This is the final article in our series, Missing Natives. In the first three parts we explored the laws addressing the illegal removal of plants from the wild; the process by which plants are place on the endangered, protected, and threatened lists; and we read a provocative testimonial from the Michigan Nature Association’s executive director, Jeremy Emmi.


**Transplant the Effect, Not the Plant**

How can we move the wild plants we like out of their special environments and into our home gardens when our gardens are probably situated in a totally different environment? The answer is not to try. Bring ideas, not physical things, back to your garden. We can recreate the natural effect at home without using the original plant. We’re not attempting to transplant the plants that make up the scene we like to our home place, but rather their effect. When we substitute, we should choose plants most suited to our local climate and environment.

Even if you are tempted to “just bring home one or two plants,” vandalizing wild sites is often pointless. Lady’s slipper orchids (*Cypripedium* spp.) won’t survive without the beneficial fungi that live in soils where they grow, plants from acid bogs won’t survive the dry conditions and neutral soils of the garden—the list is endless. Even comparatively common plants often present transplant problems: Plants with deep tap-roots, like the orange-flowered butterfly weed (*Asclepias tuberosa*), often die after transplanting. A better solution is to buy the seed or plants of butterfly weed from a catalog or nursery...
Dear Wildflowers:

We have several black walnut trees in our yard. We’ve noticed that the Douglas firs planted near the trees have withered and died. I’ve read that black walnut trees can have a detrimental effect on nearby plants; I also know that certain plants are unaffected by the trees. Can you provide me with information as to which plants, particularly trees and shrubs, I can safely plant in this area?

Thank you,
Deanna Demory, Middleville

Dear Deanna:

Thanks for writing and asking a question about a topic that many others, too, find perplexing. In a moment, I’ll provide you with a list of many of the plants that thrive beautifully growing under walnut trees, but first, I’d like to explain a bit of the chemistry that goes on where walnut trees grow.

Contrary to popular belief, I really wasn’t born knowing all the answers to the “Q&A” questions so, after receiving your inquiry, I went to the Web site of the Michigan State University Cooperative Extension, <www.msue.msu.edu/msue/imp/modop/00001916.html>. There, I found an informative article entitled, “Walnut Toxicity.” It tells of the discovery, many years ago, that a biochemical in the bark of walnut and several other trees had a toxic effect when injected in certain plants, including alfalfa, tomatoes, and apple trees. The substance, called “juglone,” is found in many members of the walnut family (Juglandaceae), including Persian walnut (Juglans regia), black walnut (Juglans nigra), butternut/white walnut (J. cinerea), Japanese walnut (J. sieboldiana) and Manchurian walnut (J. mandshurica). The substance is also found in some hickories, including shagbark hickory (Carya ovata) and mockernut hickory (C. alba). FYI: The term used to describe a plant’s suppression of others is called “allelopathy.” You may be familiar with this term in regard to spotted knapweed (Centaurea maculata), an exotic, invasive weed that also releases a chemical that negatively effects the health of the native plants around it.

The first symptom noticed in juglone-affected plants is wilting (called “walnut wilt”), even in the presence of adequate moisture. As the wilting becomes more severe, the leaves begin to turn brown and death usually results. As the roots of the trees are deep, shallow growing plants, such as impatiens are not affected. It is believed that the toxic effect remains in the soil only about a year after a walnut tree is removed.

Upon additional research, I happened upon the Web site of the University of Nebraska Cooperative Extension, <www.lancaster.unl.edu/hort/articles/2003/juglone.htm>. Here I read that the concentration of juglone in each part of a tree fluctuates according to season. The leaves contain the heaviest concentration in the spring, the roots throughout the summer months, and the hulls as the fruit matures. The substance is leached from buds, leaves and twigs into raindrops, and plant debris decomposition causes a release of juglone. Watch for any seedlings that might spring up. Remove them, as well as leaves and other tree debris and, in your garden, do not use sawdust or wood chip mulch made from the trees.

Now, on to a partial list of juglone-tolerant plants . . .

Trees, Vines and Shrubs:
Black maple (Acer nigrum)
Sugar maple (Acer saccharum)
Common catalpa (Catalpa bignonioides)
Common hackberry (Celtis occidentalis)
Eastern redbud (Cercis canadensis)

Please see “I Didn’t Know That!” on Page 11
Hello Everyone—
You see the big smile on my face? Photographer Kathy Johnson caught my reaction to a comment about the phenomenal keynote presentation by Rick Darke during WAM’s 17th Annual Michigan Wildflower Conference. Words just can’t express how powerful Rick’s photographs and message were in bringing The American Woodland Garden: Capturing the Spirit of the Deciduous Forest to life.

