



The Wildlife Society Pennsylvania Chapter



Newsletter — Winter 2022/23

President's Message

Successful entrepreneur and author Amy Rees Anderson said, “nothing will be more expensive to your company than hiring cheap lawyers, and nothing will be more painful than hiring the wrong ones.” Although we can all agree that lawyers, in general, will always be more expensive than a wildlife biologist, Amy Anderson makes a good point: the least expensive solution is many times not the best, and nothing is more painful than making the wrong decisions.

The field of wildlife management has had a history of providing good solutions and making the right decisions. Success stories in Pennsylvania include the establishment of sustainable populations of game species, such as the eastern wild turkey, white-tailed deer, wood duck, and black bear, as well as the reintroduction and recovery of non-game species, such as the otter, osprey, fisher, and more recently, the piping plover.

When supported by the public and provided the right resources, wildlife biologists across the country make great things happen for wildlife. From expanding populations of the symbolic American Bison to recovering more than 50 species at the edge of extinction under the Endangered Species Act, we have seen just how successful properly funded management can be for the conservation of our nation's wildlife. However, even with these successes, there are still many species in need of conservation. At the national level, state wildlife agencies have identified more than 12,000 species in need of conservation attention. Currently, federal funding is less than five percent of what is necessary to conserve these species. Historically, politics and economics have served as the biggest obstacles for wildlife biologists in their attempts to address the needs of these at-risk species.

Recently, a policy has been pushed through Congress to help address these obstacles. The Recovering America's Wildlife Act (RAWA) is an innovative solution that matches the magnitude of the problem by helping wildlife at risk. The implementation of RAWA will allow the states, territories, and tribes to invest \$1.4 billion annually in proactive, on-the-ground, collaborative efforts to help species at risk by restoring habitat, controlling invasive species, reintroducing native species, reconnecting migration routes, addressing emerging diseases, and more.

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By providing wildlife biologists the resources they need to manage our nation's wild resources, more success stories can be told in the future. As any prosperous company will tell you, success requires good investment and good decision-making. We have the right biologists ready to make the right decisions, they just require the resources to make it happen. The passing of RAWA will help make this happen.

On December 20, 2022, RAWA was unfortunately left out of the spending bill that was presented to Congress due to questions about the funding mechanisms behind the package deal. “It was extremely disappointing,” said Caroline Murphy, government relations manager for The Wildlife Society, who worked with an array of partners to try to pass the legislation. “But I don't think it's a reflection of the work completed by many chapters of TWS and other wildlifers throughout this Congress.” With a great amount of bipartisan support that still remains, hopefully RAWA will be presented to Congress again.



Sincerely,
Dr. Aaron Haines
President, PA TWS

Treasurer's Report

PATWS 2022 YEAR-END FINANCIAL REPORT		
	Actual	Budgeted
EXPENSES		
Jotform	321.02	470
PayPal	60	
Insurance	277	280
Postage and Office Supplies		100
Software	169.59	
Fundraising		
Meetings/Conferences	2800	7000
Merchandise		
Workshops	260	500
Field Days		
Webinars (Zoom)	179.88	180
NE Field Course Scholarship	950	950
Professional Development Grant	1000	1000
Schaadt/Hardisky Graduate Student Travel Grant	1000	1000
Felbaum Scholarship	598	500
Kirkland Award	614	250
Student Conference Travel Grants		300
Best Student Presentation Award	398.9	175
Donations/Support		
Wildlife Leadership Academy	600	600
IDEA Working Group Event	100	
TOTAL EXPENSES	8500.78	13305

PATWS 2022 YEAR-END FINANCIAL REPORT		
	Actual	Budgeted
INCOME		
Membership Dues from TWS	1430	2400
from Jotform checks	576	
	40	
Donations	500	
Fundraising		1000
Meeting/Conference Registration	630	7500
Workshop Registration	260	500
Field Days Registration		
Merchandise		
TOTAL INCOME	3436	11400

Vanguard Investment Accounts

STAR Fund: \$7070.67

Wellesley: \$5842.17

Total: \$12,912.84

Tammy Colt, PA TWS Treasurer

amendment on 1/9/2023: actual PayPal expense was \$96.20

PA TWS Professional Development Grant Recipient

Virginia Tilden, Wildlife Biologist II, Department of Military and Veterans Affairs

