

# The Wildlife Society



Michigan Chapter

Fall 2003

## News from President Roloff



Hello to all members of the Michigan Chapter of The Wildlife Society. It's hard to imagine that another summer has come to an end. Since our Winter 2003 newsletter and Spring meeting your Chapter has been busy. First, our Spring meeting was held in Grand Rapids April 16-17 and was attended by 30-40 members each day (see the Spring Meeting recap in this newsletter). I would personally like to thank the presenters for their timely and professional presentations. Also, a special thanks to Ducks Unlimited, Michigan State University's Department of Fisheries and Wildlife, and the Michigan Department of Natural Resources' Natural Heritage Program for contributing to our meeting. Several individuals also contributed to the meeting to help offset student costs including Goran Blomberg, Randy Havens, Kelly Millenbah, Brent Rudolph, and Tim Wilson. Thanks to everyone for your support!

Our Chapter membership continues to hover around the 200 mark, with about 15% of those students according to Lori Sargent, our Membership Committee Chair. I'm still very pleased with our membership numbers and level of involvement although we're always looking for ways to recruit more members! On the membership topic, I want to take a minute to extend a special thanks to Lori Sargent for serving as

the Membership Committee Chair. Lori has chaired this committee for as long as I have been involved in the Chapter since I returned to Michigan and she's done a great job keeping our membership records organized in a database. She's also very diligent about sending out membership reminders for those of us that sometimes forget to renew! Note that there is an annual renewal form included in this newsletter for 2004 dues. I encourage everyone to renew towards the end of 2003 so that Lori can get the 2004 membership directory as complete as possible.

Our outgoing Executive Board members in 2003 will be Rique Campa and Tammy Giroux. I want to extend my appreciation to both Rique and Tammy for serving the Chapter not only as Executive Board members but also taking active roles on several different committees. Their hard work is part of the reason our Chapter has great momentum heading into 2004. I know that both will remain active in our Chapter and I look forward to interacting with Rique and Tammy in the future.

This newsletter contains updates on several of our currently active programs so I won't repeat the material here. Needless to say, we have several excellent programs currently in place and plans for more in the future. The Student Professional Experience seems to be a success thanks to Rique Campa and Dean Beyer. This program would not have worked without the commitment of the professionals that volunteered to spend time with our student members. The Conservation Review Committee has also been active, most notably on the Michigan cougar issue. The Information and Education Committee has completed the Wildlife Professional CD and I will have copies available at the fall meeting. On behalf of the Michigan Chapter, I also attended a Michigan Department of Natural Resources sponsored meeting on the Comprehensive Wildlife Conservation Plan that the state is currently developing. This is a federal planning requirement that allows the states to access what hopefully will be a consistent, substantial amount of federal money for wildlife conservation.

Upcoming events include our Fall Meeting in Grayling (see announcement in this newsletter). Note that this meeting will be provided free of charge to our

*continued on page 3*

### Inside This Issue

- ✿ News from President Roloff ..... 1
- ✿ Spring meeting recap ..... 2
- ✿ Conservation Review update ..... 3
- ✿ Mountain lion letter ..... 4
- ✿ Fall meeting info & registration! ..... 5
- ✿ Spring 2003 draft meeting minutes.... 9
- ✿ 2004 membership renewal form..... 11

## Spring Meeting Recap

The Michigan Chapter of The Wildlife Society's spring meeting was held in Grand Rapids April 16-17. The planning committee included Christine Hanaburgh, Kelly Millenbah, Gary Roloff, and Tim Wilson. A call for papers was distributed in the winter newsletter and the planning committee ended up with 17 presentations on the program. Attendance for both days was roughly 30-40 individuals and presentation topics included Karner blue butterfly conservation, Canada geese, Wildlife Society certification, bovine tuberculosis and other deer diseases, whitetail deer, flying squirrels, black bears, use of relational databases, and wetland restoration. Throughout the meeting, Gary Potts, our North Central Section representative was, in attendance, and Gary provided an update on section activities during the membership meeting.

