



The Wildlife Society Pennsylvania Chapter



Newsletter—Summer 2012

President's Message

With all of the problems facing our native wildlife, the task of the wildlife manager can be daunting and at times disheartening. Yet once in a while, despite challenges like habitat loss and climate change, there is a ray of hope. For me this summer, that ray of hope has been the singing of Eastern meadowlarks.

I spent the early part of my career as a wildlife biologist promoting grassland habitats, mainly through the Conservation Reserve Enhancement Program (CREP). Sometimes it seemed that our little grassland projects scattered across the landscape had about as much impact as spitting into the wind. However, eight years later, I am marveling at the number of meadowlarks singing on my farm and the surrounding fields. Until last summer, I hadn't seen a meadowlark here in many years. I won't say it's all due to CREP—mineland reclamations and educating landowners about mowing (specifically, convincing them not to) have contributed to the increase in grassland habitat. According to my anecdotal evidence, our combined efforts seem to have worked to increase numbers of at least one species.

More recently my focus has shifted to young forest habitat, and this year has been my busiest field season yet. Thanks to research done at Indiana University of PA by Drs. Jeff Larkin and Marja Bakermans, we now have specific best management practices for the golden-

winged warbler. Through the USDA, we now have funding to implement those BMPs. That's a rare combination in the world of nongame wildlife management. I'm hoping that in the next ten years, I'll be marveling at the number of golden-winged warblers singing



Golden-winged warbler perching in a stand of autumn olive. Photo credit: Jeff Larkin.

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President's Message cont...

in my area.

I hope that each of you sees tangible evidence of your hard work throughout your career, whether it's an increasing population, a restored and functioning habitat, the budding career of a young person you've mentored, or some other measure of success. Take heart in those successes and keep doing the good

work you do. Meanwhile, keep cool out there—this summer is proving to be a real scorcher.

*Tammy Colt
President, PA TWS*

Wanted: Undergrad Presentations for 2013

****Attention Undergraduates & Professors****

PA TWS would like to have a concurrent session dedicated to undergraduate projects at our 2013 conference in State College. Please pass the word to undergraduate students. We're giving you a heads-up so you can work on projects now. This is a great chance to share your work.



This Newsletter is produced on a roughly quarterly basis for members of the Pennsylvania Chapter of The Wildlife Society.

Editor: Jennifer Dzimiel

Send items of interest, comments, announcements, questions, or corrections to Jennifer at: jennifer.dzimiel@aphis.usda.gov.

Subject— "newsletter"

Chapter Committees Forming—Join Us!

We are now forming two Chapter committees: a fundraising committee and a nominating committee. Three to four people on each committee would be ideal. These committees will help the PA TWS Board with two important aspects of our preparations for our annual conference and business meeting.

The fundraising committee: will solicit monetary donations to support our conference as well as items for our silent auction fundraiser. If committee members would like to go a step further and find innovative ways to raise money for scholarships, travel grants, etc., it certainly will be encouraged. Samara Trusso has already agreed to be on this committee. In addition, the PA TWS Treasurer will work with this committee.

The nominating committee: will seek candidates for our annual election of Officers and Board members. We need to have more than one candidate for Board positions, so that you, our membership, have a choice. Furthermore, we need more than

one candidate to be in compliance with our by-laws.

Surely there are many good people in our membership ranks who could contribute a lot by being a Board member—we just need a committee to help us find you. Justin Vreeland has agreed to be on this committee, and the PA TWS Secretary will work with them.

Please consider participating to help us make this an even better Chapter. For more information please contact Tammy Colt at tcolt@pa.gov



Save the Date

5th Biennial Northeastern Transportation & Wildlife Conference

September 16-19, 2012
Double Tree by Hilton
South Portland, ME



**The Wildlife Society
19th Annual Conference**
October 13-17, 2012
Oregon Convention Center
Portland, OR

White Nose Syndrome Update

By Greg Turner, Endangered Mammal Specialist
& Eileen Butchkoski, Biologist Aide
Pennsylvania Game Commission

Editor's note: This segment is excerpted from a 2011 Bureau of Wildlife Management, Wildlife Diversity Program Report.. Reprinted courtesy of Pennsylvania Game Commission.

White Nose Syndrome (WNS) is named for its most prominent symptom – white fungus on bats' muzzles and exposed skin. First described by biologists conducting 2006-2007 winter counts in New York hibernation sites, WNS spread rapidly to adjacent states, unleashing an epidemic of unprecedented proportion in North American wildlife. Catastrophic mortality threatens the continued existence of several species of cave bats. During 2011, the fungus, *Geomyces destructans*, was clinically proven to be the causative agent.

