

Apr 18, 2012 7:00:34 PM - NATIONAL WILDLIFE FEDERATION

00:17 - **Rita Crocker**

Hi Shea!

00:24 - **Donna Tolliver (Sutherland)**

Hi, all Virginia Master Naturalists and NWF members and everyone!

01:27 - **Jody Ullmann**

Hello fellow VA master Naturalist! I'm from Tidewater Chapter. What Chapter are you from?

01:43 - **Michael 1**

Hi from Dallas. North Texas Master Naturalists Michael and Jeanne

01:48 - **kelliarmes**

Pocahontas Chapter (Chesterfield County, VA)

02:05 - **Angelika Fuller (Thrall)**

TX Master Naturalist here! Williamson County Chapter

02:08 - **Donna Tolliver (Sutherland)**

Pocahontas VA

02:11 - **Milu Karp**

should we be seeing you?

02:39 - **John Black (Browns Mills)**

NJ Master Naturalist here

02:47 - **Lisa Ann Green #2**

Hello from New Mexico!

02:50 - **Kristy Liercke**

The Fairfax Chapter of the Virginia Master Naturalists is also represented!

02:50 - **Rita Crocker**

Milu, you should only hear live audio, the presentation will probably be on the slides.

02:58 - **mswick@dnr.in.gov**

Hello Everyone! Michelle Swick, Naturalist from Raccoon State Recreation Area, Rockville, IN

03:11 - **Kristy Liercke**

The Audubon Society of Northern Virginia is also represented

03:11 - **Milu Karp**

wonderful thanks...I can hear perfectly

03:14 - **Gabriela Arnold Sparta**

Hello thank you ahead of time for all the info

03:54 - **lindjoy23**

penn state master gardener of crawford county pa

04:03 - **Michael 1**

sorry, missed where the X is...

04:21 - **Rita Crocker**

Michael-up under your name

04:27 - **Marcia Alvarez**

what happens to those of us using a microphone instead of a telephone

04:38 - **Annie Kassler**

Annie Kassler...Camden Maine

05:41 - **Gabriela Arnold Sparta**

this is fun

05:57 - **Lisa Ann Green #2**

who is the other one in New Mexico?

06:46 - **Becky Kerr (Aztec)**

Becky Kerr from NM

06:57 - **Lisa Ann Green #2**

Hi Lisa Ann in Farmington

07:29 - **Becky Kerr (Aztec)**

We need to meet

07:51 - **Pella Wildlife Company**

This is Kimi Evans, Kristie Burns, Travis, Sam, Kristi, Nikki, Jaimie, Kim, Kristina and Kevin from Pella Wildlife Company in Iowa

08:05 - **George Jefferson 2**

George Jefferson Va Master Naturalist and the Assistant Ranger at Hanging Rock State Park in Danbury NC

08:10 - **Gabriela Arnold Sparta**

someone from northern NJ

08:32 - **John Black (Browns Mills)**

I am a US FWS volunteer

08:46 - **Lillian\_Ledford**

Blandy Farm, Boyce Virginia!

09:34 - **Pat Herrera**

Riverine Master Naturalist Chapters Participants - Sally S. Dixie H. Suzanne H. and Pat H. signing in.

09:39 - **Sheri Cooper**

I love the arboretum!

09:45 - **Michael 1**

rare puppy bat.....

09:48 - **Lillian\_Ledford**

Thanks Sheri, me too!

10:02 - **Rita Crocker**

sounds like someone wants some attention!

10:05 - **Sheri Cooper**

We try to get over there at least once a season

10:29 - **Pat Herrera**

Hi Nancy B.

10:55 - **Lisa Ann Green #2**

Becky send me your email address in the private chat

11:03 - **Rita Crocker**

I've already signed up my summer school classes!

11:06 - **Eliza Russell (NWF)**

So my best bat story... waking up with a bat on my pillow next to my head... just hanging out. It was fun

11:17 - **Eliza Russell (NWF)**

:)

11:19 - **Lisa Ann Green #2**

awwwwwwwwww

11:26 - **Becky Kerr (Aztec)**

I do not know how to do that

11:49 - **Lisa Ann Green #2**

double click on my name in participants

12:33 - **Rose Norris**

Are there any other NRV Master Naturalists?

12:57 - **George Jefferson 2**

New River Chapter VMN

13:49 - **Eliza Russell (NWF)**

Wow.. that is alot of bats

14:01 - **Eliza Russell (NWF)**

What bats live near you

14:23 - **Angelika Fuller (Thrall)**

Mexican free-tail

14:33 - **George Jefferson 2**

little brown and indiana

14:59 - **John Black (Browns Mills)**

Little brown and big brown bats

15:09 - **kelliarmes**

so bats don't carry rabies like people say all the time?

15:17 - **Lillian\_Ledford**

They're mammals, so they can.

15:25 - **ann froschauer 3**

only about 1/2 of 1% of bats carry rabies

15:47 - **kelliarmes**

thanks! that is pretty low

16:00 - **Lillian\_Ledford**

Little and big browns, northern long eared, virginia big eared...

16:10 - **Eliza Russell (NWF)**

Eat the stink bugs would be nice form my house

16:27 - **ann froschauer 3**

it's no more than raccoons, foxes, skunks or possums.

16:54 - **James (Soudan)**

Where can we get that list of plants?

17:11 - **SheaStaten@yahoo.com**

Rafinesque's big-eared bats, Southeastern Myotis, Eastern Red Bats, Evening Bats, Tri Colored Bats,... 15 species have been documented in MS

17:17 - **Gretchen Nareff**

I'm an ornithologist and really interested in getting involved with bats. If anyone can recommend how to do that, please private chat me. Thanks!

17:18 - **Apple Snider**

sometimes you may see higher rates of rabies-infected bats reported--that's typically because the records are coming from the Dept of Health where sick bats are sent for testing

17:44 - **Apple Snider**

but like Ann wrote, only about 1/2 of 1% of wild bats carry the rabies virus

17:45 - **brc**

Moderator--is there a dial in number too, the audio on our streaming is a mess. THanks!

17:47 - **Lillian Ledford**

I wonder if they'll get into Bacardi Rum's relationship with bats...