The spring membership meeting was held the afternoon of the first day and approximately 20 members attended (see the membership meeting minutes in this newsletter). The Michigan Chapter also presented the High School Student Recognition Award to Kandi Schnurer from the Sault Ste. Marie school system. As is becoming customary, a social was held after the membership meeting with hors d'oeuvres and a cash bar. Thanks to the planning committee and all of the presenters for another great spring meeting!



*Jeff Greene (Left, Michigan Department of Natural Resources), Gary Potts (Center, North Central Section Representative), and John Lerg (Right, Michigan Department of Natural Resources) discuss wildlife issues during a break in the agenda.*

*From left to right, David Zaks, Rebecca Boehm, Jen Fettinger, and Michael Fashoway from the Michigan Natural Features Inventory participated in presentations and discussions on Karner blue butterfly research.*



*Dwayne Etter (Left, Michigan Department of Natural Resources Wildlife Division) and Tom Gehring (Right, Central Michigan University) chat during a break.*

## Conservation Review Update

In April, a MITWS member requested that the Conservation Review Committee consider involving MITWS in the current debate over the population status of mountain lions in Michigan. This issue fell squarely within the category of "issues where MITWS can positively contribute professional expertise to an uninformed or value-laden debate," one of two areas considered suitable for conservation review. During the past several months, various media sources have reported on the Michigan Wildlife Conservancy's cougar research.

The Conservation Review Committee discussed the idea that MITWS, as an organization that sets ethical standards for wildlife biologists, offer to critique the science behind the cougar research and evaluate the credibility of evidence that there is a viable cougar population in Michigan. As a result of this process, Gary Roloff, the acting Committee Chair, drafted a letter from MITWS to the Michigan Wildlife Conservancy for the Executive Board to review. The Board voted in favor of having President Roloff mail the letter (reprinted on page 4 of this newsletter) to the Michigan Wildlife Conservancy letter.

The Michigan Wildlife Conservancy promptly responded to our letter by contacting President Roloff. President Roloff discussed the content of the letter, the history of the mountain lion issue, and potential follow-up activities with Dr. Patrick Ruzs. Dr. Ruzs noted that the Michigan Wildlife Conservancy would gladly review their information on mountain lions with anyone who is interested and that those informal reviews can be initiated with a phone call to Dr. Ruzs.

The Michigan Wildlife Conservancy is initially hesitant to accept our Chapter's offer for a formal review for a couple of reasons. First, the Michigan Wildlife Conservancy would like more clarity on who would participate on the review team from the Chapter. Second, the Michigan Wildlife Conservancy would like a clear understanding of how the review would be used and disseminated and an explicit statement as to the motives of our Chapter for offering to conduct the review. Last, and most importantly, timing of a formal review is less than optimal pending completion of a manuscript to be submitted in a peer-reviewed journal (expected completion date is the end of 2003).

As a means to initiate an exchange between the Michigan Chapter of the Wildlife Society and the

Michigan Wildlife Conservancy on this issue, Dr. Ruzs offered to give a formal presentation of the mountain lion program at our fall meeting in Grayling. Dr. Ruzs's formal presentation will last approximately 1 hour and he has graciously offered to stay as long as we wanted for questions and discussion. The Michigan Wildlife Conservancy has also extended an invitation to President Roloff to visit their offices in Bath to learn more about this issue. ❖

### President's message (cont. from page 1)

members! At the fall meeting we hope to have an example of our Michigan Wildlife Society 2003 shirts. Although still in the design phase, plans are for the shirts (a polo type shirt) to sport a wildlife art design (thanks to Goran Blomberg, who wins the \$50 prize), the text "Michigan Chapter of the Wildlife Society", and the year. We are also planning on having Dr. Pat Ruzs attend our meeting and present his mountain lion data and research. We will launch our first draft of a web page in 2003 with help from our parent organization. If you are at all interested in helping manage and improve our current web page (which will be based on the Professional Wildlife CD mentioned above) please contact one of your Executive Board members. We will also contact all certified wildlife biologists in the Michigan Chapter to invite their participation in the consulting wildlife biologist brochure. For those of you that have already expressed interest in this brochure, please be patient; I have your names and we will contact you shortly. As you can see, we have a lot going on. We need help to keep our momentum going so if you see something that interests you, by all means let us know!

