

Inside Region 3

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Karner Blue

\$1.47 Million Grant Will Acquire Significant Habitat for Endangered Butterfly in Wisconsin

Efforts to conserve the Karner blue butterfly in Wisconsin will get a boost from the Service through a \$1.47 million grant to the Wisconsin Department of Natural Resources (DNR). The funds will be used to acquire lands for the conservation and recovery of the endangered butterfly. These efforts will complement similar efforts being conducted by partners to the Wisconsin Statewide Habitat Conservation Plan (HCP) for the Karner blue butterfly. There are 26 partners to the HCP including the Wisconsin DNR, which also administers the plan.

Wisconsin is one of 10 states to receive funding this year through the Service's HCP Land Acquisition program, which awarded \$68 million nationwide for land acquisition associated with approved HCPs. The program pays up to 75 percent of the cost of land acquisition in association with established HCPs. Non-federal partners will contribute at least 25 percent.

"We are very pleased to support the Wisconsin DNR and their partners in their excellent work to help conserve and recover the Karner blue butterfly," said Service Regional Director William Hartwig. "The monies provided by the

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--USFWS Photo

St. Louis Area Science Students Learn About Service Programs and Wildlife at Minority Science Showcase

Park Ranger Michael Dixon of the Mark Twain National Wildlife Refuge Complex explains how to use a spotting telescope to a student attending the Minority Scientist Showcase Jan. 13-15 in St. Louis, Mo. Dixon represented the Service at the event, explaining Service programs such as the National Wildlife Refuge System and Endangered Species. Dixon also demonstrated several types of wildlife viewing instruments while encouraging students and their families to learn about nature through observation. More than 4,850 students and family members attended the event, held at the St. Louis Science Center. See page 2 for more on the Showcase.

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Grant Will Acquire Significant Habitat for Endangered Butterfly in Wisconsin

Service will be used to acquire significant parcels of land to be managed for the butterfly. That means affected HCP partners can implement habitat restoration on a landscape scale, something vitally important for the successful recovery of this species.”

The grant to Wisconsin complements the efforts being taken under the Wisconsin Statewide HCP to conserve and recover the Karner blue butterfly. Funds will be used to purchase land totaling 1,073 acres near the Quincy Bluff and Wetlands State Natural Area in Adams County and additional acreage in central Wisconsin. Sites being purchased have an excellent chance of supporting populations of the Karner blue and will be managed for the butterfly. Lands acquired under the HCP Land Acquisition program are purchased only from willing sellers.

“Everybody here is thrilled with the award and the terrific message it sends,” said Dave Lentz, HCP Coordinator for the

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--Dave Lentz, Wisconsin DNR

Wisconsin DNR.

Wisconsin’s HCP, finalized in 1999, was the nation’s largest HCP of its kind with the most diverse partner group and was hailed as a model for other landscape-scale conservation plans. Conservation and recovery measures contained in the HCP will be implemented on more than 260,000 acres of partner lands in Wisconsin. The HCP permits cooperating landowners, businesses and governments to continue a variety of activities while conserving the Karner blue.

Under the Endangered Species Act, incidental take permits issued by the Service for implementation of HCPs allow land-

owners to incidentally “take” (kill, harm, or harass) a federally listed endangered or threatened species in the course of conducting otherwise lawful activities. The landowners agree to conservation measures that will minimize the impact of “take” on the species.

There are currently more than 300 HCPs in effect nationwide, covering about 20 million acres, and another 200 HCPs are under development.

In addition to the Wisconsin DNR, the remaining 25 partners to the HCP include eight county forests, several forestry companies, utility companies, The Nature Conservancy and the Wisconsin Departments of Agriculture and Transportation. Partners to the HCP implement conservation measures designed to avoid or minimize harm to the Karner blue butterfly such as fall mowing and herbicide applications to protect wild lupine used by the butterfly during its larval (or caterpillar) stage.

Students Learn About Service Programs and Wildlife at Minority Science Showcase



--USFWS Photo

Park Ranger Michael Dixon talks with students visiting the Service exhibit at the Showcase.

