

Refuge Reporter

Volume 14, Issue 4

Fall 2011

Wild Goose Chase 5K Run and Walk is September 24

by Janet I. Martineau, Friends Board

Forget about running with the bulls in Spain....how about running with the deer at the Shiawassee National Wildlife Refuge. Or walking amid them and other wild critters.

The refuge and the Friends of the Shiawassee National Wildlife Refuge volunteers are co-sponsoring the third Wild Goose Chase 5K run/walk, set for the morning of Saturday, Sept. 24. Registration is 7:30 a.m. to 9 a.m. with the competition starting at 9 a.m. – runners first followed by walkers.

“Participants run on knee-friendly flat,



natural surfaces – gravel roads, and dirt and grass trails – unlike many 5K events which are on hard paved surfaces,” says Becky Goche, the visitor services manager at the refuge.

“And the race route follows a part of the Wildlife Drive, goes into an area normally closed to visitors and then returns on the

Ferguson Bayou Trail. Through wooded, tranquil areas rather than amid urban traffic.

“Runners and walkers have a good chance of seeing or possibly almost running into refuge wildlife.”

(Continued on page 7)

Refuge Open House Weekend is September 10 and 11

The annual Refuge Open House Weekend is September 10 and 11, 2011. During this weekend only, visitors may hike or bicycle anywhere on the refuge. This is also the only weekend that hunters are able to scout for deer.

The Wildlife Drive will be open from 7 a.m. to 7 p.m. both days. The refuge headquar-

ters will be staffed on Saturday and Sunday from 9:00 a.m. to 5:00 p.m. A number of events are also planned during the weekend, including the annual photo contest judging where visitors pick their favorite pictures, guided hikes and a guided bicycle tour. See the calendar of events insert for more information or visit the refuge website.

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Special Points:

- This marks the last year of the priority point system for refuge deer hunts. 3,070 hunters applied for 926 spots this year. Either sex hunts were very popular.
- There will be 18 blinds available for goose hunters this year. Anticipated opening weekend on the refuge is October 8 and will end October 27.

One-Room Schoolhouses Topic of September Nurturing Nature Program on September 7

by Janet I. Martineau, Friends Board



Surprise fact... today about a dozen one-room schoolhouses are still engaged in educating students in Michigan.

Avid historian Kyle Bagnall will discuss them and

their vanished or revamped cousins during the Wednesday, Sept. 7, Nurturing Nature series program on “Michigan’s One-Room Schoolhouses.” His presentation begins at 7 p.m. at the Green Point Environmental Learning Center, 3010 Maple.

“The Michigan One-Room Schoolhouse Association has completed an inventory of more than 7,000 schoolhouses in our state,” says Bagnall, the historian at the Chippewa Nature Center in Midland.

“Thousands of them still dot the landscape, though many are gone and a great number them have fallen into disrepair. Today, some in our area are being used as churches and private homes, museums, township halls and more.”

Bagnall says his program will provide a short overview of Michigan education history before focusing in on the one-room schools of mid-Michigan.

“When our State Constitution was drafted in 1835, Michigan quickly became a national leader in education. It’s good to remember where we’ve been as we consider the future of education in our state.”

Bagnall’s interest in historic schoolhouses began about 20 years ago when he was working on a college project about inactive cemeteries with abandoned one-room schools next door. “The schoolhouse proved too interesting to let be and another project was born.”

In the course of presenting the program over the years, Bagnall says members of his audiences add to the one-room schoolhouse stories from their own personal histories.

“Most stories from former one-room school kids (and teachers) recall subjects like recess, outhouses, and

mischievousness that children (mostly boys) created over the years. Some things never change – kids will be kids!”

Admission to “Michigan’s One-Room Schoolhouses” is free to members of the Friends of the Shiawassee National Refuge and \$2 to non-members. Support for the series is provided by the Jury Foundation, the Martineau Family Foundation and the Saginaw Branch of the Woman’s National Farm & Garden Association.

2011 Refuge Trail Closures

Hiking trails will be closed to visitors on the following dates due to deer hunting in the area. The Ferguson Bayou Trail will be closed until 1:00 p.m. on Tuesdays, Thursdays, Saturdays and Sundays during October for goose hunting. Dates have not been set, yet, but will be posted on refuge website.

