

# Fish and Wildlife Reference Service Newsletter

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## The National Shooting Sports Foundation's SCHOLASTIC CLAY TARGET PROGRAM: A Program to Aid Recruitment and Retention Efforts

The National Shooting Sports Foundation's (NSSF) **Scholastic Clay Target Program (SCTP)** will introduce more shooters to state hunter education programs, state youth hunting programs, ***Becoming an Outdoors Woman*** (BOW) programs and NSSF's ***Step Outside Program***. This youth development program, co-sponsored by the NSSF, the Amateur Trapshooting Association, the National Skeet Shooting Association, and the National Sporting Clays Association, focuses on providing young people with a positive experience in sports. It is designed to emphasize the values of sportsmanship, responsibility, self-discipline, and commitment.

- Program Goals:**
- SAFE and Responsible Handling and Use of Firearms
  - Character and Citizenship Development through Teamwork
  - Introduction to a Lifetime Sport that Families can Enjoy Together

In addition to learning safe and responsible handling of firearms, SCTP participants discover the joy of contributing to a shared team goal and the commitment that goes along with it. Youth from the elementary grades through high school are eligible to participate in these safe, sanctioned, and nationally recognized clay target sports (trap, skeet and sporting clays) which provide competitive opportunities for SCTP teams.

Participation in the SCTP is team-oriented, and requires that one be a member of a team. Each team, lead by an adult coach, must register with the SCTP National Program Office. The Basic Competitive Unit is the SQUAD. For Trap and Skeet the minimum squad size is five; for Sporting Clays it is four. Teams must have at least one full squad to become an officially recognized SCTP team. There is no upper limit to the number of members on a team or to the number of squads a team may field.

**Competitive Divisions** are **Rookie Division** (5<sup>th</sup> graders and below), and Novice and Experienced Categories in the **Junior** (6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> graders) and **Senior** (9<sup>th</sup> – 12<sup>th</sup> graders) Divisions. Awards are presented to the starting members of the top three squads in each Division and Category at the SCTP State and National Championships. A total of \$69,000 in scholarships will be awarded at the National Championships.

A limited number of **Program Support Packages** are available to help qualifying new teams get started. These packages include: ammunition, targets, eye and ear protection, and shell pouches.

**Contact Information:** Complete information on eligibility, registration procedures, awards and more can be found in the ***Scholastic Clay Target Program's OFFICIAL HANDBOOK –2003.***

(continued on page 6)