WNS was first found in Pennsylvania during the 2008-2009 hibernation season, infecting bats at sites in central and northeastern counties. At the end of the 2011-2012 season, 29 of our 67 counties were suspected or confirmed to have WNS, and nearly every hibernaculum was believed to be contaminated. It appears to take about two years for the mass mortality phase to be complete. During this period, while the disease was spreading and mortality occurring, the PGC suspended interior counts to allow bats to hibernate undisturbed in the hope of increasing survivorship. Now that the majority of mass mortality has passed in eastern and central portions of the state, routine surveys are beginning again. Mortality appears to be greater than 95% for the little brown bat, the northern long-eared bat, the

tricolored bat and the Indiana bat, Pennsylvania's only federally endangered mammal.

The Diversity Division led a multi-state WNS response project awarded \$940,000 in April 2009 by the U.S. Fish and Wildlife Service from a national, competitive State Wildlife Grants pool. This funding enabled the Game Commission and partner agencies in

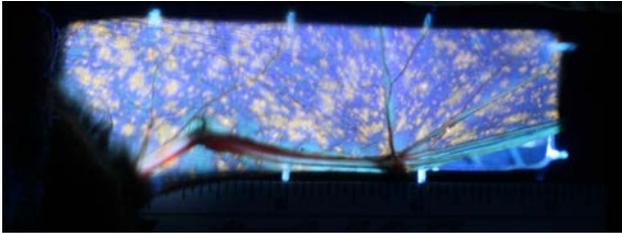


Endangered mammal specialist Greg Turner and biologist aide Cindy Hauser prepare to photograph a bat's wing. Photo credit: Cal Butchkoski/PGC.

other states, in collaboration with academic and non-government partners, to provide a top-notch response to this unprecedented disease situation.

In 2011, Pennsylvania contributed important advancements to the response to WNS. The Diversity Division's endangered mammal specialist led a team that developed a

White Nose Syndrome cont...



Evidence of WNS infection glows yellow in ultra-violet light. Photo credit: Greg Turner/PGC.

protocol that uses non-invasive ultra-violet light to accurately diagnose WNS in the field.

Bucknell University conducted one of two high-priority research projects testing treatments or controls for *Geomyces destructans*. Additionally, researchers at Bucknell used digital dataloggers on bats and in hibernation sites to confirm that WNS-infected bats awoke from hibernation much more frequently than healthy bats, thereby depleting their fat reserves, triggering early emergence and contributing to mortality. In a related study investigating evidence that colder, drier hibernation sites are less affected by WNS, Bucknell showed that bat species that tolerate or prefer hibernation temperatures below 35 degrees are more likely to survive. Site temperature and gender also have significant impacts on the survival of WNS-infected bats: males are more likely to survive than females. Bucknell successfully rehabilitated two WNS-infected bats; 17 others did not survive.

Employing acoustic monitoring equipment at entrances to hibernacula in Pennsylvania and Kentucky that are used by the Indiana bat, Bat Conservation International researchers found patterns of daytime activity relative to temperature that show promise in detecting WNS early in the hibernation period.

Other highlighted studies include an investigation to see if rehabilitated bats and bats surviving through summer retain viable *Geomyces destructans* spores, comparison of the different hibernation strategies of various species of bats, examination of behavioral changes in WNS-infected bats and changes in the digestive flora in infected bats. The Game Commission collaborates with researchers at Penn State's Beaver Campus on genetic profiling that could provide information critical to the conservation, management and recovery of the little brown bat if geographic areas with distinct subpopulations with comparatively high survival rates can be identified.

For the past decade, the Game Commission has tracked bat population trends through analysis of summer bat mist-netting data submitted by wildlife consulting companies contracted to assess the potential environmental impact of large-scale projects like highways, pipelines, wind farms and shale gas development. Captures rates for 2011 were compared to the average of years 2002 through 2007, before our cave bats were affected by WNS. On average, 3.5 little brown bats were captured per 1,000 units of effort prior to WNS, but just 0.56 little brown bats were captured per 1,000 units in 2011. A unit of effort equals one square meter of net deployed for one hour. For the big brown bat, the capture rate dropped from 3.14 to 2.45. For tricolored bat it dropped from 0.12 to 0.04. For the northern long-eared bat, a WAP responsibility species, the capture rate dropped from 2.40 to 1.22.

