

Southwest Louisiana Master Naturalists

Nature Notes



Charter 2016

Vol 1 ISSUE 1 October 2016

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President's Note:

Congratulations again on finishing the course and earning the title of Master Naturalist! Thank you to all the board members who, by the end of the course, had been working for over a year to put our organization on the right track. Our chapter is still a work in progress, but that work has gotten easier now that we're bigger and we've completed our inaugural course.

Now that we're all master naturalists, it's time we reflect on what a naturalist is and how we'd like to focus our 28 or more hours of volunteer and continuing education. After all, being a master naturalist means much more than just completing a course. The term naturalist is often defined as a student of nature and that's what I encourage everyone in our chapter to do—study nature, whatever parts interest you most. If you have any questions about how to go about this, ask one of the board members or any of your fellow naturalists. When you find something you can't identify, iNaturalist can be a great place to learn. I've had others identify my unknown organisms within hours.

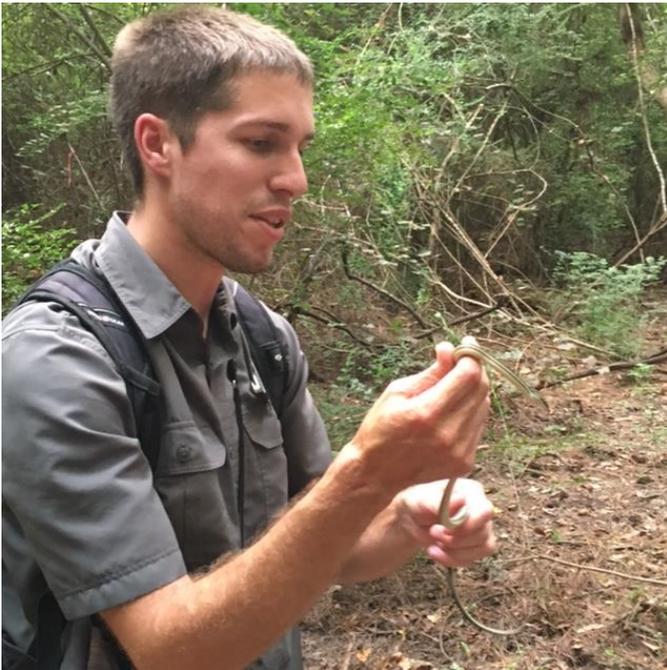
Calendar Quick View

Sept 30: Allen Acres
Oct 1: LSU PlantFest
Oct 5: SWLA Master Naturalists Meeting
Oct 6: Webinar Climate
Oct 8 and 25: Allen Acres Basic Plant ID
Oct 13: Webinar Landscape
Oct 17 and 29: Allen Acres Edible Plants
Oct 19: Allen Acres Wetland Plant ID
Oct 22: Bird Banding
Oct 28-29: LOS Meeting
Nov 2: Yellow Rail Festival
Dec 18: Sabine Christmas Bird Count
Dec 30: Lake Charles Christmas Bird Count

President's Note:

The observation part of being a naturalist is far more valuable in your growth than the few hours of required continuing education. You'll learn directly from the source and you'll probably see things that have only been seen by a handful of people before you, if any! So, go out there with your notebook, camera, binoculars, butterfly net, or whatever else you use and make some observations and share them with the rest of us through our newsletter *Nature Notes* or our Facebook group. Don't forget to share your observations with non-master naturalists as well—it's in our mission statement!

That's my personal vision of our chapter and what it means to be a master naturalist—a group of motivated and interested people observing nature and teaching each other about those observations. Irvin Louque



Meeting Announcements[Back](#)

Meeting Location and Date
Tuten Park, October 5th at 5:30 P.M.
All members are invited to attend.

Special Meeting Announcements

At our October 5th meeting, we will elect officers. As stated in our bylaws, the charter board served as the first nominating committee. We have nominated a slate of officers for the October election. This slate was sent out to all members 30 days prior to the election.

The slate below will be elected by consensus at our October 5 meeting. We will elect officers at the October meeting in a secret ballot election.

