

THE WILDLIFER

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SPECIAL COUNCIL MEETING HIGHLIGHTS

During the 30 September - 1 October 1986 Special Council Meeting near St. Louis, Missouri, Council:

- Approved a \$1,000 grant to support the Symposium on Northern Forest Owls in Winnipeg, Manitoba, Canada;
- Endorsed the concept of a program for professional development of wildlife biologists;
- Agreed to send a Society representative to the 1987 meeting of the parties of the Convention on International Trade in Endangered Species of Wild Fauna and Flora in Ottawa, Ontario, Canada;
- Adopted modifications for future minimum educational requirements for Certification;
- Agreed to explore the possibility of establishing a managing editor system for Society publications;
- Elevated reauthorization of the Endangered Species Act and old growth forest-wildlife management to #1 priority for Society action;
- Accepted a draft position statement on "Old Growth Forests in the United States" and authorized its publication in *The Wildlifer* for member comment following final editing.

Minutes of the meeting will appear in the January-February issue of *The Wildlifer*.

WETLANDS BILL SIGNED BY PRESIDENT

Legislation to protect and preserve United States wetlands was passed by the U.S. House of Representatives on 15 October and signed by President Reagan on 10 November 1986.

S. 740, the Emergency Wetlands Resources Act, increased funds available for wetlands acquisition by raising the price of the Duck Stamp from \$7.50 to \$15 over a 5-year period and by allowing a modest entrance fee to be charged at selected wildlife refuges. In addition, S. 740 directs that an amount equal to the annual import duties collected on firearms and ammunition, estimated at \$10 million annually, be added to the Migratory Bird Conservation Fund for wetlands conservation. Additional funds would be available for acquisition, and it also provided that up to 30% of the entrance fees be used for operation and maintenance of the national wildlife refuge system.

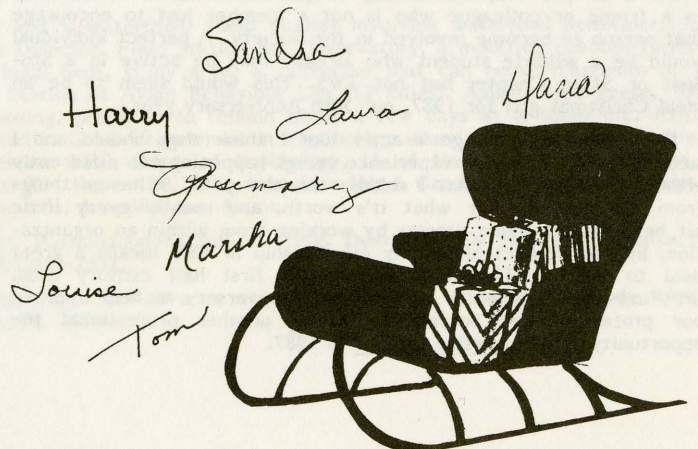
Subject to appropriations, S. 740 authorizes wetlands acquisition expenditures from the Land and Water Conservation Fund. S. 740 also authorizes the establishment of the Bayou Sauvage National Wildlife Refuge in New Orleans.

ELECTION RESULTS

On 8 December 1986, Yvonne Weber, member of the Ballot Validation Committee of The Wildlife Society, and Charles W. Dane, Chairman of the committee, met in the Society's office to verify and count the ballots for the 1986 elections.

Congratulations to the winners in these extremely close races! The winners are: **James G. Teer**, President-Elect; **Oliver Torgerson**, Vice-President; **William M. Healy**, Northeast Section Representative; and, **Clait E. Braun**, Central Mountains & Plains Section Representative. Installation of these officers and representatives will take place during the Business Meeting of The Wildlife Society in Le Chateau Frontenac Hotel at Quebec City, Quebec, Canada, on 23 March 1987.

**WISHING YOU
A JOYOUS NEW YEAR!**



THE WILDLIFE SOCIETY'S

**50th Anniversary Annual Meeting
20-24 March 1987, Le Chateau Frontenac Hotel
Quebec City, Quebec, Canada**

Friday, 20 March	9:00 a.m.	Council Meeting
Saturday, 21 March	8:00 a.m.	Council Meeting
Monday, 23 March	7:00 a.m.	TWS Breakfast -- Chapter & Section Officers, Advisors, CRB, Council
	6:00 p.m.	TWS Reception (Cash Bar)
	6:30 p.m.	Awards Banquet
	8:00 p.m.	Business Meeting
Tuesday, 24 March	7:00 a.m.	Student Welcome & Informal Exchange
	7:00 p.m.	Presentation of Aldo Leopold Award at 52nd North American Wildlife & Natural Resources Conference Banquet
	9:30 p.m.	Reception for Leopold Award Recipient

Advance programs for the 52nd North American Wildlife & Natural Resources Conference were mailed in December to members of The Wildlife Society.

PRESIDENT'S CORNER

A new year is fast approaching and as we near the end of the current one we find ourselves in the sentimental time period of Thanksgiving and Christmas. Whether or not we consider ourselves individually as caring or sensitive persons, I believe we have much for which we can be thankful. Although some things that happen in the wildlife or natural resource area may not agree with our philosophies, there are many events and programs with which we can agree. The Wildlife Society and other organizations may not seem to be doing all they can or should, laws may need revision, or wildlife management programs may be affected more by political than biological decisions. But if you compare standards for wildlife management around the world, the layman's response to such management, and legal decisions affecting wildlife, it is apparent that North America has come a long way conserving natural resources. Granted, we have slipped in places and will do it again, but overall we keep progressing. That's a lot to be thankful for at this time of the year, and I am thankful that TWS has had a part in the progressive growth of wildlife conservation ideas and programs.

If TWS means something to you as members, then I believe it behooves each of us to get a new member for 1987. This action will benefit the new member, you, and TWS. There are at least two viewpoints on membership. One viewpoint says we should do whatever we can to get new members; the second advocates that by simply improving programs, i.e., providing more benefits, membership will increase voluntarily. Although increased benefits may entice new members, I also believe that some publicity, direction, paperwork, etc. will be necessary. Both approaches are needed and there has to be a so-called "happy medium." If you think about it for a few minutes I believe you will agree. In fact, if you think about it seriously you probably will go out and ask someone to join TWS.