Finally, I want to close my President's Message by thanking all of you for your support and commitment to our Chapter during 2003. I will relinquish the presidency at our fall meeting to Scott Winterstein and continue to serve our Chapter as Past-President in 2004. This past year has been a great experience for me in learning more about how The Wildlife Society functions. Most important to me, however, are the old acquaintances that were renewed and the new people I met through involvement with the Chapter. I'm always amazed at how "small" the wildlife profession is and I hope to stay in touch with all our members in Michigan. Thanks everyone and I know I'll be seeing you soon!

## Mountain lion letter

As part of MITWS's Conservation Review process, President Roloff mailed the following letter to the Michigan Wildlife Conservancy (see update on page 3).

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August 14, 2003

Michigan Wildlife Conservancy  
PO Box 393  
Bath, MI 48808

I am writing to you on behalf of the Michigan Chapter of The Wildlife Society. The Wildlife Society is an international non-profit scientific and educational association dedicated to excellence in wildlife stewardship through science and education. The Wildlife Society's mission is to "enhance the ability of wildlife professionals to conserve diversity, sustain productivity, and ensure responsible use of wildlife resources for the benefit of society." The Michigan Chapter of The Wildlife Society is the state organization of this professional group and we currently have approximately 200 members.

The purpose of this letter is to offer our assistance in a portion of the ongoing debate on mountain lions in Michigan. We regularly monitor environmental issues in Michigan with an eye toward implications for wildlife. Our Chapter has a formal process in place for considering pertinent environmental issues and this topic is both timely and relevant. In the past, we have commented on the Michigan Department of Natural Resource's Old Growth and Biodiversity Plan, state natural resource budgets, and National Forest Plans. It has been brought to our attention that the evidence used to infer the occurrence of a viable population of mountain lions in Michigan is surrounded by skepticism. As President of The Michigan Chapter of The Wildlife Society I offer the services and expertise of our organization to conduct a formal review of the available methodology, data, and interpretations associated with the mountain lion issue.

Our proposed strategy for conducting the review is to build a team of experts from our membership (including statisticians, geneticists, wildlife biologists) that will be charged with developing a collaborative view on the scientifically credible inference space associated with the mountain lion sample methods and resultant data. It is important to note that all members of the Michigan Chapter abide by a strict code of ethics (see <http://www.wildlife.org/about/index.cfm>) that ensures we operate in a professional manner consistent with the expectations of our international organization. The proposed review effort would be administered by the Chapter's Executive Board, which consists of 6 members from various organizations. Also, note that we are not proposing to substantiate or refute specific opinions on this topic. Rather, we propose to define the appropriate inference space for developing statements on mountain lion ecology or population status in Michigan. Our final report will be made available to you, our membership, and the general public on request.

The Michigan Chapter of The Wildlife Society looks forward to your response. If we can be of assistance with this issue, please contact me at the following address.

1564 Tomlinson Road  
Mason, MI 48854  
(T) 517-244-0902  
(E) garyroloff@bc.com

Sincerely,



Gary J. Roloff, Ph.D.  
President, Michigan Chapter of The Wildlife Society

# MEETING ANNOUNCEMENT!

Michigan Chapter of The Wildlife Society  
2003 Fall Meeting  
*in conjunction with the*  
Michigan All-Bird Conservation Workshop  
**October 23-24, 2003**  
Grayling, MI

This year's MI TWS fall meeting will be held in conjunction with the Michigan All-Bird Conservation Workshop (MABCW) on October 23 and 24 in Grayling. The MABCW is being organized by Lori Sargent of the MDNR Natural Heritage Program, with generous support by a grant from the International Association of Fish and Wildlife Agencies and additional sponsorship from the Michigan Department of Natural Resources and the Michigan Chapter of The Wildlife Society.

