

Inside Region 3

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Northern Tallgrass Prairie NWR Midwest Celebrates New Tallgrass Prairie Refuge in Minnesota

The Service joined local residents and conservation groups for the first public celebration of the new Northern Tallgrass Prairie NWR Friday, Aug. 10 in Luverne, Minn. The event marked the acquisition of a new 360-acre prairie tract near Luverne.

"This is a very important first step for the new refuge," said Ron Cole, refuge manager. It's taken several years of hard work by refuge staff, our Service realty folks, our local Friends of Prairie group, The Nature Conservancy, and the Brandenburg Prairie Foundation, to make this first acquisition for the refuge a reality."

Following the dedication, participants attended a reception at the Brandenburg Gallery in Luverne, followed by dinner and a slide show of prairie images presented by internationally-renowned photographer Jim Brandenburg.

Cole notes the National Wildlife Refuge System will be celebrating its centennial anniversary in 2003 and sees the establishment of the Northern Tallgrass Prairie refuge as a timely, and fitting, gesture.

Today, less than one percent of the northern tallgrass prairie, which once blanketed the upper Midwest, still remains. Once stretching from horizon to horizon, the native prairie now exists only in scattered patches tucked away in pasture corners or atop rock-strewn rises. *Dan Sobieck, External Affairs*



--USFWS Photo

Touring the Big Muddy

Refuge Biologist Maureen Gallagher pilots a boat for members of the Regional Office during a tour of the Lisbon Bottom unit of the Big Muddy National Fish and Wildlife Refuge. The tour was part of a three-day research symposium that examined hydrology and ecology issues of the Missouri River. For more about the symposium see the report on page 3.

Muscatatuck Wildlife Society Foundation Receives \$150,000 Pulliam Grant

Foundation Will Help Fund Refuge Conservation Learning Center

The Muscatatuck Wildlife Society Foundation recently received a grant for \$150,000 from the Nina Mason Pulliam Charitable Trust which will be used to expand the visitor center into a Conservation Learning Center (CLC) at the Muscatatuck National Wildlife Refuge.

The Foundation was among 30 Indiana nonprofit organizations receiving grant checks and commitments totaling \$1,906,000.

The grant recipients share a common thread of excellence in fulfilling their commitments to the community and state said Harriet Ivey, president and CEO of the Nina Mason Pulliam

Charitable Trust. Jim Roberts, president of the Muscatatuck Wildlife Society Foundation said the Foundation was created to oversee plans to raise \$700,000 to build and equip a 4,584 square foot building that will include classrooms, a 100 seat auditorium, audio visual equipment and educational displays.

Nearly \$310,000 has been raised to date from grants, donations, and sales of commemorative bricks. The goal is to have the CLC built and ribbon cutting event as part of Muscatatuck NWR centennial celebrations. *Susan Knowles, Muscatatuck NWR*



Mike Engel of the Wisconsin Private Lands Office uses a map to show visitors locations of habitat restoration projects underway for the Karner blue butterfly.



--USFWS Photos
The Karner Blue Butterfly Festival in Black River Falls, Wis., even includes butterfly royalty of sorts with a butterfly princess competition.

Service Joins Town's Celebration of the Karner Blue Butterfly

Partners for Fish and Wildlife biologists joined the community of Black River Falls, Wis., July 14 to help celebrate the town's Fifth Annual Karner Blue Butterfly Festival. The southwest Wisconsin community, led by its Downtown Association, has celebrated and boasted that the federally-endangered Karner blue butterfly makes it home in Wisconsin's Jackson County. More than 2,000 people attended this year's event.

Service biologist Michael Engel of the Wisconsin Private Lands Office led two trolley field trips to nearby habitat restoration projects for the Karner blue butterfly and other declining species of the pine barrens. Capacity crowds of more than 80 people attended both trips, encouraging Festival planners to expand opportunities for field trips during next year's celebration.

