



Forest Service, US Department of Agriculture
WATERSHED – FISH – WILDLIFE – AIR – RARE PLANTS ::: WFW
MONTHLY WFW STAFF NEWSLETTER
JUNE/JULY 2007

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Federal job announcements can be found at: http://jobsearch.usajobs.opm.gov/agency_search.asp

[Submit your information](#)
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National in Scope:

GENERAL/CROSS AREAS

WFW Continuing Education – Register!

The WFW Continuing Education (CE) program "call" for nominations started electronically in May. Hard copy letters and the brochure went out in July. **There is still time to register!** Self-funded FS employees can register directly in AgLearn. Some regions assist with tuition - contact [our Regional Coordinators](#) or the [WFW/CE Program Leader](#) (everyone) for details. Workshops are open to everyone.

[WFW Continuing Education website](#)

[How to Register Information](#)

Submitted By: Shelly Witt, WO/WFW/Continuing Education

WFRP Report Generator & Reports – Reminder

A product so great – and community supported – it deserves repeated attention. You can get electronic Wildlife and Fish Accomplishment Reports on the Internet! This tool is a great way to communicate our WFRP programs and activities to the public and partners, and also to better acknowledge and thank our internal partners. It can help communicate and document how \$114 million of appropriated wildlife and fish funds were invested in conservation in FY06. The announcement letter went out March 23, 2007. There are 18 reports on the [WFRP Internet website](#). Forest Service biologists enter their data through the internal (Intranet/FSWeb) site:

<http://wodata01.fs.fed.us/fsfiles/unit/wo/wfrp/WFWPartnerships.nsf/reportlist>

Submitted By: Marc Bosch, WO/WFW/TES

Wyden-Alexander Combat Illegal Logging Act – Introduced

[News Release](#) – Wyden's Website

[News Release](#) – PR Newswire

[Downloadable Bill](#)

"Historic Bill Introduced in Senate Today to Combat Illegal Logging Backed by unprecedented coalition of industry, labor and conservation groups". It would amend the Lacey Act to apply to certain plants and plant products. No S. number yet. The March 2007 House bill, sponsored by Rep. Earl Blumenauer and others, has been modified to conform with this Senate bill.

Submitted By: Marc Bosch, WO/WFW/TES

AIR RESOURCE

Terry Svalberg - 2006 National Paul Miller Clean Air Award Recipient

The National Paul Miller Clean Air Award recognizes singularly outstanding performance by an air quality specialist, manager, scientist, or technician who displays excellence through initiative, skill, determination, commitment, and/or achievement in furthering the stewardship of air resources on National Forests and Grasslands. Terry Svalberg, Bridger-Teton NF air specialist, is the recipient of the 2006 National Paul Miller Clean Air Award. Congratulations Terry! For additional information visit the [WFW Air website](#).

[CONTENTS](#)

Acheson Finishes Detail as WO Air Program Leader

Ann Acheson, R9 Regional Air Program Manager, has finished her 3-month detail with the WO/WFW staff. An air specialist veteran of more than 15 years, she was the Regional Air Program Manager in Missoula and is now responsible for air issues in the NE areas of R9. She's also the Smoke FARM Team Chair because she is especially proficient in smoke issues. Ann did a terrific job as the acting WO Air Program Leader. Thank you Ann!

Submitted By: Rich Fisher, WO/WFW/Air Program

AQUATIC/FISH

Rise to the Future Award Winners

For Award Winner details go to the [WFW Fish WWW web page](#).

Professional Excellence Management

Amy Unthank - Regional Fish Program Leader - Region 3

Professional Excellence Research

Bret Harvey – Research Fishery Biologist - Pacific Southwest Research Station

Recreational Fishery Resources Accomplishment

Middle Rogue Steelheaders TU Chapter – Rogue-Siskiyou NF - Region 6

Mentor

Mark Hudy - Eastern Aquatic Ecologist - Washington Office

Public Awareness

*Nooksack Salmon Enhancement Association – Mt. Baker-Snoqualmie NF –
Region 6*

Collaborative Aquatic Resource Stewardship

Eagle River Watershed Council and Holy Cross RD – White River NF – Region 2

Monitoring

Shawnee National Forest Resource Team - Region 9

Line Officer

William T. Bass - Forest Supervisor - Bighorn NF – Region 2

Friend of Fish

Barry Jones – Engineer – NF in North Carolina – Region 8

Partner

Wallowa Resources - Wallowa-Whitman NF – Region 6

Submitted By: David Schmid, WO/WFW/Fish

SOIL

Darlene Koerner - 2006 National Field Soil Scientist Recipient

The National Field Soil Scientist Award was established in 2000 to recognize field-going soil scientists who are leaders in protecting and managing soils on our national forests and grasslands. Awardees are strong advocates for the soil resource and effectively communicate the importance of the soil resource. They must demonstrate successful partnership with their cohorts as well as the public, and be able to substantiate their effectiveness on their respective administrative units. Darlene Koerner, Forest Soil Scientist, Ashley National Forest is the recipient of the 2006 National Field Soil Scientist Award. Congratulations Darlene! For additional information visit the [WFW Soil website](#).

Coming Events – Conferences & Meetings:

GENERAL/CROSS AREA

Transportation Research Board 87th Annual Meeting

Committee on Ecology and Transportation (& others)

Location: Washington D.C.