Proposed 2016 Slate of Officers and Board Members:

President: Irvin Louque

Vice-President: Tommy Hillman

Treasurer: Robby Maxwell

Secretary: Julie Amy

At-large Board Members:

Chuck Battaglia,

David Booth,

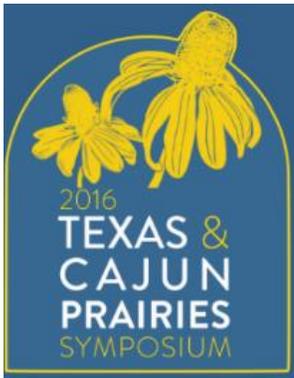
Theresa Cross,

Brian Sean Early,

Lori McGee

Local News:

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SWLA Master Naturalists at the Texas & Cajun Prairies Symposium

Irvin Louque and Brian Early



Keynote speaker:
Jaime Gonzales



Dr. Cassidy Johnson
Houston Community College



Malcolm Vidrine



Local News:

[Back](#)**2016 Texas and Cajun Prairies Symposium**

We had a nice representative group of Southwest Louisiana Master Naturalists attend the Texas-Cajun Prairies Symposium in Lafayette September 24-25th. SWLA Master Naturalists Brian Early is one of the coordinators for the Texas & Cajun Prairies Symposium. Congratulations to Brian for a successful symposium! Some of the members who attended the symposium are Irvin Louque, Deborah Frank, Tommy Hillman, Chuck Battaglia and Brian Early.

The Texas and Cajun Prairies Symposium was held Saturday/Sunday September 25/26 in Lafayette. Saturday's lectures were at the Wetland and Aquatic Research Center, USGS - Lafayette. Evening activities included a Cajun party and Fais-do-do. On Sunday, participants visited Cajun Prairies at Eunice and Duralde.

Saturday's conference opened with the keynote address by Jaime Gonzales entitled "A Prairie Fire." Mr. Gonzales outlined a series of steps that have been successful in fueling public interest in saving native prairie habitats in the Houston area. He stressed the importance of knowing your story; telling your story; knowing your army; setting ambitious goals; and, perhaps most importantly, linking the various groups involved in conservation in furthering the prairie initiative.

Mr. Gonzales' talk was a wonderful segue into one of the two strands offered to the symposium attendees, "Building a Prairie Movement." The other field of study was "Prairie Biodiversity and Conservation." Thus, conference attendees were able to hear eight different lectures depending upon their interest. All sessions were videotaped and will be made available online soon.

Two lecturers, Larry Allain ("The Importance of Prairie Pollinators") and Malcolm Vidrine ("Connecting with Audiences through Louisiana Prairie Gardens"), were presenters in our Southwest Louisiana Master Naturalists' inaugural course of study.

The symposium provided a wonderful opportunity for like-minded individuals in Texas and Louisiana to share their expertise about the various topics including the similarities between the Texas and Cajun prairies; to outline best practices for building and maintaining the prairie movement; and to network - all while enjoying our unique Louisiana hospitality!

By Deborah Frank

Local News:

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The first group of Southwest Louisiana Master Naturalists received their certificates August 6th, 2016. We had a great celebration at the home of fellow Master Naturalists Chet St. Romain and his wife Susan.

Our Wonderful charter group of Southwest Louisiana Naturalists



September 24th Sam Houston Jones State Park Bird Walk
Experienced birder and Master Naturalists David Booth led a group of 14 people to view the wonderful birds at Sam Houston Jones State Park. The group sighted a diversity of birds on their walk. A Great Kiskadee was heard but unfortunately not seen.

Photo by Kashinath Yadalam



Local News:

[Back](#)**September 22nd No. 1 Ladies Hiking Group**

Master Naturalists and Tuten Park Manager, Irvin Louque, guided a hike for the No. 1 Ladies Hiking Group through Tuten Park. Master Naturalists Arlene Cain and Linda Wygoda were also there to help guide the hikers. The hike was a great success and hikers were able to view lots of Gulf Coast Toads, a ribbon snake, and Charlotte the Banana Spider!

**September 18th Bird Banding at Sam Houston Jones State Park**

Naturalists Irvin Louque led bird banding activities at Sam Houston Jones State Park on Saturday September 18.