Thanks to the PATWS Professional Development Grant, I was able to attend the Invertebrates in Education and Conservation Conference (IECC), in Tucson, Arizona this summer. Who wants to go to AZ in summer...to talk about bugs, you ask? ME! Back story: I work at Fort Indiantown Gap (FIG), Annville, PA, primarily with the very rare eastern regal fritillary butterfly. We have a rearing lab at ZooAmerica, and together, with many additional partners, such as Pennsylvania Game Commission, Penn State Dubois, and Clarion University, we are working to reintroduce the butterfly to locations outside of FIG. Our project is made possible by the connections we've made through PATWS and other societies.

Our partners at ZooAmerica introduced me to IECC, which is organized by the Association of Zoos and Aquariums' Terrestrial Invertebrate Taxon Advisory Group (TITAG). TITAG was created to bring attention to this important group of animals within member institutions, and IECC provides an opportunity for all these organizations to come together to collaborate and share their research and experiences surrounding invertebrate conservation. I have attended many conferences offered by a variety of organizations, each of which touch on aspects that are relevant to our project. That being said, captive rearing and reintroduction of butterflies is a niche area within the entomological field, let alone the wildlife field. Having the opportunity to network and stay current on unpublished research at IECC has proven priceless to our efforts.

I am forever grateful to PATWS for the opportunity to partially fund my expenses at IECC 2022. At this year's conference, a FIG coworker and a partner from ZooAmerica presented an update on our rearing and reintroduction efforts. Additionally, a different coworker and myself presented "The 3 Rs of Regal Fritillary Conservation: Rear, Reintroduce, and React: The Unexpected Challenges of Protecting an Increasingly Rare Butterfly Species." We received many compliments on our non-traditional presentation, which touched on experiences and ideas that resonated with individuals working on similar projects.

At IECC, we were able to organize a butterfly roundtable. This was a rare and exciting opportunity to speak with other rearers, breeders, and researchers and really delve into the challenges we are facing, as well as the successes we have achieved, in our respective projects. Our takeaways from this collaboration have propelled our goals for the next season in a new and exciting direction. Our new butterfly consortium has vowed to create a platform to brainstorm and bounce ideas around on a more regular basis. While difficult to narrow down my favorites, other conference highlights include getting a glimpse of unpublished data on the use of drones and AI in monarch habitat research, gaining insights on quantifying cost of captive breeding endangered species, exploring the ecosystems and their inhabitants surrounding Tucson....and eating the most delicious tacos, every day.

Many thanks to PATWS for making this experience possible.

PATWS Hoagy Schaadt and Tom Hardisky Graduate Student Travel Grant Recipient

Joseph Elias, Graduate Student

The Wildlife Society National Meeting in Spokane, Washington was an unanimously successful endeavor. I was fortunate enough to attend. My experience began Sunday with a workshop titled: First-Hand Experience of Forest Management in Practice supported by the Sustainable Forestry Initiative (SFI), Cafferata Consulting, LLC, the Biological Diversity Working Group, and the Forestry and Wildlife Working Group. Due to the inclement weather, we were not able to get into the field. However, that didn't stop the workshop leaders from providing a meaningful education on sustainable forestry for managing both healthy wildlife populations and stakeholder interests. Sunday night concluded with a welcome reception which yielded new professional contacts and reunions with past colleagues. Monday morning started with the Northeast Section of TWS Fall Members Meeting and most notably, the opening plenary by Carol Evans, chairwoman of the Spokane Tribe of Indians, DR Michel, executive director of the Upper Columbia United Tribes, Lydia Parker, executive director of Hunters of Color, and an important message from Interior Secretary Deb Haaland. These speakers emphasized the ecological integrity historically nurtured by indigenous communities, the success thus far with restoring salmon to the Upper Columbia River Basin, and the desperate need for both ecological and cultural healing, which left the conference hall in roaring applause.