Dates: January 13-17, 2008 -

Call For Papers: Deadline - **August 1, 2008 || PAST DUE**

Information: www.trb.org/meeting

Contact: Joseph A. Burns, joseph_burns@fws.gov or 703-358-1712

Aspen Ecology and Management in California:

A Field Seminar for Non-Governmental Organizations

Location: Eagle Lake

Ranger District of the Lassen National Forest

Dates: September 12-13, 2007

Registration Date: August 20, 2007

Purpose: The Aspen Delineation Project (a partnership of USFS, BLM, and CDFG), the Sierra Forest Legacy, and the Lassen National Forest are hosting a two-day aspen ecology and management field seminar.

Information: www.aspensite.org/NGOWorkshop.html

Register: Send your name, address, email and affiliated organization to David Burton, Aspen Delineation Project, 2070 Orange Drive, Penryn California 95663, or peregrines@prodigy.net

Contact: David Burton, peregrines@prodigy.net or 916-663-2574

Submitted By: Jina Mariani, WO/WFW/Wildlife

TES – Threatened and Endangered Species

NatureServe Conservation Conference 2007

Location: Golden, Colorado

Dates: October 1-3, 2007

Registration

Information: www.natureserve.org/visitLocal/cons_conference2007.jsp

Submitted By: Marc Bosch, WO/WFW/TES

WILDLIFE

American Ornithologists' Union 125th Meeting

Location: University of Wyoming, Laramie, WY

Dates: August 8-11, 2007

Information: www.aou.org/meetings/2007/index.php3

2007 Joint Conference:

Raptor Research Foundation and Hawk Migration Association Of North America

Location: Allentown, Pennsylvania, hosted by Hawk Mountain Sanctuary Association.

Dates: September 12-16, 2007

Information: <http://raptorresearchfoundation.org/>.

(AFWA) Association of Fish and Wildlife Agencies' Meeting & National PIF Committee Meetings

The Changing Climate of Wildlife Management

The next meeting of the PIF Implementation Committee (IC) will be held immediately prior to the Association of Fish and Wildlife Agencies' (AFWA) annual conference.

Location: Louisville, KY at The Galt House

Dates: September 16-21, 2007

Early Registration: ends August 29, 2007

Information: www.fishwildlife.org/annualmeet.html

The Wildlife Society 14th Annual Conference

Location: Tucson, Arizona

Dates: September 22-26, 2007.

Information: www.wildlife.org/conference/index.cfm

2nd Michigan Bird Conservation Initiative Ornithological Congress

Location: University of Michigan Biological Station at Pellston

Dates: October 5-7, 2007

Information: www.mibci.org

National Association for Interpretation

Location: Wichita, Kansas

Dates: November 6-10, 2007

Information: www.interpnet.com/workshop

Ingestion of Spent Lead Ammunition: Implications for Wildlife and Humans

Conference promotes a better understanding of ingested spent lead ammunition as a source of lead exposure and to reduce its effect on wildlife and humans.

Location: Boise State University, Boise, Idaho by The Peregrine Fund

Dates: May 12-15, 2008

Information: www.peregrinefund.org/Lead_conference

The 4th International Partners In Flight Conference

Tundra to Tropics: Connecting Birds, Habitats and People, which will be shared with International Migratory Bird Day. The conference focus is international connections that further bird and habitat conservation throughout the Western Hemisphere.

Location: McAllen Convention Center in McAllen, Texas

Dates: February 13-16, 2008

Information: www.birdday.org

Submitted By: Jina Mariani, WO/WFW/Wildlife

OTHER STAFF & PARTNERS

Wildlife Habitat Council - 19th Annual Symposium || *Value of Green*



Celebrating 20 years in conservation, the Wildlife Habitat Council is hosting the 19th Annual Symposium, *The Value of Green*. Keynote Speaker, Daniel C. Esty, is the Hillhouse Professor of Environmental Law and Policy at Yale University and is the Director of the Yale Center for Environmental Law and Policy and the Center for Business and Environment. His book, *Green to Gold*, shows how companies generate lasting value--cutting costs, reducing risk, driving new revenues and creating strong brands--by building environmental thinking into their core business strategies.

Location: Baltimore, Maryland 21202 at the Hyatt Regency Baltimore

Dates: November 12-13, 2007

Information: [Symposium](#) [WHC Main Page](#)

Contact: symposium@wildlifehc.org

Submitted By: Vanessa Kauffman, WHC

Technical Information & Publications:

GENERAL/ACROSS AREAS

National FS Library Provides Society Journal Access!

One more step towards easier and “free” journal access – the National Forest Service Library (NFSL) has access to the following society journals. This is one of those things that seem like it should be easy to provide – but reality is the opposite. NFSL has pushed for this for years. Feedback always helps “service” oriented programs such as NFSL. If you appreciate society journal access (or their other services), take a moment and send kudos to Jim Reaves (WO/Associate Deputy Chief) and the NFSL staff.

- American Fisheries Society
- Ecological Society of America
- Society of American Foresters
- The Wildlife Society (also now available via DigiTop)

<http://fsweb.wo.fs.fed.us/library/>

Center for North American Herpetology – FREE Library

The Center for North American Herpetology Library (CNAH PDF Library) is “gratis”, providing access to over 630 downloadable titles from numerous journals and periodicals. The list is searchable by author, year date, journal, and subject.

