Knee Deep in Service on the Cedar River in Gladwin

By Mike Turner, Gladwin Conservation District

What can 130 youth ages 14-18, 30 adult chaperones and 10 stream restoration professionals accomplish in just one day? Ask the Gladwin Conservation District or the staff at the Gladwin City Park and Campground or, better yet, stop by the Gladwin City Park and Campground and take a look for yourself! On Friday, June 25th, 2004, this group converged upon the Gladwin City Park and Campground to restore stream erosion sites identified in the MDEQ Cedar River Watershed Management Plan.

Nine of 170 volunteers work to restore stream erosion sites along the banks of the Cedar River in the Gladwin City Park and Campground. These volunteers came from as far away as Midland, Oscoda, Bad Ax and Caro to work to improve the environment within Gladwin.

Please see “Cedar River Project” on Page 6
In the Spotlight

Creekside Herbs & Art

Our WAM Business or Organization Member of the Quarter

Creekside Herbs & Art and Windblown Glass Studio is a family owned and run business located off the beaten path, set back amongst ancient white pines and a meandering creek. The herb farm/gallery/garden shop is based on spiritual thinking from many sources, largely based on Wendy Wagoner’s Native American heritage. At Creekside, our goal is “to promote a sense of connection and integration throughout our community. We believe that our well-being is closely tied to that of our surroundings. Our intent is to live and do business in a way that demonstrates our priorities in a tangible way.”

The nature trails, sculpture garden, wildflower meadow, traditional herbal garden, medicine wheel garden and children’s area help visitors relax, play, and experience new levels of connection. The store is filled with products made by friends, local and regional artists and companies who make quality, environmentally friendly products. Products Creekside carries include potted plants, garden products, aromatherapy, books, specialty foods, botanicals, bulk culinary and medicinal herbs, herbal teas, organic cotton & hemp clothing, everlasting, home decorating accessories and much more. Creekside’s local and regional artwork includes hand blown glass, sculptures, baskets, fiber, jewelry, hand painted birdhouses, and Native American art and pottery.

Our classes and workshops raise awareness and teach new skills. Yoga, massage, self-empowerment classes and spiritual trails serve to strengthen the body, mind and spirit. We sponsor many festivals and classes, including our yearly Children’s Festival (in July) and Artist Festival (in August, on the Sunday after the Antique and Wooden Boat Show in Hessel, MI). Call for a full listing or look us up on our Web site.

We are located one mile north of Cedarville off M-134 on Blindline Road. Turn north at the car wash, west of the blinker light. Phone: 906.484.2415, E-mail: creekside@creekside-herbs.com, and Web site: <http://www.creekside-herbs.com>.

The shop is open May through August: Wednesday through Sunday from 10 a.m. to 5 p.m.; April, and September through December: Friday and Saturday from 10 a.m. to 5 p.m.; and closed January through March except in February for Snowfest.

Rick Shapero, a self-trained glass blower with 17 years experience, works in front of his furnace that is housed in a 36-foot geodesic dome. This wonder-filled new space allows him to pursue his craft and offer public demonstrations. “My schedule is somewhat fluid, much like my medium,” says Rick, “so please call ahead for a demo.”

The shop has a wrap-around deck that overlooks a meandering creek and the Medicine Wheel Garden. Products made by local artists and environmentally responsible businesses fill three floors. Come and bring a book or your lunch and relax on our deck.

The Medicine Wheel Garden is full of many medicinal plants — black cohosh, goldenseal, bloodroot, comfrey, sweetgrass, arnica, and valerian to name just a few. Sign up for a Native Plant Walk or wonder on your own.
President’s Note

The dog days of summer are here and with it are some of my favorite Michigan natives. My garden is filled with goldenrods, asters, sunflowers, blazing stars and many others.

The board of directors met in July and approved the new agenda for the 2005 Michigan Wildflower Conference.

The conference committee took suggestions from evaluations of the past several conferences into consideration when developing this year’s agenda. The major changes are:

• Moving the keynote speaker to Monday morning
• Moving the Grant Awards luncheon to Sunday
• Bringing in more nationally known speakers and giving them more time to speak
• Having concurrent sessions on one day only
• Providing morning and afternoon refreshments.