The first day of the meeting will consist of presentations by invited speakers, followed by a late afternoon MITWS membership meeting. A social gathering for all meeting attendees is also planned, and Dr. Patrick Rusz of the Michigan Wildlife Conservancy will be joining us for a presentation on the population status of the mountain lion in Michigan. On the second day, attendees will work in groups to identify priority needs for bird conservation in different parts of Michigan, and then discuss strategies to address those needs.

Because of the strong sponsorship for this meeting, there will be **NO CHARGE** for MITWS members to attend any portion of the meeting!

Your advance registration is appreciated to help us make appropriate meeting arrangements.

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## REGISTRATION

Michigan Chapter of The Wildlife Society  
2003 Fall Meeting  
Holiday Inn, Grayling  
Grayling, MI October 23-24

Name as you would like it to appear on your badge:

\_\_\_\_\_

Professional affiliation as you would like it to appear on your badge:

\_\_\_\_\_

I am planning to attend: (check one)    Thursday only    Friday Only    Both Days

I am planning to attend the Thursday evening social: (check one)    Yes    No

**Please email your registration information by October 17 to:**

Christine Hanaburgh, Secretary / Treasurer  
**hanaburc@michigan.gov**  
(517) 241-4250

## MEETING DETAILS - Michigan All-Bird Conservation Workshop

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### Purpose

The International Association of Fish and Wildlife Agencies (IAFWA) is financially supporting state migratory bird conservation workshops. The workshops are intended to gather state biologists, wildlife managers, and their conservation partners to learn about national bird conservation programs and how to apply conservation initiatives at the state level. The purpose of the meeting is to enhance collaboration among parties interested in bird conservation efforts in Michigan and contiguous states.

### Geographic Scope

The three Bird Conservation Regions (BCRs) defined for Michigan and extending into the surrounding states—including the boreal hardwood transition (Region 12), eastern tallgrass prairie (Region 22), and prairie hardwood transition (Region 23) areas. Workshop invitees will include government agencies, nongovernmental organizations, and other individuals with an interest or stake in bird conservation in the focus areas.

### Objectives

- Enhance participant understanding of existing North American bird conservation planning initiatives: NA Bird Conservation Initiative, Partners in Flight, NA Waterfowl Conservation Plan, U.S. Shorebird Conservation Plan, NA Waterbird Conservation Plan and NA Marshbird Conservation Plan, relationships with joint venture groups and Michigan initiatives.
- Identify priority needs and funding sources for all-bird conservation project implementation for the three BCR's being addressed.

### Location

Holiday Inn, 2650  
I-75 Business Loop  
Grayling, MI 49738  
(989) 348-7611 / (800) 292-9055

### Sponsors

International Association of Fish and Wildlife Agencies (IAFWA)  
Wildlife Division, Michigan Department of Natural Resources  
Michigan Chapter The Wildlife Society



## AGENDA - Michigan Chapter of The Wildlife Society Fall Meeting AND Michigan All-Bird Conservation Workshop

THURSDAY, OCTOBER 23

**8:30** Welcome ..... **Lori Sargent**  
Natural Heritage Program, Wildlife Division, MDNR

**8:40** Objectives..... **Ray Rustem**  
Natural Heritage Program Supervisor, Wildlife Division, MDNR

### National Programs

**8:50** North American Waterfowl Management Plan ..... **Barbara Pardo**,  
Coordinator, UMGLJV, US Fish & Wildlife Service