17:49 - **Eliza Russell (NWF)**

James - Soudan - this is being record but also on Batcon.org

18:14 - **Eliza Russell (NWF)**

1-800-791-2345 x69033 is the call in

18:22 - **Gabriela Arnold Sparta**

what happened to the bats in NJ?

18:50 - **Sandy Frost #2**

Ann Froschauer will talk about bats in the NE!

18:51 - **John Black (Browns Mills)**

weather and habitat loss for bats in NJ

19:01 - **Gabriela Arnold Sparta**

For the past 2 years I haven't seeing any here in Sparta and we had a lot

19:14 - **Gabriela Arnold Sparta**

tx

19:16 - **John Black (Browns Mills)**

I have seen 4 so far this year

19:53 - **John Black (Browns Mills)**

we had one hanging out at the Edwin B Forsythe NWR for a few weeks

20:13 - **ann froschauer 3**

Many bats in the Northeast have died from a disease called white-nose syndrome. I will discuss this in a little while, like Sandy said.

20:18 - **Rita Crocker**

brc, if you have more than one 'window' open (something that I have done when my computer was not fast enough and I 'clicked' too much)-anyway, try to close some of the extra windows and the 'echo' goes away.

20:18 - **Gabriela Arnold Sparta**

not me I hope to see some we will need them this summer

20:37 - **Christine Macchia**

(m)I'm a Master Naturalist from Virginia Beach, up in CT now(m)(m)

20:55 - **John Black (Browns Mills)**

looks like bracken

21:20 - **Gabriela Arnold Sparta**

great pictures

21:24 - **CINDY LOOS**

wonderful place to see the bats!

21:28 - **Janet Bearden, Haywood, VA**

Anyone else not getting slides? Have seen only 3.

22:00 - **Pat Herrera**

Thank you :)

22:01 - **Gabriela Arnold Sparta**

good job James

22:05 - **Kristy Liercke**

I'm seeing the slides, Janet.

22:10 - **Leigh Ann Reynolds In (Waterville Valley)**

:) Thanks!

22:23 - **Gabriela Arnold Sparta**

Are those your pictures James?

22:24 - **Michael 1**

we're convinced! hope you'll talk about how to attract them in suburbia

22:28 - **mswick@dnr.in.gov**

Great Job James!

22:33 - **Sharon #2**

Great info! Thank you.

22:34 - **Michael 1**

Thanks james

22:39 - **SheaStaten@yahoo.com**

Thanks James

22:47 - **Jamie Saunders**

Been a member of BCI for nearly 20 years. Hope to work as a bat conservationist someday. :)

22:47 - ***lindjoy23***

will this info be available on a handout later

22:48 - ***John Black (Browns Mills)***

Thanks for the info James

22:55 - ***Rose Norris***

someone asked about how to get the plant list

22:56 - ***Leah Pellegrino***

Will the slides from tonight be posted for future reference?

23:00 - ***John Payne Lithia Springs Georgia***

What do bats pollinate around the Atlanta Ga area

23:00 - ***wiserichardthere@msn.com***

Love the photos!!

23:17 - ***kelliarmes***

the site is great!!! thanks I am gonna read all of this to learn more!!!

23:20 - ***Michael 1***

Thanks for that answer

23:25 - ***Michael 1***

will look!

23:28 - ***Gabriela Arnold Sparta***

I am sorry James did you say that info is in your web

23:31 - ***CINDY LOOS***

how long do bats typically live?

23:41 - ***Joan Phegley***

hello...sorry, just joining late.

24:11 - ***Christa Haverly***

looks like those pics are all available on the batcon website

24:36 - ***Christina Matone***

do bats live in queens, new york

24:56 - ***Liane***

I have participated in bat surveys at the Lake Wales State Forest in Florida with sonar reading machines...do you have listings of other surveys?

25:00 - ***Gabriela Arnold Sparta***

do you encourage people to have bats as pets?

25:00 - ***Rita Crocker***

Wow! I had no idea they lived so long!

25:09 - ***Marcia Alvarez***

what natural enemies do bats have?

25:32 - ***John Payne Lithia Springs Georgia***

What is the gestation period for bats. How many offspring from each bat

25:41 - **Janet Bearden, Haywood, VA**

Can you talk about rabies in bats?

25:41 - **John Black (Browns Mills)**

we should not keep any wild animals as pets

26:00 - **Lillian\_Ledford**

Oh, bat gestation is super interesting!

26:06 - **Annie Kassler**

Lots of literature about NOT having bats as pet - bad idea for the bats

26:14 - **Joan Phegley**

Do you have information or lesson ideas for intermediate elementary classes? I find bats interesting and want to share that interest.

26:23 - **ann froschauer 3**

Most states require a special permit to have bats.

26:32 - **Leigh Ann Reynolds In (Waterville Valley)**

what effect does light pollution have on bats?

26:34 - **Michael 1**

James, what was your best 'bat encounter?' Where was it?

26:38 - **ann froschauer 3**

Some people get permits to rehabilitate bats

26:49 - **Stacey G. Thomas**

Can you list a few of the bats on the endangered species list?

27:10 - **terri jacobson**

Indiana and grey bat

27:14 - **Gabriela Arnold Sparta**

Have you found species migrating to the USA from other countries?

27:34 - **ann froschauer 3**

Federally listed endangered bats in the U.S.: Indiana bats, gray bats, Ozarks big-eared bat, Townsend's big-eared bats

27:56 - **ann froschauer 3**

There are two additional species, I will have to check!

28:00 - **SheaStaten@yahoo.com**

What about federally listed threatened bats?

28:02 - **John Payne Lithia Springs Georgia**

why do bats sometimes appear to fly down hover around people

28:09 - **ann froschauer 3**

Many states also have endangered bats

28:21 - **Acadia National Park**

Why would bats be flying around during the day?

28:33 - **Christina Matone**

is there a type of bat that flies in the morning?

28:58 - **Marcia Alvarez**

what effects do pesticides used in agriculture have on bats?

29:01 - **Angelika Fuller (Thrall)**

Why do bats live under bridges? I would think they would be bothered by the cars driving above or the trains running below...

29:03 - **Rita Crocker**

A bat got into my daughter's dorm once! that was exciting!! I caught it in a jacket and released it while the college kids were terrified and hiding/crying in their rooms!

29:20 - **Joan Phegley**

What's the safest way to catch a bat that might find it's way indoors?

