

JAS Jayhawk Audubon Society

Volume 41 Issue 7 March, 2017

www.jayhawkaudubon.org

Gardening for Birds Workshop

Sunday, April 2nd

1:00 to 4:00 pm

Dreher Family Bldg, Douglas County Fairgrounds
2110 Harper Street, Lawrence, KS

Douglas County Extension Master Gardeners and the Jayhawk Audubon Society partner for a presentation on gardening for birds and a hands-on workshop to make an oriole feeder or chickadee house.

There is no charge to attend the presentation but registration is required. The cost for the construction workshop is \$5 to build either an oriole feeder or a chickadee house; payment is due at the time of registration. Children under 16 must be accompanied by an adult.

Registration deadline is March 23rd

- Attendance at the presentation (1:00 to 2:00 pm) is free. BUT you MUST register.
- The cost to build an oriole feeder or a chickadee house is \$5, \$10 for both. Payment is required at the time of registration.
- Registration for both presentation and workshop is necessary to build a feeder or a house.
- Register at <http://tinyurl.com/zmwufv3>
- *Space is limited.*
Registration deadline is Thursday, March 23rd



Male Baltimore Oriole in fruit tree. National Geographic.

Monday, March 27, 2017

Prairie Restoration at Free State High School:

★ *From Tackles to Tall Grass* ★

Three years of research, education, & outreach

The March 27th JAS meeting will feature Professor Helen Alexander reporting about work that she and FSHS teacher Julie Schwarting and their students have done over the past three years to convert an old football practice field into an experimental prairie restoration. They also created a area of labeled prairie plants for public education. Their overall goal is an easily accessible natural area at the school for use by students in diverse classes. Use of the site by KU researchers and community members is also encouraged.



Prairie restoration area at Free State High School showing grid of differently treated research plots.

Dr. Alexander is a Professor in the Department of Ecology and Evolutionary Biology at KU where she teaches conservation biology, biostatistics, and research methods. Her areas of study are the ecology and evolution of plant-pathogen interactions; hybridization between crop and wild plants; and the long-term demography of rare prairie plants such as Mead's milkweed. She has been honored with several teaching awards, including a Chancellor's Club Teaching Professorship. Projects involving outdoor education and collaboration with secondary school science and math teachers, such as the FSHS prairie restoration, are her preferred outreach and service activities.

BYO Dinner with Helen Alexander: 5:00 p.m.

Aladdin's Café. 1021 Massachusetts St.

Please let Joyce Wolf know if you will dine:
rjjawolf@sunflower.com or 785-887-6019

Program: 7:30 pm. Trinity Lutheran Fellowship Hall. 1245 New Hampshire. Refreshments.

Our Seed Sales Feed JAS as well as Birds!

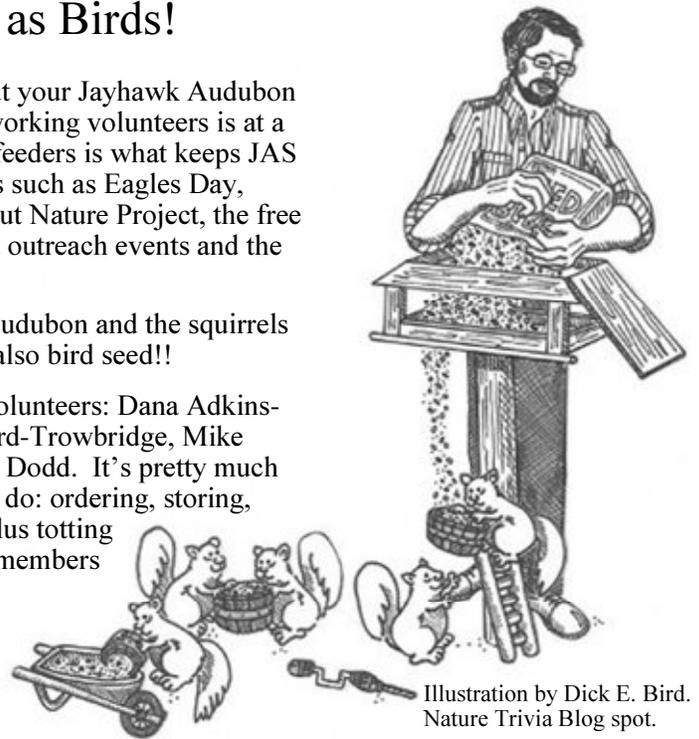
Another fall/winter bird feeding season is winding down, but your Jayhawk Audubon board's appreciation for our loyal member customers and hardworking volunteers is at a peak high! The money earned through sale of seed, books and feeders is what keeps JAS operating and able to support conservation initiatives and events such as Eagles Day, Natural History Museum Camp Scholarships, the Learning About Nature Project, the free Monarch Tagging Event, Earth Day, Audubon of Kansas, Scout outreach events and the new Plants for Birds program.