CNAH PDF Library can be accessed at www.cnah.org/cnah_pdf.asp

Contact: Joseph T. Collins, Director, jcollins@ku.edu

Submitted By: Gail Tunberg, R3/WFRP

DigiTop – New CSIRO Journals

DigiTop is just a click away and has a few new journals – open to anyone on the USDA system.

- Australasian Plant Pathology
- Australian Journal of Agricultural Research
- Australian Journal of Botany

- Australian Journal of Chemistry
- Australian Journal of Experimental Agriculture
- Australian Journal of Soil Research
- Australian Journal of Zoology
- Australian Systematic Botany
- Emu: Austral Ornithology
- Environmental Chemistry
- Functional Plant Biology
- Historical Records of Australian Science
- International Journal of Wildland Fire
- Invertebrate Systematics
- Marine & Freshwater Research
- The Rangeland Journal
- Wildlife Research

** Remember – USDA employees, once you are on the USDA system (using a USDA computer) you can use “Google” or “Google Scholar” to search for specific articles or general topics. Saves on ‘clicking’ – it’s a good thing.***

Submitted By: Shelly Witt, WO/WFW/Continuing Education

PLANTS

NEW - Native Plant Notebook for Restoration

[Free & downloadable](#) - the Native Plant Notebook provides native plant collection, propagation, and use information. Written by Laura Potash (Martin) and Carol Aubry. Even though the notebook was developed for the Olympic NF/Region 6, much of the information applicable across the region.

[Olympic National Forest Native Plant Book](#) (PDF, 46 pages, 2.1 MB)

[Appendices - Olympic National Forest Native Plant Book](#) (PDF, 53 pages, 1.3 MB)

Submitted By: Laura Potash Martin, R6/Mt. Baker-Snoqualmie NF

WATERSHED

Low-Water Crossing Guide – Available Online!

The [Low-Water Crossings: Geomorphic, Biological, and Engineering Design Considerations](#) guide is available. The guide is a watershed program project from the USFS San Dimas Technology & Development Center, jointly supported by the Engineering staff. The guide is multi-disciplinary, including engineering, biological, and geomorphic aspects of low-water crossings. It focuses on how to select and design structures that least interrupt channel processes and aquatic species movements. It also summarizes basic engineering design requirements to best fit the structure to the site for long-term sustainability. The authors hope the book offers strategies and experience that will be useful in the on-going evolution of road-stream crossing design. The book is 350+ pages -- the 21 case studies take up 200 pages.

Download the guide at www.fs.fed.us/eng/pubs/ or [Downloadable 0625 1808P \(Downloads by chapter\)](#)

Click on Watershed, Soil and Air to see the list of WSA publications including LWX. Hard copies available. Contact: gtoyama@fs.fed.us

Submitted By: Sherry Hazelhurst, WO/WFW/Watershed

Ground Water Technical Guide (FS-881) - Available Online

The Ground Water Resource Management Technical Guide (FS-881) was published in May 2007. It is a reference for units and specialists as they begin characterizing their ground water resources and address projects and activities that could affect those ground water resources. It will not, however, replace appropriate ground water training or expertise. This document took a considerable amount of work on the part of a number of folks both inside and outside the Forest Service, under the inspiration and leadership of Steve Glasser of the WO Watershed staff and Jim Gauthier-Warriner of the WO Minerals and Geology staff (both of whom retired before it could be published). Though the authors and editors tried hard to ensure the document is comprehensive and error free, there may be some oversights or errors. If you identify mistakes or improvements for the second edition (tentatively scheduled for initiated in late 2009), please contact your regional ground water program lead with your suggestions.

Paper copies of the document are being sent through the regional ground water program leads to appropriate specialists in each SO. Each of the regional program leads will also be receiving a limited number of CD copies of the document for distribution. [Downloadable FS-881 \(PDF/9MB\)](#)

Submitted By: Chris Carlson, WO/WFW & Minerals/Geology

WILDLIFE

Meadow Birds in Precipitous Decline, Audubon Says

Full Story: www.audubon.org/bird/stateofthebirds/CBID/index.php

Excerpt:

Since 1967 the average population of the common birds in steepest decline has fallen by 68 percent; some individual species nose-dived as much as 80 percent. All 20 birds on the national Common Birds in Decline list lost at least half their populations in just four decades. The findings point to serious problems with both local habitats and national environmental trends. Only citizen action can make a difference for the birds and the state of our future.

Submitted By: Marc Bosch, WO/WFW/TES

Bighorn Sheep-Killing Bacteria Being Isolated

Article By: [Keith Ridler/Associated Press/July 6, 2007](#)

Washington State University researchers have isolated the bacteria that may have contributed to the deaths of thousands of bighorn sheep over the past 50 years. The research is not published at this time.

Submitted By: Marc Bosch, WO/WFW/TES

Training – Tools – Interesting Information:

Training

GENERAL/CROSS AREAS

Classification, Mapping and Inventory Integration for Forest Management Workshop

Vendor: Co-sponsored by USDA FS Remote Sensing Applications Center, the Forest Inventory and Analysis program, and the Forest Management and Ecosystem Management Coordination staffs

Location: Salt Lake City, Utah

Dates: **August 14-16, 2007** – hurry, it is just around the corner!