29:26 - **ann froschauer 3**

Acadia NP- unfortunately, day flying is a typical sign of white-nose syndrome. If it has been this winter, it is likely a bat suffering from WNS.

29:53 - **ann froschauer 3**

Some bats (especially red bats) will occasionally fly/feed during the day, but in general, that is not usual bat behavior.

30:01 - **Gabriela Arnold Sparta**

where do I need to put a bat house?

30:02 - **Marcia Alvarez**

have seen any effect on bat populations from global warming?

30:15 - **Joan Phegley**

Is Indiana the only place that bats are affected by the white-nose syndrome? Or other states?

30:29 - **Ben Clark**

What is the biggest bat of all time?

30:37 - **John Black (Browns Mills)**

Great instructions on the batcon website Gabriela

30:42 - **Joan Phegley**

Would it be safe to place bat houses around a schoolyard?

30:43 - **ann froschauer 3**

WNS in 19 states. I will talk about it in just a few minutes!

30:47 - **Milu Karp**

20 states I heard most recently...

30:50 - **Bill Plyler**

White nose is all over

30:53 - **Acadia National Park**

Thanks, Ann, as you may know, we just documented WNS in ANP this winter :(

30:55 - **Janet Bearden, Haywood, VA**

I've been surprised to have bats get into my house in the dead of winter. Didn't realize they could withstand the cold.



- 30:56 - **kelliarmes**  
why are windmills (or how) are they killing bats
- 31:15 - **ann froschauer 3**  
I'll talk a little bit about wind power soon
- 31:18 - **kathy balman (roswell, ga)**  
do bats have sharp teeth
- 31:19 - **Gabriela Arnold Sparta**  
thanks John
- 31:31 - **John Black (Browns Mills)**  
YW
- 31:33 - **ann froschauer 3**  
very sharp teeth! have to crunch through hard insect shells and bodies!
- 31:59 - **Gabriela Arnold Sparta**  
Any species migrating from other countries to the USA for deforestation
- 31:59 - **Stacey G. Thomas**  
Overall, are bat populations declining, staying the same or increasing?
- 32:05 - **John Black (Browns Mills)**  
declining
- 32:20 - **Bill Plyler**  
seriously declining
- 32:20 - **Ben Clark**  
oh WOW...
- 32:26 - **Apple Snider**  
The biggest bat in the world will likely make an appearance at the May 17 webcast!!!
- 32:27 - **John Black (Browns Mills)**  
flying fox?
- 32:37 - **Ben Clark**  
thanks!
- 32:48 - **Stacey G. Thomas**  
What is primarily contributing to their decline?
- 32:50 - **Donna Tolliver (Sutherland)**  
Looking forward to learning more about White Nosed Syndrome, presumably in the threats to bats part?
- 32:50 - **Kristy Liercke**  
Hi Carol!
- 32:55 - **Angelika Fuller (Thrall)**  
Do all female bats roost in maternal colonies?
- 32:56 - **ann froschauer 3**  
some species migrate to and from Canada and Mexico

33:03 - **Joan Phegley**

What are some ways Elementary students can help the population of bats grow?

33:15 - **John Black (Browns Mills)**

habitat loss is probably the leading cause for declining numbers

33:20 - **Ben Clark**

What kind of food do most bats eat?

33:28 - **John Black (Browns Mills)**

insects Ben

33:29 - **ann froschauer 3**

most eat insects

33:33 - **Bill Plyler**

White nose is worst

33:48 - **Ben Clark**

ooh... thanks

33:51 - **Rose Norris**

Is anyone else losing audio, or is it my connection?

33:52 - **Jenny Y'Deen (Los Angeles)**

can we get the info on that online fruit bat presentation coming up again?

33:53 - **CINDY LOOS**

n

34:07 - **Ben Clark**

I knew that :P....

34:08 - **Apple Snider**

Check out batslive.pwnet.org

34:09 - **terri jacobson**

Lesser and greater long-nosed bats and Hawaiian hoary bat are federally endangered too

34:09 - **Pat Herrera**

for instance?

34:15 - **kathy balman (roswell, ga)**

why do bats have such big ears (6 yr old would like to know)

34:41 - **ann froschauer 3**

info about the next webinar is here: [www.batslive.pwnet.org](http://www.batslive.pwnet.org)

34:58 - **John Black (Browns Mills)**

for hearing the echo location sounds that they produce

35:09 - **Ben Clark**

How high do bats fly?

35:30 - **Gabriela Arnold Sparta**

for how long do the babies breastfeed

35:57 - **Gabriela Arnold Sparta**

sorry the moms breastfeed

36:04 - **Stacey G. Thomas**

Good question Ben! I would like to know that as well!

36:32 - **Ben Clark**

Our county's Animal Control is required to kill any bat that is found here. Is this typical for other counties in the U.S., and how can I help change this?

36:48 - **ann froschauer 3**

different species of bat pups learn to fly at different ages, and will start learning to hunt. some as soon as a month!

37:00 - **ann froschauer 3**

(insectivorous bats)

37:16 - **Lillian Ledford**

Ben, my county doesn't have animal control...they have a deputy with a gun. Fortunately we also have a wildlife rehab center to call.

37:18 - **Joan Phegley**

something I need to look into also, Ben...is it typical for "pest control" to destroy a bat found in doors?

37:23 - **Michael 1**

jonathan livingston bat

37:35 - **Lillian Ledford**

Cute Michael.

37:50 - **Bill Plyler**

indoor bats are killed to test for rabies

37:52 - **Michael 1**

Was Jeanne's... :)

38:00 - **James (Soudan)**

Where can we get the information presented in this powerpoint?

38:01 - **Lisa Ann Green #2**

You know that after bat pups are born, they nurse right off the bat?

38:07 - **Michael 1**

i'm just typing

38:08 - **Christina Matone**

why are they upside down?

38:21 - **Ben Clark**

We have a bat house, and bats live near here, but where should we put it to get bats to live there? (We live in a wooded area.)