The U.S. fish and Wildlife Service was represented during the Eighth Annual Minority Scientist Showcase Jan. 13-15, 2001, at the May Special Exhibit Hall at the St. Louis Science Center in St. Louis, Mo.

This intriguing three-day event featured minority scientists, engineers and other science related professionals. About 4,850 youths and their families interacted one-on-one with science professionals, which provided a unique opportunity for discussion of questions, concerns, and curiosities.

Participating in the showcase this year was Service Park Ranger Michael Dixon, of Mark Twain National Wildlife Refuge Complex. This year, Dixon assisted

the public in understanding the joy and importance of nature observation. Youth and adults were encouraged to try out the various types of field glasses that were available. In addition, a video was shown exhibiting the variety of wildlife being protected by America’s National Wildlife Refuge System.

The success of the bald eagle and its anticipated delisting from the Endangered Species List was welcome news to many and served as an example of increased awareness. All visitors were encouraged to visit Refuges and view the bald eagle in its natural habitat in order to appreciate the work that the Service is doing. (*Michael Dixon, R3-Mark Twain NWR-Riverlands*)

Public Use Plan for Whittlesey Creek Refuge Released

A draft public use plan and environmental assessment for the Whittlesey Creek National Wildlife Refuge was recently completed and released to the public for their review and comment. The draft plan proposes to open the Refuge to wildlife-dependent recreational use, which includes hunting, wildlife observation, fishing, photography, environmental education and interpretive programming.

Few facilities would be provided, but the Service plans to direct most of its public use from the adjacent Northern Great Lakes Visitor Center. Walking trails are proposed to connect with the Center, and environmental education and interpretive programming will be a focus of public use in cooperation

with Center partners such as the University of Wisconsin Extension Service.

The Service expects there will be demand for compatible uses at the Refuge because of its close proximity to Ashland, Wis., U.S. Highway 2, State Highway 13, and the Northern Great Lakes Visitor Center.

As part of the planning effort, the Sigurd Olson Environmental Institute, a partner of the Service, developed and distributed a questionnaire that specifically asked respondents if they would use the Refuge and what kind of uses they would participate in. They mailed over 550 questionnaires to local residents who had previously expressed interest in the Refuge and to all landowners in the Whittlesey watershed. 171

questionnaires were completed and returned to the Institute and 150 of those said they would use the refuge for some type of wildlife-dependent recreation.

The plan has been distributed to over 120 individuals, and many others have been informed of the plan's availability through the local press. Copies of the document are available from the Service at the web site: www.fws.gov/r3pao/ashland.

Partners include: Sigurd Olson Environmental Institute, Wisconsin DNR, U.S. Forest Service, University of Wisconsin Extension Service, Bayfield County, Trout Unlimited, Great Lakes Indian Fish and Wildlife Commission. *(Pam Dryer, R3-Whittlesey Creek NWR)*



-- Photo by Jonathan Shaffler

Crab Orchard's Volunteer Patrol

Crab Orchard NWR Creates "Volunteer Patrol" to Supplement Conservation Effort on Illinois Refuge

Last spring, Crab Orchard NWR created a program designed to train and mentor volunteers to serve as supplemental 'eyes and ears' for Refuge staff. The 'Volunteer Patrol,' consists of volunteers trained in first aid, CPR, radio communications, defensive driving, visitor center operations, and other administrative skills.

Once trained, the volunteers sign up to patrol anywhere on the Refuge any day of the week. Typical Patrol activities include disseminating literature to visitors,

conducting biological inventories, doing light maintenance, and reporting on the state of public use areas. A minimum of four hours per month is required upon completion of 20 hours of mandatory training.

To date, 37 Volunteer Patrol members have been trained. The Refuge goal is to have a working patrol each day of the week.

(Judy Pharris, R3-Crab Orchard NWR)

Horicon NWR Thanks Volunteers for 3,000 Hours of Refuge Accomplishments

About 50 people joined to thank volunteers and celebrate their successes during Horicon NWR's annual volunteer recognition event Jan. 25, 2001. During calendar year 2000, 200 volunteers worked 3,000 hours, expanding the efforts of Refuge staff and increasing its capabilities.

The Beaver Dam Charter School was selected "Volunteer of the Year." The group of 69 students and teachers (a record) worked 1,061 hours. Cumulatively, about 210 people from the school have worked 3,547 hours since 1996.