C. Colston Burrell, garden designer, writer, and photographer, will be our keynote speaker. Other nationally recognized speakers include Fred Case and Larry Mellinchamp, authors of *Wildflowers of the Western Great Lakes Region* (along with James Wells); Cheryl Lowe, New England Wildflower Society; and Craig Tufts, National Wildlife Federation. Topics and additional speakers will be announced in the fall newsletter.

In other WAM business the board discussed the need to update some wording in the bylaws. Also, we need to look for interested people to serve on committees and on the board. If you are interested in becoming active in the association, consider helping with publicity, grants, conference outreach (exhibits like the Lansing Home & Garden Show and the Blue Bird Festival), newsletter, Web site, fund raising or association history. We have been in existence over 18 years and would benefit greatly by having an active historian. Contact me or any of the other board members if you are able to help in any of these areas.

A motion passed to donate $500 to Frederik Meijer Gardens and Sculpture Park for the purchase of Michigan native wetland plants. The planting of wildflowers at the Harry and Elin Doehne memorial site, funded in part by WAM, is blooming beautifully this summer.

The next board meeting will be in October. For exact day and time, contact Jewel Richardson, Secretary, at Jewel@wetlands-nursery.com. Enjoy the rest of summer and early fall—watch out for those pesky mosquitoes while working in your garden.

Marji Fuller, President

Calendar

Summer and Fall 2004

**Missaukee Conservation District**

• September 18–11 a.m. to 4 p.m. **Native Plant Workshop and Sale** in Lake City. Designs by Nature will be the presenters. For more information call 231.839.7193, E-mail: chere-galvanek@macd.org, or check the Web site at <www.missaukeecd.mi.nacdnet.org>.

**Mecosta and Osceola-Lake Conservation Districts**

• August 14. The two conservation districts will be hosting a **Tree Farm Field Day** in Reed City. Topics covered will include: soils, wetlands, an emerald ash borer update, and lease hunting opportunities. There will also be a food plot implementation demonstration and portable sawmill demonstration. The American Tree Farm System is sponsoring this event. Registration is required. For more information, call the Mecosta Conservation District at 231.796.0909, Ext. 3 or Osceola-Lake Conservation District at 231.832.2950.

**Michigan Nature Association**

• August 6–9 a.m. to 1 p.m. **Workday at Saginaw Wetlands Nature Sanctuary** (Huron Co.). Help us remove autumn olive from around this Class “C” sanctuary. Call office for directions.

• August 7–2 p.m. to 4 p.m. **Dedication of the Fred Dye Nature Sanctuary** (Mackinac Co.). Join us in honoring Fred Dye while enjoying the blooms of purple coneflower. Directions: From I-75 north of Mackinac bridge, take M-123 west to Kenneth. The sanctuary is on the west side of M-123 in Kenneth. Park in forest service 2-track road south of sanctuary.

• August 14–10 a.m. to 1 p.m. **Field Trip with John Porter and Chad Pastotnik to Cedar River N.S.** (Antrim Co.). Join us for a tour of the sanctuary and portable sawmill demonstration. The American Tree Farm System is sponsoring this event. Registration is required. For more information call 231.839.7193, E-mail: chere-galvanek@macd.org, or check the Web site at <www.missaukeecd.mi.nacdnet.org>.

• August 18–11 a.m. to 1 p.m. **Workday and Field Trip with Sallee Poole to Twin Waterfalls Memorial** (Alger Co.). See ferns, mosses, lichen, unique geological formations and the beauty of the falls. Directions: From Munising, take Schuss Mt. Rd. and then right onto Cedar River Dr. Cedar River Dr. turns into single lane, unpaved seasonal road. Drive cautiously on the seasonal roads if taking a vehicle that sits low to the ground. Look for MNA signs along Cedar River Dr. once the pavement ends. Parking is available on the west (left) side as you drive down Cedar River Drive.