To all who shop the seed sales, please know that Jayhawk Audubon and the squirrels of Douglas County are full of gratitude...and, in the latter case, also bird seed!!

Special thanks to our so dependable, cheerful and willing volunteers: Dana Adkins-Heljeson, Pam Chaffee, Dave Chaffee, Karen Siebel, Julie Alford-Trowbridge, Mike Fraley, Jennifer Delisle, Gary Anderson, Susan Iversen and Bill Dodd. It's pretty much impossible to adequately thank Ron and Joyce Wolf for all they do: ordering, storing, inventorying, and carting all the books and feeders to and fro, plus totting up and depositing seed sale proceeds and keeping track of new members signed up at seed sales. We'd be lost without you...all of you!

FYI: There is some seed left from the February sale. Call or email me to see if I have what you need, and we'll arrange to get it to your birds...and those rascally, chubby squirrels.

~ Linda Lips, Seed Sale Chair
ditchlily@sprynet.com
 or (785) 766-3567



Conservation Easements Endangered

HB2199, introduced in the Kansas House Committee on Federal and State Affairs, would authorize county commissions to regulate future conservation easements in Kansas thus subjecting easement policy to partisan political whims. It is highly likely some county commissions would block new conservation easements. Ultimately, this takes property rights away from landowners who voluntarily wish to conserve the natural features of their beloved land for all future generations.

It is crucial that we conserve prairies, range land and undeveloped land for posterity. Such lands are also key for wildlife, water quality and carbon sequestration. **Please contact your representatives and members of the KS House Committee on Federal and State Affairs to oppose HB 2199.** For more information and to track this legislation, please visit http://kslegislature.org/li/b2017_18/measures/hb2199/ Don't know your legislator? Then please visit <https://openstates.org/>

Talking points to leave with a legislator about why you are asking them to oppose HB 2199:

- I support a landowner's property right to voluntarily conserve their land for future generations. HB 2199 is a taking of personal property rights.
- HB 2199 creates unnecessary governance over private landownership.
- I support the conservation of our state's prime farmland, the scenic beauty of the Flint Hills, wildlife habitat, and riparian buffers that protect water quality and reduce siltation in our water reservoirs.
- I support the right of Fort Riley to protect its mission by using conservation easements to create a natural buffer around the installation to minimize future conflicts about sound disturbances and radar interference with the installation of commercial wind turbines.

If you have questions, please contact Jerry Jost at 785-766-0428 (phone or text) and jjost@klt.org.