Purpose: discuss approaches to better integrate the vegetation classification, mapping, and inventory activities implemented throughout the Forest Service.

Information: (Internal FS Website) http://fsweb.rsac.fs.fed.us/CMI_Workshop/

Registration is free (FS employees), however participation is limited to 100.

Defensive Driving Course – Online – Free – In AgLearn

The Online Defensive Driving Course (Approved by WO Safety) is available in AGLEARN, and is free of charge for FS employees.

Go to AGLEARN www.aglearn.usda.gov

Log In; Choose the "Catalog" Tab; Under Catalog select Simple Catalog Search; Search for "National Safety Council OnLine Defensive Driving Course".

Select "Add to Learning Plan" button.

Choose the "Learning" Tab; Under Learning, select Learning Plan, and the Defensive Driving Course will be listed, and ready to launch. All the instructions posted in AgLearn. Upon completing this course, print the certificate, and provide a copy to your supervisor.

Submitted By: Rhonda Stewart, WO/WFW/Appeals & Litigation

Principles of Modeling for Conservation Planning and Analysis

Vendor: USDI FWS National Conservation Training Center (NCTC)

Locations & Dates: October 29 - November 2 in Atlanta, GA
December 10-14 at NCTC

Purpose: techniques and concepts of modeling for natural resource issues

Information: [Register online through DOI Learn.](#)

Contact: Donna Brewer, Curriculum Manager,
304/876-7451

SOIL

Soils Quality Monitoring Protocols Training - Success!

The Soil Quality Monitoring Protocols training session was held on the Clearwater NF. R-1 and the Rocky Mountain Research Station sponsored the training in Moscow, ID. The three-day training session was held May 1-3, 2007.



Field Trip –
Soils Quality Monitoring Protocols Training

Submitted By: Randy Davis, WO/WFW/Soils

WATERSHED

Geomorphic Road Assessment and Inventory Package (GRAIP) Workshop

Vendor: Rocky Mountain Research Station Boise Aquatic Sciences Lab in association with the Nez Perce Tribe, Utah State University and the Environmental Protection Agency.

Location: Boise, Idaho

Dates: September 18-20

Purpose: Using Geomorphic Road Assessment and Inventory Package. The GRAIP model has been successfully used to predict sediment impacts to streams with TMDL listings and with critical aquatic habitat.

Information: Tom Black, tblack@fs.fed.us

A detailed itinerary and course description will follow shortly.

**** No cost for the workshop besides travel. Space is limited - please respond early if you are interested in attending. ****

Submitted By: Sherry Hazelhurst, WO/WFW/Watershed

Understanding and Applying Environmental Flows

A comprehensive training on the development of environmental flows and the use of Integrated Hydrological Alteration software.

Vendor: The Nature Conservancy

Location: West Virginia

Dates: December 18 – 20, 2007

Information: www.nature.org/initiatives/freshwater/conservationtools/art21768.html

Submitted By: Sherry Hazelhurst, WO/WFW/Watershed

WILDLIFE

Shorebird Ecology and Management

Vendor: FWS National Conservation Training Center

Location: Bear River Migratory Bird Refuge, Brigham City, Utah

Dates: August 21-24, 2007

Purpose: Basics of how and why to integrate shorebird habitat considerations into wetland management planning.

Information: <http://training.fws.gov>

Submitted By: Jina Mariani, WO/WFW/Wildlife (all of the above)

Interesting Information GENERAL/CROSS AREAS

E.O. Wilson Featured on “Bill Moyers Journal

[Watch](#) || [Transcript](#) || [Comment](#)

Bill Moyers talks about the future of our planet with noted entomologist and father of sociobiology, E.O. Wilson. Dedicating his life to the exploration of life on Earth, E.O. Wilson is one of the world’s foremost authorities on biology. Bill Moyers Journal profiles the author of 25 Books and recipient of two Pulitzer Prizes, who speaks about what humankind needs to understand about the Earth to heal it and about his latest project The Encyclopedia of Life - a digital, online catalog of every single living species on the planet. “Every kid has a bug period...I never grew out of mine” – and so starts the interview.

E.O. Wilson also talks about how NatureServe is making a difference with biodiversity conservation – [available at the NatureServe website.](#)

Submitted By: Jolyn Wiggins, R1/WFRP

Tracking Invasive Species

[Utah State Today/July 5, 2007](#)

Statistician Mevin Hooten uses Hierarchical models to determine how invasive species and diseases spread and change over time and space. [Hierarchical Spatiotemporal Matrix Models for Characterizing Invasions](#), June 2007; Biometrics.

Cool Things the FS is Doing on the Web (Internal/External)

The list is amazingly long of the cool things various Forest Service web masters/administrators are doing to provide service and information. Kudos to these trailblazers pushing ahead despite the ‘Nay sayers’. Here are a few (not including our WFW “Find a Photo”, Webcams (air, eagle, salmon), NatureWatch (database driven) or online WFRP online Database):

Internal

FS “Wiki” - http://fswiki.wo.fs.fed.us/fswiki/sandbox/index.php/FSWiki:Community_Portal

FS “Wiki” on the FS WO/RO Transformation (seeking employee input)

http://apps.fs.usda.gov/wiki/transformation/index.php/Transformation_Project_Home

Week 1 Team’s Meeting Summary -

http://apps.fs.usda.gov/wiki/transformation/index.php/Latest_news:WeeklySummary1

External

[Alien Forests Pest Explorer](#)

[Recreation pages and interactive trail maps](#)

Ranchers’ Low Opinion of ESA and FS Employees

Rangeland Ecol Manage 60:136-145 | March 2007 Issue 2

Forest Service Grazing Permittee Perceptions of Endangered Species Act in Southeastern Arizona

Available to USDA employees in DigiTop.