## NEW REPORTS

### MAMMALS



1. **Effects of Male Age and Female Nutritional Condition on Elk Reproduction.** Noyes, J.H., et al. *J. of Wildl. Manage.* 2002. pp. 1301-1307 (7 pp.). Vol. 66, No. 4. /1 mf/. MIN 360320098
2. **Body Mass and Lipid Changes by Hibernating Reproductive and Nonreproductive Black Bears (*Ursus americanus*).** Harlow, H.J., et al. *J. of Mammal.* 2002. pp. 1020-1025 (6 pp.). Vol. 83, No. 4. /1 mf/. MIN 800320099
3. **Effects of Temporary Bait Sites on Movements of Suburban White-tailed Deer.** Kilpatrick, H.J.; Stober, W.A. *Wildl. Soc. Bull.* 2002. pp. 760-766 (7 pp.). Vol. 30, No. 3. /1 mf/. MIN 060320100
4. **Test of a Habitat Suitability Index for Black Bears in the Southern Appalachians.** Mitchell, M.S.; Zimmerman, J.W.; Powell, R.A. *Wildl. Soc. Bull.* 2002. pp. 794-808 (15 pp.). Vol. 30, No. 3. /1 mf/. MIN 320320101
5. **Temporal Habitat Partitioning and Spatial Use of Coyotes and Red Foxes in East-Central Illinois.** Gosselink, T.E., et al. *J. of Wildl. Manage.* 2003. pp. 90-103 (14 pp.). Vol. 67, No. 1. /1 mf/. MIN 120320102
6. **Efficacy of Translocation to Control Urban Deer in Missouri: Costs, Efficiency, and Outcome.** Beringer, J., et al. *Wildl. Soc. Bull.* 2002. pp. 767-774 (8 pp.). Vol. 30, No. 3. /1 mf/. MIN 240320103
7. **Predator Activity Related to Landscape Features in Northern Iowa.** Kuehl, A.K.; Clark, W.R. *J. of Wildl. Manage. Paper J-19402, IA Agric. and Home Econ. Exper. Sta.* 2002. pp. 1224-1234 (11pp.). Vol. 66, No. 4. /1 mf/. MIN 140320104
8. **Survival and Cougar Predation of Translocated Bighorn Sheep in Arizona.** Kamler, J.F., et al. *J. of Wildl. Manage. Publication T-9- 903, TX Tech Univ., Coll. of Agric. Sci.* 2002. pp. 1267-1272 (6 pp.). Vol. 66, No. 4. /1 mf/. MIN 030320105
9. **Effects of Open-Entry Spike-Bull, Limited-Entry Branched-Bull Harvesting on Elk Composition in Washington.** Bender, L.C., et al. *Wildl. Soc. Bull.* 2002. pp. 1078-1984 (7 pp.). Vol. 30, No. 4. /1 mf/. MIN 460320106
10. **A Mixed Regression Model to Estimate Neonatal Black Bear Cub Age.** Bridges, A.S.; Olfenbittel, C.; Vaughan, M.R. *Wildl. Soc. Bull.* 2002. pp. 1253-1258 (6 pp.). Vol. 30, No. 4. /1 mf/. MIN 450320107
11. **Canada Lynx (*Lynx canadensis*) in the Northern Appalachians: Current Knowledge, Research Priorities, and a Call for Regional Cooperation and Action.** Ray, J.C.; Organ, J.F.; O'Brien, M.S. *Wildl. Conserv. Soc.; U.S. Fish and Wildlife Service; IAFWA. Report of a meeting held in Portland, ME.* 2002. 24 pp. /1 mf/. MIN 800380033
12. **The Pygmy Rabbit from Utah to Montana: Pygmy Rabbit Habitat in Montana.** Janson, R.G. *MT Coop. Wildl. Res. Unit.* 2002. 46 pp. /1 mf/. MIN 250330004

13. **Effects of Coyotes on Distribution, Productivity, and Survival of Swift Foxes in the Texas Panhandle.** Ballard, W.B. *Final Report. Ph.D. Dissert. Texas Tech Univ.* 2002. 118 pp. /2 mf/. MIN 420330005