I’d like to take this opportunity to apologize to Rick Darke—and everyone else who attended the conference—for an oversight in the program book. The announcement of Rick’s keynote presentation during the Grant Awards Luncheon on Monday was inadvertently left out of the agenda on page five. It was also brought to my attention that we did not make it clear enough in the preconference publicity that Rick’s keynote presentation would take place as part of the luncheon program and, in order to hear it, you had to attend the lunch. I’m sorry for any confusion that may have caused. The conference committee will thoroughly review the situation for next year.

For those of you who were unable to attend this year’s conference and for the rest of us who had to choose one session over another, here are a few notes taken by Bob Krueger, our professor in residence. Did you know:

• That the “Green Roof” of the Ford Motor Company River Rouge Plant is 10.4 acres planted in 12 species of sedum?
• That beekeepers play an important role in the River Rouge Plant’s sustainable land management plan and produced over 50 lbs. of honey last year?
• That the fields of sunflowers on the site were intentionally planted in late June to provide seeds at the first hard frost for overwintering birds?

This information, and much more, was part of Dan Ballnick’s exciting lecture on “Sustainable Land Management in Dearborn.”

Dave Warner’s eminently practical lecture, “Returning the Natives: Indigenous Shrubs and Trees that Work Well in Urban Landscapes,” gave attendees his firsthand experience on the Calvin College campus in Grand Rapids. His suggestions (in part) for dry woodland plots: New Jersey tea (Ceanothus americanus), roundleaf dogwood (Cornus rugosa), eastern red cedar (Juniperus virginiana), common juniper (J. communis), fragrant sumac (Rhus aromatica), red-berried elder (Sambucus racemosa) and northern prickly-ash (Zanthoxylon americanum). As for the rest of the species and their habitat recommendations . . . well you just had to be there!

From Keynote Speaker, Rick Darke, whose near-poetic presentation provided much food for thought, came the following:

• There are more than four seasons (hint: One is the season of spring shadows.).
• Learn to love diversity.
• Pay attention to light and time of day.

For the rest . . . well, again, you just had to be there!

At Jim Curry’s beautifully illustrated lecture on dragonflies, we learned their seven families: Petal Tails, Darners, Club Tails, Spike Tails, River Cruisers, Emeralds, and Skimmers. Dr. Curry delighted his audience and converted us all to amateur “Dragon Watchers” at our ponds and wetlands.

Please see “Association News & Views” on Page 4
Association News & Views

Continued from Page 3, Column 2

According to the remarks overheard after the various sessions, the Conference Committee felt sure we had provided an appealing line-up of programs again this year; however, we were surprised and disappointed by the low number of evaluations that were turned in—thank you to those who mailed your forms in later. The data will be compiled and reported at our next board of directors meeting on April 15.

Before this conference was over we were talking about ideas for next year that will result in an even more organized and exciting 2005 conference. To show you just how fast the '05 Conference Committee moved, it is my pleasure to thank Cheryl Tolley for confirming well-known garden designer, photographer, naturalist, and award winning author, C. Colston Burrell, as Keynote Speaker for 2005! Several other speakers have also been confirmed. The complete list will be put on the WAM Web site as soon as it is available.

The 2005 conference will be held March 6-7 at the Kellogg Hotel & Conference Center, Michigan State University, East Lansing. Next year is a big anniversary year—WAM’s 18th anniversary, 90th anniversary for ANR Week, and 150th anniversary for M.S.U. Start planning your “Spring Break Mini-Vacation” now! Those who are regular attendees will testify: We can guarantee the kind of weather that will make you glad you are inside attending a party with your WAM friends!

In other news, the association took its show on the road (our exhibit) and set up a booth at the Lansing Home & Garden Show March 18–21 and the Blue Bird Festival in Jackson April 3–4. Our goal at these shows was to educate people about the environmental necessity, economic value, and natural beauty of native plants. Our thanks go to the members who volunteered their time to staff the WAM booth during these shows and, especially, to Val Reed, who coordinated everything.

Word has been received of the death of Jon Lee Titus, the well-known graphic artist who created the Wild Flowers of Michigan poster for the DNR. The Wildflower Association of Michigan gave a copy of the poster to each new member, until both WAM and the DNR ran out of copies. Jon was born June 11, 1943 in Lansing, MI and passed away March 2, 2004.

Spring is officially here and, as we spend more time outdoors getting ready for the growing season, we’ll want to use our Business & Organization Member Directory to find the names and locations of growers and groups who will have native plant sales in our neighborhoods (check the “Calendar” column, too). Many will ship or deliver and, for others, get a friend or two to join you on a pleasant road trip to get your plants. Many of our business members are consultants and are available to assist you with your projects if you have special needs.

