirteen-lined Ground Squirrel	7
Least Flycatcher	4	Trumpeter Swan	2
Little Brown Bat	2	Turkey Vulture	1
Long-tailed Weasel	1	Veery	1
Mallard Duck	13	Western Painted Turtle	22
Merlin	4	Whippoorwill	1
Midland Painted Turtle	1	White Pelican	1
Mink	4	White-breasted Nuthatch	3
Mourning Dove	16	White-tailed Deer	30
Muskrat	3	White-throated Sparrow	2
Northern Cardinal	2	Wild Turkey	3
Northern Flicker	6	Wilson's Snipe	1
Northern Saw-Whet Owl	2	Wood Duck	17
Northern Water Thrush	1	Woodchuck	2
Ovenbird	3	Yellow-bellied Sapsucker	2
Pileated Woodpecker	5	Total	1002
Porcupine	2		
Purple Finch	2		
Raccoon	33		
Red Crossbill	1		
Red Fox	2		
Red Squirrel	28		
Red-breasted Nuthatch	2		
Red-eyed Vireo	5		

UPCOMING EVENTS

Brat Sale:

Saturday, August 31st 10:00 a.m.-2:00 p.m.
Trig's Brat Hut
Rhineland, WI 54501

Welcome to

INSTINCTS



Nov 2019

Vol 8:4

"The newsletter helping you follow your Wild Instincts."

HIDE & SEEK

Part of our mission is wildlife research, in particular wildlife health and post-release studies.

Over the years we have participated in a few radio-telemetry studies with bobcat, fisher, and bear.

This year we were fortunate enough to collaborate with University of Wisconsin-Stevens Point in a bear study.

Radio-telemetry tracking collars were placed on two of our ten bear cubs at their release.

Two females were fitted with tracking collars and were released in the Chequamegon-Nicolet National Forest.

Students will be following their movements.



UWSP Faculty fit a female cub with a radio telemetry collar.



Collared cubs are released into their new home.



UWSP student uses radio-telemetry to locate the cubs. (Photo courtesy of UWSP)

As with past radio-telemetry studies of our cubs, these two went their separate ways almost immediately.

It generally surprises people that although we release our cubs in groups, they separate quickly and den up alone. If they were still with their mom, the first year they would den up with her.

At our last update, one cub had denned up pretty much at the release site and the other had denned up about 20 miles away. One of our hopes here at Wild Instincts, is that these females will continue to be tracked into their motherhood. This could allow us the future opportunity to use them as foster parents.

In the early spring, before all the bears have left their dens, we sometimes admit cubs from dens that have been disturbed. Bears are excellent moms. When there were a few research studies going on, we could locate females in their dens with cubs. This allowed us to place young orphaned cubs with wild sows in their dens to be raised as

one of their own. Having a wild animal raise by a wild mom is the best case scenario. This worked well for us if the timing of cub admissions and bears leaving dens worked. However, over the years, the studies have ended and it's difficult to find a bear telemetry study that would show us where nursing sows are denned. It would be very fulfilling to be able to use a bear that was raised at Wild Instincts and released back to the wild to foster another wild cub that was in need; sort of completing the circle.

RECORD-BREAKING, BACK-BREAKING, BANK-BREAKING!

Those words pretty much sum-up 2019 for Wild Instincts.

On August 11, 2019, we tied the total of admissions for the entire year of 2018! At the time of this writing, we have admitted over 1150 patients this year so far.

This great influx of patients isn't occurring just at our center, but across the Midwest. We're guessing it has something to do with the weather, but we don't know for sure. What we do know for sure is the affect it has had on us AND our bank account.

This Rehab Season began with many costly critical admissions and continued in earnest the rest of the season. Our interns worked harder than ever this year. We all scrambled just to keep up animal care. It was extra exhausting!

This 30% increase in admissions, especially when coupled with an increase in costly critical admissions, resulted in a severe drain in not only our physical and emotional energy, but also the bank account.

This is the time of year rehabbers regroup and recharge physically and emotionally from the busy rehab season to rebuild for next season as only they can do.

YOU can help us regroup and recharge the coffers back up.

Renew you membership. Donate in honor of someone for a gift. Shop with Amazon

Smile. Donate whole fish from your fishing outing. Spread the word about us and the work we do.