Nature photographer Jack Bartholmai of Beaver Dam worked 285 hours, more hours than any other individual.

The Fond du Lac Senior Center Hikers worked the most hours of any group (besides the charter school). Local raptor rehabilitator Barbara Harvey presented her 'Wild Birds of Prey' program and brought along "Cinamin," a red-phase eastern screech owl, and "Lady," a loud and beautiful Harris' hawk. *(Molly Stoddard, R3-Horicon NWR)*

Loggerhead Shrike Status Assessment Completed

The loggerhead shrike (*Lanius ludovicianus*) is a widespread species with a breeding range extending from central and southern Canada, throughout the continental United States, and most of Mexico. While still widespread, the loggerhead shrike has experienced continent-wide population declines and no longer breeds with regularity in portions of its former range. In 1987, the Service designated the shrike as a "Migratory Nongame Bird of Management Concern" in the United States. The loggerhead shrike is listed as "threatened" or "endangered" in 14 states. *L.l. mearnsi*, an insular subspecies that occurs only on San Clemente Island, California, is listed as federally endangered in the U.S. In Canada, the eastern population of the loggerhead shrike is listed as endangered and the western population is listed as threatened.

In light of continuing declines in



Photo by Chan Robbins, USGS

Loggerhead shrike.

shrike populations, the Service's Bloomington, Ind., Field Office prepared a rangewide status assessment for the loggerhead shrike. There are two primary purposes for conducting the status assessment. The first is to assess the status of the species and evaluate the need for conservation activities. The second is to gather information that will be needed by the Service to make a decision on whether or not the loggerhead shrike, or any subspecies, should be proposed for listing under the

federal Endangered Species Act. Information summarized in the assessment includes loggerhead shrike taxonomy, range, habitat requirements, biology, and population status and trends. Threats to the species were evaluated, and based on those threats, management and research needs were identified. Status information for each state and for Canada is summarized.

The status assessment reviews the biology, population trends, habitat requirements, threats, and research and monitoring needs of the loggerhead shrike throughout its range. Documented trends leave no doubt that loggerhead shrike populations have declined significantly relative to populations 30 years ago. It is also the intent of the Service that this assessment will promote and facilitate research and conservation focused on this species.

(Lori Pruitt, R3-Bloomington Field Office)

Detroit River's Mud Island to be Added to National Wildlife Refuge System; 18-Acre Island to Become Part of Wyandotte NWR in Southeast Michigan

The Service has announced its intention to accept the donation of 18-acre Mud Island, located near Ecorse, Mich., from National Steel Corporation. Acting Service Director, Marshall Jones authorized the potential Refuge addition Jan. 5, 2001.

After normal real estate procedures, including a land survey, the island will become part of the adjacent Wyandotte National Wildlife Refuge (NWR), which currently totals 304 acres. A notice of the Wyandotte NWR expansion was published in the Jan. 16, 2001, Federal Register. Wyandotte NWR is managed by the staff of the Shiawassee NWR in Saginaw, Mich.

Regional Director of the Service's Great Lakes-Big Rivers Region, Bill Hartwig, who oversees NWRs in Michi-



gan, welcomed the addition of the island to the Refuge System. "As part of the 93 million acre National Wildlife Refuge System, Mud Island and the shallow shoals associated with it will now benefit migratory birds and fish forever," Hartwig said, noting that the island lies within one of the United States' most historically significant staging areas for diving ducks like canvasback and scaup.

Hartwig lauded the efforts of National

Steel Corporation, Congressman John Dingell, the Michigan Department of Natural Resources, American Heritage River Initiative representative John Hartig, and Ecorse city officials for setting up the transfer. "It helped a great deal to have local support for this transfer," said Hartwig, adding that given the location and resource value of the island "it makes sense to include it as part of the Refuge System."

As part of the National Wildlife Refuge System, Mud Island will be managed to benefit wildlife and provide opportunities for wildlife-dependent recreational uses, such as hunting, fishing, wildlife observation and photography. Once the transfer is completed, the Service also intends to examine lake sturgeon utilization of the area.

