Happy New Year! I hope everyone had a joyous holiday season. The new year brings new beginnings for NMFWA. We have been making great strides updating our website and membership listserv. Over the past few years, our Membership Committee has been compiling a new database. We sent out our inaugural email using the new listserv so if you did not receive it, please visit our website, www.nmfwa.org, to sign up as a member or to update your contact information.

We have several announcements regarding our upcoming meeting. Registration is now live for our 2019 Annual Meeting and Training Workshop in Denver, Colorado. We have received feedback from our membership to increase the training opportunities and we are excited to offer a wide variety of topics this year on Monday and Friday. Pre-registration is required to attend the training sessions so please plan travel accordingly since seats are limited. We still have spaces available for posters at our Show and Tell event on Thursday, March 7, 2019. Concurrent to the poster session, we have a silent auction and photo contest during the Show and Tell. Please consider making a contribution for the silent auction; all the proceeds go to the Scholarship Committee to support future leaders in natural resources. The annual meeting offers trainings, technical sessions, and outreach via the working groups. We strive to maximize sharing information from across DoD lands. In addition to exposure to policy updates, emerging technologies, and other strategies to enhance natural resources programs, the meeting also offers a great networking component. NMFWA was founded to connect DoD land managers across the country. I credit attending the 2008 NMFWA meeting in Phoenix with introducing me to job opportunities on Guam and allowed me to move throughout the Pacific supporting the Marine Corps relocation from Okinawa to Guam. We hope our membership will enjoy the mixture of a formal program and the social time to interact with colleagues at different installations. You never know what exciting opportunities you may find at the Annual Meeting and Training Workshop.

We are also looking for volunteers to help us at the meeting with AV equipment and room set-up so if you want to become more involved with the association, please contact me, nicole.nmfwa@gmail.com.

Voting for the 2019 Board of Directors will commence soon. It will be done via the website this year and we’ll provide more information when the nominations are announced.

Wishing everyone the best in 2019 and we are looking forward to seeing everyone in Denver.
2019 ANNUAL MEETING & TRAINING WORKSHOP

4-8 MARCH

Sheraton Denver Downtown
Denver, Colorado

*REGISTRATION NOW OPEN*

To Register, visit www.nmfwa.org
Under Registration Type, be sure to select National Military Fish and Wildlife

Pre-registration is required for all the great training workshops and seats are limited – so sign up quickly!
Pre-Registration required for all training workshops:
- Advanced ESA Training Session #1 & #2 - Writing an Effective Biological Assessment
- Climate Smart for INRMPs: Adaptation Planning for DoD Natural Resource Managers
- Monarch Monitoring Protocol / Clean Water Act and 404 Permits - What is Jurisdictional Today
- TWS and NMFWA Certification Application Help
- Strategic Planning Principles and Tools to Improve the Efficiency, Effectiveness, and Collaborative Impact of INRMPs
- Project-Level Climate Adaptation Planning for Natural Resource Managers

The FAWN
- Who can be a member of the National Military Fish and Wildlife Association (NMFWA)?
  Anyone who works in the field of conservation on Department of Defense (DoD) lands, or is interested in a conservation career with DoD may become a member.

- Does it cost to be become a member?
  There is no cost to becoming a member. It’s free, so join today!

- How do I become a member?
  It’s easy! Visit our website, www.nmfwa.org, and complete a simple application form. The Membership Committee will review your application and upon approval you will be added to our member listserv.

- What benefits do I get for being member of NMFWA?
  Membership keeps you connected to other natural resource professionals and informed about NMFWA news and events such as our Annual Workshop and other training opportunities.

- Who is the Wildlife Management Institute (WMI) and why do I register for the NMFWA Annual Workshop through the WMI Website?
  WMI is a professional conservation organization that works to improve the professional foundation of wildlife management. We have partnered with WMI to hold our Annual Meeting and Training Workshop in conjunction with their North American Wildlife and Natural Resources Conference. This allows us to bring our membership a better meeting experience by providing more opportunities to network and learn from our counterparts from other federal, state, and local agencies, in addition to NGOs and leading academics. NMFWA members are also able to attend WMI Conference sessions as well.