This is what allows us to continue helping wildlife.

The way this fall has started there is good reason to think 2020 may be a repeat of this year.

Won't you please help us help them?

LESS PAPER

It's been a difficult decision a long time coming, but we will no longer be sending our paper newsletter every quarter. To save mailing and printing costs, we will send out one large annual printed newsletter to those members unable to receive their newsletters online. Look for it at this time of year in your mailbox next year. We'll make it worth the wait!

Quarterly newsletters will continue to be sent out digitally to those signed up for digital newsletters and be available on-line as always.

Thank you for your understanding.

RELEASE SEASON

People often comment that it must be difficult for us when it comes to Release Day. After all we put our heart and soul into each animal and then we let them go! Well, we know from the beginning that is the goal.

Yes, it's bittersweet but there is more sweet than bitter. Everyone should be allowed the life they are meant to live.



After healing from a leg fracture that required surgery, a red fox runs free.



Some of the fawns admitted this spring.



Some of the 11 fawns being released.



Heading off to be Wild and Free.



Young River Otters



Six River Otter being released.



Their first look at their new home.



FREE!



Five young of the year eagles join our Foster Eagle, Zhishay, and another adult in care in our eagle flight enclosure.



Intern Carly releases one of the five young eagles in Sauk City.

#GIVINGTUESDAY

#GivingTuesday is December 3, 2019. This movement harnesses the collective power of a unique blend of partners to transform how people think about, talk about, and participate in the giving season. It inspires people to take collective action to improve their communities, give back in better, smarter ways to the charities and causes they believe in, and help create a better world.

#GivingTuesday demonstrates how every act of generosity counts and that they mean even more when we give together. It's a day to inspire generosity in all forms, a day for people to generously share whatever they can, whether it is their time, skills, voice, or money.

To help raise awareness of charitable causes and amplify donors' generosity, Facebook will match eligible donations that are made on Facebook during Giving Tuesday 2019 up to the full match amount. Facebook's match for Giving Tuesday 2019 begins at 8:00 AM Eastern Time (5:00 AM Pacific Time) on Tuesday, December 3, 2019.

Things to keep in mind:

~Donations are matched dollar for dollar on a first-come, first-served basis until the match is met. Last year Facebook and PayPal teamed up to match \$7 Million dollars. That goal was reached within a matter of seconds of the start. This year's match amount has not been announced yet.

~After the match funds are used, donations are still important! Wild Instincts didn't get any of the match funds last year, but we raised much needed funds thanks to people like you.

~Any US-based 501(c)(3) nonprofit eligible to receive donations on Facebook can be matched.

~Facebook will match up to a total of \$100,000 per nonprofit organization.

~Each donor can have up to \$20,000 in eligible donations matched on Giving Tuesday.

~Facebook covers all processing fees for donations made on Facebook to charitable organizations.

Despite the fact Wild Instincts didn't get any of the match funds last year, we still raised an impressive \$5903.52.

Can we do even better this year? If you read the "Record-breaking, Back-breaking, Bank-breaking" article, you'll see why we NEED to do better this year. It is more important than ever this year to build back the bank account.

There is reason to think 2020 could be a repeat of this year.

Any little bit helps us help them.

GET THE LEAD OUT

We continue to fight to get the lead out of fishing and hunting equipment.

Almost 96% of the eagles we tested for lead this year had it in their blood.

We all know how toxic lead is. We removed it from our paint. We removed it from our gasoline.

It's time to remove it from our wildlife.

Click [HERE](#) for a short video of a 2-3 year old eagle with lead poisoning struggling for life.

Because this is such an important topic, especially at this time of year, we are including an in-depth blog post we wrote from 2016.

Please share far and wide.

[A Plea for Non-Lead](#)

In a few days Wisconsin's Gun Deer Season opens, bringing an estimated 600,000 hunters to the woods.

Now is the time they are making their last minute preparations and packing for the trip to the Hunting Camp. The lists are long: food, beverages, long underwear, extra socks, playing cards, etc. The top of everyone's list should read: **LEAD ALTERNATIVE AMMUNITION.**

Every fall after upland game hunting season starts, but especially after gun deer season begins, Wisconsin wildlife rehabilitators see an increase of bald eagles suffering from lead poisoning.