• August 14–10 a.m. to 1 p.m. **Workday and Field Trip with Sallee Poole to Twin Waterfalls Memorial** (Alger Co.). See ferns, mosses, lichen, unique geological formations and the beauty of the falls. Directions: From Munising, take East Munising Avenue east to Nestor Street. Take Nestor Street south until it dead ends. The trail starts there.
REGIONAL REPORTS

We’re hearing from some of you with information you would like to share in Regional Reports and we’d like to get more of you involved! We’d love to hear from your conservation districts, Wild Ones chapters, state and national forest representatives, the DNR and MDOT, local nature centers, etc.—as well as private individuals. We know exciting things are happening everywhere—we just need someone to tell us about them! Please send your reports to Kathy Johnson by e-mail (klundjohnson@charter.net) or U.S. mail to 11155 Hastings Point Road, Middleville, MI 49333. We look forward to hearing from you before the next newsletter!

REGION I — U. P.

Houghton Keweenaw Conservation District — Sue Haralson, District Administrator, reports . . .

Jim Rivard is Conservation District’s New Forester

Representatives of Houghton/Keweenaw, Gogebic and Ontonagon conservation districts were pleased to welcome Jim Rivard as their new forester on May 28th. Jim is traveling the four county area meeting with private landowners and offering free forestry assistance made possible by a Michigan Department of Agriculture Forestry Assistance program grant.

Jim, his wife, Sherry, and their two teenage sons have resided in Houghton since 1996. Jim obtained his master’s degree in forestry from Michigan Tech. in 1998, and has been working as a consulting forester since 1997. His memberships include the Forest Steward’s Guild and the Society of American Foresters.

A major part of Jim’s forester position with the Houghton/Keweenaw Conservation District (HKCD) this summer is working with the Michigan Department of Agriculture Pesticide and Plant Pest Management Division, which has initiated a three-phase Detection Tree Project in conjunction with the Emerald Ash Borer (EAB) Eradication Strategy. The emerald ash borer, an exotic species first discovered near Detroit several years ago, has since killed over 6 million ash trees in Southeast Michigan and spread throughout Metro Detroit and into Ohio and Ontario, Canada. EAB can be spread artificially by the transportation of firewood and nursery stock. It has the potential of wiping out ash trees throughout North America since there are no natural enemies on the continent. The Detection Tree Project will survey borer infestations resulting from the artificial movement of ash nursery stock, saw logs and firewood outside the EAB quarantine area. Current research supports the use of detection trees as an effective tool for the detection of small, newly established EAB populations. Early detection of these populations is an essential component in the strategy to eradicate EAB from Michigan and the rest of North America.

HKCD has contracted with Green Timber Forestry of Pelkie, Michigan to establish and monitor emerald ash borer trap trees throughout Houghton and Keweenaw counties. These traps are being set in county and state road rights-of-way and other areas where artificial spread is likely. The trapping project is being conducted in Michigan to determine how widespread EAB has become and to identify areas where action should be taken.

Related subject areas Jim can assist with are timber management (what to harvest, when to harvest, method of harvest), wildlife habitat improvement, food plots and deer management,

Justin Miller of Green Timber Forestry, girdles an ash tree in preparation for trapping of emerald ash borers. The emerald ash borer, an exotic species first discovered near Detroit several years ago, has killed over 6 million ash trees in Southeast Michigan and spread throughout Metro Detroit and into Ohio and Ontario, Canada.
backyard wildlife habitat improvement for songbirds, forest health issues, plant and tree identification, pond and wetland creation, native plantings, and the wetland permitting process. There are no strings attached and there is no charge for having Jim visit your property and offer assistance. He will offer a completely independent evaluation of your property and provide recommendations for helping you achieve your goals.

Call us for free forestry and wildlife assistance or information regarding the emerald ash borer: Houghton/Keweenaw CD 906.482.0214, Gogebic CD 906.932.3614, and Ontonagon CD 906.884.2141. Conservation district offices are open only part time, so be sure to leave a phone message. Jim will return all messages. (For additional information on the emerald ash borer, visit the Michigan Dept. of Agriculture's Web site at <www.michigan.gov/mda> and click on the “Emerald Ash Borer” link or contact Michael Philip, State Survey Coordinator at 517.335.0730 or philipm@michigan.gov.)