This paper shows we still have a steep uphill climb to with permittees. The final paper paragraph (below) makes a suggestion how we might change.

“Finally, survey results imply that the messenger may be more important than the message in influencing permittee willingness to change behavior or innovate. Changes proposed by the FS or the FWS may be viewed with suspicion by permittees but may seem more credible coming from another permittee (Bright and Manfredo 1993; Weeks and Packard 1997). This finding echoes those reported by Fernandez-Gimenez et al. (2005a), who found that permittees viewed fellow ranchers as the most reliable source of information on rangelands and the FS as among the least credible sources. Agencies should consider collaborative recovery pilot projects with willing permittees and use them as education and outreach tools to influence more skeptical or cautious operators.”

Submitted By: Dr. Brett Roper, WO/WFW/FAEU

Supreme Court Ruling: ESA Takes Back Seat to Clean Water Act

[Associated Press; By Mark Sherman | June 25, 2007](#)

Excerpt: The court ruled 5-4 for home builders and the Environmental Protection Agency in a case that involved the intersection of two environmental laws, the Clean Water Act and the Endangered Species Act. Justice Samuel Alito, writing for the conservative majority, said the endangered species law takes a back seat to the clean water law when it comes to the EPA handing authority to a state to issue water pollution permits. Developers often need such permits before they can begin building.

The cases are National Association of Home Builders v. Defenders of Wildlife, 06-340, EPA v. Defenders of Wildlife, 06-549.

Submitted By: David Pivorunas, WO/WFW/TES

Pollinators – In the News! National Pollinator Week – June 24 - 30

- [Oversight Hearing on “The Birds and the Bees: How Pollinators Help Maintain Healthy Ecosystems”](#) – webcast; Four separate bills introduced to further pollinator conservation.
- [New Monarch Website](#): The website is a joint project between the U.S. Forest Service, U.S. Fish and Wildlife Service, the National Park Service, Bureau of Land Management, and the North American Pollinator Protection Campaign.
- ***Status of Pollinators in North America*** by the National Research Council/National Science Foundation; Dr. May Berenbaum. National Pollinator Week was opened with Dr. Berenbaum presenting a lecture based on the recently completed report.
- **Dr. E.O. Wilson lectured on pollinator importance.** The Forest Service and the North American Pollinator Protection Campaign sponsored the lecture and reception.
- [U.S. Fish and Wildlife Service debuts Pollinator Portal](#)
- [New Pollinator Postage Stamps Released Friday, June 29th](#)
- [Crop Art Promoting Pollinators](#): artist Stan Herd is teaming up with the Pollinator Partnership to create a half-acre crop art replica of the U.S.P.S. Southern Dogface butterfly stamp, one of the stamps in the new Pollination series being released during National Pollinator Week.
- **New USFS Pollinator Display in Visitor Center** - Forest Service Chief Abigale Kimbell opened a new display about pollinators and Celebrating Wildflowers

during 'National Pollinator Week' (June 24 – 30). The Chief presented an award to Laurie Davies Adams of the National Pollinator Protection Campaign in honor of her leadership in the conservation of pollinators and for her work with the Forest Service in signing a memorandum of understanding between the two organizations. The Chief also received an award for the Forest Service leadership in management of pollinators.



Laurie Davies Adams and Chief Kimbell open new pollinator display in the USFS Washington DC Visitor Center.

Submitted By: David Pivorunas & Jina Mariani,
WO/WFW/TES & Wildlife

**2006 National Survey of Fishing, Hunting and Wildlife
Associated Recreation**
Issued May 2007

Page 4, first paragraph - "one out of every one hundred dollars of all goods and services produced in the U.S. is associated with wildlife recreation". This equates to 120.1 billion, 1% of gross national product.

Tables 10 and 12 are interesting. Angling and hunting are down significantly over the past 10 years, and wildlife watching is up significantly - BUT that increase is entirely from "around the home" wildlife watching participants.

Table 12 is obtuse: the \$75 billion Sportspersons figure does include \$11 billion spent on both hunting and fishing (but the Table does not include those dollars in the table's line items). And the Wildlife Watching totals in the table are NOT included in the "Total Sportspersons" figures.

Total Sportspersons expenditures - ~ \$75 billion
Total Wildlife Watcher expenditures - ~ \$45 billion
Total: \$120 billion

From website: "Sportspersons spent a total of \$75 billion in 2006—\$41 billion on fishing, \$23 billion on hunting, and \$11 billion on items used for both hunting and fishing. Wildlife watchers spent \$45 billion on trips, equipment, and other items."

Submitted By: Marc Bosch & Jina Mariani, WO/WFW/TES & Wildlife

No Child Left Inside Act of 2007

The requirements of the No Child Left Behind Act (NCLB) have many schools scaling back or eliminating environmental education programs and even recess. Congressman John Sarbanes (D-MD) has introduced the No Child Left Inside Act (NCLI) of 2007 (H.R. 3036) to amend NCLB.