It's not from eagles being shot, accidentally or otherwise, but rather from lead bullet fragments being ingested from gut piles and carcasses that succumbed to hunters using lead ammunition but are not found or retrieved.

We recently said as much on TV and received some heated challenges indicating we made that up. We wish we had because that would be easy to fix, but alas, we did not. A simple Internet search will lead you to many scientific studies on the subject, but we know you are busy getting ready for Saturday, so we've brought some of the important findings to you here.

Lead is a naturally occurring highly toxic mineral. The earliest known lead mine dates to 6500 BC. Lead toxicity was known and recorded as early as 2000 BC. Our modern society has removed it from gasoline and paint. It's been outlawed from ammunition used for waterfowl since 1991 because of the incidental deaths of over 2 million waterfowl annually by their eating of spent lead shot in sediments while feeding and developing lead poisoning from it. Lead shot and rifle bullets, however, are still widely used for hunting mammals and upland game birds. Lead sinkers and lures are still in used by anglers. These uses expose bald eagles, loons, swans, vultures, ravens and other birds to the hazards of lead poisoning by adding lead to your hunting grounds.

Hunting guns today come in a huge variety. They shoot a projectile that expands on impact to help inflict a humane kill. How that projectile expands and what happens to it after it enters the target's body depends on what it is made from. There have been many studies in recent years to show how far the projectile expands and where the fragments end up. The results may amaze you:

No matter the type of animal or type of lead-based bullet, lead bullets fragment when fired into an animal.

The fragment size and number varies but can number in the 100's in just ONE carcass.

Fragments sprayed out from the wound channel a great distance, up to 18"

Monolithic copper bullets produce few, if any, fragments within carcasses.

Interesting and scary, huh?

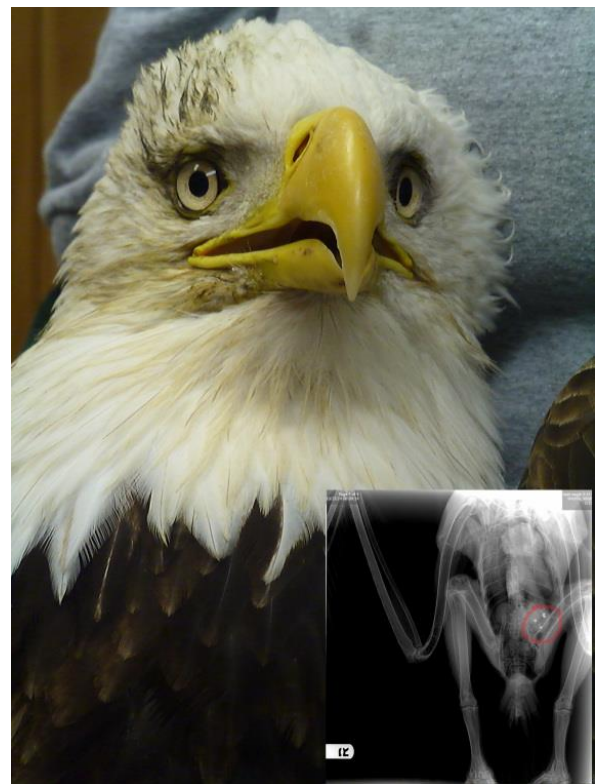


Photo courtesy of Minnesota Department of Natural Resources, Farmland Wildlife Populations and Research Group, 35365 800th Ave, Madelia, MN 56062

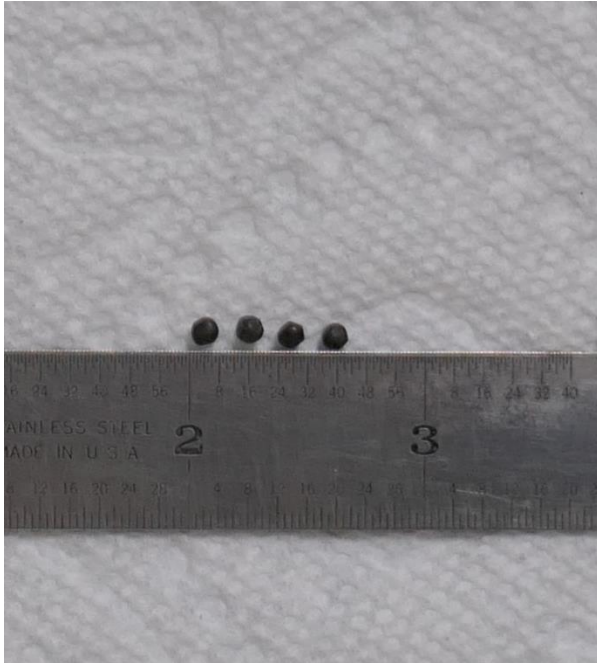
This is scary, too. An x-ray of a domestic sheep shot with lead ammo. Bullet fragments are within the red circles and throughout the body cavity and pelvic cavity, even though it was shot behind the shoulder blade.

