

The annual Wildflower Walk, usually held in June, is postponed this year. But you can still look for wildflowers on your walks. This is an excellent resource:

<https://www.kswildflower.org/>

This site contains information and more than 7968 identification photos for 985 species of forbs, grasses, sedges, rushes, trees, and other woody plants found growing in Kansas.

All photographs were taken by Mike Haddock unless otherwise noted.

Below are some of Mike's photos that you might see in June.

Kansas Wildflowers & Grasses

This site contains information and more than 7968 identification photos for 985 species of forbs, grasses, sedges, rushes, trees, and other woody plants found growing in Kansas. All photographs were taken by Mike Haddock unless otherwise noted.

- Wildflowers Listed by Color
- Wildflowers & Grasses Listed by Time of Flowering
- Grasses
- Sedges, Rushes, Ferns and Related Plants
- Trees and Shrubs
- Common Name Index
- Scientific Name Index
- Plant Morphological Features (Drawings)
- Bibliography
- Glossary
- Nomenclature Authorities
- Links
- About this site



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 Maintained by Mike Haddock
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Research

Education

Conservation



Green milkweed



Eastern gamma



Fringed puccoon



Blue gamma



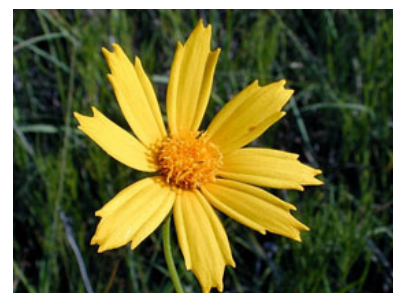
Buffalo grass



Orange butterfly



Spiderwort



Coreopsis

friends of
KONZA
prairie

Spring 2020



KPBS Director's Report John Blair

Dear Friends of Konza Prairie,

I hope that this issue of Bison and Bluestem finds you well and enjoying the spring weather, the return of migratory

birds, and the greening of the prairie! In addition to the typical signs of spring, this year has brought many changes to our daily routines and our social interactions. For many of us, these necessary responses to the COVID-19 pandemic have been challenging and stressful. For many of us, the ability to spend some time outdoors in nature provides a welcome respite from teleworking, remote meetings, and social distancing, all of which are necessary at this time. At Konza Prairie, we've had to make a number of adjustments that affect not only research activity at the station, but also our educational and outreach programs.

Konza Prairie is managed by Kansas State University and we are in a "limited operations" status until at least mid-May. Research and general operations are restricted to essential personnel and mission-critical activities. The continuation of our long-term fire treatments, many going for more than 40 years, is an essen-

tial activity. We also are continuing other selected long-term experiments and data collection that can be done safely and with minimal personnel. We are cautiously optimistic that we will be open to both local and visiting researchers later this summer. All non-research activities on Konza (educational programs, tours, meetings, etc.) have been suspended until at least May, when we will reassess the situation. However, the Nature Trail remains open to the public, and you are welcome to visit and enjoy the reawakening of the prairie. However, please follow all posted rules (no dogs, no bikes, stay on trails) and use appropriate measures to limit potential disease spread (stay home if you are not well, no large groups, practice social distancing, minimize person-to-person contact, etc.)

Your support of Konza is as important as ever as we adjust to the challenges of operating under these unusual conditions and look forward to resuming the multifaceted research and educational programs that are hallmarks of the Konza Prairie Biological Station. As always, please feel free to contact me (jblair@ksu.edu; 785-532-7065) with any questions or concerns about Konza.

FOKP President Kelly Yarbrough



I stepped into the role of President of the FOKP board of directors starting January 1, 2020, for a one year term. Serving FOKP in this way is an honor, and I look forward to working with our board members as we continue to support the vital work being done at KPBS.

Already in 2020, the board has been engaging in some high level strategic thinking around how the FOKP organization can best support the trifold mission of the KPBS, how to best communicate our mission and vision to our members and beyond, and how to increase transparency in how we operate. I look forward to sharing more about this work with you later in the year.

Before I moved to Manhattan in 2013 or knew anything about the community, I had visited Konza Prairie and I knew that it was a valuable asset to ecological research. I continue to be encouraged and inspired by the staff, researchers and volunteers that make Konza the special place that it is, and I look forward to helping further our mission.

Thank you for your support.

Pivoting...