There is no doubt in my mind that during the past 10 years TWS has improved. These improvements have been for the resource and the membership of TWS. From recent activities of Council it appears that more improvements are coming. Some of us will be pleased, others may not be. But if we examine the overall program of TWS; compare any perceived lack of action with accomplishments, regardless of the time required to get there; analyze how much effort we have expended personally to help TWS; and consider our attitude on receiving vs. giving to our profession, it should cause each of us to view things a little differently. Perhaps then we may feel more like encouraging membership in The Wildlife Society.

Some of you may be willing to provide a basic membership to a friend or colleague who is not a member just to encourage that person to become involved in the Society. A perfect individual would be a wildlife student who already may be active in a Student or State Chapter but not TWS. This would seem to be an ideal Christmas gift for 1987, our 50th Anniversary year.

Few things in life go exactly like I think they should and I suspect that you do not experience things happening too differently either. It also seems that I seldom can change or influence things from the outside. For what it's worth, and usually every little bit helps, I find more success by working from within an organization. In that respect alone, my membership in TWS means a great deal to me. As The Wildlife Society's first half century ends, let's use the opportunity of our 50th Anniversary to help improve our profession and Society by giving another professional the opportunity of Membership in TWS in 1987.



Lytle H. Blankenship

A DECLARATION FOR THE LAND

As a result of a small meeting to celebrate Aldo Leopold's life, the following was written:

Land is environment. It is soil, water, air, life forms and the processes within which they interact. The Land is our only source of our food and water. It is habitat. The Land is not only a resource; it is the source.

We are at the threshold of choice--of opportunity, survival or extinction.

Now is the time to act, work, live, interact with the Land as if our lives depended on it, for they do.

The environment is essential to both the existence and quality of life. Everything we do, have, enjoy in our world, and everything we hope for, is made possible because of the Land's continued support of us.

As a result of our intellect and technology, we are now primarily responsible for the condition of the planetary environment. Deforestation, growing population, toxic chemicals and nuclear technologies cast the human relationship to the earth in a whole new light. Ethics, as a guideline for human conduct, has proven to be effective in regulating human relationships and could be effective in the human-to-Land relationship.

Human needs can be balanced with the health of the environment. The convergence of human needs and the respect for the intrinsic worth of all life should lead to ethical use of the land.

Life is a process. We are a part of it. Recognizing our individual and collective roles in the processes of the earth--to act with these goals and principles in mind as we interact with the Land--will assure sustenance for us all. It is for individuals to act with a sense of personal responsibility. Individual participation will lead to beneficial community action.

We recognize that resources are not limitless. Satisfying today's needs should not compromise the ability of the Land to sustain us tomorrow. Consuming resources today, without providing for tomorrow, endangers the rights of future generations.

Planning for the future of the Land is planning in partnership with the Land.

All individuals, especially those with economic wealth or political power, should seek to determine and respect appropriate levels of impact upon the Land. Our actions should assure the sustainability of life on this planet.

Inherent in this declaration is the simple reverence for all forms of life, their abundant diversity, and their continued capacity to change.

This is the necessary challenge facing us: to act, with all the enthusiasm and commitment we can find within ourselves for the benefit of the world of which we are a part. This declaration is a call to understanding, caring and acting. To live an ethical relationship with the Land is to participate with joy and hope in the future of life on earth.

(This declaration was prepared by 14 people from industry, ranching, agriculture, federal government, universities, international and national environmental and land preservation organizations, and journalism. For additional information, contact: FULCRUM, 350 Indiana St., Suite 510, Golden, CO 80401. 303/277-1623.)

THE WILDLIFER

EDITOR: Harry E. Hodgdon
PRODUCTION EDITOR: Louise A. Murville

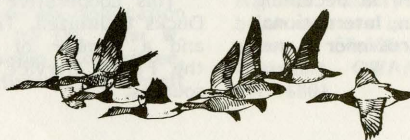
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SOCIETY COMMENTS ON SODBUSTER AND SWAMPBUSTER REGS

The Wildlife Society reviewed and commented on the interim regulations for the swampbuster and sodbuster provisions of the Food Security Act of 1985 (Farm Act). The Society was involved actively in the development of the 1985 Farm Act and remains extremely interested in all aspects of the Act's implementation. The following comments were offered concerning elements of the interim rules covering agricultural uses and nonuses of highly erodible lands and wetlands (Federal Register, Vol. 50, No. 124, 27 June 1986, pages 23495-23514).