Monday, Tuesday, and Wednesday primarily entailed oral presentations from fields like conservation and ecology of birds, disease and toxicology, reptiles and amphibians, endangered and threatened species, and many other respected disciplines. The quality of the presenting researchers gives an enthralling hope for the future of ecological restoration and management. I received the opportunity to share a portion of my thesis in a poster session titled: Microplastic Accumulation in the Gastrointestinal Tracts of Varying Terrestrial Avian Species, where I established meaningful communication with fellow researchers, potential employers, and advisors, as well as showcasing a growing field of research that is crucially needed to move forward with ecological healing. Other highlights of the national conference include the Aldo Leopold Keynote Address by Mike Phillips, quiz bowl competitions, and networking events. As I am sure many attending this conference would agree, this opportunity refreshed my enthusiasm for the wildlife field, my own research, and introduced me to professional relationships that will last a lifetime. Of course, no trip would be complete for a wildlife biologist without exploring the local flora and fauna. I continue to be amazed by the vast conifer forests filled with *P. menziesii* and *P. ponderosa*, roaring streams, and unique terrain nestled between the Cascades and Rocky Mountains. Some birding highlights include a California Quail, Mountain Chickadee, and Varied Thrush.

CALL FOR BOARD NOMINATIONS

Vice President
Section Representative
Secretary
Treasurer
Digital Media Manager
Board Members at-large

Send nominations to
PAChapterTWS@gmail.com



Are you interested in serving your state chapter of The Wildlife Society?

The Pennsylvania Chapter of the Wildlife Society is looking for several board members.

Our elections will be held this spring.

This is a great way to get more involved in your state chapter, network and continue growing professionally!

Stay tuned for emails about upcoming elections.

****you must be a member of both the Pennsylvania Chapter and National TWS to serve****

Board Position Descriptions

President-Elect (Vice-President)- The President-Elect shall perform any duties assigned by the President, including chairing any committees. The President-Elect shall assume the duties of the President in the absence or upon the inability of the President to serve. In the event the President-Elect cannot serve in the President's absence, the Executive Board shall appoint a President-Elect, *pro tempore*.

The President-Elect will serve on the Annual Meeting Committee. The President-Elect will serve as a judge and solicit judges for student papers and posters presented during the annual meeting's technical sessions and coordinate the judging effort and selection process. Additionally, the President-Elect shall chair the Awards Committee, which is charged with soliciting nominations for and selecting recipients of all awards, grants, and scholarships.

Secretary - The Secretary shall be responsible for the files and records of the Chapter. Duties shall also include the recording of the minutes of all meetings, maintaining Chapter correspondence and voting records, and the issuance of meeting notices. The Secretary will oversee the ballot for any Bylaws revisions and ensure certification credits are available for the conference, fall workshops, and similar programming presented by the Chapter.

At least 30 days prior to the annual spring meeting, the Secretary shall prepare and distribute to the membership a ballot listing all candidates for open Board positions in electronic form. The Secretary will also receive completed ballots and forward them to the Nominations and Elections Committee (if convened) for counting purposes.

Treasurer - The Treasurer shall be responsible for the financial records of The Chapter and shall submit summary financial records at the annual spring meeting, for publication in the newsletter, and as directed by the Board. Additional duties shall also include receipt and disbursement of funds as directed by the Executive Board.

The Treasurer serves on the Annual Meeting Committee. The Treasurer will lead fundraising efforts for the annual spring meeting, receive registration forms and payments for the annual meeting and the biennial fall workshop. The Treasurer will also work with the Membership Coordinator to oversee registration for the annual meeting. At least two At Large Board Members as well as any number of volunteers shall assist the Treasurer in fundraising efforts prior to the annual meeting.

Chapter Representative - The Chapter Representative shall represent and serve as liaison to the Northeast Section TWS for The Chapter, provide the editor of the section newsletter with news and items of interest from the chapter area, provide the chapter newsletter editor with section news and activities, and serve as a contact among the section, chapter, and members in their respective areas. The Representative will assist the Section President by verifying mailing addresses, conducting membership drives, polling individual members, and assisting in routine Section Business.