Hormone-Induced Spawning Critical to Lake Trout Restoration

The use of hormone to induce spawning of captive brood stock at the Service's Hiawatha Forest National Fish Hatchery is critical to meet regional goals of providing disease free eggs for restoration programs in the Upper Great Lakes. This fall, approximately 220 females of the Lewis Lake and Green Lake strains were induced to provide eggs (spawn) for the Astroturf program to meet regional commitments of 1.5 million eggs.

The Astroturf program uses eggs that are not needed for standard production programs. Eggs are incubated for approximately 18-23 days, picked (remove dead eggs), sandwiched in bundles of Astroturf, secured in wooden crates, and deployed over historical lake trout spawning reefs. The crates are chained together to allow retrieval in the spring for repeated use in consecutive years. Approximately 150 crates are used to deploy the 3 million eggs for the program (1.5 million from Hiawatha Forest NFH and 1.5 million from Saratoga NFH).

For the Astroturf program to be successful, eggs must be available by the second week in November. Pre-



--Photo by Crystal LeGault

Spawning Help. David Radloff of the Hiawatha Forest NFH injects the hormone LHRH into an anesthetized lake trout to induce ovulation.

ferred eggs are approximately three weeks old which allows them to simulate natural conditions of spawning wild fish. Most of our captive fish spawn too late to meet program guidelines; therefore, we use the hormone LHRH analog to speed up gamete maturation by two to three weeks. This hormone is administered

through an INAD (Investigational New Animal Drug) exemption. The INAD helps provide clinical field trial data to support a declaration by the U.S. Food and Drug Administration (FDA) that LHRH analog is a low regulatory priority substance. (David Radloff, R3-Pendills Creek NFH)

Commercial Fishers Contributing to Lake Sturgeon Study

Staff from Alpena Fishery Resources Office (FRO) attended the 4th Annual Commercial Fishers Appreciation Dinner in Bay City, Mich., Dec. 14, 2000. Alpena FRO hosted the dinner for Michigan state-licensed and Tribal commercial fishers that are assisting the Service with its lake sturgeon work in Lake Huron.

The fishers encounter lake sturgeon as "by-catch" during

their normal fishing operations. The fishers volunteer time to tag and collect biological information on the encountered lake sturgeon. Currently, 15 commercial fishers operating 21 boats are participating in the study.

Awards and tokens of appreciation were presented to each of the fishers present at the dinner. Approximately 30 individuals representing the different fishers participating in the project were

present.

Information gathered by the project will be used to develop restoration plans for this depleted Great Lakes native species.

Since 1995, approximately 240 lake sturgeon have been tagged in Lake Huron with the voluntary assistance of these Commercial Fishers. (Tracy Hill, R3-Alpena FRO)

Wisconsin Bald Eagle Shooters Sentenced

A Crandon, Wis., man was fined \$1,500, ordered to pay \$500 restitution and a \$25 special assessment Feb. 9, 2001, by a federal court in Milwaukee for shooting a bald eagle last March. Michael J. Pagel, 22, was sentenced by U.S. Magistrate Judge Patricia Gorence for killing the eagle while it perched in a tree along Old Highway 8 in Forest County, Wis.

On March 17, 2000, Pagel, his cousin, Richard A. Marvin of Crandon, and another man were driving along Old Highway 8 in Forest County when they spotted the eagle, an immature female, perched in a tree. The three men drove to Pagel's house, retrieved a .22 caliber rifle, then returned to where they first saw the bird. Pagel shot the eagle from inside Marvin's pickup truck. The men took the dead eagle to Pagel's residence, where they removed the wings and feet. Marvin later discarded the carcass in a nearby woods.

Local residents told a Wisconsin Conservation Warden that Pagel and Marvin were displaying a dismembered eagle foot as a trophy, and were speaking openly about shooting the eagle. Special Agents from the U.S. Fish and Wildlife Service were asked to assist with the investigation.

Once classified as "endangered" under

the Endangered Species Act (ESA), bald eagles have recovered to healthy population levels and are now listed as "threatened" under the ESA. However, bald eagles and other birds of prey remain protected by federal wildlife laws such as the Bald and Golden Eagle Protection Act, Migratory Bird Treaty Act and the Lacey Act.