Think about that. Your use of lead creates a firestorm of small lead fragments that significantly increases the chance eagles or other wildlife will scavenge these fragments in the gut pile or carcass you leave behind. It also means more than one animal can be poisoned by a single carcass. Bald eagles

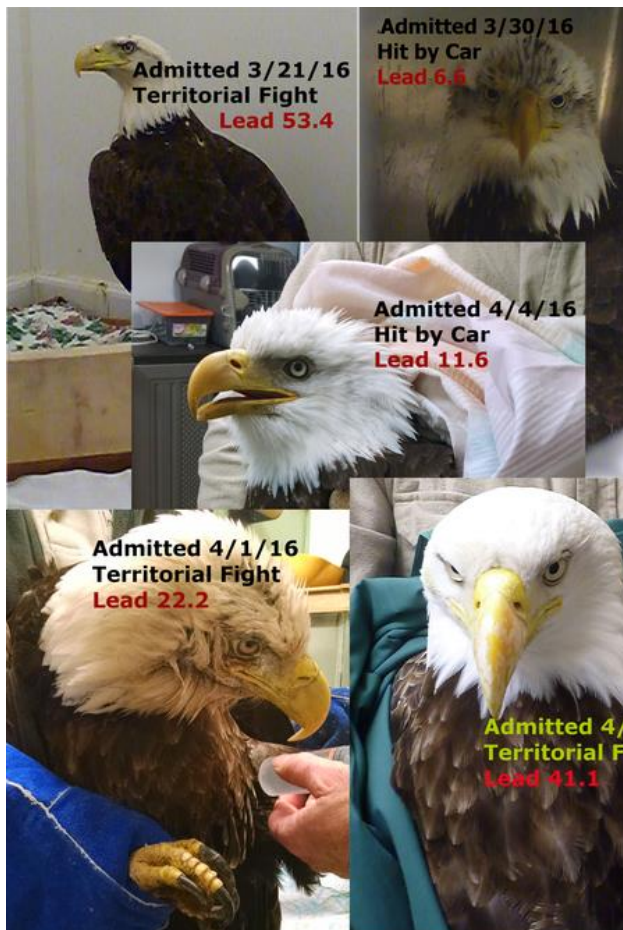
are great scavengers. Gut piles and unretrieved carcasses are easy buffets. Especially in hunting seasons with no snow to cover them. This is HOW eagles get lead in their systems this time of year. Really. We aren't making this up and there are many scientific studies out there to prove it. In years when there is a lot of snow for hunting season and throughout the winter, we have a delay in admissions with a second surge of patients. When snow starts to melt and uncover lead-tainted carcasses from hunting season that had been snow covered for the winter, we see another uptick in lead poisoned eagle admissions.



Eagle admitted to Wild Instincts with lead shot fragments in its stomach.



Just one of these pellets is enough to kill an adult eagle with lead poisoning.



Some faces of lead poisoning.

What happens after an eagle accidentally ingests lead fragments from the ammunition you used on your 30 Pointer? The lead fragment(s) are broken down by the stomach acid to form toxic lead salts which are absorbed into the blood stream. Lead interferes with calcium and causes neurological effects –think seizures here. It affects kidney and liver function. It affects growth, feeding behavior, locomotion, balance, depth perception. It affects every aspect of that bird’s life and its ability to survive in the wild.