Bird Banding Results September 2016

Northern Cardinal 4 (2 males, 2 females; 1 recapture, 3 new)

Carolina Wren 1 (sex unknown)

Yellow-bellied Flycatcher 1 (sex unknown)

White-eyed Vireo 1 (sex unknown, adult, recapture, no fat so maybe a local breeder, originally banded October 2015)

Red-eyed Vireo 1 (sex unknown, adult, new capture, migrant with lots of fat!)



Continuing Education Opportunities:

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Continuing Education and Volunteer

October 22nd Sam Houston Jones State Park Bird Banding

Irvin Louque will hold bird banding activities at Sam Houston Jones Park on Saturday October 22. Bird banding activities will take place from 7:00 A.M. until 1:00 P.M. October's banding on the 22nd should see some more migrants and possibly some wintering species like Hermit Thrushes, Ruby-crowned Kinglets, and White-throated Sparrows! Come by and lend a hand. Learn how birds are banded and data is collected. Volunteers are welcome!

Irvin Louque and Dan Guillory pictured here at Sam Houston Jones State Park Bird Banding.

Volunteer Opportunities:

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Continuing Education and Volunteer Opportunity

Check out the Volunteer Instructor Program.

Aquatic VIP

<http://www.wlf.louisiana.gov/document/aquatic-vip-flyer>

<https://ldwf.wufoo.com/forms/aquatic-vip/>

Conservation Biology Institute

<http://consbio.org/products/webinars>

October, 2016 Webinars:

- Oct 6 — [Webinar: Climate Change Trends, Impacts, Vulnerabilities, and Carbon in U.S. National Parks](#)
- Oct 13 — [Webinar: Exploring the New Landscape Climate Dashboard](#)

Coalition to Restore Coastal Louisiana Forum

<http://crcl.org/programs/restoration-policy/2016-senate-race.html?bbLinkId=25274655&bbemailid=1975752&bbjeid=132632378>

 Coalition to Restore Coastal Louisiana
Our Coast, Our Future

Volunteer Opportunities:

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Save the Date!

LMNA ANNUAL MEET UP 2017
(FOR CERTIFIED & ENROLLED MASTER NATURALISTS)
FRIDAY 3/31- SUNDAY 4/2
CHICOT STATE PARK

Want to help us plan? Join a Planning Team!

- **Speaker Team:** Recruit speakers, coordinate speaker schedule
- **Food Team:** Plan, organize and execute meal time
- **Activity Team:** Planing workshops, hikes, & other activities
- **Volunteer Team:** Recruit and manage volunteers
- **Tech and Prep Team:** Procure AV equipment, assist presenters
- **Sponsor and Labeling Team:** Seek donations & labeling organizations
- **Registration Team:** Point of contact for registration, works reg. table

Email lamasternaturalist@gmail.com for more information!

Volunteer for the Louisiana Master Naturalists Meet UP

Please let us know if you are interested in joining a planning team by emailing:

lamasternaturalist@gmail.com.

You can get volunteer hours!

Friday, December 30th 2016 Lake Charles Christmas Bird Count –

“Save the Date” and plan to volunteer to participate in the Lake Charles Christmas Bird Count. The Lake Charles CBC will occur on December 30, 2016. Last year we recorded 108 species including Painted Bunting, Great Kiskadee, and Vermilion Flycatcher. Anyone interested is encouraged to contact Irvin Louque through email or phone (225)206-0400 irvinlouque@gmail.com

U.S. Fish & Wildlife Services Southwest Louisiana NWR Complex

<https://www.fws.gov/swlarefugecomplex/volunteers.html>

Volunteers and student interns provide much needed assistance with refuge projects. They are often able to complete work that the refuge would be unable to do. The hours, work assignments, et cetera are tailored to meet the needs of both the refuge and the volunteer or intern.

Refuge housing may be available to qualified interns and volunteers. Volunteer projects include conducting biological surveys, providing clerical assistance in the office, general maintenance of facilities and equipment, photography and art work, habitat restoration activities, and environmental education just to name a few.

Please contact the SW LA refuge complex headquarters for additional information regarding openings and how to apply.