~ Jerry Jost, Executive Director
 The Kansas Land Trust

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- Hospitality: Kelly Barth
- Historian: Ron Wolf
- Books & Feeders: Ron & Joyce Wolf
- Audubon of Kansas
- Chapter Representative: Ron Wolf

Haskell's ecoAmbassadors Invite the Community to a Wetlands Restoration Day:

Saturday, April 8th ~ 9am to 2pm

Lawrence and all surrounding communities are cordially invited to the 2nd annual Wetlands Restoration Day hosted by Haskell's ecoAmbassadors. The event will include a wide variety of events and activities: *canoe rides, redwood basket weaving demonstrations, seed bomb crafts* and tours of project sites on campus. In addition, you'll have a chance to volunteer with Haskell Wetlands restoration and preservation efforts. A presentation on projects that have been the focus of Haskell environmental groups over the years, current programs, and plans on into the future is also scheduled. The fun begins at 9 am and you are free to come and go as you please. Children are welcome and encouraged to attend.

Besides hosting the Wetlands Restoration Day, the ecoAmbassadors, a group of Haskell Indian Nations University students, have researched, planned, and implemented several projects ranging from solid waste recycling to food waste reclamation. The common aim of their activities is to improve Haskell campus sustainability and lessen its ecological impact. Their primary goal with the restoration of the Haskell Wetlands is to provide an ecologically sound area where Lawrence area residents, as well as Haskell students, can benefit from the natural beauty and educational potential.

For more information, contact Julie Maxwell at schmoof@gmail.com or at 785-550-2950.

~ Julie Maxwell, JAS Secretary

DIRECTIONS:

Come straight on Massachusetts St. heading south. As you pass 23rd St., Massachusetts St. turns into W. Perimeter Road. Keep following W. Perimeter through campus and around a curve to the intersection with Barker Avenue. Turn right onto Barker (you are going south). As you head straight you will see the wetlands access gate.



What's on the Horizon?

Birding Basics at Lawrence Public Library

Library staff have put together an engaging slate of programs to broaden understanding and enjoyment of birds. All events are free and open to all ages. No registration is required; bring yourself, friends and neighbors! Email Jake Vail at jvail@lawrence.lib.ks.us for more info.

Wed. 4/5: Birds Up Close, with Prairie Park Nature Center. 7-8 pm, Aud. Get a good look at some live birds!

Wed. 4/19: Birding Basics with Jayhawk Audubon. 7-8 pm, Meeting Room C: JAS will teach you how to be a better bird watcher.

Sun. 4/23: Birding with Dr. Roger Boyd & Jayhawk Audubon Time TBD (am), Baker Wetlands Discovery Center and environs: one of the best locations around.

Wed. 4/26: The History and Future of the Baker Wetlands. 7-8 pm Auditorium: with Dr. Roger Boyd, Baker Wetlands Education Coordinator.

No Shortage of Spring Events

- Tues. 3/7: Echinacea: Herbal Medicine with a Wild History. Kelly Kindscher, Kansas Land Trust, 7-8:30 pm. Flory Meeting Hall West, Douglas Cty. Fairgrounds.
- Thurs. 3/16: Day of Education & Advocacy at the Capitol. 9-2. Let legislators know how you feel about Water, Energy, Air, Land, Transportation, & Health. To have local foods lunch RSVP by March 9th. www.climateandenergy.org/page.59.wealth-day
- Sat. 3/25: Bird Lake Perry Marshes and TAS Sanctuary. 7 ~ 11a. Topeka Audubon Field Trip. For more info: <http://www.topekaaudubonsociety.org/calendar>
- Mon. 3/27: FSHS Prairie Restoration. JAS program. See p. 1.
- Sat. 4/8: Scott Weidensaul, author of Return to Wild America and Living on the Wind will speak at the Burroughs Audubon Society annual dinner and fundraiser. Topic will be Project SNOWstorm, the Snowy Owl research and tracking project he co-founded during the winter irruption of 2013-2014. Details and registration form: <http://burroughs.org/2017/02/evening-scott-weidensaul/>
- Sat. 4/8: Haskell Wetlands Restoration. 9-2. See this page.
- Sat. 4/8: Hidden Valley Girl Scout Camp Workday. 1 - 4pm. Bring your own gloves, hat and H2O bottle. Closed Shoes required. Tools provided. Contact Durand for more information: durandi@sunflower.com
- Sat. 4/15: Family Fun Day. Baker Wetlands. **More next month.**
- Sat. 4/22: Kansas State Champion Trees Tour. 10a -12:30p. \$17. Register at any Lawrence Parks and Rec. Center. Contact Gayle: 832-7909 gsgurdson@lawrenceks.org
- Friday to Sunday. May 5,6 & 7:
KS Ornithological Society Spring Meeting.
This year's meeting is headquartered in Pittsburg with birding in SE Kansas. Registration is \$15. Accommodations and meals are not included. Register/ book soon. Limited hotel rooms will fill fast! Registration form and full details at http://ksbirds.org/kos/Spring2017/2017_KOS_Spring.htm

