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## **IN THIS ISSUE:**

### **Backyard Science with Bugs!**

The citizen science projects Backyard Bark Beetles & the School of Ants are seeking participants for their research on some of the tiny, amazing animals that live in our backyards. These projects are a fun and exciting way to learn about some of the cool critters around us and at the same time to contribute to serious scientific research.

- Do you know groups who are looking to learn more about insects, or urban wildlife?
- Are you interested in providing opportunities for participation in real-world scientific research?
- Do you need kid friendly projects?

If you answered yes to any of these questions – please check out our websites and/or get in touch with us to learn more! Our websites provide all that you need to know to get started right away!

<http://www.backyardbarkbeetles.org>

Contact: Sedonia Steininger (email: [m.sedonia@ufl.edu](mailto:m.sedonia@ufl.edu))

### **State 4-H Beekeeping Essay Contest**

Keelan Horton has won the State 4-H beekeeping contest for her research on colonial beekeeping and how important bees were to life then and now. Only one entry is selected for the entire State of Michigan and it was hers! Now on to nationals! This is the letter of congratulations sent to Keelan:

“Dear Keelan,

Congratulations! Your essay “*What’s All the Buzz About?*” has been selected as the winning entry for Michigan 4-H. You obviously spent some quality time researching this topic and putting together an interesting essay. Your hard work shows!

Your essay will be forwarded to The Foundation for The Preservation of Honey Bees, Inc. for national award consideration. As a state winner you will receive an appropriate book about honey bees, beekeeping or honey.

I enjoyed reading your essay and found it quite informative. I am better educated about honey bees, colonial beekeeping and their history. I now know that honey bees were a highly valued commodity during colonial times and those early immigrants often travelled with bee hives to establish them where they lived. Your essay contained many interesting and fascinating facts.

Thank you for submitting your essay and your interest in beekeeping. Mostly thank you for your involvement with Michigan 4-H. Best wishes and good luck to you!

Nick Baumgart, Extension Educator, Environmental/Outdoor Education & Shooting Sports”

*Way to go Keelan!*

### **Rabbit Tracks Resources**

We are very pleased to announce there are two updated and revised Rabbit Tracks documents, “Water” and “Winter Rabbit Care”, now available on the Michigan 4-H Website on the Rabbit & Cavy page [http://4h.msue.msu.edu/programs/animal\\_science/rabbits\\_cavies](http://4h.msue.msu.edu/programs/animal_science/rabbits_cavies) under

“Resources”. Please stay tuned, as more will be available soon! All Rabbit Tracks other than the updated versions listed above, have been taken off line. If you need any of them, please email Leslie Donovan.

### [Demonstrations, Public Speaking and Clowning](#)

Considering trying something new at the fair this year? Sign up to give a demonstration, speech or clowning exhibit. The time, date and place of judging for demonstrations, public speaking and clowning has been changed to **Monday night beginning at 6pm in the livestock arena**. The topic can be on anything you choose. You can even sign up to give a two person demonstration with a friend. If you are interested in learning more you can contact your leader, or Barb Parker, 4-H Superintendent of Demonstrations at [joeparker@fnwusers.com](mailto:joeparker@fnwusers.com), or google 4-H demonstrations, public speaking or clowning. The reward is a life skill, a big ribbon and a chance to share your knowledge with others.

**Keep an eye out for the upcoming public speaking clinic too!**

### [4-H Poland Exchange – 2014 Outbound Experience Scheduled](#)



**2014 marks the year of the outbound part of the 4-H Poland Exchange and there are only three weeks left to register!** Youth age 14 to 19 as of January 1, 2014, will have the awesome opportunity to travel to Poland for one month this summer. Their travel will be from late June until late July. Teens will stay with host families in Poland, explore the Polish culture and will make both memories and friendships that will last a life time. The cost of the trip is approximately \$ 2,000. An informational brochure about the 2014 Outbound 4-H Poland Exchange and the application form are posted on the 4-H website under 4-H Global and Cultural Programs at [http://4h.msue.msu.edu/resources/4h\\_intl\\_exch\\_forms\\_staff\\_info](http://4h.msue.msu.edu/resources/4h_intl_exch_forms_staff_info)