SW LA NWR Complex Headquarters
Attn: Volunteer Coordinator
1428 Hwy. 27
Bell City, LA 70630
337-598-2216

Diane Borden-Billiot

Volunteer Opportunities:

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Sunday, Dec. 18th 2016 Sabine Christmas Bird Count – Plan to volunteer for the all-day birding event of the year at the Sabine National Wildlife Refuge and neighboring spots. No experience necessary! This is a great opportunity to participate in this very important worldwide bird count. For more information about participating the Christmas Bird Count, contact Jeanie Pousson, Gulf Coast Bird Club Coordinator for the Sabine NWR sector: phone: 540-7726, or email jeanie.pousson@gmail.com

Audubon Christmas Bird Count

<http://www.audubon.org/conservation/join-christmas-bird-count>

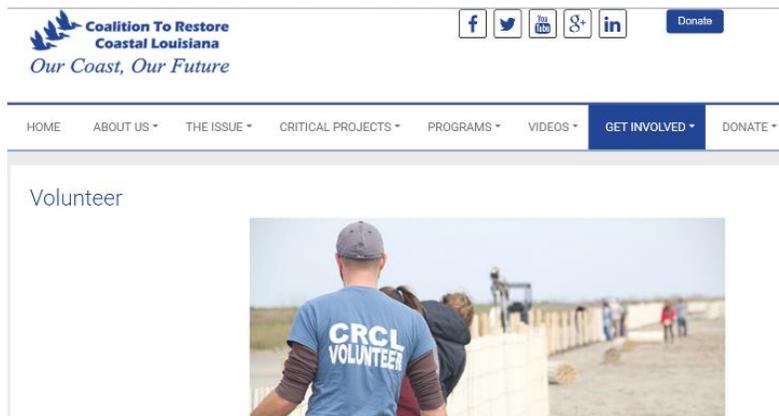


Derelict Crab Trap Rodeos

<http://www.laseagrant.org/crabtraps/>

Louisiana Sea Grant (LSG), working with the Louisiana Department of Wildlife and Fisheries (LDWF) and community volunteers, is on a mission to clean coastal waters of derelict crab traps.

Coalition to Restore Coastal Louisiana: <http://crcl.org/get-involved/volunteer.html>



Upcoming Events:

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Save the Date!



**LOUISIANA MASTER
NATURALIST ASSOCIATION**

LMNA ANNUAL MEET UP 2017
(FOR CERTIFIED & ENROLLED MASTER NATURALISTS)
FRIDAY 3/31- SUNDAY 4/2
CHICOT STATE PARK

Want to help us plan? Join a Planning Team!

- **Speaker Team:** Recruit speakers, coordinate speaker schedule
- **Food Team:** Plan, organize and execute meal time
- **Activity Team:** Planning workshops, hikes, & other activities
- **Volunteer Team:** Recruit and manage volunteers
- **Tech and Prep Team:** Procures AV equipment, assists presenters
- **Sponsor and Tabling Team:** Seek donations & tabling organizations
- **Registration Team:** Point of contact for registration, works reg. table

Email lamasternaturalist@gmail.com for more information!

The Louisiana Master Naturalists Association will hosts an annual Rendezvous where members meet to learn, volunteer, and get to know their fellow Louisiana Master Naturalists.

The 2017 Annual LMNA Rendezvous will be at Chicot State Park (Mar 31–Apr 2).



**BUTTERFLY
BLAST**

Sep 30-Oct 2, 2016

**Allen Acres;
5070 Hwy 399;
Pitkin, LA 70656**

337-328-2252 native@camtel.net



Allen Acres Friday Sept 30, Saturday Oct 1, and Sunday Oct 2, 2016; 9 AM till dark

Acres Bed & Breakfast, 5070 LA-399, Pitkin, LA 70656, US

All are invited to Allen Acres to view the butterflies. You will see adults, caterpillars, chrysalis (cocoons), and eggs of several different kinds of butterflies from skippers to large swallowtails. Tagging of monarchs will take place (<http://www.monarchwatch.org/tagmig/tag.htm>). We have models of the monarch butterfly life cycle with cut outs for your face for photographing.

Donations to defray cost of butterfly plants are accepted.