And, as you develop your native garden this spring, follow a tip from Rick Darke: Take lots of pictures to see how your garden changes from one season to the next. Happy growing—

—Marji Fuller

REGIONAL REPORTS

Region 1 — U. P.

Central U.P. Wild Ones—

Tom Tauzer, Vice President, reports...

Chapter Holds Native Plant Landscaping Workshop: In March, approximately 25 people attended a two-part course on landscaping with native plants, sponsored by the Central Upper Peninsula Chapter of Wild Ones. The course, held at Bay de Noc Community College in Escanaba, was open to the public at a cost of $10 per person, to cover expenses.

Part One was a PowerPoint presentation on the basics of landscape design. At the end of the session, the members were given a homework assignment to begin designing a garden they would like to establish. Part Two featured speaker, Jan Schultz, of the U.S. Forest Service in Marquette, discussing the ecology of native plants. After the presentation, participants separated into groups to discuss the homework assignment. The course was very well received and a lot of fun, and made everyone realize that winter was finally ending and spring would soon be here!

Houghton Keweenaw Conservation District—

Sue Haralson, District Administrator, reports...

Conservation Districts Continue to Provide Forestry and Wildlife Assistance: Conservation districts in Michigan’s western Upper Peninsula have been helping private landowners manage their natural resources for decades. Despite the long history of landowner assistance, Jim Sweeting, Forester and Wildlife Biologist for Houghton-Keweenaw, Ontonagon, and Gogebic counties, says, “There are still many landowners who know very little about what conservation districts have to offer.” The Forestry Assistance Program (FAP), a $55,000 MDA grant project, is enabling the districts to carry out their mission to advise and assist county citizens to wisely manage and use their forest and wildlife resources through education, information, and technical assistance.

“Our goal is to give landowners practical, specific information that works for their land—and we offer this service at no cost. We want to see landowners get excited about the conservation possibilities on their land, because that excitement usually leads to action and conservation work being accomplished,” Sweeting added.

Sweeting and his wife, Gail, have lived in the western Upper Peninsula for 25 years. Jim has extensive experience in both forestry and wildlife management. He received a bachelor’s degree in forest management from Michigan Technological University and a master’s degree in wildlife ecology from South Dakota State University. His position as the

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Regional Reports
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districts’ full-time forester and wildlife biologist has been renewed for this fiscal year through the receipt of the MDA grant.

“Four years ago, the state started the Private Land Forestry and Wildlife Assistance Program to meet a significant need,” Sweeting said. “Close to 60% of Michigan’s land base is in the hands of private non-industrial landowners, yet only a small fraction of the state’s natural resource budget has been spent to assist private landowners managing this land base. Our program corrects this imbalance.” The state’s budget woes almost killed the program when it was just getting started. With help from concerned county commissioners, private groups and grants, the western U.P. conservation districts are able to continue assisting private landowners. The districts are optimistic that state funding will continue to support this valuable service to private landowners.

**Youth Education**
As part of the Forestry Assistance Program grant, Sweeting continues to concentrate his efforts on reaching young people with a classroom conservation message aimed primarily at the fifth grade level. His goal in each presentation is to help kids understand what the word “conservation” truly means. Through his examples of historic good and bad conservation, students learn how important they are to the future of conservation.

During the Houghton/Keweenaw, Gogebic and Ontonagon Conservation Districts’ annual spring tree sales, Sweeting will be conducting onsite workshops on the topic of “Native Shrubs Valuable to Wildlife.” The conservation districts maintain a list of qualified natural resource consultants in the Western U.P. along with the services they can provide to the private landowner. “Most people I talk with are interested in seeing more wildlife and improving wildlife habitat. That seems to be the highest priority for landowners, whether they own acreage or a lot in town,” said Sweeting. He will also work with residents in town who want to make their yards more attractive to songbirds or who simply want information on native plants suitable to the area.

Designing and planting food plots for deer and creating quality grouse habitat, are wildlife management topics that many landowners are eager to learn more about. Managing forests for timber ranks next with landowners. “Many times, a well-designed timber harvest will improve the wildlife habitat and also help pay for additional land improvements,” said Sweeting. The proper time to harvest, the correct type of harvest, the value of marking a stand, contracts for timber sales, or even how to get a certified management plan are among the many topics Sweeting discusses regarding forest management.

Sweeting can also help landowners with information on potential funding sources for their conservation projects. Part of his job is staying current on state and federal programs that provide cost assistance to private landowners. “By assisting U.P. landowners with their forestry and wildlife resource needs, we can encourage the practice of good conservation, help landowners meet their conservation objectives, and help them avoid making costly mistakes on their land,” Sweeting emphasized.