In addition to the monetary penalties, Pagel was ordered to perform 100 hours of community service and placed on probation for two years. While on probation, Pagel is banned from hunting or fishing anywhere in the United States and may not possess any firearms or other dangerous weapons.

Pagel is the second person to be sentenced for the eagle killing. Richard A. Marvin was sentenced in Federal Court in December for his role in the shooting. Marvin was fined \$1,000, ordered to pay \$500 restitution, ordered to perform 50 hours of community service, and placed on probation for one year. While on probation, Marvin is banned from hunting anywhere in the United States, and he cannot possess dangerous weapons. Restitution from both individuals is paid into the Service's Lacey Act Reward Account. (*Ed Spoon, R3-Madison LE*)

Man Gets Five Months in Prison For Possessing Eagle Feathers

Antonio Alvarez, 25, of Lac Du Flambeau, Wis., was sentenced in federal court to five months in jail, one year of probation and ordered to pay a \$25 special assessment Jan. 11, 2001, for unlawfully possessing an immature bald eagle in the fall of 1999.

The investigation began after the Lac Du Flambeau Tribal Police learned that Alvarez possessed the eagle. The tribal police searched Alvarez's home and located some eagle body feathers in a cardboard box in the basement. Police were unable to locate the head, wings, talons or tail feathers of the dead eagle.

Service special agents became involved in the investigation in December 1999. Agents learned from witnesses that Alvarez was seen with the freshly killed eagle after returning from a fall 1999 deer hunting trip.

Agents later learned that Alvarez had given the remainder of the eagle parts to a person to have a Native American dance bustle crafted. Officers seized the wings and talons from this eagle and learned Alvarez intended to wear the bustle while taking part in pow-wows and other Native American ceremonies. Alvarez is not a member of a federally recognized Indian tribe and cannot legally possess bald eagle feathers.

Magistrate Judge Stephen Crocker sentenced Alvarez to five months in prison, and an additional five month stay in a halfway house, where Alvarez will undergo drug and alcohol rehabilitation. Alvarez was also sentenced to one year of probation. During this probation period Alvarez cannot hunt or take part in hunting activity in the continental United States. The Magistrate did not order a fine in this case because of Alvarez's inability to pay. (*Jackson Gregory, R3-Madison LE*)

Service's O'Hare International Airport Wildlife Inspection Program Featured on A&E Television Program

Wildlife inspectors were a featured component during the television program 'Behind Closed Doors with Joan Lunden,' that aired Jan. 18 and 20, 2001.

The Arts and Entertainment (A&E) Television program took viewers 'behind closed doors' at Chicago's O'Hare International Airport. The Wildlife Inspection Program at O'Hare was a significant and memorable part of

the program. Viewers saw samples of illegally imported wildlife, including the handling of 'Elvira' a Mexican redknee tarantula.

The episode will be re-broadcast periodically. The program provided national exposure for the Service's wildlife inspection program and helped inform the public about wildlife import/export laws. (*Keri Halpin, R3-Chicago LE (Inspection)*)

Isle Royale Coaster Study Completed- Results Available From Ashland FRO

Lee Newman of Ashland Fishery Resources Office completed a report summarizing a radio telemetry study of coaster brook trout on Isle Royale in Lake Superior. The report, 'Movement and Range of Coaster Brook Trout of Tobin Harbor Isle Royale,' is now available from Ashland FRO.

In this study, biotelemetry was employed to determine home ranges and movement patterns of 17 coaster brook trout *Salvelinus fontinalis* in Lake Superior and in tributary streams on Isle Royale. Transmitters were designed and uniquely programmed for this application, and were surgically implanted in sub-adult or pre-spawn fish ranging from 335 mm (13.3 inches) to 462 mm (18.2 inches) total

length. Locations were monitored for one year. The maximum distances from release point recorded for individuals ranged from 0.25 km to 6.4 km. (mean=3.59 km). Movement was lowest during high light periods of the day.

Results suggest that adults in this population do not enter streams to spawn, and that this population occupies an extremely small range.

This study provides clear evidence of the small home range of this important population of coaster brook trout, information that is critical for management and protection of this stock from over exploitation by angling.