Dr. Allen Workshops at Allen Acres

5070 Hwy 399; Pitkin, LA 70656

Email: native@camtel.net or call 337-328-2252

October 8 and 9th Basic Plant ID workshop

October 17-18th Edible Plant Workshop

October 19-21st Wetland Plant ID workshop

October 25-27th Basic Plant ID workshop

October 29-30th Edible Plant workshop



October 14-15th Texas Native Plant Society Fall Symposium,
Somervell County Exposition Center 202 Bo Gibbs Boulevard,
Glen Rose Texas <http://npsot.org/wp/symposium2016/>

Upcoming Events:

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*PlantFest! 2016*Celebrating Our 33rd Annual Sale ... featuring "Plant Survivors"

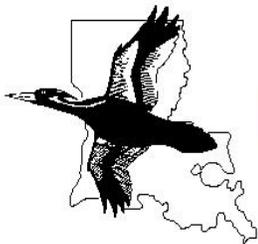
Saturday, OCT 1, 9:00 am – 4:00 pm

Sunday, OCT 2, 12 noon – 4 pm



[Click here](#) to watch a video about our volunteers that organize and run the show at PlantFest!

On Saturday, OCT 1st and Sunday, OCT 2nd LSU's Hilltop Arboretum will host its 33rd PlantFest! Our



Louisiana Ornithological Society

Yellow Rails and Rice Festival

The Yellow Rails and Rice Festival 2016

for a sampler of past festivals:

YRARF 2009

YRARF 2010

YRARF 2011



PLANT IDENTIFICATION WORKSHOPS

WITH DR. CHARLES ALLEN

When: November 4, 5, and 6

Location: Woodlands Trail, 449 F. Edward Hebert Blvd., Belle Chasse



Have you ever wondered, what is that growing along the trail? Is it edible? Are those oyster mushrooms? No matter what your curiosities are about vegetation in the forest, Dr. Charles Allen will provide you with more information than you ever thought possible about plants and vegetation in the forest. Dr. Charles M. Allen is a botanist, plant taxonomist, retired professor, noted author, and conservationist. He received his B.A. from LSU in Forestry, his M.A. from LSU in Botany and his PhD from Southwestern in Biology.

[Click on the links below for registration and payment](#)

LSU Hilltop Arboretum PlantFest

<https://sites01.lsu.edu/wp/hilltop/plantfest-2>

On Saturday, OCT 1st and Sunday, OCT 2nd LSU's Hilltop Arboretum will host its 33rd PlantFest! Our fall plant sale celebrates three decades of masterfully collecting people and plants and bringing them together in the unique natural space that is the LSU Hilltop Arboretum. The sale will continue our annual celebration of plants by offering the largest selection of natives and adapted plants in one place at one time in the Gulf South. Our Hodge Podge Volunteer Plant Selection Committee has assembled a collection of plants that we know will thrive in your garden.

2016 LOS FALL MEETING

Friday and Saturday, October 28-29 Cameron LA

First Baptist Church in Cameron, 110 School Street off of Marshall Street (the main street)

Louisiana Ornithological Society

Registration Form:

http://losbird.org/2016_fall_meeting.pdf

Online Registration:

<http://losbird.org/meetings.htm>

Yellow Rails and Rice Festival Jennings LA

November 2-6 2016

http://www.snowyegretenterprises.com/Snowy_Egret_Enterprises/Yellow_Rails_%26_Rice_Festival.html

http://www.snowyegretenterprises.com/Snowy_Egret_Enterprises/Yellow_Rails_%26_Rice_Festival.html

http://www.snowyegretenterprises.com/Snowy_Egret_Enterprises/Yellow_Rails_%26_Rice_Festival.html

November 4-5th Plant Identification workshop Woodlands Trail, Daybrook Pavillion, 449 F. Edward Herbert Blvd.

Belle Chasse, Louisiana 70037

www.woodlandsconservancy.org 504.433.4000

November 6th Edible Plant workshop half day – 9 A.M. until 1 P.M. Woodlands Trail Bell Chase

<http://www.woodlandsconservancy.org/projects-events/>



iNaturalist Spotlight and Photos:

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What can I do in iNaturalist?



- Check out iNaturalist Blog!
- See what others are posting and help with identification
- See what others are posting and join in!
- Post your observations and photos to a project
- Join the Southwest Louisiana Master Naturalists project
- Join the Biodiversity of Louisiana project
- Explore other projects that interest you

iNaturalist.org's Journal Official Blog

<https://www.inaturalist.org/blog>

September 15, 2016

Observation of the Week, 9/15/16



This Marvellous Spatuletail seen in Peru by @joanseptembre is our Observation of the Week!