**REGION 3 — SOUTHWEST**

**Kalamazoo Conservation District—Kathleen Buckham, Executive Director, reports . . .**

**Kalamazoo Goes Native on the River**

The Kalamazoo River Watershed covers 2,020 square miles and stretches across southern lower Michigan from Hillsdale and Jackson counties to Lake Allegan, and then to Lake Michigan. Increased volumes of storm water runoff frequently cause flooding along the river, carrying sediment and other pollutants. The high, rushing waters scour the riverbanks and create large eroded areas that may eventually threaten walkways, roadways and other land bases.

With the award of a Clean Michigan Initiative grant in 2001, partners in three counties (Calhoun, Kalamazoo, and Allegan) addressed nine critical erosion sites within the Kalamazoo River Watershed. One of these sites is located in the City of Kalamazoo behind the Waste Water Reclamation Plant. Over 900 feet of the stream bank was exposed and eroding, thereby causing increased sedimentation and phosphorus loading to enter the Kalamazoo River. Stream bank restoration techniques included bank reshaping and bioengineering. Soils excavated from a school rain garden site replaced soil eroded from a large tree’s root system and rip rap placed at the toe avoided further scouring from the harsher flows. Softer bioengineering methods were implemented further downstream.

Volunteers drove over 1,000 live sandbark willow and silky dogwood stakes into the river bank where they now trap sediment and provide vegetative cover. Aquatic species plugs planted by the earth team volunteers include pickerel weed, blue flag iris, bulrush and arrowhead. Biodegradable mulch netting erosion control blankets were installed for temporary soil stabilization and seed protection until vegetation is established. A 15-foot wide upland vegetative buffer, consisting of native prairie species enhances the existing riparian corridor. Seeded rye is providing root stabilization and protection from an invasive goose population until the Michigan natives mature. Upland species include wild columbine, New England aster, little bluestem, purple coneflower, wild lupine and old field goldenrod. Once established, this small prairie of Michigan native wildflowers will provide run off protection for the river, discourage goose habitation and resulting nutrient loads, and enhance the natural setting.

Thanks to Kieser and Associates, you can view this project’s photos, and information on other phosphorus reduction activities in the Kalamazoo River Watershed, at <www.kalamazoo river.net>. Contact your local conservation district for more information on planting native Michigan wildflowers for wildlife, restoration projects, or for enhancing your own backyard.
The group’s ambitious projects included:
• Building and installing 80 linear feet of LUNKERS (Little Underwater Neighborhood Keeper Encompassing Rheotactic Salmonids) structures along an eroding streambank. The LUNKERS create an overhanging bank that reduces the slope of the bank and inhibits erosion, while improving habitat for fish and invertebrates. (For more information on LUNKERS, go to <www.lwcd.org/lunkers.htm>.)
• Improving over 800 feet of walking trails, eroded by heavy foot traffic, by installing wood chips within the trail area. The wood chips will create a softer walking surface and affect erosion by reducing the amount of bare soil within the trails.
• Building steps down to the river at a site used by the public for stream access. The steps will provide a safer means of the public accessing the stream—and reduce erosion.

Cedar River Project

Continued from Page 1, Column 2

Norm’s group: One of four groups of youth volunteers pose for pictures before beginning a long day of being “Knee Deep in Service,” on the Cedar River in Gladwin.

Saginaw Valley Master Gardener Association — Deb Keller, Treasurer, reports . . .

An Autumn Affair for Gardeners — October 2nd Gardening Seminar

Don’t give up on gardening when the leaves turn color! The Saginaw Valley Master Gardener Association invites you to its inaugural fall seminar, “An Autumn Affair for Gardeners,” from 8 a.m. to 4 p.m. Saturday, Oct. 2, 2004, at Saginaw Valley State University’s Regional Education Center. You do not have to be a Master Gardener to attend.

The seminar includes four classes, box lunch and snacks, and only costs only $50. Master Gardeners will receive four education hours.

• Keynote Speaker, Frederick W. Case Jr., internationally known plant expert, will open the day-long conference, discussing Wildflowers. Case has lectured worldwide, won top national horticultural honors, and authored four books and numerous papers.