38:38 - **Judith Currier**

Thanks James

39:18 - **George Jefferson 2**

The hang upside down as this is the fastest and easy way for them to launch

39:42 - **Gabriela Arnold Sparta**

Thank you everybody I am learning so much

39:49 - **John Black (Browns Mills)**

:)

40:01 - **Sandy Frost #2**

James -- the presentation will be available as an archive in a few days -- also check our batsLIVE website at [www.batslive.pwnet.org](http://www.batslive.pwnet.org)

40:07 - **Ben Clark**

Me too. THanks for the great information.

40:15 - **Stacey G. Thomas**

Yes, great information!

40:42 - **Pat Herrera**

yes thx!

40:56 - **Joan Phegley**

Thanks for the information! Great stuff!

41:58 - **John Black (Browns Mills)**

Habitat loss as well as food loss due to the use of non-native plants

42:26 - **Gabriela Arnold Sparta**

big problem those invasive plants

42:54 - **John Black (Browns Mills)**

not just invasive but plants that are not native and not yet invasive

43:16 - **Gabriela Arnold Sparta**

you are right

43:20 - **SheaStaten@yahoo.com**

With bats using manmade structures as roosting/maternal sites, can these structures be listed as "critical habitat" under Endangered/Threatened Species Act?

43:21 - **Apple Snider**

Yes, sometimes these plants don't attract the insects bats eat.

43:39 - **John Black (Browns Mills)**

native plants=insects=bat food

44:00 - **Apple Snider**

yes!

44:20 - **Gabriela Arnold Sparta**

we need to ban if that is a word some invasive species from garden centers

44:48 - **Joan Phegley**

invasive species in garden centers? really?

44:58 - **John Black (Browns Mills)**

many states have started "no plant" lists that address the really invasive plants

45:01 - **Stacey G. Thomas**

Which bat wraps up in leaves on the forest floor to hibernate, and when the forest habitat disappears, to what would they adapt?

45:14 - **Lisa Ann Green #2**

I was a ranger at Carlsbad Caverns and we were having a problem because the bats over-wintered in Mexico where they still used DDT

45:22 - **Gabriela Arnold Sparta**

sure what about the most common one, jappanese barberry

45:44 - **John Black (Browns Mills)**

NJ does not have a No Plant list..yet

46:00 - **Gabriela Arnold Sparta**

It is sold and used in the mayority of landscapes in northern NJ.

46:16 - **John Black (Browns Mills)**

so is butterfly bush

46:21 - **Lillian\_Ledford**

burning bush.

46:32 - **Gabriela Arnold Sparta**

really I had no idea

46:39 - **Joan Phegley**

ok...i'm confused...

46:49 - **Joan Phegley**

butterfly bush is a threat to bats?

46:59 - **Gabriela Arnold Sparta**

I guess I am guilty on that one.

47:10 - **Lillian\_Ledford**

butterfly bush is an invasive non-native for many locations...

47:19 - **Joan Phegley**

a threat, in what way?

47:24 - **Gabriela Arnold Sparta**

I guess if they are not native they will not attract the right type of insect?

47:26 - **John Black (Browns Mills)**

it is a non native and invasive plant, invasive plants do not feed insects like native plants do

47:45 - **SheaStaten@yahoo.com**

here are some great native plants for bats: Goldenrod, phlox, evening primrose, nightflowering silene catchfly

47:47 - **Joan Phegley**

oh...so what do i tell those bees & butterflies?

47:59 - **John Black (Browns Mills)**

use native pollination sources

48:01 - **Lillian\_Ledford**

enjoy our native species?

48:19 - **John Black (Browns Mills)**

if you send me an email and tell me your location I can help you with that

48:30 - **Lillian Ledford**

You should have a native plant society in your area, and they are AMAZING at helping you build a pollination garden.

48:34 - **Joan Phegley**

i will have to look into that more.

48:51 - **Rose Norris**

Think of what our native animals used prior to the introduction of nonnatives

48:54 - **Joan Phegley**

Purdue would surely have a list.

49:01 - **Gabriela Arnold Sparta**

I would like some help as well. gabyarnold@hotmail.com

49:11 - **Apple Snider**

More info about creating a bat-friendly garden at [http://batslive.pwnet.org/pdf/Bat\\_Garden.pdf](http://batslive.pwnet.org/pdf/Bat_Garden.pdf)

49:23 - **Joan Phegley**

thanks Apple for the link.

49:28 - **Sandy Frost #2**

The North American Pollinator Protection Campaign (NAAPC) has wonderful online resources for your area also.

49:30 - **Apple Snider**

This topic will be covered further in the May 3 webinar!

49:37 - **Gretchen Nareff**

baurotrauma

49:59 - **Gabriela Arnold Sparta**

Thanks Apple I have a monarch garden will I be able to combine them

50:06 - **Apple Snider**

Great!

50:19 - **Gretchen Nareff**

I spelled that incorrectly

50:32 - **Joan Phegley**

yes, and I have information from the North American Pollinator campagin...I will look at that again.

50:39 - **Gretchen Nareff**

barotrauma

50:43 - **Milu Karp**

how do you spell it...ah thanks

51:04 - **Susan Smith (Canton)**

I have a problem with bats living under the siding of my large picture windows!

51:23 - **Gabriela Arnold Sparta**

I feel ashamed of the damage we as humans have done, time to reverse it

51:59 - **John Black (Browns Mills)**

I agree Gaby

52:03 - **Joan Phegley**

Will these slides shows be available for use in classrooms?

52:08 - **Patricia Ann Dunlavy**

Wasn't it 2006?

52:17 - **Susan Smith (Canton)**

We have a log home and we have settling space between the window and logs that we have cedar over it.

52:58 - **Apple Snider**

This is a BIG deal.

53:06 - **Stacey G. Thomas**

Will it be possible to not only have access to this powerpoint, but also the chat comments?...Very good information in both areas!

53:09 - **Susan Smith (Canton)**

We have at least 10-12 bats and I'm assuming babies living there and I don't want to hurt them but they need to move.

53:16 - **Sandy Frost #2**

The FWS has a great collection of bat photos for educators' use. We'll be sure that Ann talks about the WNS website!

53:28 - **Gabriela Arnold Sparta**

You are right as I said before I haven't seeing a bat for the past two years

53:47 - **Gabriela Arnold Sparta**

Lots of mosquitos here

54:21 - **Lillian\_Ledford**

Just curious, why do they have to move?