1. The definition of "highly erodible land" is inappropriate in many parts of the country. Using an erosion potential greater than or equal to 8 to classify land as highly erodible is too high in many states such as North Dakota. Most, if not all, of the lands in North Dakota are not afforded any protection under the interim rules. The erosion potential should be reduced to 5 in such areas to protect these valuable lands. It may be desirable to assign erosion indices on a regional basis to address this problem.
2. Eligibility requirements must be altered. The interim rules state that a producer will be ineligible only if he produces on converted land. As proposed, this means a producer can drain a wetland or break sod on highly erodible land and still retain benefits if he does not plant the land. In the meantime, the broken sod would erode and the wetland would lose its unique values. Further, the producer who plants on converted land can regain benefits simply by not planting the land during the year in which he applies for benefits. Thus, a producer may plant the land one year, lose program benefits, and two years later, he may regain benefits by not planting the converted land. Receiving benefits while the neglected land is eroding or is degraded is counter productive and is not the intent of the Act. Once a producer breaks sod on highly erodible land or converts a wetland, he should be ineligible for benefits without qualifications.
3. The Soil Conservation Service has discretion according to the rules to allow erosion up to 2T on sites where they determine that economic considerations of the farmer make erosion control to 1T impractical. Such discretionary judgment also must take into consideration the off-site impacts of sodbusting. For example, stream load can increase and effects on neighbors and others downstream can offset economic considerations to the producer. These types of impacts must be addressed in the rules.
4. The definition of commenced is too broad to effectively implement swampbuster provisions. The limitation requiring effort or expenditure by the "person applying for the benefits" is good because it precludes actions by drainage districts from qualifying. However, contracts "for the purpose of converting the wetland" apparently qualify for exemption. Under this provision a 10-year old engineering study could qualify as work commenced. Also, many thousands of acres of wetlands have been partially converted but still provide important hydrologic and biologic values unique to wetlands. If these lands are considered exempt under the definition of commenced, the risk is great that they will be completely converted as more wetlands are removed from cropping potential. The definition of commenced should be narrowed to apply only to those lands where earth moving for the purpose of draining the wetland had begun prior to 23 December 1985.
5. The definition of converted wetland (i.e., removal of hydric soil and hydrophytic vegetation) used in the interim rules leaves a loophole for partial drainage of wetlands, especially those farmed in drought years when removal of vegetation is allowed. A producer could ditch a wetland and partially drain it without affecting the hydric status of the soil. The Society also was concerned that the interim rules provide that any wetland area previously put into crop production is considered converted and can continue to be put into crop production. On many dynamic wetland areas, such as prairie wetlands, farming of wetlands under dry conditions is common. These areas will not be afforded any protection from further conversion. Previous cropping therefore should not be a criterion for determining whether a wetland has been converted. Instead, hydric soil and hydrophytic vegetation criteria should be used; any area that meets these criteria, regardless of whether it has been partially converted or cropped, should be considered a wetland and should be protected under swampbuster provisions.
6. Wetlands are not considered converted unless the conversion is done by the producer or by a previous owner. As written, the rules enable a producer to continue to farm a wetland and still retain all benefits if he did not assist in the conversion. This exemption leaves a loophole for continuing drainage by water boards, road projects, neighbors, lessees, or other non-producers. No exemption should be allowed a producer for any conversion that occurs on the producer's lands.
7. The issue of maintaining old drainage ditches is not addressed in the interim rules. For example, old ditches that were dug to drain wetlands which have since silted in, apparently can be cleared out to a previous level. This cleaning of ditches would result in the destruction of many existing wetlands. If a ditch has not been maintained for a specified period of time (e.g., 10 years), it should be considered abandoned and should not be allowed to be cleaned without loss of program benefits.
8. The U.S. Fish and Wildlife Service must be more involved with implementation and enforcement of Farm Act regulations. The Act requires that the Service be involved in wetlands determination, determination of exemptions, and the issuance regulations. All wetland determinations at the field level should involve the Fish and Wildlife Service and state fish and wildlife agencies as well. This requirement needs to be clarified and strengthened in the rules. In determining exemptions, this must not refer only to those with minimal effect. A cooperative approach is necessary between departments and agencies if swampbuster is to be as effective as Congress intended.
9. The rules should provide a mechanism for public involvement in the implementation of swampbuster. The Agricultural Stabilization and Conservation Service (ASCS) currently cannot properly monitor compliance to these regulations due to manpower and work load constraints. Therefore, it is imperative for citizens to assist in identifying probable violations and reporting them to the proper ASCS authorities for prompt review and resolution.

The Wildlife Society commended the Department for a good start on preparing the interim rules, but urged that the above mentioned changes be made to achieve the natural resource benefits envisioned by Congress through passage of the Farm Act.



CERTIFICATION - An Update on the First Decade of the Program

Certification has been around The Wildlife Society for about 20 years now. Society members in the mid-60's began some of the first discussions and by the early 1970's it was a business topic of various Section and Chapter meetings. The Council became involved in the early 1970's and special committees were appointed to develop a program appropriate for TWS. This was accomplished by the mid-1970's and presented to the membership for review and comments during Annual Meetings and in **The Wildlifer**. In 1976 it was sent to the membership for a vote. When the tally was completed in February 1977, the majority vote favored the program and Certification became an official program of The Wildlife Society.

As president of TWS in 1977, Jack Ward Thomas appointed an acting chairman for the Certification Review Board (CRB). Soon thereafter, the entire CRB was appointed with a member from each Section representing sectors of state and federal governments, universities, and private enterprise. They met in the fall, adopted an application form and sent it to all Sections on a trial basis. With results from this trial run and an accelerated effort, the first applications were received, reviewed and approved within 3 months. Certificates were designed and printed. By February 1978, the entire certification application cycle had been completed: applications made and distributed, review processes established, certificates lettered and mailed to approved applicants. Certification had become an established professional credential program within The Wildlife Society.

Ten years have passed since members received their first program in 1976. What have been the accomplishments of the program during this decade? Well, here is the scoreboard of Associate Wildlife Biologists (AWB) and Certified Wildlife Biologists (CWB) as of 8 December 1986:

Number of Applications Received	3,331	
of which:	<u>AWB</u>	<u>CWB</u>
1. Have been approved	1,388	1,792
2. Presently being reviewed	41	74
	1,429	1,866
3. Denied		36

As of October 1986, there have been 3 cases where an applicant has appealed the denial decision of CRB. All were reviewed by a Board of Inquiry of The Wildlife Society. In each case, the Board of Inquiry recommended and The Wildlife Society Council supported the CRB's decision denying certification to the applicants.

The Certification Program has now been tried and tested. To evaluate how well it has functioned, the Certification Committee was charged with undertaking an intensive evaluation of the entire program. This was completed this year and a report was submitted to the Council at their October 1986 meeting. The findings of this report will appear in a future issue of **The Wildlifer**.

This is the first in a series of articles in **The Wildlifer** devoted to the Certification Program. Our goal is to continue this column in each future issue of **The Wildlifer**. As part of this endeavor, we encourage members to submit questions they would like answered regarding the Certification Program to: **Certification Program Questions, The Wildlife Society, Inc., 5410 Grosvenor Lane, Bethesda, MD 20814.**

Persons desiring an application form for certification should write to the Society headquarters (address above). Remember, the only application form that will be accepted for review has **VALID 1 JANUARY 1986** at the top of the form. The most current Certification Program booklet explaining the entire program in detail also is dated January 1986 and will be sent with the application.----Jim Yoakum

(Editor's Note: Jim was a member of the Certification Review Board for 7 years and Certification Committee for 4 years. He presently is an ex officio member of both.)