The Chapter Representative will moderate a technical paper session at the annual meeting or find a suitable volunteer to moderate in their place. The Chapter Representative will also serve as a judge for student papers during technical paper sessions or find a suitable volunteer to serve as a judge in their place.

Digital Media Manager - The Digital Media Manager will be responsible for maintaining the Chapter website and monitoring the Chapter's social media outlets. These duties shall include reviewing, editing, and posting documents, materials, and content to the website and social media outlets, as well as electronic management necessary to sustain the chapter website and social media presence.

At-Large Board Members - At-Large Board Members shall provide leadership and advice regarding the affairs of the Chapter and shall serve in other capacities as determined by the President. At least two At-Large Board Members shall assist the Treasurer during any fundraising activities, particularly fundraising prior to and during the annual meeting. At-Large Board Members shall assist with annual meeting activities such as moderating sessions, judging student papers/posters, and other conference activities, or find suitable volunteers to act in their place.

Apply for 2023 Awards and Scholarships

Professional Development Grant

The Pennsylvania State Chapter of The Wildlife Society will award one, \$1000 professional development grant annually to a non-student member of PATWS to attend a conference or professional development program. The Professional Development Grant is intended to provide an opportunity for wildlife professionals to continue their education throughout their career. Those applicants gaining credits to maintain their TWS wildlife biologist certification will be given preference. The grant can be used for registration, travel, lodging, food, supplies, or fees associated with attending a conference or training program.

Hoagy Schaadt & Tom Hardisky Graduate Student Travel Grant

The Pennsylvania Chapter of The Wildlife Society (PATWS) will award one, \$1000 travel grant annually to a graduate student member of PATWS to attend a conference or professional development program. The Hoagy Schaadt and Tom Hardisky Graduate Student Travel Grant is intended to provide financial support for graduate student travel and participation in professional conferences, training programs, organized meetings, and other activities related to professional development. The grant may be used for registration, travel, lodging, food, supplies, or fees associated with attending a conference, training program or other professional development activity.

Gordon Kirkland Lifetime Achievement Award

The Kirkland Award is named in honor of Dr. Gordon Kirkland Jr., noted mammologist, and Director and Professor of Biology at Shippensburg University. The award is meant to recognize mid-career and beyond professionals with demonstrated accomplishments in and dedication to the wildlife field. This is a peer nominated award. This award is available on a biennial basis, only in the even years.

Nominations will next be accepted leading up to the **2024 Annual Conference**

The Frank Felbaum Scholarship

The Pennsylvania Chapter of The Wildlife Society established the Frank Felbaum Scholarship more than a decade ago thanks to the generosity of Frank Felbaum, longtime director of Pennsylvania's Wild Resource Conservation Program and tireless conservationist. The scholarship is a one-time \$500.00 award intended to assist outstanding students who are pursuing a career in the wildlife field. The scholarship is available to any undergraduate student currently enrolled in a wildlife ecology or related natural resources program at a Pennsylvania college or university, or a Pennsylvania resident currently enrolled in such a program at a college or university outside Pennsylvania. The recipient should have a cumulative Grade Point Average (GPA) of at least 3.2 and have demonstrated an interest and commitment to wildlife through volunteer and/or work experience and extracurricular activities, including membership in conservation/ecology clubs. The scholarship is awarded only once per recipient. Applications must include the following items to be considered: Letter of Recommendation, transcript, and essay.

Northeast Section of TWS Field Course Scholarship

The Pennsylvania State Chapter of The Wildlife Society will award one, \$950 scholarship per calendar year to an undergraduate student to attend the Northeast Section of TWS Summer Field Course: Field Techniques and Current Topics in Wildlife Biology. The course provides students with practical, hands-on training in the tools and techniques of field biology and allow them to apply those skills in a variety of exercises. Students will be instructed by practicing biologists from across the region. Visit the Northeast Section website to learn more about the Field Course.