We draw blood on each eagle we admit to test for lead. There are guidelines that divide the results into different levels. Background level (<.2 ppm (20 µ/dl)) is a very low elevation. Subclinical level (.2 to .5 ppm (20-50 µ/dl)) means they have elevated levels, but they aren’t high enough to cause visible symptoms and finally clinical lead toxicity (>greater than .5 (50 µ/dl)). Our years of experience, however, have shown us these guidelines are often misleading. We have admitted quite a number of birds that should fit into the Background Level of less than .2ppm (20 µ/dl) that are showing clinical symptoms! Our protocol is now not to release a bird until its blood level is too low to read. Birds that have lead levels supposedly too low to cause death, still have effects on their health and life. There have been reports of birds with low blood lead levels being more susceptible to predations, hunting, collisions with vehicles or power lines, etc. Birds that have elevated levels of lead in their blood are started on treatment immediately. Chelation binds the lead from soft tissue and bone for excretion. It depletes good minerals along with the lead. The treatment for lead poisoning is grueling on the bird. Lots of supportive care is given and rehabbers invest their hearts and souls into every bird. Still, some make it and many do not.

This happens not only in Wisconsin, but across the U.S.

Think about all the needless deaths from just ONE lead fragment contaminated animal and multiply it across the U.S. Deer hunting is the most popular type of hunting in the U.S. with over 10 million people participating in 2006. It's common practice to field dress deer by removing the internal organs to leave a lighter, easier-to-drag-out-to-the-car carcass. The entrails are left in place in a gut pile for wild animals to scavenge. There are also deer that are wounded, but not recovered that die in the woods, again for wild animals to scavenge. Small game hunters number around 7.5 million. The above deer scenario is repeated for these rabbits, squirrels, grouse, etc. By now you shouldn't be surprised that doesn't just happen in the U.S., but all over the world. It's heartbreaking.



Eagle with lead poisoning unable to hold its head up.

It's totally and easily preventable. Replace your lead ammunition and fishing tackle with non-lead alternatives. Get your friends and family to do the same thing.

Now.

They can't wait.



Eagle trying to survive the treatment for lead poisoning. People are responsible for this. It is completely preventable.

GreatNonprofits.org

If you love our work then tell the world! You have an opportunity to help us make even more of a difference for wildlife. GreatNonprofits is a review site like TripAdvisor. Won't you help us raise visibility for our work by posting a review of your experience with us? All reviews will be visible to potential donors and volunteers. It's easy and only takes 3 minutes! Click [HERE](#) to get started!

WHITE PELICANS IN WISCONSIN

The lakes of northern Wisconsin were part of the white pelicans' historic range. They were regularly seen in the Rhinelander area before World War 1, but rarely after that time; most of them had been killed off by hunters. Believe it or not, these once-scarce

birds are now appearing in ever-growing numbers in Wisconsin. In fact, we admitted two this year! Adults weigh about 16 pounds with an impressive 9-foot wingspan. They have black primary and outer secondary feathers. Unlike their brown cousins, the white pelicans fish in groups by floating atop the water. They simply dip their heads below the surface to troll for gizzard shad and emerald shiners (in Wisconsin), using their feet and wings to corral fish. They eat about three pounds of fish per day.



This White Pelican was intentionally shot by someone. Despite witnesses, the culprit has not been found.



A young, emaciated pelican being tube fed.

WHAT IS #MyGivingStory?

Would you like to help us win \$10,000? Launched in partnership with the Bill and Melinda Gates Foundation, #MyGivingStory is an annual social media contest held each November in conjunction with

GivingTuesday that fosters a public conversation about generosity and encourages more people to give.

Throughout the month of November, people will be able to submit their stories about inspiring examples of giving (time, money, skills, goods, etc.) into an online gallery, share their stories across their social media networks, generate votes for their story, and have the opportunity to win grants for their favorite nonprofit organizations. Stories may be submitted in written or video format

The 20 stories that receive the most votes in the online gallery during the month of November will be sent to a panel of judges who will award the winner.

Are you interested in writing a short piece to inspire others to give? It doesn't have to be long, maybe 500-600 heartfelt, thoughtful words. You could include a photo.

Don't like writing? A short video works, too. Telling your story is a meaningful way to inspire more generosity. If you did a kind act or were the recipient of one that impacted lives for the better, it's worth sharing! It might feel like bragging at first, but your story will bring others a lot of joy and will help to keep the ripple of good going.

Plus, you could win up to \$10,000 for us!

Submit your essay or video by Dec 3 to www.mygivingstory.givingtuesday.org.

When you enter your story, you will be asked to name the nonprofit organization that would receive the grant if their story wins.