Donate to the Chickadee Checkoff

Tax time is inexorably lumbering toward us with all its pain. *But one feel good tax thing is the Chickadee Checkoff option which funds nongame wildlife programs* of the KS Dept. of Wildlife, Parks & Tourism. Checkoff donations support research and education on conservation needs of the *over 4,500 different nongame species in Kansas (turtles, songbirds, lizards, fish, insects, threatened and endangered species, mammals, etc.)*. Donations also restore habitat, and, very importantly, provide matching funds to secure federal wildlife grants for nongame species conservation. JAS Eagles day has been the beneficiary of the Checkoff Small Grants program! To donate just check the Chickadee Checkoff box.

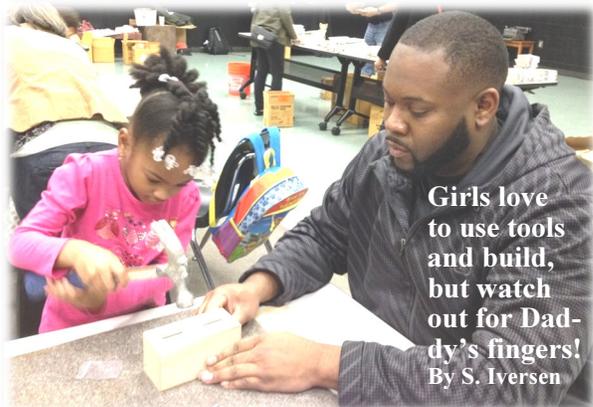
For lots more information visit:

<http://ksoutdoors.com/Services/Wildlife-Diversity/Chickadee-Checkoff>

Report on the 21st Annual Kaw Valley Eagles Day

A rich learning opportunity with moments of wonder and enlightenment all wrapped up in relaxed smiles and warm welcomes from human participants and piercing stares from the raptors present ~ that was Jayhawk Audubon's and Clinton Lake Corps of Engineers' gift to the community via the Eagles Day free event on January 21, 2017.

Our wonderful, faithful exhibitors and presenters (Marty Birrell and Mike Watkins are precious resources!) showed up with enthusiasm and fresh displays and activities. That is part of the beauty of the day: many elements persist from one year to the next,



Girls love to use tools and build, but watch out for Daddy's fingers!
By S. Iversen



A fascinating owl pellet "treasure" hunt aided by volunteer Maggie Wolf. By Jim Bresnahan



Kaw Valley Bluebird volunteer Wendy Rose

Hoping for a bluebird!
by S. Iversen

so it is comfortable and friendly, but there are always new twists and fresh faces. Thank you to our exhibitors for devoting their time, talent, and hard work to spreading the stewardship and conservation message.

The Army Corps of Engineers at Clinton Lake and USD 497 are valued partners in planning and bringing off the event. Representatives serve on the Eagles Day Committee, and they do a lot of the 'heavy lifting'. All applause and credit go to the committee members — some of whom have been doing this for all 21 years!!

Chair Bunnie Watkins, Joyce Wolf, Ron Wolf, Pam Chaffee, Samantha Jones, Sue Gehrt, Marty Birrell, Mike Watkins, Dena Friesen, Jon Standing, Gary Anderson, Kipp Walters, Eileen Ullrich, Susan MacNally, Erica Keller, Vanessa Carlos, and Janette Haak.