For more information about this conservation district service, call the Houghton/Keweenaw Conservation District at 906.482.0214.

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**Michigan Has the Only One of Its Kind at Loda Lake**

Did you know that the Huron Manistee National Forest is the home of the ONLY national wildflower sanctuary on national forest land? It’s true! Loda Lake Wildflower Sanctuary was designated in 1949 as a land to preserve Michigan native flora in its natural setting. Designation of the area for wildflower protection actually goes back to the 1930s, when the very forward-minded Federated Garden Clubs of Michigan requested that the U.S. Forest Service consider protection of Loda Lake due to decreasing abundance of local wildflowers. The forest has been in partnership at Loda Lake with the Federated Garden Clubs for over 60 years.

Loda Lake is located off M-37 just north of White Cloud in Newaygo County. There are two looping trails and a boardwalk with self-guided flower/plant tour information. A new guide has been prepared and should be available in time for this year’s botanical forays. The area has a fascinating history as one of the first area farms that implemented sustainable farming practices. Several original organic practices now commonly known were used at Loda Lake, following the total timber removal by the railroad company, who preceded ownership. We at the forest will be incorporating some of the fascinating history of Loda Lake into upcoming educational materials.

Projects on the summer agenda for Loda Lake include invasive plant treatment and removal, expanded inventory of the plants of Loda Lake, and development of a Web page highlighting the cultural and botanic features of the sanctuary. Those interested in volunteering for work on any of these projects can contact Pat Ruta, Manistee National Forest Botanist, at 231.745.4631, ext. 3102.

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*Upland white or sneezewort goldenrod (Solidago ptarmicoides)*

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Michigan Botanical Club
Spring Foray

The Michigan Botanical Club’s 2004 Spring Foray, hosted by the Red Cedar Chapter, will be held in the Upper Peninsula during the Memorial Day weekend, May 28–31. Participants will have the opportunity to explore woods, Lake Huron shoreline, lakes, wetlands and the urban environment of the eastern portion of the U.P., guided by some of our state’s most knowledgeable people.

A few of the places to be toured include Tahquamenon Falls, Whitefish Point, Pointe Aux Chenes, Summerby Swamp, Gerstacker and Birge nature preserves, several karst communities, and Duck Bay Marsh on Marquette Island.

Foray leaders will include Dr. Ed Voss, Curator Emeritus, University of Michigan Herbarium; Mogens Nielsen, Michigan’s foremost expert on Lepidoptera; Tom Trana, lichenologist and botanist; Robert Preston, pteridologist; Nadine Cain, local nature historian; Elaine Chittendon, botanist, formerly with the W.J. Beal Botanical Garden; Dr. Tony Reznicek, Curator, U. of M. Herbarium; Chuck Wade, biologist, Mott Community College; Dr. Heather Hallen, Michigan State University research associate specializing in mushroom taxonomy and classification; and Linda Swartz, botanist, Hiawatha National Forest.

Daytime workshops will be held at the “Base Camp,” Quality Inn of St. Ignace. These will include Algae Identification and Ecology (Rick Carter), Plant Pressing (Carol Phelps), Lichenized Fungi—Textures on the Landscape (Tom Trana), and Legal Land Descriptions and Shakespeare’s Flora (Aylene Goddard).

Scheduled evening programs are: Geobotany of the Straits Region (Bill Martinus); They Were Here First: Early Botanists in the U.P. (Dr. Ed Voss); Moth Collecting Demonstration, and Unique Lepidoptera and Plant Associations (both by Mogens Nielsen).

For additional information on this extraordinary opportunity to learn from Michigan’s best and brightest, go to <www.michbotclub.org> or contact Jason Kilgore at kilgorej@msu.edu, phone 517.272.0737.
2004 Kirtland’s Warbler Tours

The U.S. Fish & Wildlife Service and the U.S. Forest Service are pleased to announce the dates for the 2004 Kirtland’s Warbler Tours. Bird watchers are urged to take advantage of this opportunity to observe the endangered Kirtland’s warbler and view nesting areas by participating in guided tours. As Kirtland’s warbler nesting areas in northern Michigan will be closed and posted against public entry during the 2004 season, the tours represent the best opportunity to view this endangered songbird.

The U.S. Fish & Wildlife Service will conduct guided tours from May 15 through July 4, departing from the Holiday Inn in Grayling, MI. The tours are offered daily at 7 a.m. and 11 a.m. and are free of charge.

The U.S. Forestry Service will conduct daily tours from May 15 through July 2 (except on Memorial Day), with tours departing at 7 a.m. from the USFS’s Ranger Office in Mio, MI. The USFS tour will cost $5.00 per person under the Recreation Fee Demonstration Program.