*****For more info on PA bats and links go to: pgc.state.pa.us Click WILDLIFE, then Wildlife, then Pennsylvania Bats.*****

PA TWS Member Profile: Scott Bearer, Ph.D.

Editor's note: This article is part of an ongoing series featuring a professional who is a member of the Pennsylvania Chapter of The Wildlife Society.

What made you decide to get into the wildlife profession?

My father, who recently retired from the PA Bureau of Forestry after 36 years, was my biggest influence. He and I come from a long legacy of Pennsylvania foresters, with my great-grandfather (Valentine Bearer) being one of the first District Foresters of the Forbes State Forest starting in 1913. Listening to Bearer family stories about wildlife and forestry growing up, how could I think of doing anything else?

What is your educational background ?

I went to Virginia Tech for my undergrad in forestry. While I was there, I interned with the PA Bureau of Forestry and worked with Merlin Benner and Dan Devlin on a variety of projects. One of those projects opened the door for me to pursue my MS at Clarion University, where I studied how bats were using shallow-gas well pads and pipeline corridors. Gaining a solid foundation in landscape ecology from Clarion then allowed me to pursue my Ph.D. at Michigan State University, where I spent five years living in Sichuan, China, studying how timber harvesting by local Tibetans was impacting giant pandas in the Wolong Nature Reserve. With the GIS and statistical background from my Ph.D., I then completed a post-doc with the US Fish and Wildlife Service helping to establish the national bald eagle monitoring program that would eventually remove the bald eagle from the endangered species list. While I was finishing my postdoc, The Nature Conservancy contacted me to join

their efforts in conservation, and I've been with TNC since 2007.

Do you have any mentors or anyone that really influenced your career?

I have many, but certainly Merlin Benner, Dan Devlin, Pete Dalby, Cal Butchkoski, Dan Brauning, Jack Liu (MSU) and Nels Johnson (TNC) are among the most influential.

What is your current position and specialization?

My official title is Senior Scientist with The Nature Conservancy's Pennsylvania Chapter. It sounds fancy, but I'm still just the forest and wildlife ecologist for the Chapter, which means working on a variety of projects, currently including Bog Turtle research, Hemlock Woolly Adelgid prioritization, energy development BMPs, prescribed fire monitoring, bat surveys, and development of old-growth



Scott Bearer preparing to release North America's smallest turtle, the bog turtle, back to the wild.

Member Profile cont...

management guidelines. I am also currently serving as a CODA Fellow, where I am drawing connections between the ecosystems of Yunnan, China and North America's Central Appalachian ecoregion.

What is the most interesting aspect of your job?

Certainly the diversity of things to do in any given week is great. As wildlife biologists, we can find ourselves down in a cave one day, surveying how bats populations are surviving White Nose Syndrome, and the next day be chasing a radio-collared elk through the forest. There is no shortage of things to do in ecology, and I love that we wildlife ecologists have the option to think very broadly or focus down very specifically on any given topic. But, ultimately, the most interesting and rewarding part of the job is that no matter what we do, it serves a larger purpose—and that is the conservation of our natural habitats.

Do you have any special moments on the job that are unforgettable, or moments that reaffirm your career choice?

Oh boy, where to start. I'll never forget being 10 feet away from a wild giant panda deep in the Sichuan wilderness. Mist-netting bats on state gamelands with Cal Butchkoski and crew, or sitting at the Canoe Creek Church during the morning swarm, when ten thousand bats would fly around you and their wings would brush your cheeks. That's unforgettable—and I feel really sorry for the people who never got to experience that, because now they won't ever have that chance again because of White Nose Syndrome.

What has been your favorite experience with PA TWS?

When I was working on my MS, I presented my bat research at the annual PA TWS meeting. While I was presenting, I couldn't figure out the laser pointer and kept shooting it the wrong way (i.e. red dot burning my eyes). I was honored that they awarded me the Best Student Presentation that year, but I thought it was strange they gave it to the guy who couldn't even figure out the laser pointer. I thought to myself, "Have these guys been drinking?" Later that I found out that, yes, many were...

Is PA TWS heading in the direction you would like to see, or what changes could be done to make it better?

Definitely PA TWS has done a great job helping members stay current on emerging issues as well as active on older issues. But there are some areas we could improve. A more active student membership would benefit both TWS and the students. The chapter could gain fresh perspectives and energy, and the students could learn more about the issues and potentially meet their future bosses. It's great that the PA TWS board is working on establishing more student chapters. I hope the professors can find the time to support these student chapters, because they'll be the critical link.