[Applications for each award can be found at the link below.](#)

[Email all materials in one PDF by March 15, 2023 to:](#)

PAChapterTWS@gmail.com

[*normal deadline extended from February 15*](#)

Find the full list of available awards and scholarships here:

[Pennsylvania Chapter: Awards, Grants & Scholarships - The Wildlife Society](#)

The Search for Elusive Weasels

Written by Laura Berry

The status of weasel species in Pennsylvania, such as the Least Weasel (*Mustela nivalis*), are currently unknown. Many suspect a population decline, as sightings recorded in the past 20 years have been in the single digits. Due to their undetermined standing, least weasels have also been overlooked by protection plans, as so little data exists to make an informed decision about conservation efforts. To get a better idea of the status of these mysterious mustelids, the Pennsylvania Game Commission, along with the Western Pennsylvania Conservancy, Pennsylvania Natural Heritage Program, Wildlands Conservancy, and Millersville University, have begun a state-wide pilot study to test survey techniques.



There are three existent species of weasel in Pennsylvania: long-tailed (*Neogale frenata*), American ermine (*Mustela richardsonii*), and least weasel (*Mustela nivalis*). All belong to the family Mustelidae, of which also includes minks, fishers, and otters. Long-tailed weasels are the largest and most common of the weasel species in Pennsylvania, identified by their tail which is often equivalent to at least half their body length (50-100%). They have dark brown fur with a black-tipped tail and white on their chins, chest, and underside. Some northern populations may turn white in winter. American ermine are slightly smaller than long-tailed weasels, but similar in coloration. Their tails are approximately a quarter length of their body and also have a black-tip. Least weasels are the smallest of the trio, nicknamed “mouse weasel.” Coloration is brown above with white below, like the others, but lacks the black-tipped tail. In addition, the tail of the least weasel in comparison to body length is very short, about 10-15% the length of the body.

Scientists often use trapping and hunting records to monitor mustelid populations, as they are secretive mammals who are seldom seen. Preferring to occupy habitats with tall vegetation and thick vegetative cover or rocks, many weasel species can remain undetected by humans, predators, and prey. Because of their inconspicuous nature, researchers must come up with different ways of monitoring

populations that do not involve ‘in-person’ surveys. In the past, trapping records have been used to indicate animal abundance, but this



method to indicate weasel abundance may have limitations. Using trapping records to estimate population can be misleading, as trapping is often used as a form pest-management and commerce regarding pelt-price and demand for fur. If the pest becomes less of a problem or price of fur declines, trappers and farmers might think it best to direct their efforts elsewhere. The frequency of weasels and other mustelids being trapped may indicate a population decline, but it also may just indicate a decline in trapping efforts in general. Because of this potential for inconsistency, alternate methods must be tested and developed.

Such alternative techniques can involve camera trapping with use of scent-lures or bait. These scent-lures and baits are the same as those used by trappers to attract weasels. Current weasel survey efforts in Pennsylvania are using three kinds of camera traps—bucket cameras, box cameras, and open-air trail cameras. A bucket camera trap is comprised of two 5-gallon, downward-facing plastic buckets stacked on top of each other and secured to the ground with stakes. Half to full-circle holes are cut on either side of the bucket along the ground, allowing anything smaller than a mink to enter the trap. The motion-detection camera is set up inside the inner bucket, lens pointed down to photograph any animal drawn in by the scent-lure or bait, which is placed in and around the buckets. This technique has been used successfully with small mammal surveys prior, but weasels are an entirely new trial. Contrary to bucket cameras, box cameras have been identified as a successful survey method for weasels in Europe. The box camera set-up consists of a long rectangular box made of wood or metal, with two circle-holes cut at one end and the motion-detection camera placed on the lid at the other end. The third camera set-up is a trail camera that is simply pointed at an unenclosed area on the ground. All camera set-ups include a scale-bar within the camera view, which gives researchers an approximate size estimate of the wildlife photographed. This can help differentiate between species.

The results of this study will help identify effective survey strategies for weasels and if survey efforts can be expanded to other parts of the state. The goal is to identify non-invasive survey techniques for weasel populations to learn more about the population dynamics and behavior of these elusive species. If surveys provide reliable data on population, more can be done to implement affective conservation efforts, if necessary.

Upcoming Meetings



Northeast Association of
Fish & Wildlife Agencies

Join us for this year's NEAFWA Conference.