Woodland Trail at Stroebel Road

October 29 – November 7, 2011

November 19 – 20, 2011

November 26 – 27, 2011

December 1 – 5, 2011

December 9 – 12, 2011

December 27 – 31, 2011

Ferguson Bayou Trail at Curtis Road

October 29 – November 7, 2011

November 15 – 20, 2011

November 26 – 27, 2011

December 1 – 5, 2011

December 9 – 12, 2011

December 27 – 31, 2011

Cass River Unit in Bridgeport Township

October 29 – November 7, 2011

December 1 – 5, 2011

December 27 – 31, 2011

Trails at Green Point Environmental Learning Center in Saginaw are available everyday, during daylight hours. No bicycles or pets are allowed on Green Point’s trails.

Antique Apples — A Look and Taste into America’s Past

By Janet I. Martineau, Friends Board

Ahh...fall is nearing and there is nothing like crunching into a crisp and freshly picked Alexander, Dean Watt Scion, Winter Banana, Cox Orange Pippin, Gravensteins, Pearmains, Transparents, Sheep-noses, Reinettes, Codlings or Greenings.

Those are just a few of the antique or heirloom apples Jacklynn Earley will discuss – and, Mother Nature willing, show – during her Wednesday, Oct. 5, Nurturing Nature series program on “Antique Applies.” Her presentation begins at 7 p.m. at the Green Point Environmental Learning Center, 3010 Maple, and concludes with the serving of apple-oriented snacks.

Earley, a Midland resident whose nickname is Garden Grannie, got interested in old-time apples four years ago when her brother and sister-in-law bought an antique apple farm and orchard in Wheeler.

“I would drop by to see what was being restored and just fell in love with the diversity and history of apples. Each day in the orchard a different apple will ripen and it becomes my favorite, till the next day when I eat a new apple.”

There are, out there in the world, thousands of old-time apples, but Earley has been exposed to only “1,200 or so” at the Eastman’s Antique Apple Orchard her relatives run.

“We consider antique/heirloom apples to be apples grown, developed and remembered but very hard to find or almost extinct. They are dated to the time prior to the ubiquitous use of the refrigerated boxcar. The theory behind this is that refrigerated boxcars brought about the development of fruit genotypes focused on surviving the rigors of travel, not focused on flavor. So an heirloom apple could date to well before the discovery of the New World.

“They also are the apples folks remember from their childhood when most had a tree or small orchard in their yard or nearby.”

And while known for their outstanding taste, she

says, their looks are another matter. “They are not always what some consider attractive or beautiful.”



Earley quips that she will talk apples to anyone willing to listen and has done programs and apple tasting events at the family orchard as well as for garden clubs and herb societies.

Case in point, she continues, “the Roxbury Russet is the oldest apple variety of North American origin and was discovered and propagated in Roxbury, Mass., about 1640. Rox-

bury Russet is still regarded as a fine dessert apple, although no longer found on the commercial markets.

“And Newtown Pippin from 1759 is the best known colonial apple in North America; the known favorite of Ben Franklin and Thomas Jefferson.”

Admission to “Antique Apples” is free to members of the Friends of the Shiawassee National Refuge and \$2 to non-members. Support for the series is provided by the Jury Foundation, the Martineau Family Foundation and the Saginaw Branch of the Woman’s National Farm & Garden Association.

For those interested beyond Earley’s talk, Eastman’s is offering two-hour apple-tasting tours of its orchard – exposing participants to 10-12 different varieties to view growing and to take home.

The dates are Aug. 28, Sept. 11, Sept. 25, Oct. 9 and Oct. 23 at 2 p.m. The cost is \$20 with a limit of 20 people for each date. To sign up, or for more information, e-mail eastmanorchard@gmail.com. The orchard is located at 1058 W. Midland-Gratiot County Line Road in Wheeler.

Meet Our New Employees on the Refuge



Stephanie Longstaff – S.T.E.P. Employee

If you've been around the refuge this summer you've probably noticed small fenced areas marked with bright pink tape in many of the units. That's because I have started my

Master's research project which will evaluate how much and what the deer are eating. These exclosures are designed to keep deer out so I can measure the plants inside and out of them and evaluate how much the deer are impacting the plant community, which is the food source for the migratory and resident birds who use the refuge. I also get the pleasure of being on the refuge at dawn and dusk to count the wildlife in each unit. This will tell us where the deer are competing for food with the birds. The results of my research will be used to help managers make better management decisions.