**9:20** US Shorebird Conservation Plan ..... **Bob Russell**  
US Fish & Wildlife Service

**10:10** North American Colonial Waterbird Conservation Plan..... **Linda Wires**  
Dept. Fisheries, Wildlife & Conservation Biology, University of Minnesota

**10:40** Break

**10:50** Partners in Flight..... **Tom Will**  
US Fish & Wildlife Service

**11:20** North American Bird Conservation Initiative ..... **Ray Adams**  
Kalamazoo Nature Center

**11:50** Role of International Association of Fish & Wildlife Agencies ..... **Debbie Hahn**  
IAFWA Migratory Bird Coordinator

**12:00** Lunch

### Regional/State Programs

**1:00** Michigan GAP applications to bird conservation ..... **Mike Donovan**  
Wildlife Division, MDNR

**1:20** Bird Conservation and the Farm Bill..... **Mark Sargent**  
Wildlife Division, MDNR

**1:40** Ecology of migratory landbirds during migration ..... **Dave Ewert**  
The Nature Conservancy

**2:10** Break

**2:20** Michigan Comprehensive Wildlife Conservation Plan ..... **Amy Clark Eagle**  
Wildlife Division, MDNR

- 2:40** Upper Mississippi River-Great Lakes Region Joint Venture..... **Barbara Pardo**  
Coordinator, UMGLJV, US Fish & Wildlife Service
- 3:00** History of Michigan Waterfowl Habitat Management..... **Greg Soulliere**  
Wildlife Division, MDNR
- 3:20** Important Bird Areas & Breeding Bird Atlas..... **Ray Adams**  
Kalamazoo Nature Center

**4:00** Michigan Chapter of The Wildlife Society membership meeting

**5:30** SOCIAL

**6:00** Discussion of the population status of mountain lion in Michigan ..... **Patrick Rusz**

#### FRIDAY, OCTOBER 24

**8:30** Welcome/Agenda..... **Lori Sargent**  
Natural Heritage Program, Wildlife Division, MDNR

**8:40** Upper Great Lakes Plain BC Plan..... **Tom Will**  
US Fish & Wildlife Service

**9:00** Mesic Conifer Initiative and the Western Upper Peninsula ..... **Bob Doepker**  
Wildlife Division, MDNR

**10:00** Objectives for breakout sessions..... **Ray Rustem**

- Identify bird species on the bird list that occur in Michigan. Any missing?
- Identify issues associated with each BCR and the species within them:  
BCR 12 - Boreal hardwood transition  
BCR 22 - Eastern tallgrass prairie  
BCR 23 - Prairie hardwood transition

**12:00** Lunch

**1:00** Reconvene General Session ..... **Lori Sargent**  
Reports of priorities from Breakout Session Chairs (15 minutes each for 45 minutes)

#### Implementing projects

**2:00** What do we do now? ..... **Lori Sargent**

**2:30** Wrap-up

#### Adjourn

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## Fall Meeting Minutes

Please review the following draft minutes from our Spring Membership meeting. Changes and errors should be directed to Christine Hanaburgh (hanaburc@michigan.gov) before the minutes are approved at the Fall Membership meeting.

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*Michigan Chapter of The Wildlife Society  
Membership Meeting  
Best Western Midway Hotel, Grand Rapids, MI  
April 16, 2003*

**Attendance:** There were 22 members present for the membership meeting.

**Meeting Called to Order by President Roloff at 3:18 p.m.**

**Approval of Minutes:** Minutes from the November 4, 2002 membership meeting were distributed in the Winter newsletter. Motion by Millenbah, second by Wilson to approve minutes as written. Motion carried.

**Treasurer's Report:** Hanaburgh reported that the MI TWS account had a balance of **\$2917.84**. Income since the last membership meeting included \$600 in spring registration fees, \$20 in direct dues, \$100 in donations, and \$275 for TWS reimbursements. We had expenses of \$30 in bank fees, \$75.60 for the winter newsletter, a \$100 donation to the National Chapter, and a \$350 deposit for the Spring meeting facilities. The Treasurer's report was accepted (motion by Greene and second by Ennis).