54:46 - **Gabriela Arnold Sparta**

SO SO SO SAD

54:47 - **Susan Smith (Canton)**

They are right above my deck and bat guano is on the deck.

54:49 - **Annie Kassler**

I saw my first bat of the year - just one bats - last night. This is in Camden Maine

55:05 - **Sharon #2**

Where does the fungus come from?

55:35 - **Gabriela Arnold Sparta**

I am in sparta NJ no bats here

55:41 - **Lillian\_Ledford**

Is there ay way for you to capture the guano? If not, maybe you can make a bat box in similar area and make your current habitat undesirable.

55:59 - **Lillian\_Ledford**

That way they could move from one place to the next

- 56:06 - **Christina Matone**  
can humans get white-nose syndrome?
- 56:12 - **Susan Smith (Canton)**  
We have a bat house in our trees but they are preferring our house
- 56:15 - **John Black (Browns Mills)**  
no Christina
- 56:48 - **Susan Smith (Canton)**  
If I put something up to prevent them from getting in when will the babies be old enough
- 57:03 - **Gabriela Arnold Sparta**  
whats the difference between disease and syndrome?
- 57:19 - **Apple Snider**  
Susan--I'll address some of your concerns in my presentation.
- 57:24 - **kelliarmes**  
My dad has a bat house in WV and he lost several last year, we suspect the WNS. I hope there is a way to help these guys!
- 57:34 - **Susan Smith (Canton)**  
Thanks so much! I'm in Illinois
- 57:40 - **Apple Snider**  
ok!
- 57:57 - **Rena Escobedo (South Lake Tahoe)**  
Whats the estimate of deaths since 2007? or average death by year?
- 58:09 - **Karen Siekas**  
If WNS is a cold loving fungus, are cold-blooded animals at risk?
- 58:17 - **Linda Mercer (Capon Bridge)**  
I live in WV and have noticed a decresed pop. in my attic in the last two years
- 58:29 - **Stacey G. Thomas**  
Good question Karen! I would like to know that as well!
- 59:12 - **Susan Smith (Canton)**  
In rural Il bats seem to be alive and thriving! We watch and hear them at dusk!
- 59:51 - **Donna Tolliver (Sutherland)**  
Ooh, Knox Cave has increases~
- 1:00:07 - **Joan Phegley**  
In central-western Indiana we have noticed several bats in our area each evening throughout the summers the last 4-5 years.
- 1:00:41 - **Stacey G. Thomas**  
Did she say 300 bats in one square foot?
- 1:00:55 - **John Black (Browns Mills)**  
did the mild winter here have an impact on WNS here in NJ?
- 1:00:59 - **Gretchen Nareff**  
I harp netted bats in Vermont in college



1:01:12 - **Gabriela Arnold Sparta**

This is to painful to listen

1:01:18 - **Lillian\_Ledford**

indeed.

1:01:24 - **Gabriela Arnold Sparta**

What can we do to help?

1:01:28 - **Pat Herrera**

:(

1:01:51 - **laurel haynes**

really sad

1:01:52 - **Lillian\_Ledford**

Support research...

1:02:01 - **Lyn D**

What is the hibernation dates typically for bats

1:02:04 - **kelliarmes**

:( wow

1:02:16 - **Stacey G. Thomas**

How has our extmrly warm weather this winter affected bat hibernation?

1:02:20 - **Michael 1**

WHat about Mexican freetail?

1:02:20 - **SheaStaten@yahoo.com**

I see bats that use caves and bat houses on the WNS... any chance of contaminating a bat house?

1:02:25 - **Jamie Saunders**

Will these slides be available later?

1:02:41 - **John Black (Browns Mills)**

yes this is all being recorded

1:03:06 - **Diane Diekemper (Belleville) #2**

So Sad!

1:03:10 - **Stacey G. Thomas**

This is so sad!

1:03:18 - **Jamie Saunders**

The statistics are staggering and so sad. :(

1:03:38 - **Michael 1**

If WNS is detected in a new location/state, is there any way to isolate them? I'm sure people are watching the bats in Austin/Houston.

1:03:40 - **Joan Phegley**

So hanging a bat house won't necessarily help the species multiply?

1:03:49 - **Catherine Justis (Memphis)**

has WNS been detected any place besides caves, e.g.tree roosts, bat houses..

1:03:59 - **Gabriela Arnold Sparta**

Good question about bay houdrd

1:03:59 - **John Black (Browns Mills)**

yes, hanging a bat house will help

1:04:02 - **Lillian\_Ledford**

I'm sure that providing more habitat can only help.

1:04:07 - **Gabriela Arnold Sparta**

sorry houses

1:04:34 - **Lillian\_Ledford**

The more variety in population, the greater the likelihood that a resistance will emerge

1:04:35 - **Eliza Russell (NWF)**

whitenosesyndrome.org

1:04:40 - **Michael 1**

Ann, impact on mexican fretails?

1:04:48 - **nancy blodinger**

is there any way to treat the live colonies?

1:05:02 - **Sandy Schriever**

sorry -- joined quite late. What about Mexican free-tailed bats?

1:05:06 - **Christa Haverly**

if this is so depressing to us adults, think of how depressing it will be for children - please take care not to burden children with info that's too depressing - we want them to feel empowered to make a difference and not too depressed to make a change

1:05:07 - **Mary Beth Pottratz**

Are northern states like Minnesota exempt from WNS due to freezing winters?

1:05:09 - **Ben Clark**

its so sad

1:05:11 - **John Black (Browns Mills)**

did the mild winter here in NJ had an impact on WNS?

1:05:17 - **FEWERR-Bat Rescue Tulsa Ok**

are any of these species only in the NE and could be totally wiped out?

1:05:18 - **mswick@dnr.in.gov**

Great information!

1:05:22 - **Sharon #2**

Great information. We did not know about this disease.

1:05:22 - **wgartner**

any ideas on why some bats survive WNS - metabolism, size...?

1:05:24 - **Gabriela Arnold Sparta**

what's the difference between syndrome and disease. Are they treated the same

1:05:24 - **Kimberly Murphy (Windham)**

I tuned in half way through- is there a way to re-watch this so i can see what i missed?

1:05:35 - **Dawn Cermak (Wetumpka)**

Should I clean my bat houses somehow and if so when?

1:05:39 - **CINDY LOOS**

If this disease came from Europe, do they have a better understanding of this disease?