Archives

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**Join the Southwest Louisiana Master Naturalists project.
Add your observations and photos to our group project.**

iNaturalist.org Observations ▾ Species ▾ Projects ▾ Places Guides People ✉ 0 💬 0

Welcome to Southwest Louisiana Master Naturalists

« Projects

[Terms & Rules](#) | [Leave this project](#)





iNaturalist Spotlight and Photos:

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Explore the projects that interest you the most. Select “Nearby” to see the projects for our state and location. Here are some Louisiana specific projects to check out. Join the “Biodiversity of Louisiana” project!



Stats

Totals

17564
Observations »

3059
Species »

Most Observations

- royaltyler
4368 observations
- matthewherron
3122 observations
- jamesbeck
1047 observations

Most Species

- royaltyler
1224 species
- matthewherron
872 species
- jamesbeck
689 species

Most Observed Species

- Green Anole
141 observations
- Eastern Pondhawk
106 observations
- American Alligator
103 observations

Are you a plant enthusiast? Check out the Louisiana Plant Phenology Project.

← Projects

Louisiana Plant Phenology Project

[Terms & Rules](#) | [Leave this project](#)

[Add observations to this project](#)

Stats

Totals

2066
Observations »

674
Species »

39
Species »

Most Observations

- matthewherron
1367 observations
- royaltyler
264 observations
- cosmiccat
102 observations
- finatic

Most Species

- matthewherron
525 species
- royaltyler
138 species
- cosmiccat
88 species
- finatic

Most Observed Species

- Bald Cypress
20 observations
- Red Buckeye
20 observations
- Chinese Tallow
17 observations
- American beautyberry



Record your observations

Share with fellow naturalists

Discuss your findings

Contribute to Science

Every observation can contribute to biodiversity science, from the rarest butterfly to the most common backyard weed. We share your findings with scientific data repositories like the [Global Biodiversity Information Facility](#) to help scientists find and use your data. All you have to do is observe.



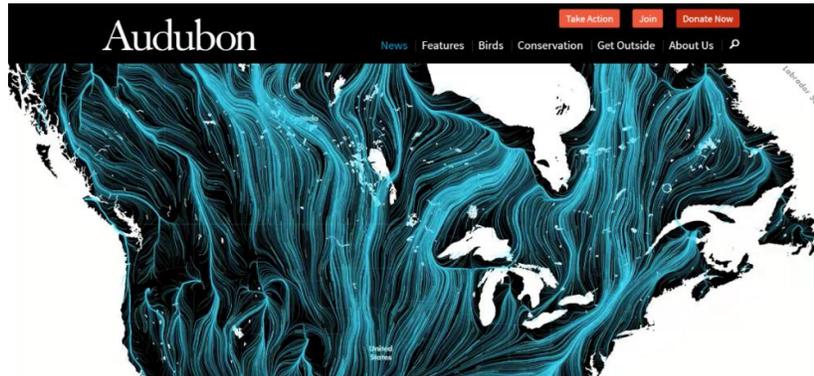
Pig Frog at Sam Houston Jones State Park

Photo by Arlene Cain

In the News:

[Back](#)**How will animals migrate to survive climate change?**

http://www.audubon.org/news/these-amazing-maps-show-how-wildlife-will-migrate-survive-climate-change?utm_source=engagement&utm_medium=email&utm_campaign=2016-09-08-climate-migration



Click on the web link and take a look at this amazing animated map that shows the migration path for birds, mammals, and amphibians. Animals will either adapt to climate change or they will move to cooler habitats. The path to cooler habitats will be much more challenging with so many continent-wide obstacles such as roads, cities, farms and many man-made obstructions. To get around these obstacles, animals will need natural pathways, wildlife corridors that people create by connecting isolated habitats. To create these wildlife corridors, we need to know what routes animals take.