## **NEW! UPCOMING WORKSHOPS/EVENTS/MEETINGS:**

### [Food Bank Poultry Project Service Learning Program](#)



Sign up today for the 2014 Poultry Project! There are ONLY 20 spots available. YOU MUST ATTEND THE PROJECT ORIENTATION MEETING ON **Wednesday, March 26 at 7:00 p.m.**, MSU Extension Office, 2300 East Grand River Ave., Howell, MI 48843. 4-H Members raise five (5) chicks for 8 weeks. The chicks are processed at Munsell’s Poultry Processing. The processed birds are donated to the local Family Impact Center in Fowlerville, MI.

Chicks will arrive the Week of April 14 and the process date will be June 12. You will receive all the educational materials needed during orientation. Questions? Contact Leslie Donovan, 4-H Program Coordinator (517)546-3950 or [LDOANOVAN@msu.edu](mailto:LDOANOVAN@msu.edu)

### [Large Animal General Meeting](#)

**April 1**

**4H Building Fowlerville Fairgrounds**

*Open to all 4H members!* The Presentation, “Animal Nutrition & Showmanship” by Dr. Ken Geuns, retired MSU faculty, will begin at **6:30pm** with a short business meeting afterwards.

## Small Animal Meeting

**April 9**

### **4H Building Fowlerville Fairgrounds**

*Open to all 4-H members!* The Presentation, “Avoid Record Book & Communication Catastrophes” by Laurie Rivetto, Extension Educator, will begin at **6:30pm** with a short business meeting afterwards.

## Spring Achievement

**Friday, April 11**

### **Hartland Education Support Service Center**

You are invited to participate in a County-wide 4-H Event! All 4-H members 5-18 are eligible to participate. Spring Achievement is from **5:30pm – 9:00pm** and pre-registration is required. The forms are available on the county website at:

[http://www.livgov.com/msue/4h/Pages/spring\\_achievement\\_forms.aspx](http://www.livgov.com/msue/4h/Pages/spring_achievement_forms.aspx)

Start planning your projects NOW!!! THE FOLLOWING ARE ELIGIBLE PROJECTS:

#### *WEARABLE PROJECTS*

- Sewing: General Apparel, Costumes, Historical Wear, Animal Show Apparel
- Knitting
- Crocheting
- Buymanship: A garment or outfit that is purchased for \$25.00 or less
- Recycled Wearable: Change an existing garment or Home Decor item and redesign into a new wearable garment

#### *NON-WEARABLE PROJECTS*

- Sewing: Pillows, Home Decor, Animal Show Accessories, Toys
- Needlepoint
- Embroidery
- Macramé
- Rug Hooking or Latching
- Felting
- Counted Cross Stitch
- Quilting
- Non-Wearable Knit or Crochet
- Friendship Bracelets
- Accessories

All projects will be evaluated. Wearable items must be worn for evaluation and in style show. For more Information or Questions: Call Leslie at the Livingston County MSU Extension Office. You can also check out the Resource Library at the Extension Office! If you are a 4-H leader, please pass this information along to anyone in your club who may be interested. Over fifty

new Clothing &Textile related books were added to the library this year. Stop in and get some new ideas for your projects!!!

## [4-H Equine Educational Expo](#)

**April 11-12**

### **MSU Campus**

The Equine Educational Expo is held at the Anthony Hall & Pavilion for Agriculture and Livestock Education. **Monday, March 17<sup>th</sup> is the deadline to have entries to MSUE Livingston County office.** The full details can be found on our website ([http://www.ans.msu.edu/ans/youth\\_extension\\_programs](http://www.ans.msu.edu/ans/youth_extension_programs))

### [Expo Schedule](#)

#### **April 11, 2014**

6 p.m. Registration in Main Lobby of Anthony Hall (for Communications Contest participants only).