Actual sightings of the warbler are not guaranteed. The average date when the first Kirtland’s warbler arrives at the nesting area is May 12; the latest recorded date of the first arrival is May 20. Thus, the chance of seeing the bird during the early guided tours is less than optimum. The best period for seeing the warbler is during late May and the month of June. The chance of viewing diminishes at July 1. Small groups are preferable, as they create less disturbance and participants are more likely to see the bird. No reservations are necessary for groups of four or fewer. Large groups are urged to contact the following offices (see below) for reservations so that optimum schedules can be established. Participants are encouraged to bring binoculars and spotting scopes. Playing recorded warbler songs or the use of any other attraction methods will not be allowed. Special efforts will not be made for photographers.

For reservations for the tour or additional information, contact: Chris Mensing, U.S. Fish and Field Wildlife Service, 517.351.2555, ext. 316, E-mail: chris_mensing@fws.gov, or Joe Gomola, U.S. Forest Service E-mail: jgomola@fs.fed.us, phone: 989.826.3252.

The Holiday Inn of Grayling offers a lodging package for tour participants. Interested parties may contact the Sales Department at 989.348.7611, or those in MI, OH, IL, IN or Canada may call 1.800.292.9055. (Note: Group reservations for the Grayling tour must be made to qualify for the HI package.)

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Calendar—Spring 2004

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Gratiot Lake Conservancy

May 29 and 30 Native Plant Workshop at Gratiot Conservancy, near Eagle River, Keweenaw Peninsula, from 9 a.m. to 3 p.m. both days. The fee is $70. The workshop will be led by botanist and NWNPS member Janet Marr.

For more information, call the conservancy at 906.337.5529 or E-mail: belh@bellatlantic.net.

Hiawatha National Forest

May 27 Celebrating Wildflowers Week Event: The Native Garden. The U.S. Forest Service’s west side plant ecologist, Deb LeBlanc, will offer a native plant gardening workshop from 6 to 8 p.m. Topics will include how to choose the plants, how to choose the site, site preparation, and seed collection. The event, which is free, will be held at the Munising Ranger District Office, 400 E. Munising Avenue, Munising.

Pre-registration is required.

May 29 Celebrating Wildflowers Week Event: Hike—Hiking along the trail to Miners Falls (Pictured Rocks National Lakeshore), HNF plant ecologist, Deb LeBlanc, will provide a guided tour of our native spring ephemerals, including red trillium, giant trillium, Dutchman’s breeches, squirrel corn, adder’s tongue, and Canada mayflower. Meet at 1 p.m. at the Munising Ranger District Office, 400 E. Munising Avenue, Munising.

Wear long pants, a long-sleeved shirt, a hat and sturdy shoes or hiking boots. Bring your camera, insect repellent, headnet, rain gear, field guides, a notebook and a pencil. The event is free of charge, and will last three hours. Pre-registration is recommended.

For more information and to register, contact Deb LeBlanc at dleblanc01@fs.fed.us or 906.387.2512, ext. 19.

Hidden Lake Gardens, Tipton, MI

April 24 Discovering Wildflowers, 1–2:30 p.m., photographer Bud Kish will present a slide show of his travels across Michigan to capture images of spring wildflowers.

May 8 Annual Plant Sale, 10 a.m.–2 p.m., a fund-raising event for the gardens, will include many native wildflowers, perennials and grasses.

For more information, contact Karen Gentry, Education Coordinator, at 517.431.2060 or gentry@hlg.msu.edu.

Mecosta and Osceola-Lake Conservation Districts

June 4 Annual Native Plant Presentation and Sale at Rose Lake Township Hall, LeRoy, MI, sponsored by Rose Lake Property Owners Association. Presentation 5:30–7:30 p.m.—Vern Stephens, owner of “Designs by Nature,” is speaking on the use of native plants and shrubs to establish soil erosion barriers along

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Lake fronts, while providing beauty to the landscape. Also to be discussed: Invasive plants and the problems they create in both water quality and landscapes.

Plant Sale 7:30–9 P.M. Plants to be provided by “Designs by Nature.”

For more information call the Mecosta CD at 231.796.0909, Ext.3 or Osceola-Lake CD at 231.832.2950.

Michigan Botanical Club, Southwestern Chapter

April 20 The Cape Floral Kingdom and the Antarctic 2003 Total Solar Eclipse—Kalman and Becky Csia will report on their trip to Cape Town and Antarctica. An astronomical voyage to the 2003 eclipse in Antarctica opened the way to an unexpected botanical adventure in the Cape Town area, home of the Cape Floral Kingdom, the smallest but richest of the world’s six floristic kingdoms. The kingdom, confined to the tip of South Africa, contains over 8,500 species, nearly 70% of which are endemic.