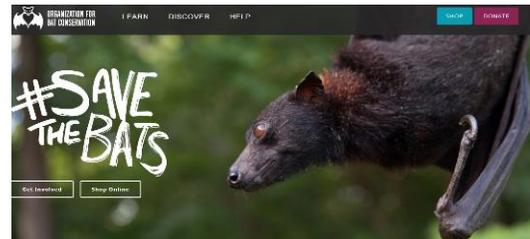
A wonderful animated map was published by the Nature Conservancy. This map shows exactly where these corridors might be as animals weave their way to cooler climates. Using a set of data put together in 2013 by a group of climate scientists, the projected migratory routes of nearly 3,000 species of birds, mammals, and amphibians is highlighted on the map with the lands that need preservation to make these journeys possible. Click the link to read the entire article about conservation efforts to help the survival of these migrating animals.

Migration in Motion

<http://maps.tnc.org/migrations-in-motion/#4/19.00/-78.00>



Naturalists Notes:

[Back](#)**Save the Bats**<https://batconservation.org/><http://batmanagement.com><http://www.batcon.org>

Bats are often maligned due to movies and popular culture as vicious and dangerous, but they are truly amazing creatures. Approximately 70% of bat species feed on insects, the rest feed on fruit, nectar, or animals other than insects. Bats are the only mammals capable of true sustained flight. Their flight is different from birds however, because they do not move their entire forearm in flight, but instead only flap their digits, which are extremely long and covered by a thin membrane called the *patagium*. Bats are in the mammal order, Chiroptera, which is the second largest order of mammals. Bats are divided into 2 suborders: the fruit eating megabats (flying foxes) of Asia, Africa and Australia, and the echolocating insect eating microbats. There are 11 species of bats known to occur in Louisiana, all are microbats, and 4 of the most common are: the **Hoary Bat** (*Lasiurus cinereus*), the **Eastern Red Bat** (*Lasiurus borealis*), the **Evening Bat** (*Nycticeius humeralis*) and the **Brazilian Free-Tailed Bat** (*Tadarida brasiliensis*)

The **Hoary Bat** and the **Eastern Red Bat** are both solitary bats with widespread distributions in forested regions throughout North America. These bats do not form colonies but are solitary and prefer to roost 3-5 meters high in trees on the edge of clearings. Hoary bats are relatively large, about the size of a fat mouse (25-35 g) and are heavily furred with brown whitish tinged fur giving them a “frosty” appearance. They have a distinct yellow throat patch. They are most active about 5 hours after sunset, when they search for insects above the trees.

The **Eastern Red bat** is small solitary bat (7-13 g) is almost completely covered with reddish fur, except for the ears and parts of the wings. Red bats forage regularly just after dusk usually near a light source such as street lights.

The **Evening Bat** and the **Brazilian free-tailed bat** are colony forming bats. The Evening Bat is small (7-15 grams), and forms small colonies of about 30 individuals, although some very large colonies can exist in optimal conditions. Evening bats are dark brown with black ears. They have no hair on their snout, wings, or tail. Evening bats will roost in trees, under bridges, and in buildings. They prefer an open habitat such as wetlands or river corridors. **Brazilian Free-Tailed bat** is a small bat with a long tail that extends more than half its length beyond the fold of skin connecting the hind legs. All other Louisiana bats will have a tail enclosed within the membrane of skin connecting the hind legs. The Brazilian Free-Tailed Bat is sometimes called the **Mexican Free-Tailed Bat** and forms huge colonies consisting of millions of individuals. Bracken Cave near San Antonio, Texas has a colony of over 20 million.

Colony forming bats may occupy old buildings where openings give them access to attics and interior walls, creating problems for humans due to smell and concerns about disease. Bat colonies create an unpleasant odor due to daily deposits of feces and urine, known as *guano*. This material has a high phosphorus and nitrogen content making it one of the richest natural fertilizers in the world. Bats are a natural reservoir for the rabies virus and all active rabies strains may have evolved from strains originally endemic to bats. Many times victims may not realize they have been bitten because bats have very small teeth and do not leave obvious marks. The most severe threat to humans and domestic animals is from sick, downed or dead bats.

Louisiana bats have an effect on controlling insect populations around our homes. Bat houses are popular for this reason. For information about construction, maintenance, and placement of a bat house, Bat Conservation International (<http://www.batcon.org>), the Organization for Bat Conservation (<https://batconservation.org>) and Bat Conservation and Management (<http://batmanagement.com>) are great resources. To be successful, bat houses require a minimum of 7 hours of morning sunlight, and need to be in relatively undisturbed locations. They also need to be large enough, with a rough interior for bats to climb and hold on, and need a sealed roof and protected exterior.