- Can I attend the NMFWA Annual Meeting and Training Workshop if I’m not a member?
  Yes. The Annual Meeting and Training Workshop is open to all, members and non-members, as long as you select the National Military Fish and Wildlife Association from the drop down choice for Registration Type.

- Can I show up to any of the trainings?
  Our trainings have a limited number of seats available so pre-registration is required. Tickets will be issued to attend the trainings when you check in at the registration desk. There will be a waitlist in case there are cancellations. Please check with the registration desk to see if there are extra tickets.

- How do I get involved?
  It’s easy, contact any member of our Board of Directors by visiting our website for information on how you can become more involved. Or, if your are attending the Annual Meeting and Training Workshop in March, feel free to approach any member of the current or past Board of Directors to volunteer; we have opportunities to join one of our Committees and to help with AV and room set-up during our meetings.
Who can be on the Board of Directors?
Our board is composed of some of the best conservation professionals in our industry. They range from herpetologists to evolutionary biologists. Together they comprise an amazing team and represent the different Services. We currently have members from Air Force, Army, Marine Corps, National Guard, and Navy. We hold elections every year so if you are interested in running for an office, please contact a member of the Board of Directors.

What is the NMFWA Certification Program? Why should I become a Certified Military Natural Resources Professional?
The goal of NMFWA's certification program is to assist the DoD in meeting its Sikes Act requirement by recognizing trained natural resource professionals. It aims to provide a means by which individuals engaged in Defense Department conservation activities may establish, validate, and obtain recognition of their professional credentials; to guide the DoD, other federal and state agencies, tribes, and the public in defining minimum standards of education and experience for natural resources professionals and to encourage these individuals to meet such standards; and to create and maintain confidence, by the DoD, other federal and state agencies, tribes, and the general public, in the advice and opinions of the Certified Military Natural Resources Professional as educated and experienced professionals who have pledged to act in the best interest of the DoD mission.

What is the benefits of becoming a Certified Military Natural Resources Professional?
Certification provides a means by which individuals engaged in Defense Department natural resource profession may establish, validate, and obtain recognition for their professional credentials. Certification will also make the Association a more effective voice in natural resources stewardship in support of the military mission on military installations.

What is the FAWN?
The Fish and Wildlife News (FAWN) is the official newsletter of NMFWA. You can find the current issue and all past issues of the FAWN on our website.

How can I submit stories to the FAWN?
NMFWA would like to hear from you! If you have an article you’d like to submit, contact your NMFWA Regional Director by visiting the Board of Directors page on our website and clicking on the corresponding Director for your region at https://www.nmfwa.org/our-board.html.

Visit our new website at www.nmfwa.org for more information.
Chester Martin Recognized by The Wildlife Society

At their recent annual meeting, The Wildlife Society, awarded NMFWA Past President Chester Martin the Jay N. "Ding" Darling Award for Wildlife Stewardship through Art, a well deserved and prestigious award.

Chester was a founding member of the National Military Fish and Wildlife Association and he served in many capacities, including President during 2003-2004. He was inducted in the NMFWA Hall of Fame in 2016.

Most of us know of Chester's art through its use on our annual meeting tee shirts and in our programs for many years. Chester published The Art of NMFWA, 1999-2007 as a fundraiser for our association. He has contributed over 50 illustrations for NMFWA programs, and his Greater Prairie Chicken drawing is embossed on our Laurence R. Jahn Award.

His work appears in galleries and shops mostly in Mississippi and Texas and have been purchased by collectors throughout the U.S. He has also illustrated several books and provided numerous drawings for magazine articles as well as technical journals.