April 30 - May 2, 2023

The **78th Annual Northeast Fish & Wildlife Conference** will be held
on **Sunday, April 30 – Tuesday, May 2, 2023.**

Co-hosts Pennsylvania Game Commission and Pennsylvania Fish & Boat Commission look forward to hosting you at Hershey Lodge in Hershey, Pennsylvania.

The call for abstracts is open!

[Annual Conference - Call for Abstracts - NEAFWA](#)

See the symposia that have been announced:

[Annual Conference - Symposia - NEAFWA](#)



Registration for attendees will be available at the end of January, but accommodations can be booked now. See conference website for more details.

Apply for a travel grant from the PA Chapter of the Wildlife Society to cover a portion of your registration costs.

(in lieu of state chapter meeting grants)

TWO grants of \$150 each will be awarded to students who are attending NEAFWA

**All application materials must be sent in by February 15, 2023
To PAChapterTWS@gmail.com**

Upcoming Meetings

The Wildlife Society's Northeast Section Student Conclave will be hosted by the Pennsylvania State University DuBois Student Chapter. The location of conclave is Camp Mountain Run in Penfield, PA

April 14-16, 2022



Find more information at:

**[ANNUAL TWS STUDENT CONCLAVE -
The Wildlife Society](#)**

The Wilson Ornithological Society's annual meeting will be held at Muhlenberg College in Allentown, PA.

June 20-23, 2022

Find more information at:

**[Future Meetings | Wilson Ornithological Society
\(wilsonsociety.org\)](#)**



**The Wilson
Ornithological
Society**



Fall Workshop Highlights

Written by Emily Sandly

On Saturday, October 1, 2022, the PA Chapter of the Wildlife Society held its first in-person fall workshop since before the COVID-19 pandemic. Several students and professionals in the wildlife field traded some of their books and gear for binoculars as we braved a windy, rainy day on top of Hawk Mountain. Hawk Mountain Sanctuary was founded in 1934 and is the world's first sanctuary for birds of prey. In addition, Hawk Mountain is the longest running raptor migration count site. An average of nearly 17,000 individual raptors migrate past the North lookout during the fall season, located 1 mile from the trailhead, which is where the official raptor migration count takes place. From August 15-December 15, the annual fall migration count attracts birders, hikers, and foliage enthusiasts.

The workshop began in the Irma Broun-Kahn Education Building with raptor care specialist and educator Riley Davenport. Riley gave the group an introduction to raptors and their adaptations as birds of prey, tricks for identifying raptors at Hawk Mountain, and information on seasonal migration. The group got to meet a raptor up close—an American kestrel, North America's smallest falcon. Tons of great questions were asked. After the morning presentation, the group headed up the lookout trail with a break in the rain. Several songbirds could be heard along the trail, and the group enjoyed getting to know each other, talk about their interests, and observe nature together.

Despite the dreary forecast, Bracken Brown (biologist/naturalist) was still atop the North lookout in the counter's pit. Looking out over the Kittatinny Ridge and to the North in search of migratory raptors, Bracken informed us that flight conditions and projected rainfall would likely mean few raptors would be seen. Without fail, however, both turkey and black vultures were off the roost nearby. After some time at the lookout we managed to see several clusters of Cedar waxwings and some local Sharp-shinned hawks flying near the lookout with the gusty winds.



Some took the opportunity to snack and we eventually decided to try and beat the rain to make it to the Visitor Center. Upon our group's descent, we got stuck in a fairly heavy period of rain. Once we made it to the bottom of the trail, we took a formal lunch/dry off break in the Visitor Center and caught a second raptor program. The final presentation of the day was a focused lecture on the Broad-winged hawk project and ongoing research efforts by Dr. Laurie Goodrich.

The fall workshop was a success and we were able to secure a DEI grant which allowed for several students to attend the workshop at no cost.

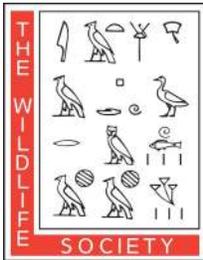
The funds made from workshop registration were donated back to the Conservation Science Department. It was a great introduction to raptors and birds of prey, local to global conservation efforts, education and outreach, stewardship, and great work in the non-profit sector.