The language in the No Child Left Inside Act of 2007 (NCLI) recommends including environmental education initiatives in NCLB by:

- Providing incentives for state educational agencies to create a State Environmental Literacy Plan for integrating environmental education into their K-12 curriculum to ensure that graduates are environmentally literate.
- Providing funding to help states, schools systems, and environmental education partners to implement the State Environmental Literacy Plan.

- Creating opportunities to improve teacher training, including field-based training in environmental education and connecting children with nature.

Submitted By: Marc Bosch, WO/WFW/TES

AQUATIC

Region 9's: USFS Success Story Reporting System on the FSWeb (FS intranet)

Partnering to Improve Fish Habitat in Crane Lake – Circular cages protect aquatic plants being established in Crane Lake on Mark Twain National Forest.

By: Lynda Mills

"So, what are all those cages in the lake for?" "You guys trappin' fish?"

This is a common question these days for folks who visit Crane Lake on the Fredericktown District of the Mark Twain National Forest. Looking out across the tranquil setting, one easily observes dozens of circular cages protruding from the lake's surface.



But, contrary to popular belief, these are not fish cages. Rather, they are intended to do the opposite; these cages are meant to keep fish out rather than in.

Crane Lake is a 99-acre US Forest Service lake located in Iron County, Missouri. Its remoteness as well as the natural beauty of the surrounding forested 'hills' makes the lake a very popular fishing destination for both local anglers as well those who travel from as far as the St. Louis area.

In addition to caging plants another noteworthy project done between the two agencies was the replacement of the boat ramp at Crane Lake.

Together, the Forest Service and MDC hope that their efforts will allow Crane Lake to reach its full potential and that one day, it will be considered an "optimum" fishing location on the Mark Twain National Forest. While some may say that two heads are better than one, when it comes to improving fish habitat at Crane Lake, this partnership has proven that two agencies are definitely better than one!

For the full story on Crane Lake visit [Region 9's: USFS Success Story Reporting System](#).

Shawnee NF's Fish Tales 2006 Wins Stewardship Award

The Shawnee NF's Fish Tales 2006 program won the National Natural Resources/Environmental Stewardship Award. The National Association of Extension 4-H agents nominated the Shawnee. The award will be presented October 25 in Atlanta, GA.

Approximately 300 underserved youths attended the eight two-day Fish Tales camps in June 2006. The Fish Tales program is currently in its seventh season and in prior years this successful program has won local, regional and national awards. The goal of the

program, to reach underserved youth and introduce them to environmental education and land stewardship, has been accomplished each year making this a perfect example of connecting young citizens to the land and teaching them about walking the talk of sustainability.

Valuable partners include: University of Illinois Extension Office; Shawnee Community College; Illinois Department of Natural Resources; Southernmost Illinois Delta Empowerment Zone; Southern Illinois University-Kids Academy and Timberline Fisheries are challenge cost share partners. Others instrumental partners include: State of Illinois summer lunch program for children with lunches prepared by the First Methodist Church of Vienna; U. S. Fish and Wildlife Cypress Creek National Wildlife Refuge for providing environmental education program tools; and Wal-Mart for donating fishing supplies and boxes.

Shawnee National Forest Hosts 2007 Hutton Scholar

By: Mike Welker

For the third time since 2000 a local Junior Fisheries Biology Program scholar will join the Forest's summer workforce. Shane Hilliard was chosen as one of 36 students in the nation to participate in the 2007 Hutton Junior Fisheries Biology Program, an innovative education program sponsored by the American Fisheries Society. Hilliard, a high school student from Marion, Williamson County, Illinois, who just



completed his junior year, will be working this summer with Mike Welker, a fisheries biologist with Shawnee National Forest Supervisor's Office in Harrisburg, Illinois. He will also be awarded a scholarship from the American Fisheries Society. Given the limited number of scholarships nationwide, this is a tremendous honor and opportunity for high school students and for the Forest.

A large part of Shane's summer will be spent assisting biologists with fisheries and habitat surveys of the many streams on the Forest. He will also be assisting with fish stocking, habitat enhancement and access improvement at Forest ponds, which helps create and maintain family-type fisheries. Other interesting projects in which Shane will participate include surveys of rare mussels and crayfish, problems associated with fish passage at low water crossings and new trail construction at stream crossings. Participation in these projects will give Shane a diverse work experience and better prepare him for his future college education and ultimately a career in resource conservation.

Wayne NF Hosted 2 Outstanding 2007 National Fishing & Boating Week Events

By: Becky Ewing

Leith Run Fishing & Fun Day /June 9th

Fishing took place on the Ohio River (148 kids and 112 adults attended). The shoreline was crowded and the parents were kept very busy untangling lines or unsnagging hooks! We had a beautiful day, slow fishing (5 fish!), but many other educational activities for the kids hosted by our partners (The Ohio River Islands Refuge's "Catch a Question" game, Fly Tying with Mike Freidhof, "Water Jeopardy" with Friends of the Lower Muskingum, and a casting contest). Everyone got fed a free hotdog lunch and went away with some cool prizes (donated by our partners).