In addition to working on my own research I have also gotten the opportunity to work on many other exciting projects such as the Blanding's Turtle head start program, invasive species control (pulling garlic mustard), capturing Leopard Frogs, trail maintenance, and conducting spotlight surveys to get a count of the deer herd on the refuge.

I have recently finished my Bachelor's Degree in Fisheries and Wildlife at Michigan State University and am here working for the summer as a S.T.E.P. employee but will be returning to Michigan State University in the fall to complete my Master's degree in Fisheries and Wildlife. After I complete my Master's degree I plan to pursue my PhD in an area of natural resource conservation. I have future hopes of continuing conservation research for a federal or state agency and to one day teach at the college level.



Chris Haggard— Biological Technician

Hello, my name is Chris Haggard and I'm a new biological technician here at Shiawassee National Wildlife Refuge. I am originally from a small town in Missouri called Hermann, where I graduated high school. From there I moved to Springfield MO and received my bachelor's degree in Wildlife Con-

servation and Management at Missouri State University.

After graduation I took an internship in Manteo, North Carolina working at Pea Island NWR. While there in the summer of 2010, I worked mainly with sea turtles and colonial nesting birds. Then during the winter of 2010, I was hired by Virginia Tech to work on a Black Bear Project at a neighboring refuge called Alligator River NWR.

After that project came to an end in April of this year, I moved to Saginaw. I have been working at Shiawassee NWR since May. While working here I have been able to help out with many different projects which have included Deer, Dunlin, Blanding's turtles, and Leopard frogs. All of these projects have given me great experience and been very rewarding. I am on a one to two year term position and I am looking forward to many more rewarding experiences at Shiawassee NWR.

Dunlin Stopover Ecology and Shorebird Management at Inland Sites in the Great Lakes Region

by Donald Poppe, Biological Technician



Shiawassee National Wildlife Refuge (SNWR) is a site of critical importance for northward migrating Dunlin (*Calidris alpina hudsonia*). As many as 2,152 individuals have been observed using the mudflats of SNWR in a single day (05/24/2006). In late summer 2009 a project idea to study the stopover ecology of Dunlin at SNWR was developed, with input

and direction provided by U. S. Fish & Wildlife Service personnel and shorebird experts from around the country. Ultimately, a grant for funding was submitted to the U. S. Fish & Wildlife Service's Upper Mississippi River and Great Lakes Region Joint Venture (Region 3) by myself, Tom Gehring, and Nancy Seefelt (both from Central Michigan University). The resulting project objectives were to:

- 1) Study the stopover ecology of Dunlin during spring and fall migration at SNWR by:
 - a) quantifying the historic and contemporary use (abundance and timing) of the refuge by Dunlin,
 - b) determining the number of days (length of stay) Dunlin remain on the Refuge,
 - c) documenting habitat use by Dunlin on the refuge, and
 - d) quantifying invertebrate availability in habitats that are used and not used by Dunlin.
- 2) Compare how Dunlin use habitats at SNWR with similar habitats found at the adjacent SRSGA, especially in reference to habitat availability due to differences in water level management
- 3) Determine the best management strategies for providing an optimal blend of quality stopover sites by in-depth data analysis of historic and contemporary use by shorebirds of the Refuge's impoundments in reference to water level manipulations.

Field work began in late October, 2010 with the goal to capture and apply color flags to as many Dunlin as possible using mist nets. Other field work included observing Dunlin feeding, and collecting substrate cores to sort for invertebrate richness and abundance. Unfortunately, few Dunlin visited SNWR that fall and none were caught. All other work went as planned.

This past May, the results were better. A total of 32 Dunlin were captured and fitted with color flags, each of which possessed a unique alpha-numeric code for identifying individuals. In total 10 Dunlin were resighted at least once using a spotting scope and great stealth. This data will be used to estimate how many days Dunlin stopover (length of stay) at SNWR during migration. All other work went smoothly.



The near future will include sorting and identifying the many invertebrates collected in substrate cores, and extensive analysis of historical refuge data. This fall, and spring 2012 will be the final two field seasons for the project. Results will be ready in late 2012.

Completion of this project will fulfill my thesis requirements needed to attain a Master of Science degree in Conservation Biology from Central Michigan University. Project funding provided by the U. S. Fish & Wildlife Service's Upper Mississippi River and Great Lakes Region Joint Venture (Region 3), Shiawassee National Wildlife Refuge, and Central Michigan University.