### BIRDS



14. **Genetic Methods for Determining Racial Composition of Canada Goose Harvests.** Scribner, K.T., et al. *J. of Wildl. Manage.* 2003. pp. 122-135 (14 pp.). Vol. 67, No. 1. /1 mf/. MIN 210320112
15. **Estimation of Greater Sage-Grouse Survival in North Park, Colorado.** Zablan, M.A.; Braun, C.E.; White, G.C. *J. of Wildl. Manage.* 2003. pp. 144-154 (11 pp.). Vol. 67, No. 1. /1 mf/. MIN 050320113
16. **Effects of Wheat-Stubble Height and Weed Control on Winter Pheasant Abundance.** Rodgers, R.D. *Wildl. Soc. Bull.* 2002. pp. 1099-1112 (14 pp.). Vol. 30, No. 4. /1 mf/. MIN 150320114
17. **Using Breeding Land Birds in the Assessment of Western Riparian Systems.** Rich, T.D. *Wildl. Soc. Bull.* 2002. pp. 1128-1139 (12 pp.). Vol. 30, No. 4. /1 mf/. MIN 800320115
18. **Call-Response Surveys to Monitor Marsh Bird Population Trends.** Lor, S.; Malecki, R.A. *Wildl. Soc. Bull.* 2002. pp. 1195-1201 (7 pp.). Vol. 30, No. 4. /1 mf/. MIN 310320116
19. **Effects of Subcutaneous Transmitters on Reproduction, Incubation Behavior, and Annual Return Rates of Female Wood Ducks.** Hepp, G.R.; Folk, T.H.; Hartke, K.M. *Wildl. Soc. Bull.* 2002. pp. 1208-1214 (7 pp.). Vol. 30, No. 4. /1 mf/. MIN 800320117
20. **Endangered and Threatened Species Conservation: An Assessment of Potential Reintroduction Sites for the Attwater's Prairie Chicken.** Johnson, L.A. *Final Report.* 2002. 74 pp. /1 mf/. MIN 420380038
21. **Small Game Management: Lesser Prairie Chicken Management (Project 3).** Davis, D. *Final Report.* 2002. 36 pp. /1 mf/. MIN 300380039
22. **Effects of Nest Site, Habitat, and Edge on Songbird Nest Success in Fragmented Floodplain Forests.** Fessler, T.E. *M.S. Thesis. Univ. of MO-Columbia.* 2001. 62 pp. /1 mf/. MIN 240330006
23. **Application of Logistic Regression Analysis of Proportional Hazard Modelling for Investigating Relationships Between Habitat and Population Dynamics of Bobwhite Quail.** Call, E.M. *M.S. Thesis. Univ. of MO-Columbia.* 2002. 90 pp. /1 mf/. MIN 240330007
24. **Factors Affecting Avian Species Richness, Density, and Nest Success in Riparian Corridors.** Peak, R.G. *M.S. Thesis. Univ. of MO-Columbia.* 2002. 84 pp. /1 mf/. MIN 240330008
25. **Effect of Lake Characteristics and Human Disturbance on Lacustrine Habitat Selection by Piscivorous Birds in Northern Wisconsin.** Newbrey, J.L. *M.S. Thesis. Univ. of WI-Stevens Point.* 2002. 132 pp. /2 mf/. MIN 480330009

26. **Waterbird Use of Lower Missouri River Floodplain Wetlands.** McColpin, A.C. M.S. Thesis. Univ. of MO-Columbia. 2002. 270 pp. /3 mf/. MIN 240330010

27. **Distribution and Abundance of Resident and Migrant Songbirds in Wetland Forests of the Upper Mississippi Alluvial Valley.** Papon, S.G. M.S. Thesis. Univ. of MO-Columbia. 2002. 404 pp. /5 mf/. MIN 240330011

## FISH

28. **Interpreting Maturation Data for American Shad in the Presence of Fishing Mortality: A Look at Historical Data from the York River, Virginia.** Maki, K.L.; Hoenig, J.M.; Olney, J.E. N. Am. J. of Fish. Manage. 2002. pp. 1209-1217 (9 pp.). Vol. 22. /1 mf/. MIN 450310073

29. **Factors Influencing Recruitment of Crappies in Chautauqua Lake, New York.** McKeown, P.E.; Mooradian, S.R. N. Am. J. of Fish. Manage. 2002. pp. 1385-1392 (8 pp.). Vol. 22. /1 mf/. MIN 310310074

30. **A Simple Procedure to Evaluate Salmon Escapement Trends that Emphasizes Biological Meaning Over Statistical Significance.** Geiger, H.J.; Zhang, X. AK Fish. Res. Bull. 2002. pp. 128-134 (7 pp.). Vol. 9, No. 2. /1 mf/. MIN 500310075

31. **Metapopulation Extinction Caused by Mutation Accumulation.** Higgins, K.; Lynch, M. Proc. of the Nat. Acad. of Sci. 2001. 7 pp. /1 mf/. MIN 800310076

32. **An Assessment of Trout Fry and Fingerlings Stocked in Small Southern Maine Streams.** Boland, J.; Brautigam, F.; Pellerin, J. ME Dept. of Inland Fish. and Wildl. Final Report No. 02-1. 2002. 44 pp. /1 mf/. MIN 180340020

33. **Fishery Management Plan for Arctic Grayling Sport Fisheries along the Nome Road System, 2001-2004.** DeCicco, F. AK Dept. of Fish and Game. Fishery Manage. Report No. 02-03. 2002. 24 pp. /1 mf/. MIN 500340021

34. **Re-Establishing Native Brook Trout Communities in Wisconsin Streams.** Avery, E.L. WI DNR. Final Report. 2002. 56 pp. /1 mf/. MIN 480340022