(Lee Newman, R3-Ashland FRO)

Service Provides Natural Resources Expertise to Minnesota County Planning Committee

Wildlife Biologist Les Peterson represented the Service on the Becker County (Minnesota) Comprehensive Plan Steering Committee during its meeting Jan. 18, 2001. The committee consists of representatives of several federal, state, and county agencies, private organizations, business leaders and interested citizens.

During its January meeting, the committee worked to create a vision for how Becker County should look

in the year 2021, and began planning to achieve that vision. Representation on the Committee gives the Service a chance to have input into how Becker County should deal with issues such as natural resources management, rural and lakeshore development, economic development and land use, and transportation and public infrastructure.

(Les Peterson, R3-Detroit Lakes WMD)

USAJobs Website Benefits Regional Personnel Recruiting

Division of Personnel presented its analysis of the USAJobs website's impact on the Region's hiring process to members of the Regional Management Team Feb. 16, 2001. The analysis compared the government's website to past personnel recruiting systems.

Various time frames encountered in other recruitment sources were also evaluated by collecting data from office records and soliciting feedback.

Highlights of the analysis were presented in a report to the RMT. The report indicates that USAJobs has positively impacted Region 3, by increasing the number of qualified applicants and by decreasing the time spent in the administrative part of the hiring process.

The time required to fill positions ranged from two to six months, depending on the type of recruitment method used.

Native Peoples' Fisheries Section to Sponsor Symposium at August Meeting of American Fisheries Society

The Native American Fisheries Section is sponsoring a half day symposium during the Annual Meeting of the American Fisheries Society scheduled for late August in Phoenix, Arizona. Four other sections of the Society are co-sponsoring the 12 paper symposium entitled "Partnerships in Tribal Fisheries - A Basis for Fishery Success in the 21st Century."

John Leonard, Region 3 Native American liaison, is organizing the symposium and will serve as moderator with Section President Hannibal Bolton. The symposium includes presentations from each area of the U.S., and will reflect the cross disciplined approach to problem solving involving scientific contributions of fish culture, fish health, fish management and fish genetics.

Tribes teaming with federal, state, university and private organizations have enabled specific resource accomplishments and built a foundation for future cooperation. These partnership achievements demonstrate the value of coordination and fishery resource benefits to be realized by a multi disciplined approach. The presenters will describe the processes used to maximize the partnership achievements and feature the projects' contributions to fisheries. The value of fish and fishery resources in tribal culture and tradition will also be addressed.

Presenters are mostly tribal employees and the opportunity to describe the benefits and processes used to establish partnerships will assist fishery scientists in developing future agreements with tribes. *(John Leonard, R3-External Affairs)*

Accomplishment Reports Received

The following Accomplishment Reports were processed by the ARS between November 2, 2000 and Feb. 15, 2001.