We can't wait for next Eagles Day: Saturday, January 20, 2018!

The generosity of our Sponsors, Contributors, & In-Kind Supporters makes Eagles Day possible . Thank You!

- Jayhawk Audubon Society
- U.S. Army Corps of Engineers
- Lawrence Public Schools
- Kansas Department of Wildlife, Parks & Tourism—Chickadee Checkoff Program
- Home Depot
- Westar Energy Green Team
- Baker Wetlands Discovery Center
- ICL Performance Products, LP
- City of Lawrence – Waste Reduction & Recycling Division
- Crown Toyota-Volkswagen
- Lawrence Antique Mall
- Lawrence Public Library
- Free State Brewing Company
- Sunflower Outdoor & Bike Shop
- The Community Mercantile
- Water's Edge
- Weaver's
- The Raven Book Store
- Einstein Brothers Bagels
- Great Harvest Bread Company



Bald Eagle at Clinton Lake.
By Jim Bresnahan.



Playing Jeopardy with Sue Funk of NRCS!
Douglas County Conservation District
By Jim Bresnahan

Question: WHY DO BIRDS BUILD NESTS?

Answer: TO KEEP THEIR EGGS & BABIES SAFE.

Here Are Some of the MANY Types of Bird Nests:

Cavity Nests:

Natural holes or holes dug or pecked out in trees. Also tunnels dug in the ground or river banks.

Made by woodpeckers & kingfishers. Bluebirds, owls & chickadees nest in natural or old holes of woodpeckers. ↙



Chickadee nest in natural cavity.

Cliff Swallow mud nests.



Mud Nests:

Wet mud or clay is collected & shaped by birds. It dries very hard.

Made by Cliff & Barn Swallows & Flamingos.

Hanging Nests:

Woven of grasses, other plant fibers, & string. Often at the tip of a branch.

Made by orioles.



Scrape nests:

Shallow hollow on the ground in sand, gravel, dirt or leaf litter.

Made by Wild Turkeys, terns, Killdeer, plovers. ↘



Least Tern at scrape nest.

Stork Nest on car on pole!



Platform Nests:

Piles of sticks & twigs on trees, cliffs, & things made by people like chimneys or poles.

Made by eagles, storks, osprey & doves.

Different kinds (*species*) of birds build different kinds of nests because of:

- ★ Where they live (habitat): grassland, forest, seashore;
- ★ What building materials are available;
- ★ What kind of predators are hunting them and their eggs;
- ★ Their size: tiny hummingbird, huge eagle or in between;
- ★ How many eggs they lay: one or two, or as many as 17!! (the Gray Partridge);
- ★ Whether their babies are precocial or altricial:

Altricial ↓



Precocial ↑

(*Precocial* birds hatch with their eyes open. They are covered with down feathers, and able to walk or swim. Ducks, sandpipers and quail are all precocial.)

(*Altricial* birds hatch with closed eyes, little or no down, & are helpless. Robins, bluebirds, hawks and eagles are all altricial.)

★ But a **BIG THING** to understand about nest building is that birds don't dream up or plan out the nest they will make. Bird parents don't teach their young how to build a nest. Birds are born knowing how to build the kind of nest their species builds. Such inborn knowledge is called instinct.

USE YOUR NESTING KNOWLEDGE: (Puzzle answers in newsletter on JAS website.)

Write the letter of the nest type on the matching picture:

- A. PLATFORM NEST
- B. SCRAPE NEST
- C. CAVITY NEST
- D. CUP NEST
- E. MUD NEST



THINGS TO DO:

- ★ Search your yard & neighborhood for nest material. You may find grass, sticks, mud, plant fibers, spidersilk, string, paper... Birds use all these & more.
- ★ Try making a nest out of your finds. Probably not that easy to make a strong, cozy one like some birds do. (This could be messy! Lay out some paper first.)
- ★ Search your neighborhood for old nests. Record what you find in your nature journal. Can you find a barn swallow mud nest on any buildings?