Make sure you fill in Wild Instincts as your chosen nonprofit!

2020 CALENDARS ARE HERE!



The Wild Instincts 2020 Calendars are here. Full of photos of patients with fun facts and educational material.

Cost is \$20.00 per calendar. You may pick them up at Wild Instincts.

If you need them shipped, there is a shipping fee that depends on how many calendars are shipped.

Email us at sharon@wildinstinctsrehab.com for details on shipping calendars.

many critical care yearling bears were admitted this spring.

A total of 32 green organizations received a share of the \$37,398 in Green Gifts from Cellcom this year. The Green Gifts program uses funds generated from Cellcom's cell phone recycling program to fund green nonprofit initiatives. Customers and community members can bring in their old or unwanted phones to be reused and recycled. Cellcom sends the phones to recyclers who in return send money to Cellcom for the materials that were saved from the phones. Cellcom's Green Gift program completes the green cycle that starts with consumers being environmentally-conscious and donating their devices.

"By simply recycling old devices our customers are partners in our Green Gifts program. Together we are investing in our communities and contributing to programs and projects that support sustainability and have a positive impact on the environment," said Cindy Durand, director of public affairs at Cellcom.

Cellcom is proud to support organizations of all sizes, whose work is impacting the community and building a greener tomorrow. The company's recycling program has generated \$484,373 for local charities over the past 16 years.

CELLCOM GREEN GIFT



Cell Com awards Wild Instincts a Green Gift Grant

Wild Instincts was thrilled to receive a Green Gift from Cellcom this year. It was used to purchase a new stainless steel cage that became a priority after so



IN HONOR OR MEMORY OF

- ~ In Honor of our treasured car, Ramsey, who just turned 20
- ~In Memory of Jo Boll
- ~In Honor of Erin Wallis and Randy Marvin's wedding
- ~In Honor of Cindy Mutter's Birthday
- ~In Honor of Abbie Mikunda's Birthday
- ~In Honor of Hope & Frank Carmines' Anniversary

~In Honor of Elsie & Bob Thornton's Anniversary
~In Honor of Laura & Nate DeHart's Anniversary
~In Loving Memory of beloved feline, Ramsey Potter, who left too soon at age 20
~ In Honor of Kathy Hilgers
~In Memory of Arthur Benson

SCRIP

Thinking of giving a gift card for the holidays? Need groceries for that big holiday meal?
Don't forget about Trig's Scrip!



We can get \$50 and \$100 Trig's gift cards. They spend exactly like cash. Trig's supports us by giving us a discount on the cards so every purchase of Scrip is a donation to us. You have to buy groceries anyway so why not help us in the process? For more information email sharon@wildinstinctsrehab.com

DON'T FORGET TO SMILE!

For those of you using Amazon for your shopping, now and year around, don't forget to use smile.amazon! AmazonSmile is a website operated by Amazon with the same products, prices, and shopping features as Amazon.com.

The difference is that when you shop on AmazonSmile, the AmazonSmile Foundation will donate 0.5% of the purchase price of eligible products to the charitable organization of your choice. Choose Wild Instincts!

Click on the gift box below for a direct link to support Wild Instincts while you shop.



Remember to choose us as your default charity so we always benefit from your shopping.

Last quarter we received \$163 from your Amazon Smile donations.

That's enough to feed a Tundra Swan for its winter stay.

TUNDRA SWAN

This time of year we can see Tundra as well as Trumpeter Swans come through our door.

While Trumpeter Swans breed in areas of Wisconsin, Tundra Swans breed in the Arctic. They make a more than 3500 mile migration from the Arctic to their wintering grounds off Chesapeake Bay and the North Carolina Coast.

Tundra Swans winter on the water and sleep afloat.

Because of a shoulder injury requiring lots of time to heal, however, this one will be wintering here at Wild Instincts.



Young Tundra Swans have more extensive pink on their mid bill than Trumpeter Swans. They also do not have black near their lores.



Young Tundra Swan.