On Friday, March 6, the KEEP program finished the spring portion of the new docent training program. We reviewed the Schoolyard Long-term Ecological Research (SLTER) activities offered by KEEP, went outside and ran through the activity titled “Effects of Fire on the Prairie,” but called the “Hulbert Plots” by just about everyone else, and then we finished up by watching the controlled burn in the bison area over by Butterfly Hill. We thought we’d take Spring Break off for a week and then be right back at it and start our spring semester at full speed with the beginning of school groups...boy, were we wrong! We haven’t been back yet.

With the imminent threat of COVID-19 came the shutdown of KEEP and the cancelling of every one of our spring programs. It was interesting...it started out as just those scheduled for April and then it slowly started to include those in early May, and finally, heartbreakingly, all of the activities for the semester. We’re now wondering about the future of our summer activities, specifically our Summer Teachers’ Workshop. It’s scheduled for June 15-19 and we don’t know if we’ll be able to offer it this year.

But, it’s times like these that bring out the creativity in us all! So, we’re pivoting and thinking about the needs of the teachers, parents, and kids who are homebound and needing diversions and educational content to keep

them entertained and educated. The only method we have to communicate with them is via social media – Facebook, so we’re using several different Facebook pages to provide Konza Nature Nuggets several times a day. Each Nugget addresses a nature topic that kids can explore by going outside often by simply looking at things in their yard or nearby park. Kids and families don’t have to go to a prairie to find nature, that is the message behind these Konza Nature Nuggets.

Additionally, KEEP is collaborating with the Kansas Association of Conservation and Environmental Education (KACEE) to produce educational videos, worksheets, and hands-on activities that teachers and parents both can use for at-home lessons. I’m currently working on one incorporating the concept of seeds into an at-home lesson. Hopefully, kids will learn about the different types of seed dispersal mechanisms and then devise a seed of their own imagination. This is a new frontier for us all, we’re all pivoting...

Thank you for your continued support and assistance, we need you now more than ever!



Konza Prairie Nature Trail

Published by Jill Knutson Haukos [?] · March 25 at 11:22 AM · 🌐

Konza Nature Nugget - Wednesday, March 25th - Amphibians! Did you know that the Flint Hills is home to lots of amphibians? Right now is a great time to get out and hear the Spotted Chorus Frogs calling. Just about any body of water - large or small - will have Chorus Frogs calling. The best times are early in the morning and right at twilight in the late afternoon. The Chorus Frog is tiny - only about 1" long but its call can be very loud! These Frogs are important to our ecosystem - they eat lots of bugs - so be careful with your use of insecticides. Your assignment - go outside, find some water and listen for the Chorus Frogs!

Thanks to [Ken Stafford](#) for letting us share his wonderful recording from the Konza Prairie trail - this is on the Godwin Hill 6.2 portion of the trail.



509 Views

[Ken Stafford](#)

Docent Spotlight: Don Garwood

Hallie Hatfield



1. What motivated you to become a Konza Prairie docent?

Each year the folks at Konza Prairie, K-State's Plant Materials Center and the North Agronomy Farm take turns hosting an off campus Christmas potluck lunch. Being at the Plant Materials Center, it goes back to those Christmas potlucks. Volunteering at Konza was just a natural progression when I retired.

2. What are some of your hobbies & interests?

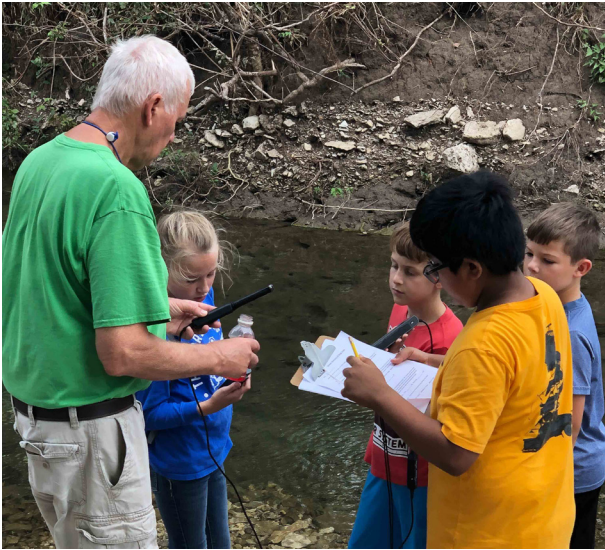
My hobbies and interests include reading, gardening, museums and music.

3. What has been the best part of being a volunteer at Konza Prairie?

The best part of being a volunteer at Konza is that you never stop learning.

4. What brings you the most joy in your life?

My family first and probably our two dogs second.