ADOPT AN INTERNATIONAL WILDLIFER

The lack of professional wildlife journals and funds are obvious hindrances to wildlifers in most developing countries. The International Affairs Committee is initiating an effort to encourage Society members, chapters, student chapters, and/or sections to "adopt" an individual, a TWS chapter, or an institutional library in a developing country. Through sponsorship, the Society's **Journal** and **Bulletin** would be sent to the recipient on a regular basis.

The sponsor may recommend a recipient or the International Affairs Committee can select an appropriate recipient. Because of the necessary work in pairing the donors and recipients, the sponsor commitment must be made for at least a three-year period and the recipient must agree to make the publications accessible to other wildlife professionals and students in the area. This program also should encourage communications among Society members and wildlife professionals in developing countries.

The annual cost to send the **Journal** and **Bulletin** would be \$45.00 and the Society would handle distribution. Fees could be paid annually or in a lump sum of \$135.00 for a three-year period.

If you or your section or chapter are interested in becoming a sponsor, please write to: **Robert S. Cook, Chairman, International Affairs Committee, The Wildlife Society, 5410 Grosvenor Lane, Bethesda, MD 20814.**

USDA AND WILD TURKEY FEDERATION SIGN HABITAT AGREEMENT

Wildlife, especially wild turkeys, will benefit under an agreement signed by the U.S. Department of Agriculture's Forest Service and the National Wild Turkey Federation, according to remarks made by R. Max Peterson, Chief of the Forest Service.

Under the agreement, the National Wild Turkey Federation will provide money and volunteers to aid the Forest Service in maintaining and improving wild turkey habitat and conducting research on National Forest System lands. Approximately 235,000 wild turkeys reside on National Forest System lands. In the 1930's only about 30,000 birds remained in the entire United States. Cooperative efforts, such as those entered into with the Federation, are responsible for the wild turkeys' comeback. Today, there are 2.5 million birds nationwide.

Cooperative efforts between the NWF and the Forest Service already have resulted in water development for turkeys and other wildlife on the Coconino National Forest in Arizona and the planting of food plots and mast-producing shrubs on the Allegheny National Forest in Pennsylvania.

This cooperative approach has been followed successfully with Ducks Unlimited, Trout Unlimited, state fish and wildlife agencies and a number of other conservation groups, greatly expanding the Forest Service efforts to manage wildlife and fisheries resources.

REPORTS FROM SECTIONS, CHAPTERS, AND MEMBERS



Mark Scott, Vermont

William T. Hesselton

William T. Hesselton of Oxford, Massachusetts, proudly displays his plaque (see photo on left) as recipient of TWS New England Chapter's **Professional Achievement Award**. Hesselton, who is the Northeast Section Representative of TWS and a past president of the New England Chapter, was honored for his past and present contributions to wildlife management in New England at the Chapter's annual meeting held in Franklin, Connecticut.

Brian Hyder of Otto, North Carolina, has joined the National Wild Turkey Federation, Edgefield, South Carolina, as first regional director. A major thrust of his work involves developing fund-raising dinners and identifying community leaders in the Southeast who will host sponsor-member events.

Chester A. McConnell and **Michael R. Pelton** were each awarded the **1986 Wildlife Management Excellence Award** by the Southeastern Section, TWS, at the annual meeting of the Southeastern Association of Fish & Wildlife Agencies in Baltimore, Maryland. McConnell, the Southeastern Representative of the Wildlife Management Institute, was recognized for leading a successful crusade against destructive river channelization projects in west Tennessee and for developing alternative practices for solving stream flow problems that minimize destruction of wildlife habitat. Pelton, a professor of wildlife management at the University of Tennessee, was recognized for his black bear research and management accomplishments.

David R. Patton, former Wildlife Project Leader, Rocky Mountain Forest and Range Experiment Station, has been appointed associate professor at Northern Arizona University. He will teach wildlife habitat relationships in the School of Forestry's undergraduate and graduate program.

Rudolph A. Rosen has been promoted to the position of Director of the Southeastern Natural Resources Center of the National Wildlife Federation. The Center located in Atlanta, Georgia, deals with natural resource issues in Florida, Georgia, South Carolina, North Carolina, Puerto Rico, and the Virgin Islands.

Robert H. Schmidt, **Thomas G. Scott**, and **William Tietje** have been named Natural Resource Specialists in the new Integrated Hardwood Range Management Program for University of California Cooperative Extension. They will work on issues relating to the management and conservation of California's hardwoods, especially oaks.

Winifred B. Sidle (formerly Kessler) has been transferred into a new position with the USDA Forest Service. Previously in charge of the Alaska Region Wildlife and Fisheries Habitat Relationships Program, she is now the National Coordinator for the Wildlife Habitat Relationships (WHR) System. The position is located at the new WHR field unit, housed with the Forest Service in Logan, Utah.

James M. Sweeney has been promoted to Bilateral Programs Coordinator for the U.S. Forest Service's International Forestry staff in Washington, D.C. As Bilateral Coordinator he is responsible for developing a program of international scientific and technical cooperation that will support forest research and management in the United States. For the past 5 years, he served as Project Leader and Principal Wildlife Research Scientist for the North Central Forest Experiment Station's research unit in Columbia, Missouri.

Frederic H. Wagner, professor of wildlife science at Utah State University, received the third annual **Earle A. Chiles Award** in Portland, Oregon, in recognition of his contributions to resource management in the West.

Thomas L. Warren, environmental and natural resources coordinator at Fort Carson, Colorado, was a winner of one of the Department of Defense's **Natural Resources Conservation Awards for 1986**. He was commended for his integration of Fort Carson's natural resources program with military plans and activities, and for his stewardship of Colorado's natural resources.



M.R. Pelton (left) and C.A. McConnell

MORTON B. RYERSON FELLOWSHIP

The Morton B. Ryerson Fellowship is established through funds contributed by the Chicago Community Trust. Applications are being solicited for fellowships-in-residence to begin anytime in 1987. Deadline for receipt of 1987 applications is **1 February 1987**.

Open to any student, with preference to graduate students, the fellowship awards a monthly stipend of \$800, plus room, for any period from 2 to 9 months. Fellows are expected to conduct independent field research on any topic relating to ecology and/or conservation in northern Illinois forests. Cooperation with a local interpretive nature center is encouraged, but the research project is paramount.