The ambitious habitat restoration

projects are a collaborative effort involving the Service, Jackson County Forestry and Parks, USDA's Natural Resources Conservation Service (NRCS), Wisconsin Department of Natural Resources and community volunteers. These partners joined Army representatives from Fort McCoy, Wis., to conduct educational and outreach presentations. *Michael Engel, Wisconsin Private Lands Office*

Indiana's Camp Atterbury Completes Indiana Bat Management Plan

Camp Atterbury, a 33,000 acre Army National Guard and Air National Guard training center, in Edinburgh, Ind., recently completed an Endangered Species Management Plan (ESMP) for the Indiana bat (*Myotis sodalis*), the only federally-listed species that lives on the installation. The plan, which was developed in consultation with the U.S. Fish and Wildlife Service (Service), will guide Indiana bat research and management activities on the installation through 2004.

The installation has coordinated

closely with the Service's Bloomington Field Office on the management of the Indiana bat since the species was discovered there in 1997. The ESMP reflects the dedication of the Commander and staff of Camp Atterbury to the long-term conservation of the Indiana bat on the facility.

Camp Atterbury has conducted research and monitoring on Indiana bats, using results of that work to implement Indiana bat habitat enhancement projects. Current efforts include the building of two small

ponds to enhance habitat quality in Indiana Bat Management Zones, areas on the base which have been designated for bat management.

Camp Atterbury supports the highest known concentration of Indiana bat maternity colonies in the State of Indiana. Research and management activities on this installation have the potential to make a significant contribution to the recovery of this imperiled species. *Lori Pruitt, Bloomington Field Office.*



--USFWS Photo

Symposium participants get an up close tour of a naturally formed side channel at Lisbon Bottom Unit of Big Muddy NWR.

Big Muddy NFWR Hosts Lisbon Bottom Research Symposium

Service staff and conservation partners from from several state and federal agencies gathered in Columbia, Mo., July 24-26, 2001 to exchange information, ideas, and “gut instincts” about the hydrological and ecological forces at play at the Lisbon Bottom Unit of the Big Muddy National Fish and Wildlife Refuge.

A field trip by boat for 15 people highlighted the first day of the symposium. Three boats toured the Lisbon Bottom

side of the Missouri River to see how management by man has affected the flow of the channel. This channel developed naturally after the floods of 1993 and 1995 swept across the Refuge.

The second day, more than 70 people listened to presentations by researchers who have conducted hydrological and ecological studies at Lisbon Bottom since 1993. Carl Korschgen of U.S. Geological Survey (USGS) presented the pilot Deci-

sion Support System for Lisbon Bottom Unit that USGS mappers and researchers are developing in ArcView from the data which has been collected.

The day’s exchange of ideas and information served as a foundation for the third day of the symposium, which featured a working group discussion about future research and monitoring needs at Lisbon Bottom.

Service participants in the symposium included staff from Big Muddy NFWR, Swan Lake NWR, Squaw Creek NWR, Columbia Ecological Services, Columbia Fisheries Resources Office, and Regional Office staff. Other participants included staff from USDA Natural Resources Conservation Service, U.S. Geological Survey, U.S. Environmental Protection Agency, Missouri Department of Natural Resources, Missouri Department of Conservation, Indiana State University, University of Missouri, and Friends of Big Muddy.

Refuge staff will incorporate the information from the symposium and the decision support system in future habitat management plans and the comprehensive conservation plan for the Big Muddy NFWR.

Refuge Biologist Maureen Gallagher was instrumental in organizing the event. *Barbara Moran, Big Muddy NWR*

Indian Power Company’s Habitat Conservation Plan Benefits Colony of Endangered Interior Least Terns

Since an Incidental Take Permit was issued to Indiana’s Cinergy Corporation 19 months ago, none of the federally-endangered interior least terns (*Sterna antillarum*), on the company’s Gibson Generating Station have been taken, and the colony is expanding.

In 1999, Cinergy Corporation, parent company of PSI Energy, Inc. and Indiana’s largest electric supplier, developed a Habitat Conservation Plan (HCP) and submitted an application for an incidental take permit under Section 10 of the Endangered Species Act. In its HCP, Cinergy committed to continue efforts to protect and enhance habitat for Indiana’s only colony of the federally-endangered birds which nest

at the company’s Gibson Generating Station.

Cinergy sought the incidental take permit because, as the colony expanded, terns began nesting in ash disposal ponds and on gravel access roads associated with ash ponds; the company was concerned that routine maintenance and operation of the generating station could result in incidental take of terns.