### Committee Reports

**Membership (Sargent):** Currently, the Chapter has 177 paid members, of which 23 are students. There are 75 students who were members in 2002 but have not renewed membership for 2003. One member asked how many Chapter members are also National members, and Board member Schneider replied that the National Chapter has an online database that can be queried for such information.

**Education and Information (Vacant):** The committee Chair is still vacant. A primary task of the future Committee will be the establishment and maintenance of a MITWS web page. James Mathieson can be contacted about the availability of space on the National web server for a Chapter web page. Schneider reported that the Michigan Chapter CD's are not yet available. The CD requires a web browser for full functionality, and the design of the CD will make it suitable for use as the Chapter web page, once web space is obtained. Members interested in receiving a copy of the CD should give their name and mailing address to the President. Millenbah suggested that the E & I committee also tackle student recruitment into the Chapter.

**COWCH (Campa):** Campa reviewed the background of the COWCH program and the Chapter's involvement in the program for the members. He will also call Tom Gehring about obtaining the Chapter's COWCH materials from Caldwell, and hopes to present the completed interviews at a future Chapter meeting. Millenbah suggested tying the COWCH program in to undergraduate Fisheries & Wildlife clubs. Schneider read the list of potential interviewees from past meeting minutes. Members suggested additional individuals to interview, including Marv Cooley, John Urbain, Glen Dudderar, and Ed Langenau. Rex Ennis volunteered to interview Bill Irving, and knows someone who may want to interview Donald Elsing. Campa will follow up with Ennis. For the fall meeting, the COWCH committee will research equipment availability, prepare and distribute a list, by geographic region, of people to be interviewed, and perhaps show a completed interview at the next meeting. Potts suggested copying Dan Svedarski's CD as an example. A recent issue of *The Wildlifer* also has an article on COWCH. Rex Ennis volunteered to be on the COWCH committee.

**Professional Development Committee (Campa):** Campa reviewed the concept of the student-professional work experience. After the fall meeting, 17 students and 6 professionals had signed up, and there are currently 14 matched pairs. Campa will continue on the committee for another year but will not chair the committee.

**Conservation Review (Campa, Roloff):** The Committee has several members, but no Chair. Roloff reminded the membership of the Conservation Review process that was voted on. One issue is currently going through the review process. The issue is the use of science to address the issue of the mountain lion population status in Michigan. Roloff was the acting committee chair for this issue. Rudolph reminded the membership that one reason the review process was developed was to provide a mechanism for the Chapter to address time sensitive issues. A Committee Chair is needed to shepherd the conservation review process.

**Awards (Roloff):** Kristie Sitar is the new Awards Committee Chair. The High School Recognition Award was presented to Kandi Schnurer. Kandi is a high school senior in the Sault Ste. Marie school system, and she was nominated for the award by Rex Ainslie. Several available MITWS awards received no nominations.

### Old Business

**Consulting Wildlife Biologist Brochure:** Roloff requested that members interested in being included in the updated brochure contact Roloff or Campa.

**Fundraising:** No artwork designs have been submitted by MITWS members. Giroux has been researching embroidered merchandise that the Chapter can sell. One member suggested opening the art contest to undergraduate Fisheries and Wildlife Club members and notifying Club advisors of the contest. Blomberg offered to prepare a design. Millenbah recommended that the Chapter try to have sample sportswear items for the fall meeting to allow for holiday gift purchases. The Midwest Fish and Wildlife Conference should also provide an excellent opportunity for merchandise sales.

**Chapter Operations Manual:** Campa reported that there has been no activity on the Operations Manual.

**Parent Chapter Funding Request – Burlington Meeting:** The Secretary/Treasurer received an acknowledgement letter from the National Chapter in response to our donation of \$100 to support the annual meeting.