35. **The Marine Resources of Salem Sound, 1997.** Chase, B.C.; Plouff, J.H.; Castonguay, W.M. MA Div. of Marine Fisheries. Tech. Report TR-6. 2002. 156 pp. /2 mf/. MIN 200340023

36. **Lost, A Desert River and Its Native Fishes: A Historical Perspective of the Lower Colorado River.** Mueller, G.A.; Marsh, P.C. USGS. Infor. and Tech. Report USGS/BRD/ITR-2002-0010. 2002. 80 pp. /1 mf/. MIN 800340024

37. **Endangered and Threatened Species Conservation: Monitoring Effects of a Renovation Project on Endangered Fish and Invertebrates in Diamond Y Draw.** Echelle, A.A.; Echelle, A.F.; Kiner, L. TX Parks and Wildl. Dept. Final Report. 2002. 68 pp. /1 mf/. MIN 420340025

38. **Examining the Decline of Narragansett Bay Winter Flounder.** Collie, J.S.; DeLong, A.K. RI Div. of Fish and Wildl. Final Report. 2002. 100 pp. /2 mf/. MIN 380340027

39. **Evaluating Fish-Habitat Relations, Fish Distribution, and Effects of Dam Removal in the Baraboo River, Wisconsin.** Catalano, M.J. M.S. Thesis. Univ. of WI-Stevens Point. 2002. 162 pp. /2 mf/. MIN 480350003

40. **Quantifying Linkages Between Riparian Shading, Water Temperature, and Energetics of Smallmouth Bass and Crayfishes in Ozark Streams.** Whitley, G. Ph.D. Dissert. Univ. of MO-Columbia. 2001. 150 pp. /2 mf/. MIN 240350004

41. **The Effects of Endocrine Disrupting Chemicals on the Sexual Development of Fish.** Papoulias, D.M. Ph.D. Dissert. Univ. of MO-Columbia. 2001. 220 pp. /3 mf/. MIN 240350005

## RECOVERY PLANS

42. **Final Revised Recovery Plan for the Southern Sea Otter (Enhydra lutris nereis).** DeMaster, D., et al. USFWS. 2002. 180 pp. /2 mf/. MIN 800080018

## HUMAN DIMENSIONS

43. **Designing Stakeholder Involvement Strategies to Resolve Wildlife Management Controversies.** Chase, L.C.; Siemer, W.F.; Decker, D.J. Wildl. Soc. Bull. 2002. pp. 937-950 (14 pp.). Vol. 30, No. 3. /1 mf/. MIN 800320108

44. **Wolf-Human Interactions in Alaska and Canada: A Review of the Case History.** McNay, M.E. Wildl. Soc. Bull. 2002. pp. 831-843 (13 pp.). Vol. 30, No. 3. /1 mf/. MIN 800320109

45. **Informing the Planning Process Through Citizen Participation.** Lauber, T.B.; Chase, L.C.; Decker, D.J. Oregon State Press. Chapter 7: In Wildlife Viewing: A Management Handbook. M.J. Manfredo (Ed.) 2002. pp. 124-142 (19 pp.) /1 mf/. MIN 800320110

46. **Public Attitudes Toward Wildlife and Its Accessibility: Implications of Gender Differences for Citizen Participation Programs in Wildlife Management Decision Processes.** Anthony, M. Cornell Univ., Human Dimen. Research Unit. HDRU Series No. 02-5. "*Gender Differences and Citizen Participation in Wildlife-Related Decision-Making Processes*". 2002. 102 pp. /2 mf/. MIN 310380034

47. **Economic Importance of Hunting in America.** IAFWA. 2003. 12 pp. MIN 800380035

48. **Missouri Landowner Attitudes Toward Deer and Deer Population Management: Landowner Attitude Survey.** Hansen, L., et al. Final Report. 2002. 40 pp. /1 mf/. MIN 240380036

49. **Sportfishing in America: Values of Our Traditional Pastime.** American Sportfishing Assoc. 2003. 12 pp. /1 mf/. MIN 800340019