1. **Sea Lamprey Control Diversity Accomplishments**
john heinrich, Marquette Biological Station
2. **Bald Eagle Shooter Sentenced in Federal Court**
Ed Spoon, Madison LE
3. **Muscatatuck NWR - 1.5 Acre Cardinal Wetland Restored**
Mike Oliver, Muscatatuck NWR
4. **Upper Mississippi Refuge Receives Grant Funds for Eagle Exhibit**
Cynthia Samples, UMRNW&FR-Complex HQ
5. **Refuge Staffer Presents Endangered Species Program Via Live, Interactive Communication Network**
Cynthia Samples, UMRNW&FR-Complex HQ
6. **Muscatatuck NWR - National FFA Convention**
Mike Oliver, Muscatatuck NWR
7. **Bald Eagles Nesting on Muscatatuck NWR, A Refuge First**
Mike Oliver, Muscatatuck NWR
8. **Crop and Forage Show**
Kevin Brennan, Fergus Falls WMD/PWLC
9. **Service, Landowner and Township Boards Examine Solutions to Trespass Problems**
Les Peterson, Detroit Lakes WMD
10. **Eagle Days at Mingo NWR**
Molly Mehl, Mingo NWR
11. **More than 425 Celebrate Wildlife and Refuge System at Sherburne NWR Winterfest**
Nancy Haugen, Sherburne NWR
12. **Crab Orchard NWR Creates Volunteer Patrol" to Supplement Refuge Staff"**
Judy Pharris, Crab Orchard NWR
13. **Accomplishment Data Supports Personnel Evaluations For Regional Leadership**
Scott Flaherty, External Affairs
14. **Ozarks KaRST Initiative Gains Momentum**
Lisa Mandell, Ozark Watershed EcoTeam
15. **Refuge Wildlife Biologist is Regular River Guy" on Minnesota Radio Station"**
Cynthia Samples, UMRNW&FR-Complex HQ
16. **Project Leaders Learn to Manage Employee Performance and Conduct**
Robb Morin, ABA (Personnel)
17. **Service Remembers Tribal Leader - Lawrence Bedeau of Red Lake**
John Leonard, External Affairs
18. **550 New Nesting Boxes Completed at Fergus Falls Wetland Management District**
Kevin Brennan, Fergus Falls WMD/PWLC
19. **Real-World Applications of Toxicology Shared With University Students**
Lisa Williams, East Lansing FO
20. **Detroit Lakes WMD Staff Attends Prescribed Burning Workshop**
Les Peterson, Detroit Lakes WMD
21. **Muscatatuck NWR Provides Educators Guide to Muscatatuck**
Donna Stanley, Muscatatuck NWR
22. **LaCrosse FRO/Refuge District Honor Volunteers**
Scott Yess, LaCrosse FRO
23. **Detroit Lakes' Staff On Buffalo-Red River Watershed Flood Reduction Team**
Les Peterson, Detroit Lakes WMD
24. **Horicon NWR Recognizes Volunteers for 3,000 Hours Worth of Accomplishments**
Molly Stoddard, Horicon NWR
25. **Far-Reaching Fisheries Trust Program in Michigan a Conservation Model**
Scott Flaherty, External Affairs
26. **Detroit River's Mud Island to be Added to National Wildlife Refuge System**
Scott Flaherty, External Affairs
27. **Loggerhead Shrike Status Assessment Completed**
Lori Pruitt, Bloomington FO
28. **Native Peoples' Fisheries Section Symposium Approved**
John Leonard, External Affairs
29. **Eagle Days attracts 340 Visitors to Crab Orchard NWR**
Judy Pharris, Crab Orchard NWR
30. **Horicon NWR Coordinates 2001 Marsh Events & Education Poster**
Molly Stoddard, Horicon NWR
31. **Environmental Education Capacity Building Workshop at the Prairie Wetlands Learning Center**
Kenneth Garrahan, Fergus Falls WMD/PWLC
32. **O'Hare Airport's Wildlife Inspection Program Featured on A&E Television Program**
Keri Halpin, Chicago LE (Inspection)
33. **Service Provides Natural Resources Expertise to Minnesota County Planning Committee**
Les Peterson, Detroit Lakes WMD
34. **Minority Scientist Showcase Presents Opportunity to Learn About Nature Observation**
Michael Dixon, Mark Twain NWR-Riverlands
35. **Muscatatuck NWR Opens to Ice Fishing**
Donna Stanley, Muscatatuck NWR
36. **Snowshoe-Making Workshop at Seney NWR**
Marianne Kronk, Seney NWR
37. **Horicon NWR's Traveling Trunk Helps Educators Discover Migratory Birds**
Molly Stoddard, Horicon NWR
38. **Wisconsin Man Sentenced to 10 Months in Jail For Possession of Eagle Feathers**
Jackson Gregory, Madison LE