May 1 Spring Ephemerals—Bill Martinus will show us abundant Trillium sessile (toadshade) and other spring ephemerals at a site near the Black River. Come prepared for muddy conditions—there are no trails or boardwalks. We may also see migrating birds, so you are encouraged to bring binoculars. Carpools from Kalamazoo will meet at 9:15 A.M. in the parking lot behind Frank’s Nursery and the McDonald’s on the north side of US-131. The field trip will conclude around noon with return to Kalamazoo by 1 P.M.

June 19 Mosses—Woody Ehrle will lead a field trip to find and identify mosses in the Kalamazoo area. Details to be determined.

For more information about these programs or membership, contact Becky Csia at beckycsia@chartermi.net.

Michigan Nature Association

April 23 Dowagiac Woods—10 A.M.—2 P.M. We will remove garlic mustard in the floodplain while enjoying the most beautiful wildflower display in the state.

April 28 MNA Office Fundraising Mailing, Ingham County, 5–8 P.M. Come meet the staff at our big fundraising kick-off! We’ll be stuffing envelopes—and our bellies—at the first potluck of the year! Please feel free to bring a dish to pass.

April 30 Work Day at Leglen Nature Sanctuary, Jackson County—10 A.M. We will be removing invasive species and clearing trails. Bring a sack lunch.

May 1 Black River, Van Buren County—See the largest blue heron rookery in southwest Michigan and spring wildflowers with guide Carl Bouton, followed by a workday to remove garlic mustard from the floodplain. Field trip 10 A.M. until noon; work day 1–3 P.M.

May 1 Brandon Township, Oakland County—2:30 P.M. See marsh marigolds, trout lily, toothwort, hepatica and trillium in this wetland with guide Margaret Moran.

May 2 Dauner-Martın, Genesee County—1 P.M. See spring ephemerals and a pine forest with guide Ralph Dreisbach.

May 7 Big Valley, Oakland County—10 A.M.—2 P.M. Removal of garlic mustard and glossy buckthorn in the prairie fen.


May 22 Stewardship Meeting—Eastern U.P. (for Alger, Chippewa, Luce, Mackinac, and Schoolcraft counties) 10 A.M. Rock Bottom Tavern, N4054 M-123, Moran.

May 22–23 Painted Trillium Tour, St. Clair County—both days 10 A.M. to 4 P.M. Stop in anytime and join a group visiting the painted trilliums with leaders Bill and Cheryl Collins. Pine River Nature Center, 2585 Castor Road, Goodells.

For more information on these and other activities, contact the Michigan Nature Association: E-mail michigannature@michigannature.org or phone 517.655.5655. Web site: <www.michigannature.org>.

Missaukee Conservation District

April 23–24 Annual Conservation Product Catalog Sale, Missaukee County Road Commission Building, M-66, Lake City. Sale items include fruit trees, ground covers, seeds, conifers and hardwood seedlings. Orders for trees must be placed by April 19. The catalog may be viewed on-line at <http://www.missaukeecd.mi.nacdnet.org>.

For additional information contact Sherry Blaszak, MCD Administrator, at 231.839.7913 or sherry-blaszak@mi.nacdnet.org.

North Woods Native Plant Society

This is a group of professional and amateur botanists with an interest in learning about and conserving native plants and ecosystems in the western upper peninsula of Michigan and adjacent northern Wisconsin.

May 22 Trap Hills (near Bergland, MI)—led by Steve Garske, Ian Shackelford, and Doug Welker.

June 12 Spring Flora and Waterfalls, Yondota Falls and Nelson Canyon (near Ironwood, MI).

July 10 Botrichium ferns at Kainex Lake (Phelps, WI) led by Quita Sheehan.

July 31 Redboat Bog (Marenisco, MI) led by Sue Trull.

August 28 Wild Rice and Aquatics in Michigan—led by Colleen Matula and Quita Sheehan.

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**September 18** National Public Lands Work Day on the Ottawa National Forest (near Marenisco, MI)—led by Ian Shackleford

**Late September** Male Fern Site (near Pelke, MI)—led by Doug Walker (date to be announced)

If you’d like your name to be added to the E-mail list for details about the above trips, E-mail Sherry Zoars at thezoars@excite.com.

**Ottawa National Forest**

**June 4th - 6th** Ottawa Bird Census, sponsored by Ottawa National Forest, is a weekend for teams of volunteers surveying fixed points for nesting birds. Knowledge of bird songs/calls by ear is necessary.

For information, E-mail Steve Babler at sbabler@fs.fed.us.