Applicants should send a 2- to 3-page proposal, a resume or CV, 2 letters of recommendation, and a proposed schedule of residency at the Ryerson Conservation Area. Address application or requests for complete fellowship description to: **Dr. John W. Fitzpatrick, Chm., Morton B. Ryerson Fellowship Committee, Dept. of Zoology, Field Museum of Natural History, Roosevelt Rd. at Lake Shore Drive, Chicago, IL 60605.**

OWAA AND CHEVRON U.S.A. OUTDOOR FILM/VIDEO COMPETITION

The **Outdoor Writers Association of America, Inc. (OWAA)** and **Chevron U.S.A., Inc.**, are cosponsoring the prestigious annual outdoor film/video competition.

Any individual, private industry, public agency or organization can submit entries. Competition entry deadline is **31 January 1987**. While films may examine any aspect of outdoor life (recreation, wildlife, ecology, forestry, etc.), subject matter should emphasize understanding and conserving our natural resources.

Entrants may compete in 2 categories--Outdoors/Conservation/Natural History and Outdoors/Recreation/Promotion. There will be 4 winners in each category. Winners will receive plaques and share in \$7,500 cash awards. Contact: **Eileen N. King, Executive Assistant, OWAA, 2017 Cato Ave., Suite 101, State College, PA 16801.**

CALL FOR PAPERS

U.S. Postal Service STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION <i>Required by 39 U.S.C. 3685</i>			
1A. TITLE OF PUBLICATION THE WILDLIFER		1B. PUBLICATION NO. 0 1 6 3 6 3 5 9	
2. DATE OF FILING 30 Sept. 1986		3A. NO. OF ISSUES PUBLISHED ANNUALLY 6	
3. FREQUENCY OF ISSUE bi-monthly		3B. ANNUAL SUBSCRIPTION PRICE \$2.70	
4. COMPLETE MAILING ADDRESS OF KNOWN OFFICE OF PUBLICATION (Street, City, County, State and ZIP+4 Code) (Not printers) The Wildlife Society, Inc., 5410 Grosvenor Lane, Bethesda, MD 20814			
5. COMPLETE MAILING ADDRESS OF THE HEADQUARTERS OF GENERAL BUSINESS OFFICES OF THE PUBLISHER (Not printer) The Wildlife Society, Inc., 5410 Grosvenor Lane, Bethesda, MD 20814			
6. FULL NAMES AND COMPLETE MAILING ADDRESS OF PUBLISHER, EDITOR, AND MANAGING EDITOR (This item MUST NOT be blank)			
PUBLISHER (Name and Complete Mailing Address) The Wildlife Society, Inc., 5410 Grosvenor Lane, Bethesda, MD 20814			
EDITOR (Name and Complete Mailing Address) Harry E. Hodgdon, The Wildlife Society, Inc., 5410 Grosvenor Lane, Bethesda, MD 20814			
MANAGING EDITOR (Name and Complete Mailing Address) Production Editor, Louise A. Murville, TWS, 5410 Grosvenor Lane, Bethesda, MD 20814			
7. OWNER (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given. If the publication is published by a nonprofit organization, its name and address must be stated.) (Item must be completed.)			
FULL NAME		COMPLETE MAILING ADDRESS	
The Wildlife Society, Inc.		5410 Grosvenor Lane, Bethesda, MD 20814	
8. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECURITY HOLDERS OWNING OR HOLDING 1 PERCENT OR MORE OF TOTAL AMOUNT OF BONDS, MORTGAGES OR OTHER SECURITIES (If there are none, so state)			
FULL NAME		COMPLETE MAILING ADDRESS	
none			
9. FOR COMPLETION BY NONPROFIT ORGANIZATIONS AUTHORIZED TO MAIL AT SPECIAL RATES (Section 423.12 DMM only) The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes (Check one)			
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<i>(If changed, publisher must submit explanation of change with this statement.)</i>			
10. EXTENT AND NATURE OF CIRCULATION (See instructions on reverse side)		AVERAGE NO. COPIES EACH ISSUE DURING PRECEDING 12 MONTHS	ACTUAL NO. COPIES OF SINGLE ISSUE PUBLISHED NEAREST TO FILING DATE
A. TOTAL NO. COPIES (Net Press Run)		8367	8400
B. PAID AND/OR REQUESTED CIRCULATION		0	0
1. Sales through dealers and carriers, street vendors and counter sales			
2. Mail Subscription (Paid and/or requested)		7992	7971
C. TOTAL PAID AND/OR REQUESTED CIRCULATION (Sum of 10B1 and 10B2)		7992	7971
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E. TOTAL DISTRIBUTION (Sum of C and D)		8011	7990
F. COPIES NOT DISTRIBUTED			
1. Office use, left over, unaccounted, spoiled after printing		356	410
2. Return from News Agents		0	0
G. TOTAL (Sum of E, F1 and 2—should equal net press run shown in A)		8367	8400
11. I certify that the statements made by me above are correct and complete		SIGNATURE AND TITLE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER Harry E. Hodgdon Editor	

The Fourth Northern Furbearer Conference is scheduled for 3-4 April at Centennial Hall in Juneau, Alaska. This conference will be held in conjunction with several other meetings including an Alaska Bird Conference, the Alaska Chapter, TWS, and the Northwest Section meeting of TWS (31 March-2 April). Five broad areas are being considered for constructive dialogue: Economics and the fur industry; problems and issues facing the fur industry; developing responsive regulations for managing furbearers; allocation of the wild fur resource among user groups; and, a general technical session on current research.

For those who wish to present a paper dealing with the economic value of furbearers, contact: Mike Thomas, Alaska Dept. of Fish & Game, P.O. Box 20, Douglas, AK 99824-0020. These papers are to be presented as part of the Chapter/Section meeting of TWS just prior to the Northern Furbearer Conference.

A printer-ready abstract should be sent in by 1 March 1987. Contacts: Loyal Johnson, AK Dept. of Fish & Game, Division of Game, P.O. Box 510, Sitka, AK 99835. 907/747-5449. and Steven R. Peterson, AK Dept. of Fish & Game, Division of Game, P.O. Box 3-2000, Juneau, AK 99802. 907/465-4190.