39. Twin Cities Field Office Releases Report on Vegetation Changes on Dredged Material

Reba Bicott-Denman, Twin Cities FO

40. Morningson School Presentation

Kevin Brennan, Fergus Falls WMD/PWLC

41. Primitive Weapons Hunters Harvest 124 Deer at Muscatatuck NWR

Donna Stanley, Muscatatuck NWR

42. Muzzleloader Deer Hunt Helps Manage Deer at Mingo NWR

Molly Mehl, Mingo NWR

43. Public Use Plan for Whittlesey Creek National Wildlife Refuge Released

Pam Dryer, Ashland FRO

44. Great Lakes Ecosystem Outreach

joan guilfoyle, External Affairs

45. Outreach: Delisting the National Symbol, the American Bald Eagle

joan guilfoyle, External Affairs

46. Region 3 Joins Service Partnership With Intertribal Bison Cooperative

John Leonard, External Affairs

47. Mingo's Christmas Bird Count

Molly Mehl, Mingo NWR

48. Juvenile Shooters of Golden Eagle Caught by Agents

Robert Leapley, St. Peters LE

49. Juveniles Bag Golden Eagle

Robert Leapley, St. Peters LE

50. Columbia FRO biologists stars of local news program

Joanne Grady, Columbia FRO

51. Cypress Creek NWR Christmas Bird Count Tallies 92 Species

Elizabeth Jones, Cypress Creek NWR

52. Lake Erie Water Snake Poster and Brochure

joan guilfoyle, External Affairs

53. Rice Lake NWR Recognizes Volunteer of the Year

Mary Stefanski, Rice Lake NWR

54. Watershed Restoration Within the Stockbridge-Munsee Indian Community

Stewart Cogswell, Green Bay FO

55. Service-Assisted Stream Surveys Contribute to Oneida Nation's Fishery Management.

Stewart Cogswell, Green Bay FO

56. Prairie Wetlands Learning Center Completes Second Successful Year of Operation

Kenneth Garrahan, Fergus Falls WMD/PWLC

57. Despite Blizzard Conditions, Fergus Falls Christmas Bird Count Tallies 44 Bird Species

Kevin Brennan, Fergus Falls WMD/PWLC

58. Rydell Wood Duck Nesting Boxes Enjoy 33 Percent Duck Use

rick julian, Rydell NWR

59. Commercial Fishers Recognized for Role in Service's Lake Sturgeon Study

Tracy Hill, Alpena FRO

60. Fish and Wildlife Service Will Be Active Partner in Northern Great Lakes Visitor Center

Pam Dryer, Ashland FRO

61. Richard A. Marvin Sentenced for Role in Bald Eagle Killing

Jackson Gregory, Madison LE

62. Personnel Staff Update Employees and Supervisors on Allowable Uses of Sick Leave

Robb Morin, ABA (Personnel)

63. Federal Executives Learn About Service's Accomplishment Reporting System

Scott Flaherty, External Affairs

64. New Headquarters Bldg & Other Construction Slated for Region 3

Marie Niesen, ABA (Engineering)

65. Isle Royale Coaster Study Completed-Results Available From Ashland FRO

Lee Newman, Ashland FRO

66. Personnel Disseminates Health Plans Materials For FEHB Open Season

Robb Morin, ABA (Personnel)

67. PWLC Workshop Promotes Nationally Acclaimed Environmental Education Curriculum

Kenneth Garrahan, Fergus Falls WMD/PWLC

68. Otter Tail River Basin Meeting

Kevin Brennan, Fergus Falls WMD/PWLC

69. The Role of Wetlands in Reducing Flood Damages in the Red River Basin

Laurie Fairchild, Bloomington FO

70. Restoration Plans For Michigan's Saginaw Bay Area Announced

Lisa Williams, East Lansing FO

71. Service Agents Help Train DNR Conservation Warden Recruits in Wisconsin

Ed Spoon, Madison LE

72. Study Results Presented at 62nd Midwest Fish and Wildlife Conference

Tracy Hill, Alpena FRO

73. Kalamazoo River NRDA Assessment Plan Described at Public Meeting

Lisa Williams, East Lansing FO

74. Boy Scout Leaders are Introduced to Mingo NWR

Molly Mehl, Mingo NWR

75. Cache River Watershed Partners Get Funds For Restoration, Recreation and Education Projects

Elizabeth Jones, Cypress Creek NWR

76. Green Bay FRO Coordinates Lake Trout Stock Assessments in Lake Michigan

Charles Bronte, Green Bay FRO

77. Changes in Lake Superior's Fish Community and Management Potential Reported

Charles Bronte, Green Bay FRO

78. Mud Lake Ecosystem Project Will Benefit Migrating Waterfowl

Steve Delehanty, Morris WMD

79. Service Joins State to Investigate Report of Lake Michigan Coaster Brook Trout

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Inside Region 3



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