- ★ Put out nest material for backyard birds: Yarn, string, pet fur, strips of fabric or? Record who uses what in your journal.

- ★ Watch this video of 2 White-throated Kingfishers digging a cavity nest in a bank. The dirt flies!
<http://people.eku.edu/ritchison/birdnests.html>
These birds are widespread in Asia.

At the Library:

- ~ *Animal Architects. How Birds Build Their Amazing Homes.* W. Wright Robinson. 1999. Children's room.
- ~ *Even An Ostrich Needs a Nest. Where Birds Begin.* Irene Kelly. 2009. Children's room.
- ~ *Birds, Nests, and Eggs.* Mel Boring. 1996. Children's room.
- ~ (for adults: *Avian Architecture. How Birds, Design, Engineer & Build.* Peter Goodfellow. 2011.)

BIRD NEST WORD SEARCH

S	Y	T	E	R	Z	H	G	D	E	K	W	C	H	M	N	E
M	E	G	X	M	B	A	T	R	Y	C	A	S	I	P	E	M
N	G	I	I	K	T	N	U	X	A	V	M	C	A	R	Y	D
S	G	U	B	P	H	G	U	M	I	S	W	R	T	W	D	I
Y	A	L	E	A	I	I	I	T	R	L	S	A	N	R	A	B
X	R	P	C	U	B	N	Y	Q	A	E	Z	P	A	C	I	N
P	F	V	T	A	V	G	O	Z	F	S	O	E	G	X	K	N
K	L	G	X	V	P	Z	O	O	S	L	P	L	Y	I	X	Q
B	N	E	L	O	H	G	W	P	A	O	D	K	E	Z	L	X
Q	B	A	B	O	H	K	I	I	G	M	M	E	H	I	L	H
Z	M	P	B	Y	W	D	N	P	U	C	R	K	H	L	C	S
J	M	T	Z	R	E	J	K	D	H	P	O	A	A	Z	B	B
V	X	Q	S	R	E	K	C	I	T	S	F	C	R	Q	C	G
W	S	E	S	C	H	V	R	U	X	W	T	D	C	G	L	V
X	H	I	B	Y	T	I	I	K	U	W	A	N	N	P	L	A
Q	L	U	J	Z	P	H	Y	R	L	E	L	E	X	T	R	P
K	E	T	A	B	U	C	N	I	A	T	P	E	W	G	B	K

- | | | |
|--------|----------|------------|
| BABIES | HANGING | RIVERBANK |
| BARN | HOLE | SCRAPE |
| CAVITY | INCUBATE | SPIDERSILK |
| EGGS | MUD | STICK |
| GRASS | PLATFORM | TREE |

USE YOUR NESTING KNOWLEDGE PUZZLE ANSWERS:

Write the letter of the nest type on the matching picture:

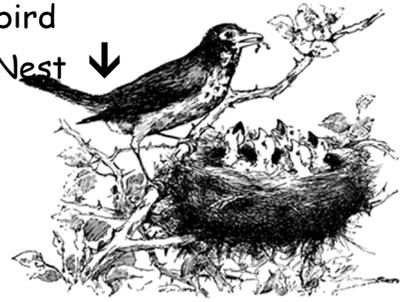
- A. PLATFORM NEST
- B. SCRAPE NEST
- C. CAVITY NEST
- D. CUP NEST
- E. MUD NEST