1:05:41 - **Marcia Alvarez**

have we found a treatment or cure for white nose syndrome?

1:05:46 - **John Black (Browns Mills)**

yes it is being recorded Kimberly

1:05:47 - **Stacey G. Thomas**

Can WNS exist in bat houses or is it only in cave habitats?

1:05:54 - **Angelika Fuller (Thrall)**

Are you sure that WNS will not affect non-hibernating bats?

1:06:47 - **Joan Phegley**

a bat house would be an easy project to do...online information about "best" locations?

1:06:58 - **John Black (Browns Mills)**

Yes from batcon.org

1:07:15 - **Joan Phegley**

thank you, John.

1:07:19 - **John Black (Browns Mills)**

free downloadable plans

1:07:27 - **Joan Phegley**

oh, really! Super!

1:07:28 - **John Black (Browns Mills)**

YW

1:07:37 - **Annie Kassler**

has there been investigation of bringing european bat DNA into US bat populations?

1:07:44 - **Stacey G. Thomas**

How does this disease manifest itself early on in the bats...what is it about WNS that leads to death? Does it affect their ability to hear/see/fly?

1:07:55 - **John Black (Browns Mills)**

That would not be a good idea Annie

1:08:00 - **Pat Herrera**

are research cavers required to sanitize their boots and clothing?

1:08:21 - **Joan Phegley**

good question, Pat!

1:08:28 - **VT.Wildfire129**

In the cave in VT, you mention only 35 bats left... but all the dead ones still in the cave as seen via pics. By leaving the dead in the cave, wouldn't that keep the disease infested within the cave to continue infecting the bats left? Wouldn't there be a way to burn the dead, and rid the cave of the fungus? With American Foul

Brood for beekeepers, the only way to rid the disease out of your beeyard is to burn the infected hive... it's super harsh; but effective...

1:08:49 - **John Black (Browns Mills)**

yes they are required to clean all gear after leaving a cave

1:09:03 - **Lillian Ledford**

caves are such fragile ecosystems, burning would destroy much more than just the bats

1:09:09 - **John Black (Browns Mills)**

We (cavers) have guidelines concerning that

1:09:24 - **Joan Phegley**

For hikers visiting small caves @ state parks, would that be recommended also?

1:09:29 - **VT.Wildfire129**

Ughhh it really sucks, this is super harsh...

1:09:32 - **Pat Herrera**

and general population? posted? education for everyone?

1:09:36 - **John Black (Browns Mills)**

yes certainly

1:09:37 - **Cathy Rackliffe**

Do the European researchers know why bats there are able to survive the disease?

1:09:46 - **Ben Clark**

this is just terrible.

1:10:02 - **Janet Bearden, Haywood, VA**

Is anyone looking at cave-wide treatment?

1:10:06 - **VT.Wildfire129**

I'm a beekeeper... and I also had bats in my back yard and barn... but they are gone now :(

1:10:07 - **Stacey G. Thomas**

Good question Cathy...most of Europe tends to stay relatively cold.

1:10:12 - **kelliarmes**

if we find dead bats should we gather them (safely with gloves) and send them somewhere to get a confirmation of WNS (or how is the safest way to dispose of them to keep other bats safe

1:10:13 - **Gabriela Arnold Sparta**

is it a disease or a syndrome I am confused

1:10:14 - **Lillian Ledford**

This reminds me of the spread of the American Chestnut Blight and other tree plagues

1:10:24 - **John Black (Browns Mills)**

a syndrome

1:10:41 - **Annie Kassler**

Not bring european bats to the US, but figuring out what helps european bats to be resistant to WNS....

1:10:56 - **Gabriela Arnold Sparta**

it is being talked about both.

- 1:11:28 - **Gabriela Arnold Sparta**  
Tx John you are a big help
- 1:11:32 - **Pat Herrera**  
thank you
- 1:11:38 - **Stacey G. Thomas**  
If you find dead bats suspected of WNS, what should be done?
- 1:11:51 - **Joan Phegley**  
Thank you, Ann!
- 1:11:54 - **Judith Currier**  
Thanks for your information.
- 1:12:05 - **John Black (Browns Mills)**  
Thanks Ann,
- 1:12:09 - **Gabriela Arnold Sparta**  
Thank you
- 1:12:29 - **Gabriela Arnold Sparta**  
Love your outfit
- 1:12:34 - **mswick@dnr.in.gov**  
Cute!
- 1:12:40 - **Joan Phegley**  
That's a silly pic! Students would love it!
- 1:12:44 - **Lillian\_Ledford**  
Umbrella wings!
- 1:13:47 - **Kelly Middleton**  
lol
- 1:14:18 - **Joan Phegley**  
oh that bat is cute!
- 1:14:23 - **Kelly Middleton**  
ikr
- 1:14:38 - **Linda Mercer (Capon Bridge)**  
Do bats eat stink bugs?
- 1:14:39 - **John Black (Browns Mills)**  
watching a bat drink water is AMAZING
- 1:14:56 - **Donna Tolliver (Sutherland)**  
I was wondering about that, John, how it drinks.
- 1:14:57 - **Joan Phegley**  
anyone have video of that?? that would be cool to watch!!
- 1:15:04 - **Mary Beth Pottratz**  
Do bats eat crawling insects like woodticks and beetles?
- 1:15:15 - **John Black (Browns Mills)**

some drink while flying over the water

1:15:34 - **John Black (Browns Mills)**

some will just crawl up to the edge of the water

1:15:53 - **Lillian Ledford**

I mist netted for bats at a golf pond once, they swooped down and scooped up water on the fly. It was amazing.

1:16:37 - **ann froschauer 3**

Stacey- if you suspect bats with WNS, you should contact your state wildlife agency

1:16:41 - **Stacey G. Thomas**

Do bats hibernate close together to maximize body heat?

1:16:48 - **Lisa Ann Green #2**

yes

1:16:56 - **Lillian Ledford**

Check with your utility company before mounting houses on their poles!

1:17:57 - **Joan Phegley**

i once saw a little brown bat hibernating in a glass display case @ a state park! Most thought it was dead...I'm sure it was just hibernating...all curled up in the corner.

1:17:58 - **Ben Clark**

CUTE PIC!