Photos: Jill Haukos

New FOKP Board Member



Pam Blackmore, originally from Alberta, Canada, received her Bachelor of Landscape Architecture degree from Utah State University in 2013. She next worked a few years doing landscape design, environmental impact statements, and vegetation monitoring for a design firm, the Bureau of Land Management, and an environmental planning firm in Utah.

She came to K-State in January of 2017 and completed a Master of Landscape Architecture degree with a graduate certificate in GIScience in May 2019. Her master's thesis compared the butterfly and plant community of the Memorial Stadium green roof to native tallgrass prairie at Konza Prairie and Warner Park in Manhattan, Kansas.

While completing her thesis research, Pam fell in love with Konza Prairie. She is now the GIS Specialist for the Konza Prairie Long-Term Ecological Research Program in the Division of Biology at Kansas State. She finds joy in photography, vegetable gardening, music, learning new plants and butterflies, and spending time with family.

Call for Photos for 2021 Konza Calendar

Photos -

What photos will fill the pages of 2021 calendar?



It is time to choose the photos you would like to submit to the calendar committee for the 2021 calendar. You are asked to choose five of your very best, high resolution photos that you have taken while on the Konza Prairie Biological Station. Submission criteria include the following:

1. Images must be taken on the Konza Prairie Biological Station, and may include landscapes, flora, fauna, or activities at Konza (research, environmental education, etc.) We hope to receive images taken at different seasons on Konza, and we are particularly interested in unique and original subjects.
2. Images must be in LANDSCAPE format. The printed calendar will contain photos printed approximately 10 inches horizontal by 7 1/2 inches vertical. Portrait format photos may be considered for use on FOKP note cards. Email photos to jpwatson40763@gmail.com.

The deadline for submitting your photos is June 21. We have had wonderful photos submitted in past years, and we expect some great and beautiful photos this year too.

Docents, FOKP members, and faculty/staff are eligible to submit photos. If you have any questions, please contact Jeff or Patti Watson, 740-502-3749 or 740-502-1130 or the email above.

The KPBS Staff:

Director John Blair, Ph.D.
Assistant Director Eva Horne, Ph.D.
Administrative Asst. Barb Van Slyke
Director of Education Jill Haukos
KPBS Project Manager Jim Larkins
KPBS Burn Coordinator Patrick O'Neal
Environmental Educator Hallie Hatfield

The Friends of Konza Prairie (FOKP) promote the interests of Konza Prairie Biological Station as they pertain to its mission of Research, Education and Conservation. Membership in FOKP is open to all individuals, groups and businesses that share an interest in the common goal of supporting the Konza Prairie Biological Station.

For FOKP membership and general information, call 785-587-0441, or visit the Konza Environmental Education Program (KEEP) website at: <http://keep.konza.ksu.edu> Also, see the back of this issue for a membership form.

The FOKP Executive Board:

President Kelly Yarbrough
Treasurer Noah Busch
Historian Joe Gelroth

The FOKP board consists of:

The FOKP board members:

Cydney Alexis (re-election for 3 years Dec. 2019)
Chris Bailey (re-election for 3 years Dec. 2020)
Josh Brewer (re-election for 3 years Dec. 2021)
Noah Busch (re-election for 3 years Dec. 2020)
Kelly Carmody (re-election for 3 years Dec. 2021)
Kelly Yarbrough Frasier (re-election for 3 years Dec. 2020)
Joe Gelroth (term expires Dec. 2019)
Allie Lousch (re-election for 3 years Dec. 2019)
Courtney Masterson (re-election for 3 years Dec. 2021)
Donna McCallum (term expires Dec. 2019)
Lucas Shivers (term expires Dec. 2021)
Ken Stafford (term expires Dec. 2020)

Joining the board on January 1, 2020:

Jim Koelliker - 3 year term expiring Dec. 31, 2022
Jeff Watson - 3 year term expiring Dec. 31, 2022
Marcia Rozell - 3 year term expiring Dec. 31, 2022

Friends of Konza Prairie
Kansas State University
Division of Biology,
116 Ackert Hall
Manhattan, KS 66506-4901
785-587-0441
#308



MISSION

Konza Prairie Biological Station (KPBS) is a native tallgrass prairie preserve owned by The Nature Conservancy and Kansas State University and operated as a research station by the Division of Biology. The Friends of Konza Prairie (FOKP) promotes the interests of KPBS as they pertain to its mission of research, education and conservation.

Bison & Bluestem is published by the Friends of Konza Prairie

New and Renewing FOKP Members

Thank you all for your support of the Friends of Konza Prairie!