Lake Vesuvius Fishing & Fun Day/June 16th

Fishing took place at the newly renovated lake ... it was the first kids fishing event since the lake was drained in 2001 and the crowd was impressive (172 kids and 128+ adults). Over 300 people attended. The fish were small, but they were biting! The weather was hot, so some families took advantage of the swimming beach and fished for a while and then swam. The OUS Nature Center put on an educational snake show while the fishing and casting contest winners were being tallied. Likewise, everyone was served a free hotdog lunch by the Kiwanis and many prizes were given out to the kids (donated by our partners).



During both events I heard such positive feedback. Parents were very appreciative that we hold these events for the kids, and I was seeing many new families this year.

Favorite Stories:

(1) One boy at the Vesuvius event was 5 the last time it was held (in 2000). He had won some prizes, but the family's house had burnt down before he got a chance to use his new rod/reel and tackle box. He is now 12 and won a new rod/reel at this year's event.

(2) The family of one of our SCSEP workers who passed away last year held a big reunion so they could come out and fish with all the grandkids because that's what Delbert would have been doing if he was still around. These kinds of things make all the hard work worth it, as does seeing the kids catch their first fish.



Submitted By: Nick Schmal, USFS/R9/WFRPR

Edited for space limits.

Region 9's: [USFS Success Story Reporting System](#) on the FSWeb (FS intranet) open to all the USFS – submit your "Success Story"

TES - Threatened, Endangered and Sensitive Species

Kirtland's Warbler Nest Found in Wisconsin

USDI FWS

[Excerpt from news release](#) June 14, 2007

[Hear the Kirtland's Warbler's call](#)

Discovery of Rare Bird Nest is Cause for Celebration

Scientists and bird lovers are celebrating a milestone in the recovery of a highly endangered songbird as an active Kirtland's warbler nest was discovered on private property in Wisconsin, the U.S. Fish and Wildlife Service announced today.

The tiny Kirtland's warbler, whose distinctive mating call can be heard up to a quarter of a mile away, lives primarily in jack pine forests in the northern lower peninsula of Michigan. However, the species has been seen in recent years in other areas, including Wisconsin, Ontario and the Upper Peninsula of Michigan.

The nest was discovered by a birder who found the first Kirtland's warblers in the area several weeks ago. Recognizing the significance of the discovery, this private citizen came forward and has been assisting the Fish and Wildlife Service and Wisconsin Department of Natural Resources in documenting the presence of Kirtland's warblers in the state.

Submitted By: Marc Bosch, WO/WFW/TES

FWS Releases Bald Eagle Guidelines

Eight years after President Clinton proposed to delist the bald eagle because of recovery progress, it finally happened this year. Over that past four decades much habitat improvement, and habitat quality protection, has benefitted the bald eagle, and at the same time benefitted numerous other species that depend on ecosystems used by the eagle.

The Forest Service actively contributes to bald eagle recovery since it was listed in the lower 48 states under the ESA in 1967. For example, during the eight years from 1999 through 2006, the Forest Service annually invested an average \$1,056,000 for bald eagle conservation and recovery. In FY06 we did 122 habitat management, monitoring and educational projects to benefit the bald eagle, 58 of which were partnership projects.

Guidelines

Final Rule on definition of "disturb", applicable to both bald and golden eagles, effective 5 July 2007:

[Final Rule](#) – Protection of Eagles; Definition of "Disturb"

[Notice of availability: Final environmental assessment](#)

The following definition of "disturb" will be codified in regulations at 50 CFR 22.3:

"Disturb means to agitate or bother a bald or golden eagle to a degree that causes, or is likely to cause, based on the best scientific information available, (1) injury to an eagle, (2) a decrease in its productivity, by substantially interfering with normal breeding, feeding, or sheltering behavior, or (3) nest abandonment, by substantially interfering

with normal breeding, feeding, or sheltering behavior.” From draft to final rule, the clause "or is likely to cause," has been added.

[Final Rule - Delist the bald eagle and officially declare it recovered.](#)

[FWS Bald Eagle web site, including an FAQ](#)

[Forest Service report on projects done in FY06 supporting bald eagle recovery](#)

Submitted By: Marc Bosch, WO/WFW/TES

WILDLIFE

House Chairman Pushes Tougher Regulation for Wind Industry

[June 04, 2007 — By Mary Clare Jalonick, Associated Press](#)

Excerpt: Rep. Nick Rahall, chairman of the House Natural Resources Committee, is pushing legislation that would more strictly regulate wind energy to protect birds, bats and other wildlife killed when they fly into the giant turbines.

[Audubon Society Testimony](#)

Submitted By: Marc Bosch, WO/WFW/TES; Jina Mariani, WO/WFW/Wildlife

Department of Energy's Wind Energy Website

www.eere.energy.gov/windandhydro/federalwindsiting

The Federal Wind Siting Information Center is part of the federal government's effort to support the increased deployment of wind energy facilities on public, private, and tribal lands, airspace, and offshore. This site is a resource for information on the siting of wind turbines and the [Federal Interagency Wind Siting Collaboration](#), an interagency collaboration formed to support the increased deployment of wind energy.

Submitted By: Jina Mariani, WO/WFW/Wildlife

Partners In Flight Newsletter - July Issue

- [2007 PIF Awards - Call for Nominations](#)
- [Bird Education Working Group](#)
- [PIF Science Committee](#)
- [New Audubon Report: Common Birds in Decline](#)
- [Proceedings of the Cerulean Summing, 13-15 February 2007](#)
- and more...