## PLANTS

50. **Invasive Plant Species Inventory, Mapping, and Monitoring - A National Strategy.** Ludke, L., et al. USGS. Workshop Report - Off. of the Regional Biologist, Central Region. Infor. and Tech. Report ITR 2002-0006. 2002. 20 pp. /1 mf/. MIN 800380037



# BULLETIN BOARD



**Natural Resources Information Council 2003 Conference (NRIC)** will be held concurrently with the **Association for Conservation Information (ACI)** in Cody Wyoming, July 25-30, 2003. For conference information, contact **Paul Wilson: 800-582-3421, E-mail: paul\_wilson@fws.gov** or visit the **ACI website: www.aci-net.org**. To submit papers (deadline for abstracts: approx. May 20, 2003) for **NRIC**, contact **Barbara Voeltz, c/o Nebraska Game & Parks, 2200 North 33rd Street, Lincoln, NE 68503-0370; E-mail: bvoeltz@ngpc.state.ne.us**.

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**National Symposium: Wetlands 2003 - Landscape Scale Wetland Assessment and Management** is scheduled to be held October 20-24, 2003 in Nashua, New Hampshire. For information contact: **The association of State Wetland Managers (ASWM), P.O. Box 269, Berne, NY 12023-9746; 518-872-1804; FAX: 518-872-2171; E-mail: aswm@aswm.org; or visit Website: www.aswm.org**.

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The **National Commission on Science for Sustainable Forestry (NCSSF)** is having its second annual symposium, "**Fire, Forest Health and Biodiversity**," on June 5-6, 2003 in Denver, Colorado. For information, visit the website: **www.NCSSF.org**.

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The **International Union of Forest Research Organizations (IUFRO)** is holding a conference, "**Information Interoperability and Organization for National and Global Forest Information Systems**." The conference will be held September 17-19, 2003 as a satellite event of the XII World Forestry Congress ([www.wfc2003.org/](http://www.wfc2003.org/)). For information about the **IUFRO** and/or conference, contact: **Carol Green, University of Washington, Forest Resources Library, Box 352112, Seattle, WA 98195-2112; (206) 543-2758; Fax: (206) 543-8375; E-mail: ccgreen@u.washington.edu**.

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**USGS Announces Online Access to Nationwide Fish Community Data**. Data on fish communities are now available for 960 stream sites in more than 50 major river basins across the U.S. More than 1,900 fish community samples, collected from 1993 through 2002 by the National Water-Quality Assessment Program, can be **downloaded from <http://water.usgs.gov/nawqa/data>**.

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The **Wildlife Society** has published a 22-page **Technical Review, "The Relationship of Economic Growth to Wildlife Conservation"**. In the review, the relationship of economic growth to consumer trends, social values, human population, ecological principles, technological progress, and wildlife conservation is examined. For information about this publication, contact: **The Wildlife Society, 5410 Grosvenor Lane, Bethesda, MD 20814-2197; (301) 897-9770; Fax: (301) 530-2471 or visit [www.wildlife.org](http://www.wildlife.org)**.

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The **IXth International Otter Colloquium, "Otters: Ambassadors for Aquatic Conservation"**, will be held at Frostburg State University in Frostburg, MD from June 4-10, 2004. Watch for updates at <http://otter.frostburg.edu/index.htm>. For any questions, e-mail [otter@frostburg.edu](mailto:otter@frostburg.edu).

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Consult it on the Web at [www.nssf.org/sctp](http://www.nssf.org/sctp), or request a copy by sending an e-mail to [sctp@nssf.org](mailto:sctp@nssf.org), or call Dianne at NSSF (203) 426-1320, or by mail: SCTP/NSSF, Flintlock Ridge Office Center, 11 Mile Hill Road, Newtown, CT 06470-2359.

NSSF's Step Outside Program ([www.stepoutside.org](http://www.stepoutside.org)) and state BOW programs receive partial funding from Federal Aid under a Multistate Conservation Grant. Hunter education is directly funded under the Pittman-Robertson Wildlife Restoration Program.

## Fish and Wildlife Reference Service



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