Congratulations to Chester and thanks to the TWS for acknowledging what NMFWA members have known all along—Chester’s art is one of a kind. Some of Chester’s work from previous programs is found throughout this edition of the FAWN.
Past Presidents Remain Involved in The Wildlife Society

The Wildlife Society (TWS) recently released its list of members’ contributions to the long-range fundraising project: “The 1000, TWS Leading by Example.” To date the project has produced over $400,000 toward its $2,000,000 goal. NMFWA members continue to lead through the contributions to this fund by Past Presidents Chester Martin, Junior Kerns, Tom Warren, and Gene Stout. These Past Presidents encourage fellow NMFWA members to also become active, including membership, in TWS. One good way to become involved is through the Military Lands TWS Working Group. It is notable that Past President Rhys Evans was instrumental in the forming of this working group within TWS, which highlights the great work done by DoD wildlife professionals.
The Climate Change Working Group (CCWG) is excited to announce the following events for the 2019 NMFWA Workshop in Denver, Colorado:

**Monday, 4 March (0800-1700):** Full-day Training: *Climate Smart for INRMPs: Adaptation Planning for DoD Natural Resource Managers (Must Pre-Register!)*

**Thursday, 7 March (1600-1630):** Technical Presentation by Mindy Clarke (Center for Environmental Management of Military Lands, Colorado State University, Fort Collins) and Ken Carlson (Colorado State University, Fort Collins): *Climate Change Assessment: the nexus with natural resources and infrastructure/engineered adaptation solutions*

**Thursday, 7 March (1630-1700):** Climate Change Working Group Business Meeting

**Friday, 8 March (0800-1700):** Full-day Training: *Project-level Climate Change Adaptation Planning for Natural Resource Managers (Must Pre-Register!)*

**Full Day Workshops**

You will notice we have the unique opportunity to host not just one, but two, full-day training sessions at this year’s upcoming training workshop (course descriptions are available on the NMFWA website). We encourage you to register early. Both workshops have a course capacity, and, if past experience is any indicator, we expect them to fill quickly.

Monday’s workshop will be the formal debut of a DoD Legacy funded training and guide designed for incorporating climate adaptation considerations into INRMPs. Developed by the National Wildlife Federation and Navy’s Space and Warfare Command (SPAWAR) in collaboration with OSD and the military services, the guide and course are tailored to support natural resource managers and planners within the military.

The Friday workshop will be provided by Northern Institute of Applied Climate Science. Participants work in groups to identify climate adaptation actions for real-world management projects that can help natural systems and infrastructure cope with change.

**Technical Session/Working Group Meeting**

On Thursday afternoon, we are pleased to be able to host a half-hour technical presentation session by a CEMML/CSU team that has been working on climate change adaptation strategies for over 80 United States Air Force installations around the world.

Immediately following the technical presentation, we will have our annual CCWG member meeting. If you are an existing member or are interested in learning more about the CCWG, please join our business meeting. We plan to introduce the new Co-Chair and Recording Secretary (elections in February 2019), our website committee chair, solicit your ideas, and discuss plans and opportunities for the year ahead.

If you have any questions, please don’t hesitate to contact the current CCWG Co-Chairs: Christy Wolf (christy.wolf@navy.mil) and Kevin DuBois (kevin.dubois@navy.mil).

We look forward to seeing you in Denver!
CALL FOR POSTERS

What’s happening on your post, base, or installation? The time has come to showcase natural resources accomplishments. Come share your success stories or your not so success stories with the NMFWA and WMI community. Tell us about your projects, surveys, cost saving tools or perhaps even interesting observations.

Please contact Roland Sosa at roland.sosa@navy.mil with any questions and to save a space for your poster.

There is no costs associated with the presentation of posters and they are a great way to justify travel to the Annual Meeting and Training Workshop.

Don’t have a poster to present? How about entering the photo contest! See Photography Contest rules on Page 12.
Navy to limit sonar, explosions in more areas off East Coast to protect endangered whales

By Brock Vergakis
Virginia Pilot Staff writer
Oct 31, 2018

The Navy is expanding the area in which it limits the use of sonar and explosives off the East Coast as part of an effort to help protect the endangered North Atlantic right whale.

The whales were nearly hunted into extinction by the 1890s and today there are only about 450 left, according to the National Marine Fisheries Service.

While the biggest modern day threats to the whales are entanglement in fishing gear and direct strikes from vessels, underwater noise pollution can interfere with their communication and affect their behavior, the fisheries service said.