6:30 p.m. Communications Contest begins (Anthony Hall)

#### **April 12, 2014**

7:45 a.m. Registration in Main Lobby of Pavilion (Judging Contest and Senior Hippology Participants)

8 a.m. Registration in Main Lobby of Anthony Hall (Horse Bowl and Hippology - except Senior Hippology participants)

8:15 a.m. Horse Bowl Volunteer Orientation (1279 Anthony Hall)

8:30 a.m. Horse Judging and Senior Hippology Orientation (MSU Pavilion)

9 a.m. Hippology begins in Anthony Hall (Seniors in Pavilion) Horse Judging begins in the Pavilion Horse Bowl participant Orientation

9:30 a.m. Horse Bowl Finals begin in Anthony Hall

7 p.m. 4-H EQUINE EDUCATIONAL EXPO Awards Program 1281 Anthony Hall

## [2014 Rabbit Workshop](#)

**April 12**

### **Fowlerville Family Fairgrounds**

Something to hop about! The 2014 Rabbit Workshop is hosted by the Livingston County MSU Extension and will cover rabbit basics, diseases, care, agility course, quiz bowl, etc. Cost is \$5 per participant. Bring your rabbit if you are able to. Registration is from 8:30-9:00am with the workshop beginning at 9:00am and ending at 3:00pm. (Lunch is on your own). Pre-register at:

<http://events.anr.msu.edu/rabbitwksp14>

## [Western Dressage Clinic – April 26](#)



This year 4-H Horse Leaders are hosting a workshop on Western Dressage. Guest Instructor Sharon Davis will be teaching. This is a wonderful opportunity to learn more about this exciting discipline. The clinic will be held at Hardy Farms from 6:30pm-8:30pm.

**Please RSVP** to the Extension office, so we can prepare materials.

## [Air Rifle Match](#)

**April 12**

Demmer Center is hosting an air rifle match on April 12. Children from their Jr. rifle marksmanship program are shooting in it as well as collegiate shooters from MSU, Notre Dame, Purdue, U of M, Grand Valley, Western and Central Michigan. Follow the link below for details. [http://demmercenter.msu.edu/events/2014\\_1st\\_annual\\_red\\_cedair\\_open\\_usa\\_shooting\\_sanctioned\\_air\\_rifle\\_air\\_pisto](http://demmercenter.msu.edu/events/2014_1st_annual_red_cedair_open_usa_shooting_sanctioned_air_rifle_air_pisto)

## [Michigan 4-H Dairy Conference](#)

**April 25-27**

**Bay Shore Camp & Family Ministries, Sebewaing, Michigan**

Do you have an interest in learning more about the dairy industry in Michigan? Then this is the conference for you! You'll learn about real-world dairy management topics, like nutrition, reproduction, welfare, health, and cattle evaluation. You'll have the chance to practice for the state dairy skill-a-thon and quiz bowl contests and get to tour area farms. Experts from the dairy industry and Michigan State University will lead educational, hands-on sessions about dairy management to bring the learning to life! This conference is open to youth ages 13-19 as of January 1, 2014. *Support for this workshop is provided by the American Dairy Association of Michigan and the Michigan Milk Producers Association.*

## [4-H Therapeutic Riding Program Spring Clean-Up Fundraiser](#)

**April 26**

**Fowlerville Fair Grounds**

Bring your OLD SCRAP METAL between 10:00am – 3:00pm (anything large or small) to the Fowlerville Fair Grounds to DONATE for recycling. NO refrigerators, freezers, or air conditioners please! All proceeds benefit the Livingston County Therapeutic Riding Program. A special thanks to Advance Metal Alloys for their dumpster donation and recycling services! Questions? Contact Dorotha Bugard 517-521-3570