• Forcing Bulbs, and Bulbs for Fall Planting features Grey Gitzen, Advanced Master Gardener, detailing how to force bulbs into bloom indoors and what to do this fall for a beautiful outdoor floral display next spring.

• Turf Management with Jerry Somalski, owner of Bay Landscaping, Essexville, provides his special expertise on improving your lawn, from seed selection to maintenance.

• The Garden in the Fall with Advanced Master Gardener Peggy Shaver covers all the tasks necessary in fall to prepare for winter and be ready for spring.

Saginaw Valley State University is located off M-84 (Bay Road) near Pierce Road, between Saginaw and Bay City.

The registration deadline is September 15. For more information and a complete conference schedule contact Gail Caird at 989.793.1942 or Judy Henning at 989.799.4136.

To register, please send $50 per person, payable to Saginaw Valley Master Gardener Association, to SVMGA treasurer, Deb Keller, 1604 N. Thomas Road, Saginaw, MI 48609. You will receive written confirmation of your registration. There are no refunds; substitutions are acceptable. Include the following information with your registration:

Name ______________________________
Address ________________________________________________________________
City _____________________________ State ______ Zip __________
Phone ______________________________
E-Mail (conference purposes only) ______________________________
Select one entree or box lunch (includes chips, cookies, pop):
• Roast beef/provolone cheese sandwich ______
• Turkey/Swiss cheese wrap ______
• Vegetarian ________

The registration deadline is September 15. For more information and a complete conference schedule contact Gail Caird at 989.793.1942 or Judy Henning at 989.799.4136.

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The group’s ambitious projects included:
• Building and installing 80 linear feet of LUNKERS (Little Underwater Neighborhood Keeper Encompassing Rheotactic Salmonids) structures along an eroding streambank. The LUNKERS create an overhanging bank that reduces the slope of the bank and inhibits erosion, while improving habitat for fish and invertebrates. (For more information on LUNKERS, go to <www.lwcd.org/lunkers.htm>.)
• Improving over 800 feet of walking trails, eroded by heavy foot traffic, by installing wood chips within the trail area. The wood chips will create a softer walking surface and affect erosion by reducing the amount of bare soil within the trails.
• Building steps down to the river at a site used by the public for stream access. The steps will provide a safer means of the public accessing the stream—and reduce erosion.
Building and installing fascines stakes along a steep eroding embankment. The fascines are cuttings of shrubs bound together into logs that were trenched into the ground and held in place with stakes of thicker shrubs. These will then sprout creating several rows of shrubs that will reduce erosion and water temperature. This area was planted with 1-1/2 pounds of Midwest native wildflower seed mixture to reduce erosion and improve aesthetics.

- Installing 60 feet of cedar crib wall at the base of a steep embankment to trap and hold sediment.
- Painting 60 picnic tables and 50 park benches used at the Gladwin City Park and Campground.

The energetic youth were from the Church of Jesus Christ of Latter Day Saints, Midland Stake, and came together as part of a service project. They arrived from areas as far away as Midland, Oscoda, Bad Ax and Caro to work to improve the environment within Gladwin.

The project was sponsored by the Gladwin Conservation District, USDA-NRCS, USF&WS, Leon P. Martuch Chapter of Trout Unlimited, Saginaw Bay RC&D, and the City of Gladwin. Planning began in early January when Kelly Ford and Dave Deibel, members of the church, contacted the Trout Unlimited chapter to work on a “large service project.” The message was forwarded to Mike Turner, Conservation Reserve Enhancement Program (CREP) Resource Professional at the Gladwin Conservation District. An idea was born and input was gathered.

After the group came up with a plan for the project, Mike presented it to the Midland Stake. The proposal was accepted and the planning began. The project was to be on the Cedar River in Gladwin and would be called Knee Deep in Service on the Cedar River. The City of Gladwin agreed to pay a portion of the project expenses, and the Gladwin Conservation District, USDA-NRCS and Trout Unlimited agreed to provide pre-work-

paid off. The youth were enjoying being knee deep in service on the Cedar River, and it appeared as though all of the projects were going to be relatively easy to achieve. And, perhaps best of all, the sound of laughter from the teenagers could be heard throughout the park. It’s a rewarding and memorable sight to see 130 teenagers all smiling at once! All in all, the amount of work accomplished on that single day equaled that of a full-time employee working for six months!

