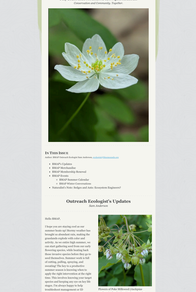
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BMAP

BLUE MOUNDS AREA PROJECT

July 2020: Blue Mounds Area Project eBulletin

Conservation and Community, Together



In This Issue

Learn what's been in bloom from the restored [prairie](#) to the [pasture](#).

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Outreach Ecologist's Updates

Beth Anderson

Hello Friends!

I hope you are staying well as we enter a hazier, hotter and likely muggier July. Things have brought an abundant rain, making the prairie plants and pastures grow like gangbusters. We've had a lot of visitors to the prairie, which is always fun, and I've been busy with a variety of projects, including BMAP's Cyclone, which you can read about below, and a new [Prairie Seed Harvester](#) that I've been using to collect seeds from prairies and pastures. Summer work is full of cutting, pulling, spraying, and collecting seeds. I'm also working on a couple of grant proposals that will help us continue our work on ecological restoration and education in the area. This involves thinking one step beyond the current season, which is a fun challenge. The photo [here](#) is the fruit of my labors, a beautiful specimen of Ohio Spiderwort (*Tradescantia ohiensis*) that I collected from a roadside and transplanted into my garden. Spiderwort is a native plant that is easy to grow and attractive to pollinators.



Flowers of Ohio Spiderwort (*Tradescantia ohiensis*), which I collected from a roadside and transplanted into my garden.

We are now in the seeding-all-our-summer-cover-crops, and-we-have-an-excellent-line-up-of-[BMAP Cyclone](#) volunteers to help us get it done. Thanks to BMAP, groups like [Natural Resources Conservation Service](#) and [Iowa County Dairy](#), we've planted 250 acres of cover crops this year, and we're getting it done one planter, one fertilizer, or hauling bin-by-manure-spreader at a time.



Flowers of Ohio Spiderwort (*Tradescantia ohiensis*), which I collected from a roadside and transplanted into my garden. Spiderwort is a native plant that is easy to grow and attractive to pollinators.

My field season is filling up quickly, but I still have some availability for late August and September. Please feel free to contact me if you would like a consulting visit for your property, or to help with your property. Or just say [hey, look me up](mailto:) if you're in the area. andersonbeth@wisconsin.edu

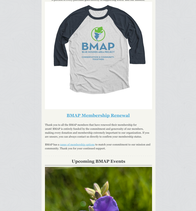
Thank you for helping BMAP to create a better eastern [prairie](#) ecosystem to support BMAP. By being an active member, [donating](#), and [attending our events](#), you help BMAP continue to [restore](#) and [protect](#) our beautiful prairies and [pastures](#) for the benefit of the [people](#) and [wildlife](#) of the Blue Mounds area.

Thank you for being a BMAP member!

Best Wishes,
Outreach Ecologist
andersonbeth@wisconsin.edu

BMAP Merchandise now available!

A portion of every purchase goes directly to supporting BMAP and Cafe Domestic.



BMAP Membership Renewal

Thank you to all the BMAP members that have renewed their memberships for 2020! BMAP is entirely funded by the commitment and generosity of area members. Membership renewals are due in January, and we appreciate your support for 2020. Please contact us if you have any questions about membership.

BMAP has a [new membership structure](#) to mark your commitment to our mission and community. Thank you for your continued support.

Upcoming BMAP Events



Pasture-side discussion. Credit: Nick Anderson

BMAP Summer Events

Because social distancing is still the best way to keep safe, we've decided to host our summer events virtually. Please join us for a variety of BMAP-related activities, and we'll provide you with instructions for how to participate. Please RSVP to Beth Anderson at the email or numbers listed above.

[BMAP Prosperity Tour - Hard Times by Elizabeth Rona Prairie](#)
Wednesday, August 5
10:00 AM – 11:00 AM
Mineral Point, Wisconsin, 53565, United States

Join us for a tour of a prairie dominated by Dan Flores and Elizabeth Rona Flores. These restored prairie occupies a nearly former pasture, while recent work supported by BMAP and local volunteers has helped with removing old woodlands and oak savannas.

[Walk with a Naturalist - Blue Mounds State Park & Farmland Loop](#)
Saturday, August 8
10:00 AM – 12:00 PM
Blue Mounds, Wisconsin, 53517, United States

Walk with a naturalist at Blue Mounds State Park and then carpool to a farmland loop. Bring a lunch and binoculars to enjoy the view of the prairie remnant!

[BMAP Prosperity Tour - Stephen & Peter Nicolay](#)
Tuesday, August 11
10:00 AM – 11:00 AM
Lands Near Blue Mounds, Wisconsin, 53517, United States

Debby and Peter Nicolay farm their land entailing their restored oak woodland, restoring their pasture to native prairie species, and continuing long-term efforts at invasive species plantation. Join us for seeing these habitats at varying stages of restoration!