[Access all the PIF newsletters](#) (Note: April 2007 issue is missing)

Submitted By: Jina Mariani, WO/WFW/Wildlife

Refuge Friends Group Grants

Excerpt: PIF/April 2007

Proposals Due: September 4, 2007

The National Fish and Wildlife Foundation announced the opening of the 2007 Refuge Friends Group Grant Cycle. Learn about what kind of grant might be right for you if you are a new group be sure to read about Start Up Grants. For established groups, learn about grants to build capacity or to complete a specific project. Final funding decisions will be announced November 22, 2007.

Online Information

Submitted By: Jina Mariani, WO/WFW/Wildlife

Earth Portal – NCSE

The National Council for Science and the Environment (NCSE) has launched “Earth Portal” (www.EarthPortal.org). Earth Portal is a free and dynamic resource for science-based information about the environment built by a global community of environmental experts: educators, physical, life, and social scientists, scholars, and professionals.

Earth Portal is created and governed by individuals and organizations putting their names behind their words and where attribution and expert-review for accuracy are fundamental. Earth Portal includes:

Encyclopedia of Earth (www.eoearth.org)

Earth News (www.earthportal.org/news)

Earth Forum (www.earthportal.org/forum)

Environment in Focus (www.earthportal.org/?page_id=70)

Submitted By: Jina Mariani, WO/WFW/Wildlife

Millions Watch Birds Annually

According to the U.S. Forest Service, 70 million Americans go out at least once a year to watch birds.

Stated on this website: www.walkerbooks.com/books/catalog.php?key=537

Submitted By: Jina Mariani, WO/WFW/Wildlife

Vacancies/Employment Opportunities

Federal job announcements can be found at:

http://jobsearch.usajobs.opm.gov/agency_search.asp

Vacancy: Wildlife Biologist – South Lake Tahoe

GS-486-9/11 at South Lake Tahoe

Vacancy Announcement: ADS07-R5-LTBSO-02466DP (public) and ADS07-R5-LTBSO-02466G (merit promotion). Outreach is running concurrently.

http://jobsearch.usajobs.opm.gov/agency_search.asp

Vacancy: Geospatial Service and Technology Center' (GSTC) - 5 position

- Information Technology Specialist (INET) GS-2210-11 (Web Information Specialist) - 1 position
Note: because the Center achieved HPO status, the 2210-INET positions are exempted from the current Communications functional A76 study.
- Physical Scientist GS-1301-11, or Biological Scientist GS-0401-11 (Technology Analyst) – 2 positions
- Physical Scientist GS-1301-11, or Biological Scientist GS-0401-11 (Application Specialist) – 2 positions

Contact: Jim Duncan at (801) 975-3732 or email at jimduncan@fs.fed.us

Vacancy: Wolf Creek and Flatwoods Civilian Conservation Centers

Center Director - GS-0340-13; Glide, Oregon

Closes: August 10, 2007

Contact: Sharon Dehart, sdehart@fs.fed.us or 303-236-9930

Center Director – Flatwoods Job Corps Center; Coeburn, Virginia

Deputy Center Director – Flatwoods Job Corps Center; Coeburn, Virginia

Closes: August 10, 2007

Contact: Louis Black, lblack01@fs.fed.us or 303-236-9951

Outreach: Aviation Management Specialist/FAM - WO

GS-2101-12/13

Fire & Aviation Management staff in Washington DC

Contact: Marc Rounsaville, 202-205-2496

Outreach: Congressional-Legislative Affairs Liaison/PAO – R8 Atlanta

GS-0301-13

Posted in the Lotus Notes OutReach database.

Public Affairs Unit in Atlanta, Georgia.

Contact: Stephanie Neal Johnson, Public Affairs Director, 404-347-7226 or snjohnson@fs.fed.us.

Outreach: Supervisory Wildlife Biologist on Sisters RD/Deschutes NF

GS-486-?

Responded by August 17th.

Contact: Robert Flores, 541-549-7705 or rflores@fs.fed.us

Outreach: Supervisor Natural Resource Specialist

GS-401-15, State & Private Forestry; Atlanta, GA

Respond by August 15, 2007

Contact: Owedia Gray, 404-347-4569 or ogray@fs.fed.us

WFW Newsletter Contact Information: Disclaimer – Non Discrimination Statement

WFW Newsletter is a monthly newsletter without a clever name and is provided by the National Forest System Watershed-Fish-Wildlife-Air-Rare Plants staff (including Soils and Meteorology) of the USDA Forest Service. Contributions are welcome and should be submitted to Netta Grant at agrant@fs.fed.us or your favorite Program Leader no later than the 20th of each month. We reserve the right to edit contributions for clarity and brevity. Emphasis on brevity. Links to detailed URLs or documents are great – include them in your information contribution. If photos are included in your submission please provide alternative text with each photo. Alternative text should not repeat captions but describe the scene shown in the photo.

If brevity and clarity are a struggle for you, we recommend the "[Plain & Simple! Document Writing](#)" workshop instructed by Dr. Jud Monroe.

Vacancy Positions listed are for outreach purposes only and are not full announcements. Interested individuals should contact the units referenced or consult the [USAJOBS website](#).

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