New Biological Technician Has Been Here Before

By Kile Kucher, Biological Technician



I worked here at the refuge as a S.T.E.P. employee from May of 2010 through January of this year, and was recently re-hired as one of the Wildlife Biological Science Technicians. Much of my day-to-day responsibilities include habitat management tasks such as

controlling the spread of invasive plants by hand pulling or applying herbicide, as well as maintenance tasks such as maintaining trails by mowing, trimming, and removing downed trees that have fallen across the trails. During the summer (when the Wildlife Drive is open) I work at the refuge headquarters on weekends greeting visitors and answering questions about the refuge trails and Wildlife Drive.

In June, I had the opportunity to visit Little Charity Island in Saginaw Bay, Lake Huron for a colonial nest-

ing bird survey. Little Charity Island is only about 5 acres in size and part of Michigan Islands NWR, but managed by the staff here Shiawassee NWR. The 2 main species we counted nests for were Double-crested Cormorants and Herring Gulls. However, we also encountered other nesting birds, including mallard ducks, herons, and egrets. The survey was part of a much larger project aiming to get an accurate estimate of the number of nests for species of waterbirds that breed in the Great Lakes. It was amazing to see so many birds and nests concentrated in such a small area, and to have hundreds of birds flying directly overhead.

Other things I assist with include a summer White-tailed Deer spotlight survey, ongoing Blanding's Turtle research, and work with Geographic Information Systems (GIS) creating and modifying maps.

November's Nurturing Nature Program to Feature Winning Artwork from Junior Duck Stamp Program

By Becky Goche, Visitor Services Manager



Students in grades K-12 submitted nearly 400 pieces of artwork in mid-March of this year for the annual Junior Duck Stamp Art Contest. Five

judges were selected and given the task to pick the best pieces and choose the best of the best to send onto the National Contest, which took place in April. Altogether, 36 first through third place and one Best of

Show winner were selected.

Join me on Wednesday, November 2, where these 36 pieces will be showcased during a presentation about the Junior Duck Stamp Program in Michigan. I will also give suggestions on how students can make their artwork stand out among all the rest.

The program begins at 7 p.m. Admission is free to members of the Friends of the Shiawassee National Refuge and \$2 for non-members. Support for the series is provided by the Jury Foundation, the Martineau Family Foundation and the Saginaw Branch of the Woman's National Farm & Garden Association.

Wild Goose Chase cont.

The Wild Goose Chase had 112 participants in its inaugural year of 2008, says Goche, and 60 the following year. The event skipped last year because of the construction of the seven-mile wildlife drive route, which will be closed to vehicle traffic the morning of Sept. 24.

“Ages in the first two years ranged from 7 to just under 70 years old. Many people came from the Tri-City area, but we also had some folks from Lansing show up.”

Trophies are awarded to first and second place overall male and female runners. First through third place winners in eight age groups receive medals. And medals are awarded to the top five overall male and female walkers. The event is open to people of all ages, children included.

Early registration (now through Sept. 16) is \$20 with a T-shirt or \$15 without a T-shirt. And late registration (Sept. 17 to the morning of the race) is \$15, with no T-shirts available.

To register, print the registration form off the web site at http://www.fws.gov/midwest/Shiawassee/documents/wildgooseflyer_2011.pdf and mail to Wild Goose Chase, 4941 Clunie, Saginaw, MI 49638. Make the check out to Friends of Shiawassee NWR.

Restrooms are available on the race site, which begins at the end of Curtis Road west off of M-13. Water and snacks are available at the finish line.

For more information, contact Goche at (989) 759-1669 or email her at Becky_Goche@fws.gov.

Participants can pick up their packet and shirts ahead of time – from 4-6 p.m. Friday, Sept. 23, at the Green Point Environmental Center, 3010 Maple in Saginaw – or during registration the day of the event.

Goche says at least one other national wildlife refuge hosts a 5K run/walk through its wilderness, but that they are not commonplace among the nation's more than 550 refuges.

The Shiawassee refuge spans nearly 9,700 acres of bottomland-hardwood forests, rivers, marshes, managed pools, fields and croplands. It is located on what is called the Mississippi Flyway for migrating birds, and thus hosts 280 species of birds each year. The American Birding Association designated the refuge as a "U.S. Important Bird Area" because of that flyway location and the fact southern James Bay Canada geese use the refuge – hence the name of the 5K race which occurs during fall migration.