[Walk with a Naturalist - Blue Mounds State Park & Farmland Loop](#)
Thursday, August 13
10:00 AM – 12:00 PM
Dane County, Mount Vernon, Wisconsin, 53597, United States

A second chance to see the Dane Herbaceous Site, join Carol Rogers and Beth Anderson for a walk through the prairie and then carpool to the farmland loop. Bring a lunch and binoculars to enjoy the view of the prairie remnant!

Other UW-Wisconsin Events & Resources

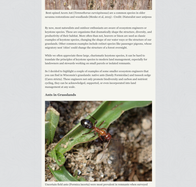
If more of a local event that applies to the prairie or BMAP's Members? Send the info/updates to andersonbeth@wisconsin.edu

[Ice Age Trail Alliance Events & Workdays](#)
If you are looking to get to know the natural communities of Southern WI or are hoping to learn skills for land management, the Ice Age Trail Alliance has a number of events.

[Dane County Parks Events](#)
Dane county parks has a whole host of educational events and restoration workdays for volunteers. Check out their website for more information.

[The Prairie Enthusiasts Workdays](#)
TPE regularly hosts work days throughout Wisconsin, but the Sauk-Baraboo chapter meets regularly in our local area. Check out their website for related restoration days and other TPE opportunities.

Naturalist's Notebook
Treasured wedges and Asian Crossbreeding Engineers



Eastern Tailed-Blue (*Cupido comyntas*) on Wild Bergamot (*Monarda fistulosa*). Several series a range of generalized carnivore invertebrates (Mordecai et al. 2019). Illustration: Jane Ruffley

Ants are, in most ecosystems and outdoor settlements are aware of ecosystem engineers in action. Ants are the most abundant animals on land, and they are responsible for a large proportion of the habitat. More than that, ant-heavy ecosystems are home to a diverse array of other species that rely on ants for their survival. Ants are also prodigious soil movers. Other ecosystem engineers beneath ground are the aggregate engineers. Worms fragment and 'mulch' small changes the structure of a forest ecosystem.

Ants are also physically and chemically soil structure-oriented their nests, improving aeration and drainage while moving large amounts of subsurface material from deep in the ground. This alteration of soil structure creates conditions for groundcover that favor many species of plants and animals. Ants are also important dispersers of seeds for many species of plants, including many spring ephemerals. Ants are also important predators of other invertebrates, including herbivorous insects, and are important food sources for many species of birds, including North American warblers, wrens & red-flanked antbirds/ant-thrushes.



Eastern Tailed-Blue (*Cupido comyntas*) on Wild Bergamot (*Monarda fistulosa*). Several series a range of generalized carnivore invertebrates (Mordecai et al. 2019). Illustration: Jane Ruffley

Ants As Groundcards



Eastern Tailed-Blue (*Cupido comyntas*) on Wild Bergamot (*Monarda fistulosa*). Several series a range of generalized carnivore invertebrates (Mordecai et al. 2019). Illustration: Jane Ruffley

A Fungus-Ant grooms mutual care (Herbivore Defenses). Illustration: Jane Ruffley

Something that is powerful, is a contribution to the ecosystem is the role that ants play. Cattle with the large cuts of the hooves carve out ruts in the pasture, and ants keep out of the way of the hooves and the cattle. Ants are also important in the nutrient cycling of the ecosystem, and they are responsible for a large proportion of the movement of organic carbon storage for an acreage of soil which compared to ant-free areas nearby. (Perfecto & Vandermeer 2008).



Black carpenter ants (*Camponotus pennsylvanicus*) are a species that thrives in the dead wood of ecosystems and open woodlands

From a stewardship perspective, managing for a diversity of species in a grassland or woodland ecosystem is important for maintaining the ecosystem. Ants are important for maintaining the ecosystem, and they are important for the health of the soil. Ants are also important for the health of the plants in the ecosystem. Ants are also

At any time you can also post:

- **Restoration-related questions**
- **Requests for help with burns**
- **Extra seeds or plants to share**
- **Photos of what's growing in your prairie or woodland**
- **Anything else that relates to ecological restoration in WI**

The group is open to all landowners and allies in the Driftless Area of WI or surrounding areas who are working to restore native biodiversity and ecosystem health.

Make a donation

The Blue Mounds Area Project is a community-based organization that seeks to inspire, inform and empower private landowners in the Southwestern Wisconsin region to enjoy, protect and restore native biodiversity and ecosystem health.

Thanks to all our members for your support!

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Questions? Send us an email

Renew your membership

Blue Mounds Area Project
PO Box 332
Mt. Horeb, WI 53572

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