- E. Mud Mound Nest of Flamingo. ↓



- D. Songbird

Cup Nest ↓

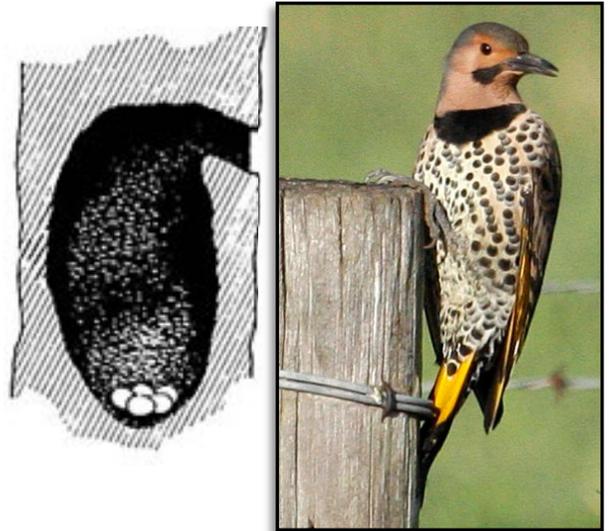


- B. Piping Plover Scrape Nest ↓



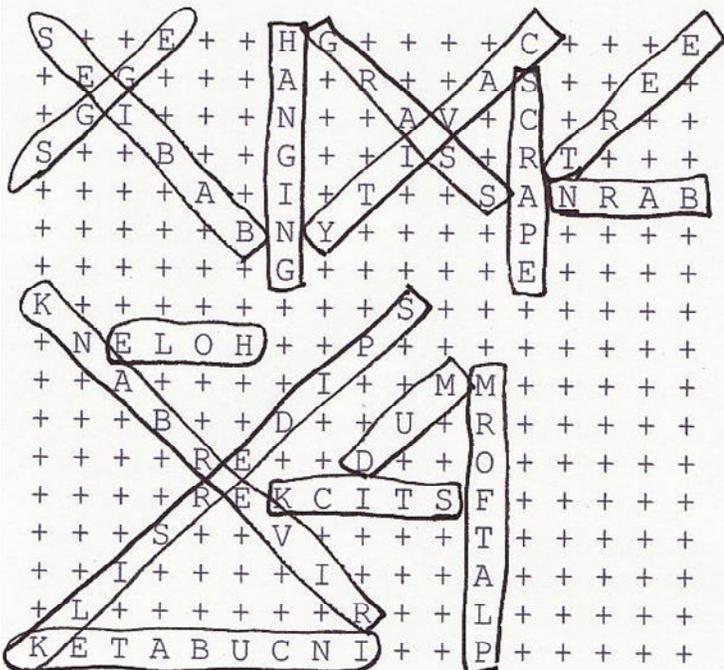
- C. Cavity Nest of

Northern Flicker ↓



BIRD NEST WORD SEARCH

Solution



- A. Osprey Platform Nest



- | | | |
|--------|----------|------------|
| BABIES | HANGING | RIVERBANK |
| BARN | HOLE | SCRAPE |
| CAVITY | INCUBATE | SPIDERSILK |
| EGGS | MUD | STICK |
| GRASS | PLATFORM | TREE |

The Hidden Life of Trees:

What They Feel, How They Communicate--Discoveries from a Secret World

By Peter Wohlleben

Reviewed by Barbara Watkins

We know that trees are important members of our communities: they provide shade for our homes and gardens and healthy fruit and nuts to eat; they can also increase property values, help lower energy costs, reduce erosion, produce oxygen and absorb carbon dioxide, and offer shelter and mating/nesting sites for birds and wildlife. But we know much less about how trees form a nourishing community for each other. *The Hidden Life of Trees* (Greystone Books, 2015) teaches us why forests “matter on a global scale” and how they are important at a “more fundamental level than most of us realize.”

Peter Wohlleben worked for twenty years for the forest commission in Germany. He now works for the “return of primeval forests” as the steward of an “environmentally friendly woodland.” He writes on ecological subjects and is the author of several books on trees.

In the opening chapter, “Friendships,” he asserts that trees are amazingly social: “Why do they share food with their own species and sometimes even go so far as to nourish their competitors?” As with humans, there are advantages to working together. They need each other to establish a “consistent local climate,” because they are at the mercy of wind and weather. They collaborate with each other, synchronize their activities, and share nutrients—even after their death, and care for sick and infirm companions. Their success is illustrated in the fact that many trees live an astonishingly long, healthy life. One of the oldest documented trees, a spruce in Sweden, is over 9,500 years old.