Members who have newly joined or renewed their membership since the last issue of the Bison & Bluestem include:

Student

Thomas Helfrich

Little Bluestem

Diane McClenny-Post & Wally Post
Karen L Wells & Dan Francke
Thomas and Chris Herald
Don Garwood
Jocelyn & James Baker
Craig & Jane Freeman
Tom & Andrea Krauss
Allie Lousch
Nicole Wade
Mike & Dru Clarke
Bob & Elaine Shannon
Bill & Ann Feyerharm
Paul Post & Kay Kelly
Ginny & Jeff Petersen
Dick & Martha Seaton
Jerry Dees & Deborah Murray
Bob & Betsy Thompson
Frank J. Padula
Nancy Withee Knorp
Jim, Mary & Mike Higgins
Ruth & Glenn Rodden
Selies Pemberton
Martha Blackman
Karen Barker
David Wheaton
Ibrahim Saeed & Sandia Kahn
Bruce & Brigitte Kidder
Greater Manhattan Community Foundation
Gary & Sandra Brase
Kathleen Hoss-Cruz
Duane & Cindi Dunn
Michael Donnelly & Jackie Macdonald
Mary Alice & Norm Schlesener
Leslie Alford
Ray Hauck
Jeffrey Johansen
Terry & Paula Harbert
Kevin Fruechting
Majka Jankowiak
Jason and Tina Cade
Beth Bailey
Vera A. Langemeier
Dwight Platt
Ashley Hinkson
Jan Johnson
Dennis Bruzina
Pam Blackmore
Scott Zeimet
Margo Kren

Mark Horlings
Annie Baker
Nora M. Bello
Larry Campbell

Big Bluestem

Mary McInteer
Paul & Nancy Ohlenbusch
BBN Architects Inc
Mike and Toni Haddock
Chip & Jane Winslow
Betty CS Sterling
Chod & Sari Hedinger
Gary & Carolyn Haden
Dave Mayer
Marguerite & Neal Fleming
Simon Malo & Valerie Wright
Paul Johnson
Larry & Ruth Williams
Denis & Donna Callaghan
Phyllis & Warren Slocombe
Marie Thomas
Dennis Crock & Cheryn Miller-Crock
Patrick & Susan Gormely
Dan & Latane Donelin
David & Sandy Procter
James & Susan Copeland
David & Jennifer Saab
Preston & Diana Chapel
Tom Hulbert
Annette & Steven Huff

Flint Hills

Larry & Sandy Murphy
Charlie & Pat Grimwood
Bob & Jan Davis
John Laffoon
Max & Kay Russell
Lyle & Chris Butler
Rod Noble

Prairie Chicken

Clay Harvey & Patty McGivern
Mary Cottom
Sandy & Andrew Klein
Alan & Joan Smith
Alice Boyle
Mark Hulbert & Merideth Tomlinson
Jack & Jan Carlson

Bison

Mary & Carl Ice
Dr. & Mrs. Duane Miksch
Grant & Toni Milleret
Holly Serk & Thomas Einck
Shelly & Darren Gunderson
Buttonwood Art Space
Jim & Susan Koelliker
Civic Plus

Meritrust Members

Jonathan Osborn
Amanda Fields
Harry Gregory
Wyatt McFarland
Samantha Reiff
Leonardo Leiva-Mejia
Siana De La Cruz
Cole Hutchinson
Elaina Gaither
Brandy Ordiway
Peter Onelio
Timothy Northrup
Matthew Keen
Jeanette Kekahbah
Nadal Abudayyeh
Romula Pisa-Lollato
Barbara Tripp
Marvin Clay
Peter Cocozoli
Trevor Waggoner
Vilaivanh Vongkhotsombat
Edmond Stansberry
Samuel Corral
Thomas Helfrich
Bailey Herron
Peyton Carselowey
Lucas Weisbender
Jamerehlatt Jackson
Dayna Hull
Ian Black
Kevin Bryant
Laura Pray
Dalton Viergever
Melissa Riley
Rafael Hernandez
Gregory Witt
Alyssa Gleason
Jolene Roberts
Jennifer Romero
Karina Gresty
Srikamphon Gibson

Scott Zeimet
Mi Kim
Faith Scaglione
Lindsey Wiley
Ruth Gibbs
Shawn Cool
Keonte Concepcion-Summers
Karina Torres
Justice Williams
Randall Cluff
Alexis Trimarco
Patrick McKay
Mitchell Hitt
Brian Elsen
Kara Fiske
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Adam Cruz
Kassandra Curley
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Junior Merchant Li
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Dakota Dohm
Brian Sanders
Alexa Ryan