**Wild Ones, Ann Arbor Chapter**

**May 15** Spring Wildflower Garden Tour—Woodland gardens using native plants shine in the early spring. Our tour will look at some of the best. Noon to 4 P.M. Starting place and route of tour to be announced.

**June 9** Plant Exchange and Sale—Native Plant Nursery, Nordman Road and Butternut Street (near Cobblestone Farm), Ann Arbor. Two local native plant nurseries will provide a variety of perennials, small trees and shrubs for sale. Nursery owners, Greg Vaclavek, of Native Plant Nursery, and Bill Schneider, of WILDTYPE, will be available to offer advice and answer questions. Bring your extra native plants to exchange with other gardeners at no cost. If you are interested in trees and shrubs, send Bill an E-mail (wildtype@msu.edu) with your wish list so he can be sure to bring your selections with him. Note: Native Plant Nursery is not a retail nursery; this sale is held at the nursery only once a year, with special permission. Please do not visit the nursery except during this sale. To purchase plants at other times, stop by the nursery’s booth at the Ann Arbor Farmer’s Market, mid-April through September.

**July 14** Ethnobotanical Uses for Native Plants—Plant “diva” and Master Gardener, Aunita Erskine, will lead an ethnobotanical tour through the various plant habitats at Furstenberg Nature Area. This will include prairie, savanna, woodland, and wetland areas. There will be stories and information on the Native American and early European settlement uses of the native plants that grow there. Bring insect spray, sunscreen and water. Meet at 7 P.M. in the parking lot at Furstenberg Nature Area, Fuller Rd., west of Huron Parkway, across from Huron H.S., Ann Arbor.

For additional information on these events and Ann Arbor WOs membership, go to <www.for-wild.org/chapters/annarbor>. E-mail Susan Bryan at susanbryanhsieh@yahoo.com, or phone her at 734.622.9997.

**Wild Ones, Central U.P. Chapter**

**April 27** Plant Rescues—We will discuss the ethics and conduct of plant rescues, transplanting techniques, handling the plants and planting methods.

**May 25** What is an Alvar?—Tour of an alvar community.

**June 22** Planning meeting—Invasive plant pull at Gladstone Boardwalk.

**July 27** Invasive Plants—Discussion and Annual Native Garden Tour.

For more information, contact Patricia Landry at aries1@chartermi.net or Jeanne Rose at jeannerose@chartermi.net.

**Wild Ones, Kalamazoo Chapter**

**April 24** Earth Day Celebration—Join our chapter and many other like-minded organizations at Kalamazoo Valley Community College from 9 A.M. to 4 P.M. There will be events, exhibits and demonstrations, including a presentation by Kalamazoo chapter members Tom and Nancy Small, Isle Gebhard, and Richard Brewer.

**April 30** East Lansing Plant Rescue—We will participate with the Kalamazoo Nature Center in a plant rescue to dig up woodland plants, including trillium, wild geraniums, Solomon’s seal, jack-in-the-pulpit, and more, from two soon-to-be-developed sites. The majority of the rescued plants will be offered for sale at the nature center’s Spring Native Plant Sale on May 21ST and 22ND and used in Wild Ones restoration projects. Any rare, threatened or endangered plants will be relocated to KNC’s property, or a preserve.

For more information on the plant rescue, contact Suzie Knoll, KNC, at 269.381.1754

To find out more about Kalamazoo Wild Ones, including membership, contact Tom and Nancy Small at yard2prairy@aol.com or go to <www.for-wild.org/chapters/kalamazoo>.

**Rick Darke Awarded AHS 2004 Horticultural Writing Award**

The American Horticultural Society has announced the recipients of the Society’s 2004 national awards. These awards honor individuals and companies who represent American gardening at its best. The Horticultural Writing Award is awarded to individuals whose excellence in writing has made a significant contribution to horticulture.

“Rick Darke has met the highest standards in horticultural writing. His books include *The Color Encyclopedia of Ornamental Grasses* and *In Harmony with Nature*. His most recent book, *The American Woodland Garden*, has received awards from the Garden Writers Association and AHS.”