Cinergy continues to cooperate with the Indiana Department of Natural Resources and the Service to enhance and expand nesting opportunities for terns. *Lori Pruitt, Bloomington Field Office*

July ARS Reports Show \$13.5 Million in Resource Accomplishments

July accomplishments reported through the Accomplishment Reporting System (ARS) show the Region continues to engage a variety of partners while completing more than \$13.5 million in on-the-ground accomplishments in the Midwest. Of 80 accomplishments in July, 24 listed financial data showing the Service's contribution to these accomplishments totaled \$1.12 million.

Field offices continued to involve numerous government, non-government, business and tribal partners in its conservation efforts. The Region documented work with more than 90 different partners in July, including federal, state and county agencies, native American tribes, non-governmental conservation groups, colleges and universities, private businesses, volunteer groups and one foreign country (Canada).

Among the more noteworthy accomplishments reported was the early completion of dredging on the Saginaw River and Bay in Michigan (\$9.7 million), Great Lakes sea lamprey control successes (\$2.1 million), success of sea lamprey control barrier (\$65,000), and Ducks Unlimited funding of wetland restorations in Litchfield, Minn. (\$26,000). The Service financial contribution to these accomplishments totaled only \$9,000.

Other key accomplishments included the funding of 24 Great Lakes Coastal Programs and construction of a new maintenance facility at Sherburne NWR. These and other noteworthy accomplishments were reported in two July issues of "Inside Region 3," the Region's electronic newsletter. The newsletter is distributed to employees via e-mail, and posted to the Region's website ([http://](http://midwest.fws.gov/InsideR3)

midwest.fws.gov/InsideR3) for public viewing. Accomplishment report summaries are also provided to the Service's Washington Office for inclusion in the Service's 'White House Report.'

The ARS received 147 reports in July, more than three times as many than were received in July 2000. The July accomplishment tally was made August 1. Undoubtedly, more accomplishments occurred in July but will likely not be reported until August or later.

Employees can view detailed information about July's accomplishments by logging into to the ARS website (<http://ars.fws.gov>) and using the Report Manager search utility. The searchable database contains data from more than 2,500 accomplishment reports filed by Region 3 field offices. *Scott Flaherty, External Affairs*

Genoa National Fish Hatchery Gives Endangered Higgins Eye Mussel Helping Hand in Upper Mississippi River Ecosystem

The federally endangered Higgins-eye pearl mussel (*Lampsilis higginsi*) is getting a helping hand through the cooperative efforts of Service fishery biologists and the Departments of Natural Resources of Minnesota, Wisconsin and Iowa. During the first two weeks of June, biologists from the Genoa National Fish Hatchery (NFH) joined state dive teams to place more than 3,500 host fish carrying an estimated 250,000 - 280,000 Higgins-Eye mussel larvae into four sites in the Mississippi River drainage.

The majority of the fish were secured in holding cages attached to the substrate on known mussel beds. Upon completing their development, the juvenile mussels will drop off their host fish and begin life as free ranging mussels. Additional recovery efforts for this species are being carried out at the Genoa NFH where 20,000 - 30,000 juvenile *Lampsilis higginsi* are planned to be reared and released over the coming months.

These efforts are part of an ongoing recovery effort for this endangered species and have been funded by the Service's Ecological Services division and



--USFWS Photo

Todd Turner, manager Genoa National Fish Hatchery (prone), Roger Gordon- assistant manager Genoa NFH(standing), and Kurt Welke, Wisconsin Department of Natural Resources fisheries biologist (diver), place juvenile mussels in the lower Wisconsin River.

the U.S. Army Corp of Engineers. For additional information on this project, contact Genoa NFH (608) 689-2605. In addition to Genoa NFH, staff from the LaCrosse Fish Health Center ,

LaCrosse Fishery Resource Office, and Regional Office Fisheries and Ecological Services are assisting with the project. *Roger Gordon, Genoa NFH*

Service Assists Wisconsin With Yellow Perch Management in Green Bay

Yellow perch stocks have been declining in Wisconsin's Green Bay for the last 10 years due to limited recruitment. Managers with the Wisconsin Department of Natural Resources (DNR) and user groups are concerned about the status of this resource and the causes for the decline. Emergency rules have been established by Wisconsin DNR this year to greatly limit commercial and sport harvest.