What advice can you give to new members who are just beginning their wildlife career?

If you really want a career in the wildlife field, I'd recommend starting to meet people and begin building your network as early as possible. Granted, sometimes it's difficult because the wildlife internship might not pay well (if at all), but the time you spend working in the field, learning wildlife techniques and meeting colleagues will really benefit you in the long run. Plus, the jobs are usually a lot of fun!

PGC Launches the Wildlife Diversity Forum

By Cathy Haffner, Conservation Planning Coordinator
Pennsylvania Game Commission

The Pennsylvania Game Commission, in cooperation with the Wildlife For Everyone Endowment Foundation and financial support from the Richard King Mellon Foundation, hosted its first-ever Wildlife Diversity Forum in State College on 28-29 June 2012. The goal of this premier event was to bolster effectiveness of conservation actions by initiating a dialog with established and potential conservation partners to identify areas of common concern. Specifically, the Game Commission aimed to: raise awareness within the conservation community of the full breadth of the agency's mission (i.e. conserving all birds and all mammals for all people, for all time); inform participants about the Pennsylvania Wildlife Action Plan and upcoming revision; exchange information on accomplishments and progress made over the last decade; provide updates on the state of Pennsylvania's birds, mammals, and their habitats; and motivate multiple stakeholders to better understand and advance wildlife conservation programs and projects at the local, state, and national level.

A morning plenary session the first day provided background information on the agency mission, conservation strategies, the Pennsylvania Wildlife Action Plan, and state of our habitats, mammals, and birds. We then garnered feedback on current conservation issues and possible actions from the ninety-one participants representing more than fifty Pennsylvania conservation organizations through facilitated breakout sessions. At the end of the first day, eight groups identified and categorized 340 issues they feel we

need to address, as a conservation community, to conserve the state's diversity of birds, mammals and their habitats. The second day focused on prioritizing the conservation issues and discussing actions that could be taken to address the priority issues. To accomplish these challenging tasks effectively, we pre-selected experts in each category (policy/funding, education/communication, scientific research, population monitoring, habitat management, land protection, and conservation planning & design) using registration form responses and assigned them to breakout groups accordingly. Each group productively elucidated the top issues within the respective category and, if possible, suggested conservation actions, entities, and urgency for each issue. We are currently compiling the results and will post them on the Game Commission website for further comment. We plan to consider these suggestions in the near-term and during the Wildlife Action Plan revision process, with results incorporated as part of the stakeholder involvement documentation.

The Wildlife Diversity Forum was only the start to a long conversation with various partners in the coming months and years as we update the Wildlife Action Plan jointly with the Pennsylvania Fish and Boat Commission by September 30, 2015. This conservation blueprint for the state's wildlife articulates specific actions to address threats proactively before species decline to a point of requiring costly federal protection under the Endangered Species Act.

Northeast Section Field Course

Class of 2012

By Jacqueline Matzke

Editor's note: Jacqueline Matzke received a PA TWS scholarship to attend the May 2012 Student Field Course presented by the Northeast Section of The Wildlife Society. PA TWS asks every recipient to share their thoughts on the experience.

The Northeast Section TWS Field Course, held in Castleton, Vermont, provided undergraduates and graduate students the opportunity to expand their knowledge and experience in wildlife measurements. We were there for two weeks of nearly non-stop learning and fun. I wish there was a way I could truly describe the experience, but words and pictures can only express so much.

We arrived on a Sunday, walked into the lodge and immediately saw this amazing view of endless mountains. It was on one of those mountains that we would learn how to perform different sampling techniques. As our two weeks went on, we had guest speakers come in and teach us different skills. We covered many different topics, from small mammal trapping to GIS. Every skill we were taught was put immediately into use, whether it was waking up before dawn to count birds or hiking on Bird Mountain making habitat surveys.

While this course taught us many skills we will need to excel in the work place, it also taught us some other very important skills. These skills were not listed on the syllabus or mentioned in any of the numerous welcome letters we received, but they were just as important as any of the others. This course taught us how to come together with people we had just met and work efficiently. We



Students enjoying the view on Bird Mountain in western Vermont after hiking and learning about habitat types and sampling methods.

each had different views on how things should be completed and how the tasks should be split up. This class required that we learn how to be cooperative and to listen to others, taking the different opinions and mixing them to make the project be as successful as possible.