Rick was keynote speaker at the 2004 Michigan Wildflower Conference in East Lansing, Michigan.
<table>
<thead>
<tr>
<th>Business &amp; Organization Member Directory</th>
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| **Ada Township Parks Dept.**
Wendy Tatar, P.O. Box 370, Ada
MI 49301, 616-676-0520, E-mail: parkwendy@ada.mi.us |
| **ANN ARBOR PARKS DEPT, NATURAL AREAS PRESERVATION DIVISION**
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| **NATIVE CONNECTIONS**
Jerry Stewart, 62791 Shafer Road, Constantine, MI 49042 • Cell: 269.580.4765, Home/Fax: 269.435.2208, E-mail: jerry@nativeconnections.net. |
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| **VANBUREN INTERMEDIATE SCHOOL DISTRICT**
Mary Lou Butkovich, 490 S. Paw Paw St., Lawrence, MI 49064. Ph. 269.674.8091, E-mail: maryloub1@aol.com. |
| **WAYNE COUNTY MSU EXTENSION**
Kristine Hahn, 640 Temple, 6th Floor, Detroit, MI 48201. Ph. 313.833.3275 E-mail: hahnk@msue.msu.edu. |
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**GET DETAILED INFORMATION ABOUT THESE MEMBERS AT WWW.WILDFLOWERSMICH.ORG**
Missing Natives: Part IV

Continued from Page 1, Column 2

or substitute commercially available plants that present the same color.

(‘Editor’s note: Only buy plants designated as Nursery Propagated; never buy plants labeled Nursery Grown!)


It’s my hope that the series has stimulated your awareness and your concern as to the magnitude of the problem of plant poaching. It’s up to you and me to be vigilant and to let others know that this is a behavior we won’t tolerate. We need to seize opportunities to make others aware of the pervasiveness of this illegal—and immoral—act through whatever talents we have. In conversation, writings and presentations we can spread the word and alert others to be on the lookout for illicit activity. We can report our findings to the DNR and encourage them to follow up on reports of plant digging and other suspicious activity. And, we can be creative in formulating ideas about how to monitor the areas in which our special plants live and thrive.

And, always, we can continue to educate others about the interdependence of plant and animal species and how we all, as stewards, can help preserve this fragile and important relationship.

Kathryn Lund Johnson

Wildflowers Newsletter

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Note: Thank you Kathy for this informative and timely series. The entire four-part series will be put on the WAM Web site as soon as possible <wildflowersmich.org>. If you need a copy before it is available on the Web, E-mail Marji Fuller at marji@iserc.net for a copy.

I Didn’t Know That

Continued from Page 2, Column 3

Flowering dogwood (Cornus florida)
Rose of Sharon (Hibiscus syriacus)
American holly (Ilex opaca)
Spicebush (Lindera benzoin)
Virginia creeper (Parthenocissus quinquefolia)
Norway spruce (Picea abies)
Mock orange (Philadelphus coronarius)

Herbaceous Perennials:
Jack-in-the-pulpit (Arisaema triphyllum)
American wood anemone (Anemone quinquefolia)
Herb Robert (Geranium robertianum)
Jerusalem artichoke (Helianthus tuberosus)
Orange hawkweed (Hieracium aurantiacum)
Bee balm (Monarda didyma)
Wild bergamot (Monarda fistulosa)
Great Solomon’s seal (Polygonatum commutatum)
Bloodroot (Sanguinaria canadensis)
Spiderwort (Tradescantia virginiana)
Nodding trillium (Trillium cernuum)
Bellwort (Uvularia grandiflora)
Crested wood fern (Dryopteris cristata)
Sensitive fern (Onoclea sensibilis)
Cinnamon fern (Osmunda cinnamomea)
Grasses (Gramineae family)

Herbaceous Annuals:
Impatiens species
Johnny jump up (Viola tricolor)
Zinnia species
Pansy (Viola wittrockiana)

Vegetables:
Corn, beans, beets, onions, and carrots

Many of these plants were found at the M.S.U. Web site. I’ve also drawn from the Web site of the University of Wisconsin Cooperative Extension, <www.uwex.edu/ces/wihort/landscape/juglone.htm>, which has an extensive list of plants excerpted from the October 1986 Horticulture magazine article, “Under the Black Walnut,” by Frank Robinson.

As you can see, there are many plants that will tolerate the proximity of juglone.

Deanna, I don’t think you’ll have difficulty selecting plants that complement the beauty of your walnut trees. It’s spring! Have fun creating your new garden!

Kathy Johnson
Your WAM membership expires on the date above your name. This is the only notice you will receive. IF IT’S TIME, PLEASE RENEW.

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C/O Marilyn Case 15232 24 Mile Road Albion MI 49224-9562

SPRING 2004 • VOLUME 9 NO. 2

Check out the Spring 2004 Calendar (starts on page 3) for wildflower walks, talks, and other activities around our state.

Steve Chadde, leading a group from North Woods Native Plant Society, discusses rock flora along the Lake Superior shoreline.

The quarterly meetings of the Board of Directors are usually held in April, July, October, and January at 9:00 A.M., Hancock Turf Center (Farm Lane and Mt. Hope), Michigan State University, East Lansing, Michigan. Members are always welcome. Contact Marji Fuller (marjif@iserv.net) for specific dates.

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