Job Search

Graduating soon? Looking for summer fieldwork?

There are so many great online resources to help you in your job search. From The Wildlife Society, Texas AM, and agency websites, find the perfect position for every step in your career goals!



The Wildlife Society Careers

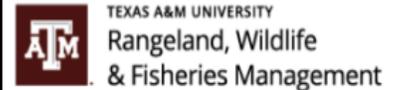
[Recent Jobs - The Wildlife Society](#)

Find more information on careers and resume building:
[Wildlife Jobs - The Wildlife Society](#)

Natural Resources Job Board

[Natural Resources Job Board \(tamu.edu\)](#)

Search for seasonal employment, graduate assistantships, internships, volunteer positions and more!



Commonwealth of PA Jobs

[Employment Open Jobs \(pa.gov\)](#)

Find open or internal employment opportunities with state agencies. The Department of Conservation and Natural Resources (DCNR), the Pennsylvania Game Commission (PGC), and Department of Environmental Protection (DEP) post positions here.

Federal Agency Jobs

[USAJOBS - The Federal Government's official employment site](#)

Search for federal agency positions. The US Fish and Wildlife Service (USFWS), USDA Forest Service, US Geologic Survey (USGS) post vacancies and positions here.



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.



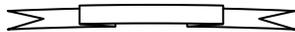
Follow us: @PA_TWS



Follow us:
@PAchapterTWS

—Who's Who on the Board—

2022 Executive Board Members



President.....Aaron Haines
Vice-President.....Kyle Van Why
Past President.....Craig Hicks
Secretary.....Franny Buderman
Treasurer.....Tammy Colt
Northeast Section Representative.....Emily Thomas
Digital Media Manager.....Courtney LaCivita
Newsletter Editor.....Emily Sandly
Membership Coordinator.....Lillie Langlois
At-Large Members...Mario Giazzon
Nokota Harpster
Clayton Lutz
Samantha DiLorenzo

This newsletter is produced at least semi-annually for the Pennsylvania Chapter of The Wildlife Society.

Editor: Emily Sandly

Please email items of interest, comments, questions or corrections to:
esandly@keystone.edu

How to Renew Your TWS Membership

Written by Tammy Colt, PATWS Treasurer

In my office closet, there are a couple of boxes of PATWS files on paper. These are what's left after I purged them of duplicates and whatever was obsolete. One year into my term as treasurer, I've added nothing new to these boxes, because luckily, we can do almost everything digitally by now—**even paying dues**. Yes, that's right, even paying dues. You no longer have to mail a check to the treasurer to pay your dues—you have two other (better!) options.

If you are a member of The Wildlife Society, our parent organization, the easiest way to renew your PATWS membership is to do it when you renew your TWS membership. Just check the box, and \$10 (for professionals) will automatically be added to your bill. One click and you're done. The best thing about this is TWS makes quarterly dues deposits directly into our account, **with no fee to the chapter!**

If you're not a TWS member or just don't wish to renew through the national office, you can renew online using Jotform. You'll find a link to the renewal form under the membership tab on the PATWS webpages (included below). While this system uses PayPal, **you do not need a PayPal account to use it**. You can pay by credit or debit card. PayPal does charge us a fee, however, on a percentage basis, so your full membership payment does not come to the Chapter.

For even less hassle, consider a lifetime membership in the chapter, so you never have to renew again!

Of course, if you insist on sending an actual check and paper renewal form, we won't rip it up and deny you membership, even if it arrives by Pony Express. Just realize that there are more modern options that are a lot easier to keep track of and are less work for your treasurer.

Thank you,
Tammy Colt

Join online by Jotform: [2022 Membership Payment \(jotform.com\)](https://www.jotform.com/2022-Membership-Payment)



THE WILDLIFE SOCIETY PENNSYLVANIA CHAPTER

2023 Membership Application

Pennsylvania Chapter

- Check One: Renewal
 New Member
 Student Member
 Lifetime Member
 Dues Paid through National Headquarters

Annual Dues: \$10.00
 Student Dues: \$6.00
 Life Membership: \$200.00

The following information is new, updated, or corrected
 unchanged

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

Address: _____

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