Species Admitted

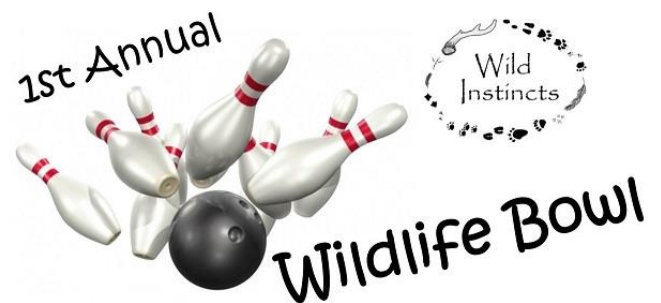
Species Admitted 1/1-10/31

American Bittern	1
American Bullfrog	1
American Crow	5
American Goldfinch	5
American Kestrel	1
American Robin	59
American Woodcock	2
Bald Eagle	37
Baltimore Oriole	5
Barn Swallow	2
Barred Owl	5
Belted Kingfisher	2

Big Brown Bat	22
Black Bear	21
Black-and-White Warbler	5
Black-billed Cuckoo	2
Black-capped Chickadee	3
Blue Jay	10
Bobcat	11
Broad-winged Hawk	5
Brown-headed Cowbird	3
Canada Goose	9
Cape May Warbler	1
Cedar Waxwing	1
Chestnut-sided Warbler	1
Chipping Sparrow	17
Cliff Swallow	107
Common Gartersnake	3
Common Grackle	5
Common Loon	8
Common Merganser	1
Common Nighthawk	1
Common Raven	4
Connecticut Warbler	1
Coyote	1
Dark-eyed Junco	1
Deer Mouse	51
Downy Woodpecker	2
Eastern Chipmunk	13
Eastern Cottontail	245
Eastern Gray Squirrel	61
Eastern Gray Tree Frog	1
Eastern Kingbird	1
Eastern Phoebe	1
Eastern Timber Wolf	1
Eastern Wood Pee Wee	1
European Starling	6
Flying Squirrel (northern/southern combined)	10
Fox Snake (Eastern)	1
Golden-crowned Kinglet	1
Great Blue Heron	2
Great Horned Owl	6
Green Frog	2

Hairy Woodpecker	3	Short-tailed Weasel	2
Hermit Thrush	2	Silver-haired Bat	1
Hooded Merganser	1	Snapping Turtle	17
House Sparrow	2	Snowshoe Hare	2
House Wren	10	Sora Rail	1
Killdeer	4	Striped Skunk	1
Least Chipmunk	4	Tennessee Warbler	1
Least Flycatcher	4	Thirteen-lined Ground Squirrel	7
Little Brown Bat	2	Trumpeter Swan	2
Long-tailed Weasel	1	Turkey Vulture	2
Mallard Duck	14	Veery	1
Meadow Vole	4	Western Painted Turtle	22
Merlin	4	Whippoorwill	1
Midland Painted Turtle	1	White Pelican	2
Mink	4	White-breasted Nuthatch	3
Mourning Dove	20	White-tailed Deer	31
Mourning Warbler	1	White-throated Sparrow	2
Muskrat	3	Wild Turkey	3
Northern Cardinal	2	Wilson's Snipe	1
Northern Flicker	9	Wood Duck	19
Northern Saw-Whet Owl	2	Woodchuck	3
Northern Water Thrush	1	Yellow-bellied Sapsucker	3
Ovenbird	3	Yellow-rumped Warbler	1
Pileated Woodpecker	5	Total	1144
Porcupine	3		
Purple Finch	2		
Raccoon	34		
Red Crossbill	1		
Red Fox	2		
Red Squirrel	30		
Red-breasted Nuthatch	2		
Red-eyed Vireo	7		
Red-headed Woodpecker	1		
Red-tailed Hawk	4		
Ring-billed Gull	5		
River Otter	6		
Rock Dove	6		
Rose-breasted Grosbeak	9		
Ruby-throated Hummingbird	15		
Ruffed Grouse	4		
Sandhill Crane	1		
Sharp-shinned Hawk	2		
Short-tailed Shrew	3		

UPCOMING EVENTS



This 9 pin no tap no handicap fundraising tournament takes place on Sunday, January 26, 2020 at Hodag Lanes in Rhinelander. Come meet our education birds from 12:00-12:45.

Then the tournament begins with bowling from 1:00-3:00p.m.
Cash prizes for men and women. Four bowlers/lane, three games/bowler. \$10.00 entry fee.
Door & Pin prizes as well as raffles.
Register on-line at by clicking [HERE](#).