Unlike humans, trees use a totally different way to communicate: by scent. They also communicate by visual and electrical signals. When they perceive a danger, “trees can release pheromones that summon specific beneficial predators [that] help trees by eagerly devouring the insects that are bothering them.” Trees that stand alone cannot communicate like those in a forest. They have no audience. And selective breeding has also caused cultivated trees to “lose the ability to communicate above or below ground . . .”

A surprising fact about trees is that, again unlike humans, the older they are, the more quickly they grow. For trees, “being old doesn’t mean being weak, bowed, and fragile. Quite the opposite, it means being full of energy and highly productive.” As conservation groups advocate, we must allow trees to grow old if we want to use forests “as a weapon in the fight against climate change . . .” Even dead trees provide nutrients to subsequent generations, delivered by “thousands of species of fungi and insects.” A fifth of all animal and plant species (about 6,000) depend on dead wood.

In his chapter on urban trees, “Street Kids,” Wohlleben compares trees that are planted in restricted spaces, such as on streets, to forest trees. Although street trees are often pampered for their first few years or decades, when their roots grow out, they are in for a “big surprise.” Their questing roots are blocked by hard soil under cement or pipelines; they are challenged by hot dry weather, exhaust fumes, and “unsolicited extra fertilizers” (usually from dogs), and winter salt. They have hard lives and usually die prematurely.

Wohlleben describes how Korean scientists have tracked older women when they walk through forests versus urban areas. When these women walked through forests, “their blood pressure, their lung capacity and the elasticity of their arteries improved, whereas an excursion into town showed none of these changes.” He encourages us to follow suit: “look around where you live. . . Slow down, breathe deep . . . What can you hear? What do you see? How do you feel?” Let’s all take a break from dealing with the stress in our nation and our state, and go for a therapeutic walk in the woods.



Jayhawk Audubon Society
P.O. Box 3741
Lawrence, KS 66046
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Return Service Requested



Two rare Eagles encountered at Kaw Valley Eagles Day in January. Definitely new species for the life list!

Programs of the Jayhawk Audubon Society are free.

All are welcome!

JAS is a 501(c)(3) nonprofit organization

Become a Member: Just \$20 to join both National Audubon and Jayhawk Chapter.

 National Audubon Society membership is \$20.00. Members receive four issues per year of the Audubon magazine and will be enlisted as members of the Jayhawk Chapter. All members also receive 9 issues of the JAS newsletter per year and are entitled to discounts on the books and feeders we sell to raise funds to support education and conservation projects. (Make your check payable to National Audubon Society and mail to our JAS membership chair at the address below. You may also join National Audubon online at https://secure.audubon.org/site/Donation2?df_id=9431&9431.donation=form1&s_src=2015_AUDHP_topbanner-button-menu.)

 Chapter-only membership to Jayhawk Audubon Society is \$10.00. (Make check payable to Jayhawk Audubon Society.) You will not receive the Audubon magazine. Those with National Audubon memberships are encouraged to support the chapter by voluntarily paying these dues. Chapter membership expires annually in July. JAS is a 501(c)(3) nonprofit organization. Donations are tax deductible.

 To join or donate to Audubon of Kansas make check payable to AOK or use this online link - <http://www.audubonofkansas.org/joindonate/>.

Please send this completed form and your check to JAS Membership Chairs at the following address:

Ruth & Chuck Herman; 20761 Loring Road, Linwood, KS 66052; e-mail contact: hermansnuthouse@earthlink.net.

Name _____; Address _____;
City _____; State _____; ZIP Code (9) digit _____;
Telephone (with Area Code) _____
Email address _____

Jayhawk Audubon does not share membership information with non-Audubon entities.

C6ZJ020Z