We learned a lot from the speakers that came to visit and instruct, but they had more to offer than a skill. They gave us valuable information about their life journey from college to where they are today. They used their experiences to help us avoid making mistakes and to advise us on how to prepare ourselves for the "real world". They answered our unending chain of questions happily and tried to help us in any way possible. My personal

Field Course cont...



A student receives instruction on shooting dart guns during a section covering capture and immobilization methods.

question for every speaker was “Would you suggest that I get a Masters degree? If so, would you suggest that I go straight into it or

take some time off?” I sought out this advice because it is a personal opinion that varies with every person. It was important to me because I am at that point in my college career where I will have to soon be making that decision for myself. Even though every answer was different the advice allowed me to build on my knowledge of what options would be available to me after graduation.

This course went above and beyond what I expected. It covered ever subject on the syllabus (which was already an incredible amount of information to successfully fit into two weeks) and more! We learned how important it is to work with others and to listen and be cooperative. It also taught us to think outside of the box and to keep searching for what it is we truly want out of our lives.

Wildlife Leadership Academy

Editor’s note: The Wildlife Leadership Academy’s goal is to empower PA youth (ages 14-17) to take a leadership role in wildlife conservation. WLA runs a summer field school and also organizes community service activities. The following are student perspectives.

Field School—PA Bucktails:

This summer I attended the Wildlife Leadership Academy from July 19-23. The field school was a very educational and fun experience focused on white-tailed deer that I will remember and treasure for the rest of my life.

Many experienced experts helped us learn so

much about white-tail deer ecology and habitat. I hope to be able to share some of the knowledge that I learned with the public through various outreaches, such as presentations or other educational events. I would recommend anyone to this program who loves the outdoors and just wants to have some great fun!

*Kevin Springer
Lancaster County*

Wildlife Leadership cont...

Field Trip—PGC's Wildlife Diversity Forum:

The Wildlife Diversity Forum was an outstanding opportunity to connect with other people that value the same things as I do—wildlife conservation. I did not realize what goes on in the "background" regarding wildlife in Pennsylvania, including all the ways in which conservation organizations and agencies work together to achieve their goals like the wildlife action plan.

*Lane Hartley
Adams County*

I enjoyed attending the Forum and interacting with so many professionals and experts in wildlife-related careers. I believe that it is a very good way to share ideas and solve problems, as well as an opportunity to show others how different wildlife organizations approach and resolve issues. It was an honor to be one of the first students to participate and represent the Wildlife Leadership Academy.

*Ben Smith
Adams County*



WLA students and staff participate in a "habitat lap sit," a fun way to demonstrate the importance of habitat interrelationships. Photo credit: Michele Kittell.

******The youth and staff from the Wildlife Leadership Academy sincerely thanks PA TWS for their continued support of the program!******



Nathan McCandless (1990-2012)

Nathan McCandless, fondly referred to as “Nature Nate”, died in a tragic accident on Sunday July 29th while working as a technician for Wildlife Specialists, LLC. He was an outstanding young man with a limitless passion for the outdoors and the wildlife profession. Nathan had a kind heart, magnetic personality, and was loved by everyone he knew. His passing has deeply affected the lives of the countless number of family, friends, and coworkers who adored him.

Nathan was clearly on the path to becoming a successful wildlife professional. He received an A.S. in Wildlife Technology from Penn State DuBois and had spent his third year at DuBois making progress toward his B.S. in Wildlife and Fisheries Science, which he was to continue pursuing at University Park this fall. While at Penn State DuBois, Nathan graduated with honors and in 2011 was awarded the Outstanding Wildlife Student in the Wildlife Technology Program Award presented by the College of Agricultural Sciences Alumni Society. He was actively involved with the Eco Club and participated in a host of volunteer activities including wildlife presentations, saw-whet owl and goshawk banding, elk calf collaring, and feral hog trapping with the USDA. The faculty and staff at Penn State DuBois are very proud of Nathan’s accomplishments and were confident in his abilities to pursue the wildlife profession. They are deeply saddened by his loss and are taking measures to memorialize his accomplishments within the Wildlife Technology program.

For the past 3 years, Nathan was also employed by Wildlife Specialists as a seasonal wildlife technician. He was a valuable member of our team who primarily worked on bat surveys, but had also assisted with rattlesnake and habitat surveys. Nathan was an extremely motivated individual who was always seeking out opportunities to acquire and perfect his field skills. He had a genuine desire to learn from those around him and spent much of his time asking questions and drawing from the experiences of the wildlife professionals he worked with. The staff at Wildlife Specialists admired Nathan for his motivation, strong work ethic, and his dedication to the team. Nathan had formed strong bonds with his coworkers and his fun-loving spirit and inquisitive nature will be greatly missed by all of our staff.