### New Business

**News from the Northcentral Section (Gary Potts):** North Central section representative Gary Potts presented an update on North Central section and National TWS activities. Gary has been a TWS officer at some level for 17 years, and he strongly encouraged members to run for higher offices. Highlights include lots of travel and the opportunity to impact programs. Gary described the diverse group of volunteers on the Wildlife Society Council, the duties of the Section Representative, and the value of being a member at all 3 levels of TWS. He also recommended utilizing the National website for information on current conservation issues and student information. To address potentially important issues, the TWS has experts write technical reviews. Based on these reviews, TWS then decides whether or not to formulate a position statement.

Travel grants are available for students to present papers at national meetings, and up to \$1000 is available from TWS to fund regional workshops. Students can get additional information by contacting the national student representative, Sherry Knowlden, in Wisconsin. Gary proposed that TWS create a Wildlife Policy Fellowship to foster effective “on the ground” use of money made available for policy implementation. His proposal was accepted and is awaiting funding.

The national council is seeking \$3 million to fund an endowment for hiring professionals to work on policy issues. Endowment campaign coordinators are needed in each state. So far, \$1.5 million has been received. TWS is dealing with budget cuts, making it difficult to pay for all of the new initiatives that are proposed. Representative Potts closed by reiterating his encouragement for members to run for office and participate at the many levels of TWS membership.

**Separating Secretary/Treasurer Position:** The pros and cons of separating the Secretary/Treasurer position were discussed. Pros are that a split would lower the workload and perhaps make the 2 offices more attractive to potential candidates. Cons are that it would create an additional office that might be difficult to fill, given the difficulty of filling the existing offices. A split would also require a change to the bylaws. One member suggested adding other committee duties to the Treasurer position if split. Gary Potts offered the suggestion of having the President-elect prepare the newsletters, as is done in the North Central section. Rudolph advised providing better descriptions of officer positions, including a position description and schedule of duties, to promote interest. Several members expressed that assigning the newsletter to the President-elect would discourage members from running for that office.

Roloff stated that the newsletters have become more descriptive of MITWS programs and might serve as a useful introduction to the President-elect. Roloff asked for a motion; none was received. Roloff stated that he would assign the newsletter to President-elect Winterstein.

**Officer Nominations for 2003-2004:** Roloff informed the membership that the Chapter would be looking for nominations for President-elect and one board member by fall.

**Fall Meeting:** Lori Sargent will be organizing the Michigan Bird Conservation Initiative Workshop. She suggested that MITWS hold its fall meeting in conjunction with the bird workshop, which is planned for October. Ennis mentioned that many regional, broad scale planning initiatives are underway in the state. He suggested that MITWS hold its meeting in the format of a workshop focused on ecosystem planning, perhaps in concert with the bird workshop. Rex Ennis and Lori Sargent agreed to take the lead in planning the fall meeting.

**Meeting Adjourned by President Roloff at 5:08 p.m.**

**Respectfully submitted:**  
**Christine Hanaburgh,**  
**Secretary / Treasurer**

## MITWS EXECUTIVE BOARD

PRESIDENT

**GARY ROLOFF**

GARYROLOFF@BC.COM 517-244-0902

PRESIDENT ELECT

**SCOTT WINTERSTEIN**

WINTERST@MSU.EDU 517-353-2022

PAST-PRESIDENT

**RIQUE CAMPA**

CAMPA@MSU.EDU 517-353-2042

SECRETARY / TREASURER

**CHRISTINE HANABURGH**

HANABURG@MSU.EDU 517-241-4250

BOARD MEMBERS

**TAMMY GIROUX**

GIROUXTAMM@HOTMAIL.COM 517-353-5135

**JIM SCHNEIDER**

SCHNE181@MSU.EDU 517-353-9091



**Don't forget to VOTE!!!**

For candidate information, see  
[http://www.msu.edu/user/hanaburg/  
 MITWS 2003 nominees.htm](http://www.msu.edu/user/hanaburg/MITWS_2003_nominees.htm)