For additional information about this or other similar projects, please call the Gladwin Conservation District at 989-426-9621, extension 3 or stop by at 1501 N. State Street in Gladwin.
Summer Calendar

Continued from Page 3, Column 2

**Michigan Nature Association (cont.)**

- **August 1-4, 9 a.m. to 1 p.m. Workday at Trillium Trail** (St. Clair Co.). Help us pick up trash in this beautiful woodland. Directions: Take M-19 1 1/8 mile north of city limits of Memphis. Look for sign on east side of M-19. Park on shoulder and follow the walking path 1/4 mile east to the sanctuary.

- **August 21-23, 9 a.m. to 3:30 p.m. Field Trip with Kim Traverse to Hamilton Coastal Plain** (Van Buren Co.). See this beautiful marsh system at one of the best times of year. Directions: Take M-51 and turn north on County Road 215. Enter the sanctuary behind Hamilton Grange Hall, located on the corner of County Road 215 and 84th Avenue.

- **October 1-2, 9 a.m. to 12 p.m. Workday at Lost Lake N.S.** (Ogemaw Co.). Join us for an overnight camping trip at the Rifle River Recreation Area. We’ll spend a part of Saturday marking boundaries, repairing ORV damage and removing invasive species at our Lost Lake Sanctuary next to the recreation area. Numbers limited. Small fee for camping and food. Call the office for details.

- **October 1-2, 9 a.m. to 1 p.m. Workday at Riley Shurte N.S.** (Cass Co.). Help us remove trash near the Dowagiac Creek. Bring a pickup truck, if possible, or just bring your gloves. Bring some cash and join us at Lindy’s Family Restaurant for lunch after the workday. Directions: From Dowagiac: Head east on Hwy 62. Turn south on Twin Lakes Road and east on Peavine Street.

- **October 1-10, 9 a.m. to 1 p.m. Workday at Zucker Memorial N.S.** (Lapeer Co.). We’ll be removing invasive shrubs and marking trails in this hemlock forest. Directions: From Flint take I-69 east to M-24 North towards Lapeer. Continue on M-24 west to Columbiaville Road and turn west. Turn north on Lodseberry Rd. Turn west on Barnes. Sanctuary is on Barnes just west of Lodseberry Road.

- **October 3-10, 9 a.m. to 1 p.m. Workday at Black River N.S.** (Van Buren Co.). We will be picking up trash to help keep this beautiful Class “C” floodplain forest in good shape. Call office for directions.

Please see “Summer Calendar” on Page 11
The Natural History of a Garden
by Colin Spedding
With Geoffrey Spedding
Timber Press, Portland, OR, 2003
No words are wasted in this book by Sir Colin Spedding, former Pro-Vice-Chancellor and Professor of Agricultural Systems at the University of Reading in England. The author has information to impart and curiosity to stimulate, and goes right to work, effectively accomplishing these goals with a crisp writing style and generous use of sidebars.

Spedding urges readers to begin viewing their gardens as more than pleasing environments. Rather, he would like them to examine the areas with the eyes of a naturalist, noticing the more subtle aspects, such as the seasonal “behaviors” of the plants, and the movements and lifecycles of the animals, big and small, whose presence impacts the garden setting. Think like a child, he coaxes, and perceive your time in the garden as “a voyage of discovery,” observing the activities of insects, the seed dispersal techniques of the plants, the behaviors of birds, the signs and scamperings of mammals. He promises that these observational skills, once acquired, will be habit-forming.

Spedding’s son, Dr. Geoffrey Spedding, Associate Professor in the Aerospace and Mechanical Engineering Department at the University of Southern California, Los Angeles, assisted his father in addressing the parallels and differences of American and English natural history. A section of Chapter 1 clarifies these issues and sufficiently puts to rest any thought that the book may not apply to the American garden. Nature and ecology being what they are, the life processes of plants and animals are similar enough that the information presented by Spedding is applicable to us.