1:18:00 - **Kelly Middleton**

bats hibernate?(re)

1:18:00 - **Stacey G. Thomas**

Awhhh!! so cute!

1:18:01 - **Joan Phegley**

haha

1:18:03 - **Eliza Russell (NWF)**

What impact will climate change on the spread of WNS

1:18:36 - **Kelly Middleton**

:[

1:18:36 - **Lillian Ledford**

Kelly, yep! Like most insect eaters, there isn't much food in winter!

1:18:40 - **John Black (Browns Mills)**

hard to say Eliza, just so much is changing due to climate change

1:19:02 - **ann froschauer 3**

stacey- some bats in clusters, some individually. different species prefer differnt temperatures and humidity when they hibernate.

1:19:04 - **Rose Norris**

I have a southern exposure, but it would be sweltering. Would that be ok for the bats?

1:19:08 - **Kelly Middleton**

ok im jacob her son im 12

1:19:30 - **Kelly Middleton**

:]

1:19:34 - **Joan Phegley**

Thankfully, my mother taught me to respect bats...and dispel myths about bats flying into my hair!! :)

1:20:01 - **Lisa Ann Green #2**

I love stellaluna

1:20:09 - **mswick@dnr.in.gov**

I just purchased Stellaluna!

1:20:45 - **Gabriela Arnold Sparta**

I will read the other two

1:20:47 - **Ben Clark**

aww!!

1:21:26 - **Joan Phegley**

Is the Indiana Bat Festival the one located @ Indiana State University??

1:21:33 - **Jody Ullmann**

Bats at the Beach makes the bats like humans, There are much better books out there. I try not to read anthropomorphic books.

1:21:50 - **Diane Diekemper (Belleville) #2**

Ann, great info,thank you!

1:21:56 - **Gabriela Arnold Sparta**

How often should we clean the bat house

1:21:56 - **Leigh Ann Reynolds In (Waterville Valley)**

how does light pollution effect bats?

1:21:58 - **Dawn Cermak (Wetumpka)**

Should I clean my bat houes and if so, when?

1:22:07 - **John Black (Browns Mills)**

Thank you Apple!

1:22:16 - **Gabriela Arnold Sparta**

what kind of wood should we use

1:22:23 - **Sharon #2**

Thank you for the great info! We look forward to checking out the other websites for more info!

1:22:28 - **Rose Norris**

How hot can a bat house get before it is detrimental?

1:22:44 - **ann froschauer 3**

humans cannot get white-nose syndrome. neither can our pets or livestock. our bodies are too warm.

1:22:46 - **Stacey G. Thomas**

How long is it before a pup can fly?

1:22:48 - **cschiefelbein**

How large of an area around a bat house is needed for proper entrance and exit by the bats?

- 1:22:48 - **Michael 1**  
any issues with bats and birds in the same backyard habitat?
- 1:22:50 - **Elise**  
I am with the Bat Conservancy of Coastal California and we are initiating a Bat Friendly Business Certification program aimed at roofers, tree surgeons, realtors, exterminators, etc.
- 1:22:57 - **Susan Smith (Canton)**  
how harmful is guano you hear horror stories about touching it and it getting in your lungs
- 1:23:07 - **mswick@dnr.in.gov**  
Thank you Apple!:[
- 1:23:12 - **kelliarmes**  
if we find dead bats should we gather them (safely with gloves) and send them somewhere to get a confirmation of WNS (or how is the safest way to dispose of them to keep other bats safe
- 1:23:24 - **John Black (Browns Mills)**  
unless the birds are owls and hawks
- 1:23:31 - **Stacey G. Thomas**  
Guano must not be too harmful...my dog loves to eat it off the porch where they roost (gross)
- 1:23:31 - **Gabriela Arnold Sparta**  
should we use any specific kind of wood?
- 1:23:32 - **terri jacobson**  
Little RedBat by Carole Gerber is very factual and a great educational book (\*)
- 1:23:37 - **James Eggers, Bat Conservation International**  
Other Bat Books: find a list of over 100 books approved and suggested by Bat Conservation International at [www.batcon.org/batbooks](http://www.batcon.org/batbooks)
- 1:23:44 - **ann froschauer 3**  
if you find dead bats, please contact your state wildlife agency!
- 1:23:53 - **Joan Phegley**  
Thank you, Apple!
- 1:23:54 - **Judith Currier**  
Thank you Apple
- 1:23:54 - **Lisa Ann Green #2**  
:[:[:
- 1:23:59 - **Michael 1**  
thanks presenters! great job by all
- 1:24:00 - **Stacey G. Thomas**  
Thanks Apple!
- 1:24:02 - **Donna Tolliver (Sutherland)**  
This has been wonderful!!
- 1:24:05 - **John Black (Browns Mills)**  
Thanks to all the presenters!



- 1:24:10 - **Ben Clark**  
Thank you!
- 1:24:10 - **Linda Mercer (Capon Bridge)**  
Thank you all. This is great!
- 1:24:11 - **Apple Snider**  
Thank you all!!
- 1:24:11 - **Kelly Middleton**  
:]
- 1:24:13 - **Rose Norris**  
Thank you!
- 1:24:13 - **Donna Tolliver (Sutherland)**  
Many thanks!
- 1:24:14 - **Gretchen Nareff**  
Thanks!
- 1:24:17 - **Stacey G. Thomas**  
Wonderful information!
- 1:24:17 - **Joan Phegley**  
Thanks to all the presenters, this evening!
- 1:24:19 - **Elise**  
Thank you for your time and efforts!
- 1:24:20 - **Ben Clark**  
Thanks B)!
- 1:24:21 - **Rita Crocker**  
Thank you, this was a wonder presentation! Thanks for all you do!
- 1:24:22 - **Christina Matone**  
thank you!
- 1:24:29 - **Michael 1**  
let jacob show us where to find the bat icon!
- 1:24:29 - **VT.Wildfire129**  
Totally awesome!!!! Thanks
- 1:24:32 - **Vivian Lembo (Cary)**  
Thanks to all presenters.:)
- 1:24:32 - **Becky Kerr (Aztec)**  
Thanks!
- 1:24:32 - **wiserichardthere@msn.com**  
Thank You - Look fwd to listening to the recorded version again!!
- 1:24:35 - **Catherine Justis (Memphis)**  
thanks
- 1:24:36 - **Karen Siekas**

This was great, thank you all!