*Deadline: October 22, 2003*



**THE WILDLIFE SOCIETY**  
**MICHIGAN CHAPTER**  
**2004 MEMBERSHIP APPLICATION**

Name \_\_\_\_\_

Address \_\_\_\_\_

City, State and Zip code \_\_\_\_\_

Telephone (include area code): Home: \_\_\_\_\_ Business: \_\_\_\_\_

E-mail: \_\_\_\_\_

Are you a Certified Wildlife Biologist? (Y/N) \_\_\_\_\_ Associate Wildlife Biologist? (Y/N) \_\_\_\_\_

Use code numbers on the next page for the following data:

Employer: \_\_\_\_\_ Areas of expertise (no more than six): \_\_\_\_\_

If Code 3, Specify: \_\_\_\_\_

If Code 39, Specify: \_\_\_\_\_

**Membership Rates**

_____	<b>Regular 1 yr. Membership</b>	<b>\$10.00</b>
_____	<b>Regular 3 yr. Membership</b>	<b>\$30.00</b>
_____	<b>Student Membership</b>	<b>\$ 5.00</b>
_____	<b>Retired 1 yr. Membership</b>	<b>\$ 5.00</b>
_____	<b>Retired 3 yr. Membership</b>	<b>\$15.00</b>

**(Make Checks Payable to Michigan Chapter - The Wildlife Society)**

\_\_\_\_\_ Please check here if you would like information on joining The Wildlife Society at the national level.  
Comments:

Please send your payment and this form to:

**Christine Hanaburgh, Secretary/Treasurer**  
**Wildlife Division, MDNR**  
**P.O. Box 30444**  
**Lansing, MI 48909-9820**

Employer. Place the proper number in the space provided on the reverse side.

- |               |                |
|---------------|----------------|
| 1. State      | 5. Other _____ |
| 2. Federal    | 6. Student     |
| 3. University | 7. Retired     |
| 4. Private    |                |

Areas of Expertise. Select up to six applicable codes and place in the proper space on the reverse side.

- |  |                                      |
|--|--------------------------------------|
| 1. Agriculture & Wildlife                    | 24. Toxic Materials                  |
| 2. Air Quality                               | 25. Urban Wildlife                   |
| 3. A Species and Its Habitat Requirements    | 26. Water Quality                    |
| 4. Channelization                            | 27. Wetland Management               |
| 5. Continuing Education                      | 28. Pathology & Disease              |
| 6. EIS Assessment                            | 29. Telemetry & Remote Sensing       |
| 7. Endangered Species                        | 30. Human Dimensions                 |
| 8. Law Enforcement                           | 31. International Experience         |
| 9. Exotics                                   | 32. Harvest Management               |
| 10. Fire Management                          | 33. Wildlife Veterinary Medicine     |
| 11. Forest Management                        | 34. Wildlife Rehabilitation          |
| 12. General Ecology (biomes)                 | 35. Biometrics & Experimental Design |
| 13. Range Management                         | 36. Microcomputer Applications       |
| 14. Hunting (philosophy, quality, sociology) | 37. Biological Modeling              |
| 15. Information and Education                | 38. Fisheries Biology                |
| 16. Land Use Policy                          | 39. Other _____                      |
| 17. Legislative Process                      | 40. Natural Resources Administration |
| 18. Management of Habitats                   | 41. Public Involvement               |
| 19. Management of Populations                | 42. Writing/Presentations for Public |
| 20. Mining Impacts                           | 43. Environmental Advocacy           |
| 21. Non-game Wildlife                        | 44. Conflict Resolution              |
| 22. Mineral Development Impacts              | 45. Resource Economics               |
| 23. Animal Damage Control                    | 46. Mass Media                       |