The Wisconsin DNR recently invited Fishery Biologist Chuck Bronte of the Green Bay Fishery Resources Office (FRO) to assist with analysis of stock assessment data to help determine the potential bottlenecks to recruitment. Bronte modeled yellow perch recruitment over a 21-year period in relation to parental stock size, white perch abundance (an exotic that can serve as predator and competitor), and cormorant abundance (a predator).

Results, presented to the Wisconsin DNR Lake Michigan Fisheries Team July 30, 2001, indicates that parental stock size rather than the other factors tested, was likely responsible for declines in recruitment.

The Wisconsin DNR will use this data and other information to propose an extension of the emergency rule this fall. This analysis may also help set a target yellow perch parental stock size which the DNR will manage for and will result in increased recruitment. *Charles Bronte, Green Bay Fishery Resources Office*

Region Hosts National Junior Duck Stamp Workshop September 18-20

Region 3 will host the first ever, national training workshop for all state, Regional and Washington Office coordinators of the Junior Duck Stamp Program September 18-20 at Minnesota Valley National Wildlife Refuge.

The Junior Duck Stamp Program is one of the Service's best educational outreach programs, helping spread conservation messages of both federal and state agencies. Workshop organizers hope the synergy created by bringing together this field of talented folks will lead to improving not only the state programs but it will also serve to re-energize the national program and provide direction for the coming years. Expert speakers

such as past duck stamp contest winners, teachers, parent participants, judges, media, and representatives of the philatelic community are being considered to be on the agenda.

The workshop is about sharing ideas and mutually benefiting state programs, while ultimately strengthening and improving the National Junior Duck Stamp Program. We are encouraging participants to bring samples of forms they have designed, awards, posters, ceremony programs, "Dear Educator" letters, press releases, magazine or newspaper articles about their state program or other helpful products. *Anne Shea, External Affairs*



--USFWS Photo

Chief of Refuges Nita Fuller, Refuge Manager Charlie Blair and Engineer Paul Evenson cut the ribbon on the new maintenance facility at Sherburne NWR.

New Maintenance Facility Dedicated at Sherburne NWR

A new 7,000 square foot maintenance facility at Sherburne National Wildlife Refuge was officially dedicated July 12 with a ribbon cutting ceremony presided over by Nita Fuller, National Wildlife Refuge System chief for Region 3, Paul Evenson, on-site Regional engineer for the project, and Charlie Blair, refuge manager.

The facility includes a heated shop stall with a lift, a heated fire stall, a modern oil

house, a carpenter shop, storage, and a garage for eight vehicles. Contractors for the project were Gopher State Contracting, Rice, Minn.

The dedication included a barbecue pot luck, volleyball and refreshments enjoyed by 41 attendees from Minnesota Department of Natural Resources, Regional Office, refuge staff, retirees and neighbors. *Nancy Haugen, Sherburne NWR*

Electric Barrier and Fishway Thwart Sea Lamprey, Allow Fish to Pass

Barriers on Great Lakes tributaries, whether natural or man-made, play an important role in limiting the spread of spawning phase sea lampreys and the subsequent production of larval sea lampreys. The Great Lakes Fishery Commission (GLFC) is committed to reducing reliance on chemical lampricides as the primary sea lamprey control method and has developed strategies to increase the number of sea lamprey barriers on lamprey producing streams as part of its integrated management of the sea lamprey problem.

The Service conducts a sea lamprey management program in the Great Lakes under contract with the GLFC. The Service, in conjunction with the Michigan Department of Natural Resources, successfully operated a gradient-field electrical sea lamprey barrier and pumped source fishway on the

Pere Marquette River near Ludington, Mich., from April 4 to June 30, 2001.

This barrier and fishway combination is the first of its kind to be used on any Great Lakes stream to facilitate passage of migratory fish around an electrical barrier. Large pumps provide water for operation of the pool and weir fishway. Spawning-phase sea lampreys entering the fishway are thwarted in their attempt to pass the barrier and are captured in traps.