1:24:37 - **Bradley Phillips**  
thanks to all:)

1:24:43 - **laurel haynes**  
thank you!

1:24:45 - **Christina Matone**  
:[ rock

1:24:47 - **Mimi Burke (Charlotte) 1**  
Thank you!

1:24:52 - **Lisa Ann Green #2**  
:[ :[ :[ :[ :[ :[ :[

1:24:53 - **Annie Kassler**  
Thank you James; thank you all....great.

1:24:54 - **mswick@dnr.in.gov**  
Thank you everyone!:) )

1:25:08 - **ann froschauer 3**  
white-nose syndrome is the disease

1:25:21 - **Ibland@jamadots.com**  
Thanks to you all, great presentations!

1:25:23 - **Gabriela Arnold Sparta**  
I am so glad I joyned, I have a new source of energy to work with the kids around my town

1:25:34 - **Kelly Middleton**  
:] :] ]

1:25:38 - **ann froschauer 3**  
it is named "syndrome", but the disease is characterized by the specific fungal infection

1:25:52 - **John Black (Browns Mills)**  
Gabriela, I will send you an email after this is over

1:26:00 - **Lillian\_Ledford**  
can you please send that survey via email to participants?

1:26:00 - **Eliza Russell (NWF)**  
Please take the survey now or later... you can cut and paste this link into your website:  
<http://pwnet.poll daddy.com/s/new-survey>

1:26:04 - **Gabriela Arnold Sparta**  
thanks John

1:26:05 - **Lillian\_Ledford**  
or that way!

1:26:16 - **Christina Matone**  
thank you!

1:26:19 - **Stacey G. Thomas**

How can we get copies of the powerpoint and also the chat notes?

1:26:19 - **Joan Phegley**

Thank you!!!

1:26:29 - **Ben Clark**

Thanks!

1:26:30 - **Gabriela Arnold Sparta**

thank you Apple and all

1:26:55 - **Kelly Middleton**

thanks :)

1:26:56 - **Andrea Shortsleeve**

Nice job, Apple!

1:27:13 - **Eliza Russell (NWF)**

<http://pwnet.poll daddy.com/s/new-survey>

1:27:46 - **Tracy Garrison 1**

I was told that Big Browns do not use bat houses for maternity roosts. Is this true? Would they possibly use a really large house that mimicks attic atmosphere? I volunteer to help people who want to exclude attic bats, but want them to stay around the property. They are mostly Big Browns where I live in Alabama

1:28:23 - **Christa Haverly**

thank you!

1:28:40 - **Carley Sullivan**

Do we get a certificate?

1:28:42 - **Michael 1**

Thanks and bye!

1:28:59 - **Janet Bearden, Haywood, VA**

Link to assessment is gone.

1:29:00 - **Ben Swecker 1**

GREAT JOB EVERYONE

1:29:00 - **Gabriela Arnold Sparta**

Thank you all

1:29:04 - **Donna Tolliver (Sutherland)**

I was filling out my survey and it disappeared. Any ideas how to get it back?

1:29:07 - **Bill Plyler**

excellent thank you

1:29:09 - **Angelika Fuller (Thrall)**

how do i get back to the evaluation?

1:29:10 - **Kristy Liercke**

If you'd like a certificate, please make sure you fill out the survey.

1:29:11 - **Kelly Middleton**

bye thanks :[

- 1:29:13 - **Sandy Schriever**  
Mexican FT bats effected by WNS?
- 1:29:25 - **Katie Maginnis (Ashford, WA)**  
thank you! til next time :)
- 1:29:27 - **George Jefferson 2**  
Need evaluation page
- 1:29:28 - **Kristy Liercke**  
Yes!
- 1:29:33 - **Joan Phegley**  
I was filling out the survey and it disappeared!
- 1:29:36 - **Rose Norris**  
Thank for that information
- 1:29:36 - **Eliza Russell (NWF)**  
<http://pwnet.poll daddy.com/s/new-survey>
- 1:29:51 - **John Black (Browns Mills)**  
there is a link
- 1:29:56 - **cschiefelbein**  
Where can we see the recording of this?
- 1:30:18 - **John Black (Browns Mills)**  
the recording will be on the batlive website
- 1:30:24 - **cschiefelbein**  
Thank yiu
- 1:30:40 - **John Black (Browns Mills)**  
Thanks Eliza, this was great
- 1:31:03 - **Kristy Liercke**  
Thanks everyone! You were great!
- 1:31:42 - **Carley Sullivan**  
Thanks
- 1:31:51 - **Elise**  
Is it possible to use sections of this presentation in our own presentations, assuming we credit the authors?
- 1:31:59 - **Gabriela Arnold Sparta**  
I know I asked before but what kind of wood can I use for the bat houses
- 1:32:01 - **Marcia Alvarez**  
could you pls repeat: will certificates or diplomas be available for those that participated in the webinar?
- 1:32:30 - **Eliza Russell (NWF)**  
<http://pwnet.poll daddy.com/s/new-survey>
- 1:33:11 - **John Black (Browns Mills)**  
Gabriela, if you check out the batcon website it gives really good instructions on building bat houses
- 1:33:22 - **Linda Mercer (Capon Bridge)**

I completed the survey but did not see the link to get a certificate which i would like to get for my MN program

1:33:34 - **susie sullivan (christ the king chicago)**

thanks, great info:[[

1:33:43 - **kathy balman (roswell, ga)**

Thank you.

1:33:43 - **Rose Norris**

How do I send my information for documentation. I already finished the survey?

1:33:51 - **VT.Wildfire129**

I finished the survey via the link here; how do you get the certificate after it was sent?

1:34:00 - **Eliza Russell (NWF)**

Please email if you did need a certificate and I will ensure you get one. Russell@nwf.org

1:34:01 - **John Black (Browns Mills)**

sent you an email Gabriela

1:34:21 - **Joan Phegley**

I finished the survey...but didn't see a place to respond for certificate.

1:34:22 - **VT.Wildfire129**

Who do I need to email?

1:34:30 - **John Black (Browns Mills)**

good night everyone, thanks again to the presenters for a great webinar

1:35:29 - **Joan Phegley**

Thank you, again! Good night!