The author’s material is presented in a “neighborly” tone—of one friend encouraging another to expand his world. Almost every page holds a sidebar with more detailed information on the topics addressed within the narrative. Avid gardeners should find The Natural History of a Garden a refreshing approach to gardening as, most likely, their shelves are sagging with “How-to” books. Spedding’s work may be seen as a “What? Where? When? How? and Why?” addition to the gardener’s library.


WAM/Glassen Grant Program
Wildflower Grants Available

The Wildflower Association of Michigan, in cooperation with the Harold and Jean Glassen Memorial Foundation, is soliciting applications for grants. These submissions should involve the creation of an outdoor classroom, the enhancement of an existing wildflower site, or other educationally directed project. WAM’s goal is to reach as many of Michigan’s youth and citizenry as possible through its grant program. Its mission embodies the areas of recognition; preservation; and the proper procedures for the repopulating of endangered, threatened, and/or special concern native species; and to enhance the appreciation and respect for our native flora. It is the desire of WAM to be of service as much as possible to applicants during the process, including assisting them in developing their submissions. Numerous civic groups and schools have received support in the past, and these successful projects’ reports are also available to assist applicants.

More about WAM and this program, including application criteria and forms, can be found at <www.wildflowersmich.org> or by contacting the WAM grant coordinator, Dr. Robert Krueger, at Kruegerr@ferris.edu. We encourage you to submit your application! The deadline for submissions for the next granting cycle (2005) is January 9, 2005.

Giant hogweed invades Michigan

You say you can’t keep up with the invasive species that have already reached your yard or lake? If you live in the Ironwood area of the U.P. or Okemos (Lansing) area of the L.P., be on the lookout for another invader—giant hogweed (Heracleum mantegazzianum). “We are starting to hear more about this plant all the time in Michigan. This is a really hideous plant, causing severe skin reactions, etc. Everyone should keep an eye out for it,” writes Libby Rice, secretary of the Michigan Invasive Species Council (MIPC) at <http://forestry.msu.edu/mipc>.

For more information, go to <http://www.mcc.edu/clubs/gardening/garden_index.shtml>

**MICHIGAN MEADOW PERENNIALS**
Natalie Hockamier, 112 College NE, Grand Rapids, MI 49503. Ph. 616.451.2732 E-mail: natt718@yahoo.com. <www.geocities.com/natt718>

**MICHIGAN WILDFLOWER FARM**
Esther Durnwald, 11770 Cutler Road, Portland, MI 48875. Ph. 517.647.6010, E-mail: wildflowers@voyager.net. <www.michiganwildflowerfarm.com>

**NATIVE CONNECTIONS**
Jerry Stewart, 62791 Shaffer Road, Constantine, MI 49042 • Cell: 269.580.4765, Home/Fax: 269.435.2208, E-mail: jerry@nativeconnections.net.

**NATIVE PLANT NURSERY**
Greg Vaclavek, P.O. Box 7841, Ann Arbor, MI 48103-7841. Ph. 734.677.3260. E-mail: plants@nativeplant.com • <www.nativeplant.com>

**NATIVESCAPE LLC**
Chris Lehr, 10380 Clinton Road, Manchester, MI 48158. Phone 517.456.9696, Email: info@nativescape.net. • <www.nativescape.net>

**NATURE AND NURTURE**
Erica Kempter and Mike Levine, 114 8th St., Ann Arbor, MI 48103. Phone 734.368.2610, E-mail: info@natureandnurture.org

**NESTRA PRAIRIE PERENNIALS**
Stephan Kerto, Van Bocbove’s Florist & Greenhouse, 1019 Miller Road, Kalamazoo, MI 49001. Ph. 800.233.5025 or 269.343.1669, Fax 269.343.0768

**NORTHERN WILD PLANT & SEED COOPERATIVE**
Wendy Wagoner, PO Box 304, Pickford, MI 49774. Ph. 906.484.2415 <www.creekside-herbs.com>

**OAK PRAIRIE FARM**
Jim Heinrich, W4 642 Hwy 33, Pardeeville, WI 53954. Phone 608.429.3882 • E-mail: customercare@oakprairiefarm.com