## [4-H Science Day with the Lansing Lugnuts](#)

**April 26**

**Play Ball!** Get your Tickets for Tickets are now available for the 2014 4-H Science Day with the Lansing Lugnuts on April 26. The event provides a unique opportunity for both 4-H and non-4-H youth and their families to explore the exciting world of science while enjoying a game of baseball. The day will feature hands-on learning activities at more than 10 science stations, as well as a chance to discover first-hand how science intersects with everyday life – including a day at the ballpark! Attendees will learn the science behind throwing a curveball, keeping the fields green, and their favorite stadium treat. In addition, 4-H groups will lead the 4-H pledge and sing both the national anthem and “God Bless America.” Don’t miss the fun – come join Big Lug for an action-packed day of science, sport and FUN! Tickets are available online for \$10 each until April 18. Children 2 and under are free. Additional details and ticket ordering info can be found at [tinyurl.com/4-HSciDay](http://tinyurl.com/4-HSciDay) or by calling Adam Paschen, Lansing Lugnuts Group Sales Representative, at 517-827-2486.

## [1st Annual Michigan 4-H Bird Swap](#)

**May 3**

## **Eaton County Fairgrounds, Charlotte, MI**

Reserve your swapping space now!

Swappers may purchase a space to swap birds for \$15 with pre-registration or \$20 at the event. Swapper space is on a first come, first served basis. All swappers will be given a swapping decal to denote their participation. Any swappers that do not purchase swapping space will be asked to leave the grounds immediately. All swappers must provide their own caging and birds must be Pullorum tested (Pullorum testers will be available for \$1 per bird at the show). 4-H members may swap their own birds that are entered into the show after they have been judged.

Swapper Pre-registration spaces are \$15 and \$20 the day of the event. Make checks payable to: Michigan State University with State 4-H Poultry Palooza in the memo line. Mail checks and the completed form below, postmarked by April 11, 2014, to: Katie VanderKolk-Ockert, 4-H Youth Development, 446 W. Circle Drive, Room 240 Agriculture Hall, East Lansing MI 48824-1039  
Call 517-432-5270 for more information

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Amount enclosed: \$ \_\_\_\_\_

### **[STATE 4-H Poultry Palooza](#)**

**May 4**

#### **Eaton County Fair-grounds, Charlotte, MI**

Classes in Breed Judging & Showmanship. Other Activities are a Guest Speaker, Bird Swap, and Live Bird Auction. The Cost is \$3 per class with a \$5 entry fee. All exhibitors must be aged 9 to 19 as of January 1, 2012. Want to become a 4-H member? Contact your county MSU Extension Office today! For more information contact your county MSU Extension office or call Katie VanderKolk at (517) 432-5270. Accommodations for persons with disabilities may be requested on your registration form.

The Michigan 4-H Poultry Palooza is sponsored by Michigan 4-H Youth Development Programs, which is part of Michigan State University Extension. We would like to thank the following people for their efforts in planning and conducting the 2014 show! State 4-H Poultry Event Planning Committee: Kay Booth; Lynn Borke; Mary Guy; Matt Munsel; Rachel Munsel; Kathy Pennington; Tom Purves; Jackie Stasevich; Katie VanderKolk-Ockert; Mike Wagner; Dave West



## [The 4H Renewable Energy Camp](#)

**June 23-27**

### **MSU Campus & Sites across Michigan**

Registration is Open for 4-H Renewable Energy Camp! Explore how Michigan's abundant natural resources, growing agriculture industry and emerging technologies are changing the face of energy with this exciting summer camp, June 23-27, 2014. Youth ages 13 to 19 will experience campus life at Michigan State University while enjoying fun recreational activities and learning opportunities, including tours of a wind farm, ethanol plant, Kellogg Biological Station, and more! The cost to attend is just \$190 for 4-H members and \$200 for non 4-H participants; applications are **due by April 25**. For more information, visit: <http://tinyurl.com/4HREC14>.

### **MSU Pavilion calendar**

[http://www.ans.msu.edu/facilities/pavilion/events\\_calendar](http://www.ans.msu.edu/facilities/pavilion/events_calendar)

### **Kettunen calendar**

<http://www.kettunecenter.org>

**Livingston County 4-H calendar** <http://www.livgov.com/msue/4h/Pages/default.aspx>