REFUGE REPORTER is published quarterly by the Friends of Shiawassee National Wildlife Refuge for the refuge.

Editor: Becky Goche

Shiawassee National Wildlife Refuge: Established in October, 1953 and administered by the U.S. Fish and Wildlife Service, Shiawassee NWR provides resting, nesting and feeding habitat for waterfowl and other birds. Its mission is to preserve or manage an undeveloped expanse of floodplain forest, marshes, rivers, and associated habitat within an agricultural and urban landscape through habitat management, encouraging public stewardship, educational programs, and private lands activities.

Refuge Website: <http://www.fws.gov/midwest/shiawassee>

Refuge Manager—Steve Kahl

Assistant Refuge Manager—Ed DeVries

Visitor Services Manager—Becky Goche

Private Lands Biologist—Michelle Vander Haar

Wildlife Biologist—Eric Dunton

Park Ranger (Law Enforcement)—Kevin Shinn

Administrative Officer—Mary Ann Gillette

Maintenance Worker — vacant

Engineering Equipment Operator—David Peters

Friends of Shiawassee National Wildlife Refuge: A nonprofit 501 (c)(3) organization established in 1999 to promote the preservation of the natural and historical resources of the refuge, foster its use and enjoyment by the public consistent with the protection and preservation of its environment, and engage in such educational, scientific and civic activities as will assist the management of the refuge in carrying out its mandates.

Shiawassee NWR
6975 Mower Rd.
Saginaw, MI 48601
Phone: 989-777-5930
Fax: 989-777-9200
Hours: M - F, 7:30 a.m. to 4:00 p.m.

We're on the web!

[Http://www.fws.gov/midwest/shiawassee](http://www.fws.gov/midwest/shiawassee)



Join the Fun at the Wild Goose Chase 5K Run & Walk on September 24

Get Your Students Out into Nature with a Field Trip at the Green Point

By Becky Goche, Visitor Services Manager

School has started and that means it's time to plan your fall field trips to Green Point! Green Point offers many different programs for you and your students to come and explore the outdoors. You can view a listing of these programs on our website (<http://www.fws.gov/midwest/shiawassee>) or you can call Green Point at (989) 759-1669 to request a copy be sent to you in the mail. We have programs for all ages—you can pick a program appropriate for your class or we can suggest one based upon the grade level you teach. Best of all, the programs are free!

We also can bring programs to your classroom! Typically, we prefer doing these in the winter months when we have fewer visitors and school groups here, but we are flexible. There are also many educational trunks cover-

ing a variety of natural resources-related topics that you can borrow for a two-week period. Each trunk contains a variety of items to enhance your curriculum including books, videos, posters, puppets, skulls, and more. All you need to do is call to schedule a time to pick one up from Green Point.

Junior Duck Stamp Program

It's not too early to start thinking about the Federal Junior Duck Stamp Program. Information for the 2012 contest should be available later this fall. If you would like more information, please contact me at Green Point.



U.S. Fish and Wildlife Service

Shiawassee National Wildlife Refuge

2011 Fall Calendar of Events

Labor Day Holiday – Offices are closed
September 5

Michigan's One-room Schoolhouses
September 7, 7:00 p.m.
Green Point ELC

Kyle Bagnall, Chippewa Nature Center historian, explores a typical day in the one-room schoolhouses that once dotted the country landscape. Admission is \$2, FREE for Friends of Shiawassee NWR.

Refuge Open House Weekend
September 10 & 11, daylight hours

Daybreak Hike
September 10, 7:00 a.m.
Houlihan Road parking lot

Watch the early morning activities of deer and other wildlife with Tom Horb. This area is normally closed to visitors. Wear long pants.

Photo Contest Judging
September 10, 9:00 a.m. – 4:00 p.m.
Refuge Headquarters

You be the judge and pick your favorite photos.

Guided Bicycle Tour
September 10, 6:00 p.m. (about 2 hours)
Evon Road parking lot

Tom Horb will take you on a guided bicycle tour in search of deer and other wildlife in an area that is normally closed to visitors. Bicycles with wider tires work best.

Guided Coal Mine Hike
September 11, 5:30 p.m.
Hart and Willing Roads in James Township

Come explore our coal mining history. This area is normally closed to visitors. Wear long pants.