**PLANTWISE NATIVE LANDSCAPES**
David Mindell, 224 Charles St., Ann Arbor, MI 48103. Ph. 734.665.7168, Fax 734.665.7168 E-mail: plantwise@aol.com

**R. VIX KENNEDY, INC.**
Vix Kennedy, 7362 High Hill Drive, Brighton, MI 48116. Ph. 810.231.3419, E-mail: mdrvki@chartermi.net <www.horthelp.com>
Summer Calendar
Continued from Page 8, Column 2

Michigan Nature Association, 326 E. Grand River Ave., Williamston MI 48895. 517.655.5655. Not a member of MNA? To support MNA’s work and enjoy the benefits of membership, just send $35.00 to the address above, or join through our Web site at <www.michiganwildflowers.org>. MNA: preserving Michigan's native flora and fauna since 1952.

Michigan Botanical Club, Southwestern Chapter

- August 2–9 a.m. to 1 p.m. Dr. T.K. Lawless Park (Cass County). Bill Westrate will guide us through a variety of habitats at this scenic park. We will explore the park on maintained hiking trails that wind through its woodlands and wetlands. This 800-acre county park contains tamarack bogs and successional lakes with diverse plant life, including wild rice and orchids. The park’s rolling topography reflects its glacial history. Directions: We will meet to carpool at 9 a.m. at the I-94 and Oakland Drive Park & Ride. We will meet Bill at the park entrance at 10 a.m. There is a $2-per-vehicle entrance fee. We will be back in Kalamazoo around 12:30 or 1 p.m. The park is located about 4 miles west of Jones just off M-60. From M-60 take Lewis Lake Road (south) about one mile to Monkey Run Street. Go east to the park entrance. Please prepare for insects with mosquito repellent.
- August 26 a.m. to 2 p.m. Pretty Lake (Cassin County). Lynn Steil will lead us in a search for ferns. More than 25 species of pteridophytes have been identified on the property—the greatest known diversity in the country. Lynn will briefly describe fern families before we venture out. Some areas will be wet, so rubber boots are a good idea. A hand lens and field guide will be helpful. Prepare for insects with mosquito repellent, long pants and long-sleeved shirts, and bring a lunch for a picnic on the grounds. Walking will be light to moderate. We will drive between most sites. Directions:
- September 11–9 a.m. to ? Lowe Foundation grounds. We will meet to carpool at the I-94 and Oakland Drive Park & Ride. We will drive to the Lowe Foundation entrance on Decatur Road, about 4 miles north-east of Cassopolis. If you wish to drive yourself, from Kalamazoo, take US-131 south to M-60 (at Three Rivers), west about 18 miles to Decatur Road, which is about 2 miles east of Cassopolis (if you reach Cassopolis, you’ve gone too far). Take Decatur Road north (right) a few miles to the Lowe Foundation entrance on the left. There is a sign and parking area. Lynn will meet us there at 10 a.m. Drive time from Kalamazoo is about 45 minutes. We will park there and pool cars again for the field trip on the foundation grounds.
- September 17th and 18th, 2004. BioBlitz featuring well-known naturalists and interested participants taking inventory of the center’s natural features and attending sessions. This year’s keynote speaker will be Pat Brown, the Archaeologist, will present “What Archaeologists Learn from Plants.”
- December–6:30 p.m. Markin Glen House – Christmas Potluck with Members’ Slide Show. It is not too early to begin putting together your slides and photos to share at our annual holiday get-together.
- For more information on these activities and membership information, contact Becky Csia at BeckyCsia@chartermi.net.

Chippewa Nature Center

- September 17th and 18th, 2004. BioBlitz featuring well-known naturalists and interested participants taking inventory of the center’s natural features and attending sessions. This year’s keynote speaker will be Pat Brown, the new director of the Michigan Natural Features Inventory. The center is located in Midland. For more information, check the Web site: <www.chippewanaturecenter.com>, call 989.631.0830, or E-mail Rachel Larimore at rlarimore@chippewanaturecenter.com.
Giant hogweed (*Heracleum mantegazzianum*), a noxious invasive species, has been found in Michigan. See page 9. 