Eighth Great Plains Wildlife Damage Control Workshop will be held 28-30 April 1987 at Howard Johnson's in Rapid City, SD. Papers are invited which deal with any aspect on wildlife damage for the general session, including rodents, carnivores, other mammals, birds, vertebrate pesticides, and policy. Two special sessions are planned on (1) prairie dog management and control and (2) predator management and control to enhance waterfowl production. Presentations should be no more than 20 minutes. Posters and exhibits are invited. The proceedings will be published by USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, and distributed to all registrants. Titles and abstracts are due for contributed papers and poster displays by 2 February 1987. For additional information, please contact: Daniel W. Uresk, USDA Forest Service, Rocky Mountain Experiment Station, SD School of Mines, Rapid City, SD 57701. 605/394-1960.

The Third Eastern Wildlife Damage Control Conference will be held at the Gulf State Park Resort, Gulf Shores, Alabama, on 18-21 October 1987. Papers and attendance are encouraged from all areas of the continent and from all associated professions. Papers related to wildlife damage control are needed and will be reviewed for acceptance. Abstracts are due in March 1987. Contact: Nicholas R. Holler or H. Lee Stribling, Dept. of Zoology & Wildlife Science, 331 Funchess Hall, Auburn University, Auburn U., Alabama 36849-4201. 205/826-4850.

SYMPOSIUM ON HABITAT MANAGEMENT FOR MIGRATING AND WINTERING WATERFOWL IN NORTH AMERICA

To assemble existing information on management of habitats used by migrating and wintering waterfowl and to provide an extension to previous symposia on wintering waterfowl, an international symposium entitled, **Habitat Management for Migrating and Wintering Waterfowl in North America**, will be held 24-28 January 1988 at the Holiday Inn Downtown, Jackson, Mississippi. The symposium will consist of 4 segments: (1) state-of-the-art reviews of habitat management strategies for important habitats used by migrating and wintering waterfowl throughout North America, (2) oral presentations resulting from an open-call for papers (the call for papers will occur in March 1987), (3) poster presentations, and (4) field trips. The state-of-the-art reviews, by invited authors, will be organized by Flyway (Atlantic, Mississippi, Central, and Pacific) and will be published as chapters of a book bearing the symposium's title. For further information, contact: Loren M. Smith, Wintering Waterfowl Symposium, Dept. of Range & Wildlife Management, P.O. Box 4169, Texas Tech U., Lubbock, TX 79409. 806/742-2842.



POSITIONS AVAILABLE

Equal Opportunity/Affirmative Action Employers

(Society members may call Louise Murville at TWS office, 301/897-9770, for latest information)

FIELD ASSISTANTS (5) from 13 April (3 positions) or 25 May (2 positions) to 14 August 1987. To assist with aerial and ground surveys of colonial waterbirds on Chesapeake Bay and Atlantic Coast, Maryland. Four to assist w/radiotelemetry of black skimmers & one w/nest site selection in least terns. Strong interest in ornithology & ability to operate manual transmission & small boat essential. Subsistence allowance, housing, & work-related transportation provided. Send ltr. indicating study preference & date available; resume; 2 ltrs. of ref., preferably from former employers, to: **Dr. J. Edward Gates, Maryland Colonial Waterbird Project, Appalachian Environmental Lab., U. of Maryland, Frostburg, MD 21532; 301/689-3115** by 1 March 1987.

FACULTY RESEARCH ASSISTANT. M.S. in ecological sciences, or B.S. with research exper. to work on effects of pond construction & configuration on waterbirds & marsh vegetation. Interest in avian ecology, especially brackish marsh birds, essential. Demonstrated ability in habitat analysis & evaluation, data analysis, & report writing. Capable of working w/minimal supervision in somewhat isolated areas on eastern shore, MD. Housing on or near study area provided. Available now. Send ltr. of application, resume, & 3 ltrs. of recommend. to: **Dr. J. Edward Gates, Appalachian Environ. Lab., U. of Maryland, Frostburg 21532. 301/689-3115. 301/689-3115.**

Ph.D. RESEARCH ASSISTANTSHIP. To conduct research on black bears in Shenandoah National Park, Virginia. Focus to be on response of bears (behavioral & population) to gypsy moth defoliation & resulting loss of canopy cover & acorn crop. To be available January or April 1987. Stipends start at \$875/mo. Contact: **Dr. Michael R. Vaughan, Virginia Coop. Fish & Wildlife Research Unit, 148 Cheatham Hall, Virginia Tech U., Blacksburg, VA 24061. 703/961-5046.**

DEPARTMENT HEAD. Ph.D. prefer. in agric. or nat. resources fld. w/considerable teaching & some research exper. To admin. 7-member dept., curriculum & course development, & teach undergrad. Avail. June or August 1987. Application deadline, **15 March 1987**, or until filled. Send ltr. of application & resume to: **Paul D. Kitt, Dept. of Agriculture, McNeese State U., Lake Charles, LA 70609. 318/437-5690.**

DEAN OF AGRICULTURAL RESEARCH/DIRECTOR, South Carolina Agric. Exper. Sta. Ph.D. in an agricultural science. Deadline **8 February 1987**, or until suitable candidate found. Submit ltr. of application, complete resume, & names of 5 persons who will serve as references. Send to: **Dr. Richard O. Hegg, Head, Agricultural Engineering Dept., Clemson U., Clemson, SC 29634-0357.**

RESEARCH GRANT. \$250 in aid of research using bird-banding techniques or bird-banding data. Submit resume of banding or ornithological background, a project plan, and budget to: **Selection committee chairman Robert G. Sagar, Biology Dept., Bloomsburg U., Bloomsburg, PA 17815.** No formal application forms available. Deadline for receipt of application, **15 March 1987.**

GRADUATE RESEARCH ASSISTANTSHIP. M.S. student to study food habits of black bear in Ark. 2-yr. appt., presently contingent on approval, to begin Aug. 1987. \$7,200 stipend. Send resume to: **Dr. Kimberly G. Smith, Dept. of Zoology, U. of Arkansas, Fayetteville, AR 72701.**