Nathan carried his love of the outdoors throughout his personal life as well. He was a life-long trapper, hunter, and outdoorsman who also loved swimming, snorkeling, photographing wildlife, and collecting butterflies and moths. His parents noted how he was always in the woods investigating nature even as a small child. He was “at home” in the outdoors and had an insatiable desire to explore everything he could.

Although Nathan’s life was short, he left an impression on everyone he met and had a profound impact on the lives of those who loved him most. Nathan chose to follow his dreams and never once let anything get in his way. He stayed positive and viewed obstacles as opportunities in order to stay focused on his ultimate goal of becoming a wildlife professional. Nathan would have been a welcome addition to our profession and his life will never be forgotten.

*Christina Voorhees
Wildlife Specialists, LLC*

Memorial cont...

Editor's note: The following Thank You article and Memorial Scholarship Fund announcement appeared in Nathan's hometown newspaper, the Butler Eagle, on August 7th, 2012.

The family of
Nathan A. McCandless
would like to
THANK
ALL OF YOU

who helped us through
this terrible tragedy.
Your prayers kindness and
sympathy are greatly
appreciated. We will never
forget everyone's kindness
as we hope all of those who
knew Nathan will never
forget the kind, smiling boy
we knew and loved.



**In memory of Nathan,
The Nathan McCandless Scholarship
has been established.**

The goal is to award a monetary scholarship each
year to a student at *Penn State Dubois Campus*
possessing the qualities "Nature Nate" had;
A strong passion for nature and conservation

*All donations are tax deductible and 100 percent of
the donations will go towards the scholarship fund.*

Please make checks payable to:

**Nathan A. McCandless Scholarship
312 Chicora Rd
Butler, Pa 16001**

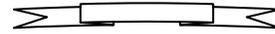
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Pennsylvania TWS Objectives

1. To develop and promote sound stewardship of wildlife resources and of the environments upon which wildlife and humans depend.
2. To undertake an active role in preventing human-induced environmental degradation.
3. To increase awareness and appreciation of wildlife values.
4. To seek the highest standards in all activities of the wildlife profession.
5. To serve the specialized needs of Pennsylvania in wildlife resource management.

—Who's Who on the Board—

2012 Executive Board Members
Pennsylvania Chapter of The Wildlife Society



*President.....*Tammy Colt
*Vice-President.....*Merlin Benner
*Past President.....*Virginia Tilden
*Secretary.....*Scott Bearer
*Treasurer.....*Emily Just
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*Representative.....*Emily Thomas
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*Coordinator.....*Wendy Vreeland
At-Large Members.... Mario Giazzon
Christina Voorhees
Clayton Lutz
Samantha Pedder

PA TWS T-shirts have been to.....

SANIBEL ISLAND

Jeannine Fleegle remembered to pack her PA TWS t-shirt for her trip to Sanibel Island, a barrier island off the Gulf coast of Florida. Good work Jeannine. The area may also be known to wildlifers as the home of J.N. "Ding" Darling National Wildlife Refuge.

Show us where you've taken your PA TWS clothing. Send photos to Jennifer Dzimiel, Newsletter Editor, at jennifer.dzimiel@aphis.usda.gov

To view our clothing online visit <http://joomla.wildlife.org/pa> and click on "Merchandise." Contact Emily Just, Treasurer, at emjust@pa.gov to order.



Jeannine Fleegle, PA TWS Website Manager, enjoying the beach on Sanibel Island in southwest Florida.



THE WILDLIFE SOCIETY PENNSYLVANIA CHAPTER

2012 Membership Application

- Check One: Renewal
 New Member Annual Dues: \$10.00
 Student Member Student Dues: \$6.00
 Lifetime Member Life Membership: \$200.00
 Dues Paid through National Headquarters

The following information is new, updated, or corrected
 unchanged

Name: Dr. Mrs. Miss
 Mr. Ms. _____

Address: _____

Telephone: Home: (____) ____ - _____
Office: (____) ____ - _____ Ext. _____
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E-mail: _____

Please make checks payable to: **PA-TWS**
(Pennsylvania Chapter of The Wildlife Society)

Mail to: Emily H. Just, Treasurer
PA Department of Conservation and Natural Resources
Bureau of Forestry, Ecological Services Section
400 Market Street
Harrisburg, PA 17105

2011-11-02