Over 11,000 fish (including 4,800 steelhead, 3,200 white suckers, 2,860 silver, shorthead, golden and greater redhorse suckers and 177 brown trout) successfully migrated through the pools and weirs of the fishway while 328 sea lampreys were captured. *Denny Lavis, Ludington Biological Station*



—USFWS Photo

Biologist Gary VanVreede (back to camera) explains the functions of wetlands to a diverse group of students from Purdue University.

Service Biologist Helps Students Learn Value of Wetlands

Green Bay Field Office Biologist Gary Van Vreede, recently gave a presentation on wetlands to a class of field biology students from Purdue University at Calumet, Ind., as part of a week-long outdoor workshop in north central Wisconsin.

The course offered an intensive outdoor experience to a group of racially diverse urban students, who have had little or no exposure to environmental issues.

The students learned about the functions and values of wetlands, the history of wetland loss, and about the Service's efforts to restore wetland habitat on private lands through the Partners for Fish and Wildlife Program. Information also was provided on other areas of Service activity and career opportunities that exist in these fields. *Gary VanVreede, Green Bay Field Office*



Wildlife Inspector Linda Benson explains details on importing wildlife to a group of about 100 hunters at Cabela's in Owatonna, Minn., July 18.

Minnesota Hunters Learn Ins and Outs of Importing Weapons to Canada

Service Wildlife Inspector Linda Benson joined officials from Canadian Customs and Justice Departments and Northwest Airlines July 18 in Owatonna, Minn., to provide current information about hunting in Canada.

Recent changes in Canada's gun laws have effected procedures for Americans crossing the border to hunt in Canada. In addition to Canadian law, U.S. laws pertaining to importing wildlife and hunting trophies were provided to approximately 100 sportsmen attending the two-hour program.

Canadian customs officials estimate a 20-30 minute processing time per non-resident hunter. Historically high numbers of hunters are processed each fall at Sault Ste. Marie and Fort Frances, Ontario. To help reduce delays, special pre-arrival procedures have been established for these two entry points. More information is available from the Canadian Firearms Centre website: <http://www.cfc.gc.ca>

The event was sponsored by Outdoor News and Cabelas. *Scott Flaherty, External Affairs*

Purple Loosestrife-Eating Beetles Released on St. Louis River

Beetles Raised by Boy Scouts and 4-H Groups as Community Service Project

Staff from Ashland Fishery Resources Office (FRO) joined local youths and representatives from other organizations July 23 to release thousands of beetles (*Galerucella calmariensis*) at four locations along the St. Louis River near Duluth, Minn. The beetles eat Purple loosestrife (*Lythrum salicaria*) an exotic plant that invades wetlands and shorelines, and is presently found in 47 states.

Beetles released at these sites are one of four species used to biologically control purple loosestrife. The beetles are native to Europe and Asia, and adults can fly as far as 1 kilometer to find other loosestrife patches. The beetles feed only on purple loosestrife and kill the plant by defoliation.

Over two dozen families representing 4-H and Boy Scouts of America raised the beetles in their backyards as a community service project to excite kids about science and to deliver beetles to areas where loosestrife is choking out native wetland plants. Other groups that

contributed to the success of the project include the Minnesota Sea Grant, St. Louis River Citizens Action Committee, University of Minnesota Extension, U.S. Fish and Wildlife Service, Duluth Sailing Association, Duluth Boat Club, Carduus Consulting, Woodland Hills Youth Treatment Program, and the Minnesota and Wisconsin Departments of Natural Resources.

A brief overview of the project was presented by Doug Jensen, Exotic Species Coordinator with Minnesota Sea Grant and assignments were handed out. Four release sites had been previously selected and consisted of two near Boy Scout Landing, as well as one each at Clough Island and Indian Point Bay. Potted loosestrife plants, used as nurseries to raise the beetles, were loaded into boats provided by various organizations including one operated by Ted Koehler of Ashland FRO. The plants were enclosed in netting to keep adult beetles from escaping. Two 4-H members and one adult

leader were assigned to each boat to assist the operator in delivery and distribution. Once plants and beetles were delivered to areas of loosestrife infestation they were placed in groups of five throughout the stand. The netting was then taken off and any adult beetles clinging to it were removed. After the work was done, the participants enjoyed a picnic at the landing.