GRADUATE RESEARCH/TEACHING ASSISTANTSHIP. Ph.D. candidate in wildl. sci. At least 1 degree in wildl. mgt. or related fld. Min. total GRE 1,000; at least 490 in verbal & quant. GRE 50 percentile or above, Advanced Test in Biol. GPA at least 3.0. Previous publication record & willing to work long hours w/minimal supervision essential. To conduct research in either: Bioenergetics of mourning doves, or lead shot-diet interactions in them. Candidate to develop proposal(s) for extramural funding. Avail. 15 Sept. 1987 or until candidate found. Send resume w/ltr. of inquiry, statement of career objectives to: **Dr. Ralph E. Mirarchi, Dept. of Zool. & Wildl. Science, Auburn U., 331 Funchess Hall, Auburn U., AL 36849-4201. 205/826-4850.**

GRADUATE STUDENT VACANCIES (several) for M.S. and Ph.D. Min. acceptable scores on verbal & quantitative GRE's 450 each, w/total of no less than 1,000. Min. grade pt. approx. 2.9-3.0. Studies in following areas: fee hunting - land leasing, animal damage control, habitat analysis & utilization, environ. contaminants, reproductive physiology, population ecol., pop. modelling, radio-telemetry, ethology, activity budgets, & bioenergetics. Species to be studied include: waterfowl, shorebirds, mourning & ground doves, white-tailed deer, wild turkey, etc. Teaching assistantships in various sections available. Stipends begin at approx. \$5,800/9 mos. Excellent possibilities for summer research stipends or employment. For additional info., applications, catalogues, contact: **Dr. Ann Williams, Grad. Program Officer, Dept. of Zool. & Wildl. Science, Auburn U., AL 36849-4201. 205/826-5145.**

GRADUATE RESEARCH ASSISTANTSHIP. B.S. in wildl./fisheries ecol. or related fld. Min. 3.0 GPA & 1,100 GRE. \$7,200/yr. + tuition waiver, housing support on research area. (1) Wilderness camping & canoeing exper. preferred. Impact of roadway use on associated stream communities within Big South Fork National River & Recreation Area, Tenn. (2) Trapping & telemetry exper. preferred. Raccoon densities, behavior, movement & home range. To begin winter or spring term 1987. For either, send ltr. of application, 3 ltrs. of recommend., GRE scores, & transcripts to: **Dr. Winston Paul Smith, Campus Box 5063, Tennessee Tech. U., Cookeville, TN 38505. 615/372-3126 or 3134.**

ASSISTANT/ASSOCIATE PROFESSOR in wetland wildlife ecology. Ph.D. in wildl. ecol./mgt. & background in freshwater wetlands required. Post doctoral exper. desirable. Tenure track, calendar yr. Develop 2 courses in wetland wildl. ecol. Research should focus on ecol. & mgt. of vertebrates & wetland habitats; develop public service & continuing ed. programs. Resume, transcripts, & 3 ltrs. of ref. must be received by **17 Feb. 1987.** Send to: **Dr. Robert E. Chambers, SUNY College of Environmental Science & Forestry, Syracuse, NY 13210. 315/470-6799 or 6743.**

ASSISTANT FIELD MANAGER, White Oryx Project - Oman. By March, contact: **Tim Tear, 6 Greenwood Ln., Acton, MA 01720. 617/273-2351**

GRADUATE STUDENTS, FIELD STUDIES. Working on M.S. (at least) and w/waterfowl. Field studies involving waterfowl behaviour. To look after/supervise Field Station & participate in research. Work with Director. Field Station has Observatory, a modified caboose (insulated, panelled, heated, hot/cold running water, shower, kitchen area, bunk beds, study area, & outhouse) that can house maximum of 2 students. Vehicle required to transport students from campus to Field Station of Avian Behaviour Lab (12 miles). Approx. 100 geese, 200 Mallard ducks at station. Must meet requirements of neatness, nonsmoking, prepared to remain alone a few days at a time, etc. Also, must meet requirements of Faculty of Grad. Studies & must be accepted in Grad. Programme in Psychology. Married students acceptable. For more info., contact: **Dr. L. James Shapiro, Director, Avian Behaviour Lab., Dept. of Psychology, U. of Manitoba, Winnipeg, Man., Can. R3T 2N2.** To apply to Grad. Programme at U. of Manitoba, write: **Dr. Robert W. Tait, Associate Head, Graduate Programme, Dept. of Psychology, U. of Manitoba, Winnipeg, Man., Can. R3T 2N2,** and ask for info. & application forms.

FISH & WILDLIFE BIOLOGIST. For development of fish & wildl. plan, Passamaquoddy Indian Tribe. Deadline late Jan. 1987. Contact: **Pleasant Point Tribal Council, Perry, ME 04667. Call personnel office, 207/853-2551.**

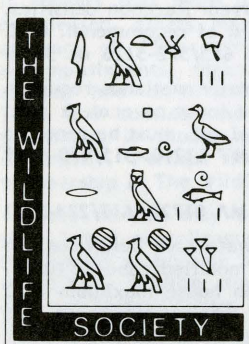
DIRECTOR, for South Florida Coastal Preserve. Exper. in resource mgt. & prefer advance degree. Contact by 1 Feb. 1987, **Judy Wick, Florida Nature Conservancy, 1331 Palmetto Ave., Suite 205, Winter Park, FL 32789.**

MEETINGS OF INTEREST

1987

(See previous issues of *The Wildlifer* for additional timely meetings.)