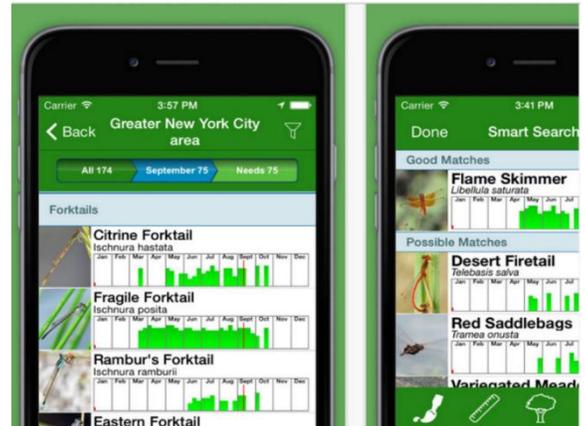
Resources for the Naturalists:

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Dragonfly ID – dragonfly and damselfly identification app by Birds In The Hand, LLC

<https://itunes.apple.com/us/app/dragonfly-id-dragonfly-damselfly/id1011910922?mt=8>

The Dragonfly ID app brings you a comprehensive and easy to use resource to find and identify dragonflies and damselflies across the U.S.



Leafsnap by Columbia University, University of Maryland, and Smithsonian Institution

<https://itunes.apple.com/us/app/leafsnap/id430649829?mt=8>

Leafsnap is the first in series of electronic field guides being developed by researchers from the Columbia University, the University of Maryland, and the Smithsonian Institutions. The free mobile app uses visual recognition software to help identify the species from photographs of their leaves.



The Mushroom Book

<https://play.google.com/store/apps/details?id=de.appassion.mushroom.book>

A great mushroom guide book by Poles. The app features include: descriptions of 86 most common edible, inedible, and poisonous mushrooms, no Internet connection needed, identification based on the species characteristics, and very easy to use.



The Mushroom Book

appassion.net Tools

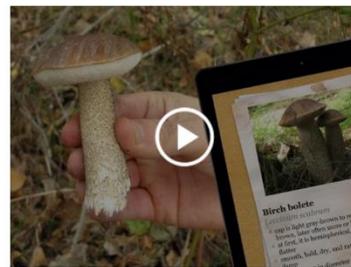
★★★★★ 391

Everyone

You don't have any devices

Add to Wishlist

Install



Resources for the Naturalists:

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The BugGuide

<http://www.bugguide.net/node/view/15740>

Insect Identification

<http://www.insectidentification.org/insects-by-state.asp?thisState=Louisiana>

Bugs and Other Insects from the State of Louisiana

Listing of bugs and other insects that can be found in the Insect Identification database for the state of Louisiana.

Like 293 G+1 9

USDA Natural Resource Conservation Service

<http://plants.usda.gov/java/>

Our Mission Statement:

The mission of the Southwest Louisiana Master Naturalists is to promote awareness, understanding, and respect of Louisiana’s natural resources using unbiased, accurate, scientific information provided by a trained corps of volunteers. These volunteers provide education, outreach, and services dedicated to the conservation and management of our ecosystems



Southwest Louisiana Master Naturalists

<https://www.facebook.com/SWLAMasterNaturalists/>



Find us on Facebook

iNaturalist.org is a place where you can record what you see in nature, meet other nature lovers, and learn about the natural world.



From hikers to hunters, birders to beach-combers, the world is filled with naturalists, and many of us record what we find. What if all those observations could be shared online? You might discover someone who finds beautiful wildflowers at your favorite birding spot, or learn about the birds you see on the way to work. If enough people recorded their observations, it would be like a living record of life on Earth that scientists and land managers could use to monitor changes in biodiversity, and that *anyone* could use to learn more about nature.

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IT'S YOUR NEWSLETTER!

We welcome contributions of original writing of observations on nature in our area of Southwest Louisiana. We also welcome reports, reviews, poems, sketches, paintings and digital photographs. Please type “Newsletter” in the subject line of the email. When you send a digital photograph, please include in the email the subject, your name, location, date and any interesting story or information about the photograph. Please send your email to: arlenevidaurri.cain@yahoo.com