Everyone involved in the release effort worked hard and cooperated to make it a huge success. At least 40 young people and adults participated in the event.

Nearly 200 potted plants containing thousands of beetles were distributed to purple loosestrife infested areas. Thanks to these efforts the hundreds of species of plants, birds, mammals, reptiles, insects, amphibians, and fish which rely on healthy St. Louis River wetlands to survive have benefited. *Ted Koehler, Ashland FRO*

Accomplishment Reports Received

Accomplishment reports with accomplishment dates between July 16 and Aug. 6 are listed below. Reports filed during this period, but with accomplishment dates occurring before July 16 are not listed here, but can be found by using the Report Manager Utility on the ARS.

1. **Lake Superior State University Professor Visits Seney NWR**
Laurie Vanatta, Seney NWR
2. **Seney NWR hosts U.S. Forest Service Staff**
Laurie Vanatta, Seney NWR
3. **Exploring Options for Scholarships to Native Americans Pursuing Natural Resources Education**
Mark Dryer, Ashland FRO
4. **Ashland FRO and East Lansing FO Provide Congressional Briefing on Great Lakes Coastal Program.**
Mark Dryer, Ashland FRO

5. **Ashland FRO and Wisconsin DNR - Bayfield Office Partner on Fish Community Study in Whittlesey Creek.**
Mark Dryer, Ashland FRO
6. **Ashland FRO Helps Rank Nuisance Species Projects as Part of National NOAA Panel**
Mark Dryer, Ashland FRO
7. **Ashland FRO Participates in Congressional Reception**
Mark Dryer, Ashland FRO
8. **Rice Lake NWR Participates in County Fair**
Mary Stefanski, Rice Lake NWR
9. **Rice Lake NWR Participates in Mille Lacs Band W2W**
Mary Stefanski, Rice Lake NWR
10. **Mille Lacs Band Summer Youth Program at Rice Lake**
Mary Stefanski, Rice Lake NWR
11. **Indiana's Camp Atterbury Completes Indiana Bat Management Plan**
Lori Pruitt, Bloomington FO

12. **Rydell Volunteers Recognized for Outstanding Work**
Rick Julian, Rydell NWR
13. **Forty-Five Attend Sundew Bog Program at Rydell NWR**
Rick Julian, Rydell NWR
14. **Violent Weather Hits Rydell NWR**
Rick Julian, Rydell NWR
15. **100 Visitors Brave 95 Degree Heat to Attend Rydell NWR Raptor Program**
Rick Julian, Rydell NWR
16. **July ARS Reports Show \$13.5 Million in Resource Accomplishments**
Scott Flaherty, External Affairs
17. **Service Assists Wisconsin With Yellow Perch Management in Green Bay**
Charles Bronite, Green Bay FRO
18. **Mingo Job Corps and Mingo NWR Partnership Brings the Best and Brightest On Board**
Molly Mehl, Mingo NWR

Accomplishment Reports Continued

19. **Muscatatuck/Big Oaks NWR Complex Outreach Strategies Compliment Refuge Volunteer Program**
Susan Knowles, Muscatatuck NWR

20. **Initial Survey and Design Conducted on Multiple Wetland Projects**
Ted Koehler, Ashland FRO

21. **Habitat Conservation Plan Benefits Endangered Interior Least Tern in Indiana**
Lori Pruitt, Bloomington FO

22. **Muscatatuck Wildlife Society Foundation Receives \$150,000 Pulliam Grant for Refuge CLC Building**
Susan Knowles, Muscatatuck NWR

23. **Muscatatuck/Big Oaks NWR Staffs Centennial Exhibit at Indiana's Scott County Fair**
Susan Knowles, Muscatatuck NWR

24. **Muscatatuck/Big Oaks NWR Set up Centennial and FWS exhibits at the Jackson County Fair**
Susan Knowles, Muscatatuck NWR

25. **Muscatatuck/Big Oaks NWR Sets up Centennial and FWS exhibits at the Jennings County fair**
Susan Knowles, Muscatatuck NWR