- 3-7 Feb. Northern Forest Owls Symp., Viscount Gort Inn, 1670 Portage Ave., Winnipeg, Man., Can. R3J OC9. (Dr. W.R. Nero, Box 14, 1495 St. James St., Winnipeg, Man. R3H OW9. 204/945-6817.)
- 5 Feb. 3rd Biological Farming Workshop, Iowa State U., Ames, IA. Fish & wildl. professionals, agri. researchers, & biological farmers to participate in both plenary & workshop sessions to promote low-input & biol. farming techniques. (Robert B. Dahlgren, Leader, Iowa Coop. Fish & Wildlife Research Unit, 11 Science II, Iowa State U., Ames 50011.)
- 12-14 Feb. North Dakota Chap., TWS, Annual Mtg., Bismarck, ND. **Agric. & Wildlife, Partners in Nat. Resource Mgt.** (Michael Johnson, Pres., ND Chap., TWS, P.O. Box 1442, Bismarck, ND 58502. 701/221-6300.)
- 14-18 Feb. Am. Assn. for Advance. of Science 153rd Natl. Mtg., to feature recent advances in sci., medicine, & technology, Hyatt Regency, Chicago, IL. (Joan Wrather, AAAS, 1333 H St. NW, Washington, DC 20005. 202/326-6440.)
- 22-25 Feb. 10th Annual Mtg., Southeast Deer Study Group, Gulf State Park Resort, Gulf Shores, AL. (Local Arrangements Chm. H. Lee Stribling, Dept. Zool. & Wildl. Science, 331 Funchess Hall, Auburn U., AL 36849. 205/826-4850.)
- 17-18 Mar. National forum, **Beyond the President's Commission: Preparing for the Future of Parks & Conservation**, Hotel Washington, Washington, DC. (National Parks & Conserv. Assn., 1015 31st St., NW, Washington, DC 20007. 202/944-8530.)
- 20-21 Mar. The Wildlife Society Annual Council Mtg., Le Chateau Frontenac Hotel, Quebec City, Quebec, Can. (Harry E. Hodgdon, Executive Director, TWS, 5410 Grosvenor Lane, Bethesda, MD 20814. 301/897-9770.)
- 20-24 Mar. The Wildlife Society's **50th Anniversary Annual Mtg.**, Le Chateau Frontenac Hotel, Quebec City, Quebec, Can. (Harry E. Hodgdon, Executive Director, TWS, 5410 Grosvenor Lane, Bethesda, MD 20814. 301/897-9770.)
- 20-25 Mar. 52nd North American Wildlife & Natural Resources Conf., Le Chateau Frontenac Hotel, Quebec City, Quebec, Can. (L.R. Jahn, Vice-President, Wildlife Management Institute, Suite 725, 1101 14th St., N.W., Washington, DC 20005. 202/371-1808.)
- 25-27 Mar. **Animal Damage Mgt. in Pacific Northwest Forests**, Ridpath Hotel, Spokane, WA. (Dr. James W. Caslick, Program Co-Chm., USDA-Forest Service, 1201 Ironwood Dr., Coeur d'Alene, ID 83814. 208/765-7367.)
- 6-12 Apr. 10th Annual Intl. Wildlife Film Festival & Wildl. Intl., symp. on wildl. status & roles of mass media in 3rd/4th world mgt. & ed. programs. (Rocky Mtn. Film Inst. & U. Montana, School of For., Missoula, MT 59812. Chas. Jonkel, 406/243-4493/2253.)
- 13-17 Apr. Symposium: **Leadership in Nat. Resources**, Coll. of Natural Resources, Utah State U., Logan. (Dean's Office, Coll. of Nat. Resources, Logan, UT 84322-5200. 801/750-2445.)
- 15-18 Apr. 2nd Native Plant Revegetation Symp.; w/special section on riparian systems; a poster & commercial exhibit. Hanalei Hotel in San Diego, CA. (Nat. Plant Reveg. Symp., 3808 Rosecrans St., #373, San Diego 92110. John Rieger (TWS) 619/237-6754.)
- 20-22 May Oregon Chap., TWS, Ashland Hills Resort, near Ashland, OR. (Thomas S. Drynan, Pres., OR Chap., TWS, 107 Public Service Bldg., Salem, OR 97310. 503/378-8192.)
- 22-26 Jun. 57th Annual Mtg. Cooper Ornithological Society, Snowbird, UT. (David or Martha Ralph, Dept. of Fisheries & Wildlife, Utah State U., Logan, UT 84322. 801/750-2459.)
- 12-15 Jul. Western Assn. of Fish & Wildl. Agencies Annual Mtg., **Surviving on a Shoestring: Meeting Increasing Public Demands on Fish & Wildl. with Declining Revenues**, Sheraton Hotel, Salt Lake City, UT. (Denise Blaylock, 1987 Conf. Coordinator, UT Natural Resources, Wildlife Resources, 1596 W.N. Temple, Salt Lake City, UT 84116-3154. 801/533-9333.)
- 14-19 Jul. Intl. Conf. on Wildl. Conserv. in China, '87., Beijing, PRC. Registration by **27 Feb. 1987**. (The Conference Secretariat, Sino Films (China) Ltd., Suite 708-9, Block B, Watson's Estate, N. Point, Hong Kong. Tel: 5-663113. Telex: 63175 SINOI HX.)
- 2-5 Aug. 42nd Annual Mtg. Soil Conserv. Soc. of Am., Billings, MT. (Dave Unger, Program Chm., SCSA, 7515 N.E. Ankeny Rd., Ankeny, IA 50021-9764.)
- 20-30 Aug. XVI Pacific Science Congress, **New Dimensions of Science, Manpower & Resources in the Pacific**, Seoul, Korea. (Professor Choon Ho Park, Sec.-Genl., Organizing Committee, XVI Pacific Sci. Congr., Seoul 1987, K.P.O. Box 1008, Seoul 110, Korea.)
- 23-26 Aug. Central Mtns. & Plains Sec., TWS, Halsey 4-H Camp, Halsey, NE. (Karl E. Menzel, Pres. CM&P Sec., TWS, Box 261, Bassett, NE 68714. 402/684-3511.)
- 23-30 Aug. XVIII Congress of Intl. Union of Game Biologists, Jagiellonian University, Krakow, Poland. (Dr. Paul R. Krausman, Assoc. Prof., Wildl. Ecol., School of Renew. Nat. Resources, U. of Arizona, 325 Biol. Sci. E. Bldg., Tucson, AZ 85721. 602/621-3845.)
- 8-10 Sep. 3rd Southeastern Nongame & Endangered Wildlife Symp., Athens, GA. (Ron Odom, Georgia Game & Fish Div., Rt. 2, Box 119A, Social Circle, GA 30279. 404/557-2532.)
- 15-18 Sep. 17th Conf. of Prairie Grouse Technical Council, U. of Minnesota, Crookston. (Daniel Svedarsky, P.G.T.C. Chm., Nat. Resources Dept., U. of Minnesota, Crookston, MN 56716. 218/281-6510, ext. 310.)



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