Wild Goose Chase 5K Run & Walk
September 24, 9:00 a.m.
Ferguson Bayou Trail Parking Lot

All runners and walkers must register and pay an entrance fee. (See article)

Antique Apples
October 5, 7:00 p.m.
Green Point ELC

Jacklynn Earley of Midland takes a look at the world of "antique" or heritage apples which have stood the test of time. A sampling of apple goodies is included.

Admission is \$2, FREE for Friends of Shiawassee NWR.

Last Day Wildlife Drive Is Open
October 5, 7:00 a.m. – 7:00 p.m.

Columbus Day Holiday – Offices are closed
October 10

Nature at Night Hike
October 21, 7:00 p.m.
Green Point ELC

Come learn about owls and other nocturnal animals found at Green Point. Wear dark clothing and bring a flashlight with a red lens filter.

Guided Fall Bicycle Tour
October 22, 5:00 p.m. (about 2 hours)
Ferguson Bayou Trail

Enjoy the fall colors and have a chance to see refuge wildlife as you bike along the gravel and dirt trail. Bicycles with wider tires work best.

2011 Junior Duck Stamp Winners
November 2, 7:00 p.m.
Green Point ELC

Artwork from this year's K-12 winners will be showcased. Admission is \$2, FREE for Friends of Shiawassee NWR.

Let's Get Ready for Winter
November 5, 10:00 a.m.
Green Point ELC

Park Ranger John Anderson will show you how plants and animals prepare for the winter on a guided hike.

Veterans Day Holiday – Offices are closed
November 11

Daybreak Bicycle Tour
November 12, 7:00 a.m. (about 2 hours)
Woodland Trail

Join Tom Horb for a ride along the Woodland Trail to see who's active in the morning. Bicycles with wider tires work best on the narrow, dirt trails.

Thanksgiving Day Holiday – Offices are closed
November 24

All programs are FREE unless otherwise noted. For more information call Green Point Environmental Learning Center, (989) 759-1669 or visit the refuge's website at www.fws.gov/midwest/shiawassee

Join the Friends of Shiawassee NWR Today!

FREE Membership includes the following benefits...

- Joining a local constituency in support of the development and operation of the refuge
- Subscription to the *Refuge Reporter*, the quarterly newsletter from the refuge
- FREE admission to monthly *Nurturing Nature Wednesday Series* programs
- 10% discount on Friends merchandise
- Opportunities to participate in programs and volunteer for projects that help the refuge

To become a member of the “Friends of Shiawassee National Wildlife Refuge” you must agree to support the mission and goals of the group, abide by the current and future bylaws if amended, and sign the following disclaimer. *“I acknowledge that I am participating in “Friends of Shiawassee National Wildlife Refuge” (Friends) activities at my own risk, and that Friends has made no warranty or representation, expressed or implied, regarding safety of conducting any activity. I expressly release and hold harmless Friends and their officers, directors, employees, and agents from and for any and all claims, demands, actions and causes of action whatsoever on account of any loss, damage or injury to person or to property suffered or incurred by me in connection with the activity or any aspect of it, including, but not limited to, any transportation arranged by, paid for, or provided by Friends. By signing below, I (we) acknowledge that I (we) have read and understand this form and that the statements I (we) have made are true.”*

Signature(s) and Date: _____ Date: _____

Parent’s signature if member is under age 18: _____

Name: _____

Address: _____

City: _____ State: _____ Zip code: _____

Phone: _____ E-mail: _____

Friends’ Volunteer Opportunities

- | | |
|--|---|
| <input type="checkbox"/> Assisting with refuge events | <input type="checkbox"/> Helping with workshops |
| <input type="checkbox"/> Doing outreach activities | <input type="checkbox"/> Leading walking tours |
| <input type="checkbox"/> Assisting with Nurturing Nature | <input type="checkbox"/> Developing trails |
| <input type="checkbox"/> Writing newsletter articles | <input type="checkbox"/> Helping with simple maintenance projects |
| <input type="checkbox"/> Writing/developing grants | <input type="checkbox"/> Staffing Store |
| <input type="checkbox"/> Serving as Committee member | <input type="checkbox"/> Researching/Ordering merchandise |
| <input type="checkbox"/> Leading children’s activities | <input type="checkbox"/> Other – please list: |

Send membership form to:
Friends of Shiawassee NWR
P.O. Box 20129
Saginaw, MI 48602

If you wish to make a financial donation, please make check payable to “Friends of Shiawassee NWR.”