26. **Purple Loosetrife-Eating Beetles Released on Minnesota's St. Louis River**
Ted Koehler, Ashland FRO

27. **Response to Methyl Mercaptan Release**
Lisa Williams, East Lansing FO

28. **Big Muddy NFWR Hosts Lisbon Bottom Research Symposium**
Barbara Moran, Big Muddy NWR

29. **Regional Environmental Monitoring and Assessment Program**
Frank Stone, Ashland FRO

30. **400 Attend Muscatatuck NWR Take A Kid Fishing Event**
Donna Stanley, Muscatatuck NWR

31. **Rydell Refuge's "Frog Harvest" Finds No Abnormal Frogs**
Rick Julian, Rydell NWR

32. **Rice Lake NWR Hosts Alternative School Participants**
Mary Stefanski, Rice Lake NWR

33. **Electro fishing Shacte Creek for Fish Pathogen Study, July 10, 2001**
Glenn Miller, Ashland FRO

34. **Muscatatuck NWR Hosts Migratory Bird Festival**
Donna Stanley, Muscatatuck NWR

35. **Girl Scouts Celebrate a 50-Year Partnership With Crab Orchard NWR**
Judy Pharris, Crab Orchard NWR

36. **Sherburne NWR Hosts Scientific Discovery Program**
Jeanne Holler, Sherburne NWR

37. **First Ever National Junior Duck Stamp Workshop Hosted by Region 3**
Anne Shea, External Affairs

38. **New Maintenance Facility Dedicated at Sherburne NWR**
Nancy Haugen, Sherburne NWR

39. **Service Biologists Join Wisconsin Town's Celebration of the Karner Blue Butterfly**
Michael Engel, Wisconsin Private Lands Ofc

40. **American White Pelican Colony Expanding on Horicon NWR**
Diane Penttila, Horicon NWR

41. **Tallgrass Prairie Invasive Plant Species Curtailed at Neal Smith NWR**
Christy Smith, Neal Smith NWR

42. **Muscatatuck NWR Helps With the Crosley Goose Banding**
Susan Knowles, Muscatatuck NWR

43. **Muscatatuck NWR Displays Centennial Exhibit at the Scott County Fair**
Susan Knowles, Muscatatuck NWR

44. **Muscatatuck NWR Hosts Jennings County Field Days**
Susan Knowles, Muscatatuck NWR

45. **Spring Tallgrass Prairie Planting Completed at Neal Smith NWR**
Christy Smith, Neal Smith NWR

46. **Muscatatuck NWR completed the Indiana Amphibian Monitoring Program**
Susan Knowles, Muscatatuck NWR

47. **Muscatatuck NWR Involved With June Goose Banding**
Susan Knowles, Muscatatuck NWR

48. **Muscatatuck NWR Tests Water Quality of Surrounding Creeks**
Susan Knowles, Muscatatuck NWR

49. **Sea Lamprey Electrical Barrier and Fishway Thwart Lamprey, Allow Fish to Pass**
Denny Lavis, Ludington Bio. Station

50. **She Got Swamp Mud Between Her Toes**
Molly Mehl, Mingo NWR

51. **British Broadcasting Company Seeks Out Mingo NWR**
Molly Mehl, Mingo NWR

52. **Grand Portage Fish Hatchery Project**
Frank Stone, Ashland FRO

53. **Survey of Mandy Lake Examines Impact of Winter Kill on Refuge Fishery**
Frank Stone, Ashland FRO

54. **Prairie Wetlands Learning Center Hosts Agriculture Meeting**
Kenneth Garrahan, Fergus Falls WMD/ PWLC

55. **Blue Earth County Kids Learn About Wolves**
Laura Ragan, External Affairs

56. **Rydell NWR Draft Comprehensive Conservation Plan Completed. Open House Set for July 19**
Rick Julian, Rydell NWR

57. **Partners Join Landowners to Resurrect Zwinggi Lake in Nicollet County Minnesota**
Todd Luke, Litchfield WMD

58. **Service, MetroParks and the Ohio Division of Wildlife Team Up to Restore Wetlands and Grasslands**
William Hegge, Reynoldsburg FO

59. **Prairie Pioneer Days**
Darrell Haugen, Morris WMD

Inside Region 3



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