The large black whales travel to New England in the warm months to feed and mate and south to Florida to have their offspring in winter. They're recognizable by their lack of a dorsal fin, broad tails and raised patches of rough skin on their heads. Occasionally, they roam in the same areas that submarines, warships and helicopters that use sonar or deploy torpedoes or other explosives train and operate in.

To comply with federal laws protecting marine mammals and endangered species, the Navy works with the fisheries service to reduce its impacts through mitigation areas. In the northeast, the mitigation area is expanding to include the right whale's entire critical habitat area to limit the use of sonar and explosives.

"For validated national security reasons we can still use those systems up there, but other than that we would work to not go there if we don't have to," said Jene Nissen, acoustic policy manager for Norfolk-based Fleet Forces Command.

The Navy also has committed to not conducting shock trials on ships near its Jacksonville, Fla., operating area during calving season from Nov. 15 through April 15. Shock trials are used to verify a new ship's ability to withstand nearby underwater explosions.

The Navy also will broadcast awareness messages to its ships giving the locations of right whales that are spotted so they can reduce vessel strikes and operate at lower speeds during certain seasons when there have been reports of nearby whales. Under new regulations that will take effect in mid-November, the Navy is expanding its mitigation in the southeast about 50 nautical miles along the coast of northern Georgia from the shoreline out to 12 nautical miles.

U.S. Navy

ATLANTIC OCEAN (Aug. 16, 2008) A 10,000-pound underwater explosion rocks the amphibious transport dock USS Mesa Verde (LPD 19) during a shock test off the Florida coast. The test is part of Navy trials for the San Antonio-class ship, which was commissioned last December.

Continued on next page
Nissen said most training, including that by ships based in Hampton Roads, already occurs farther out to sea than the mitigation areas. The Jacksonville operating area extends 100 miles off the coast, he said.

But he said the only sonar that would be used in the expanded area where right whales are most likely to be found is for mine warfare exercises and for navigation training to prepare for the possibility of using sonar during periods of low visibility, such as approaching a port.

"Mitigation to limit the use of active sonar to the maximum extent practicable and not use certain explosive and non-explosive munitions will help the Navy further avoid or reduce potential impacts on North Atlantic right whales year-round in their most important feeding areas, a mating area, and the northern portion of their migration habitat," the Navy's environmental impact statement says.

Separately, the Navy also has agreed to not use explosives in certain parts of the Gulf of Mexico, except during mine warfare training, in order to protect the Bryde's whale. There are less than 100 of that species in the Gulf of Mexico, according to the fisheries service.
PHOTOGRAPHY CONTEST

The annual NMFWA Photography Contest will be held in conjunction with the Show and Tell Reception at the upcoming Annual Meeting and Training Workshop.

Contest rules are as follows:

1. Photos must be taken by the participant. Anyone registered at the NMFWA conference is eligible to enter.

2. Photos must be mounted on stiff backing such as photo board, art board, or foam core, etc. Matting is optional. Do not submit photos in glass frames. Each photo must have the name and address of the photographer clearly marked on the back, along with the entry category.

3. Photos must be at least 5 X 7 inches and no larger than 11 X 14 inches in size (not including mat or board). Color and black and white prints are acceptable. Slides are not allowed.

4. Each photo must qualify in one of the following categories:
   a. Wildlife (any species is acceptable)
   b. Installation field activities (photo must have been taken at a DoD installation or project site to qualify for this category)
   c. Landscapes/scenic (any location is acceptable)
   d. Humor/fun (includes wildlife or people in humorous poses, people taking part in fun activities such as NMFWA meeting, studio shots, etc.)
   e. Botany (any plant species is acceptable, this includes fungi and alga).

5. Each participant may enter up to two photos in each category. One prize will be awarded in each category. Participants at the Show and Tell Reception will vote on the winning photos.

6. Bring your photos with you and submit them before the Show and Tell Session.

7. Members will vote on the best photo in each category.

The POC for the contest is Bob Schallmann at robert.schallmann@navy.mil

SHOW US YOUR BEST SHOT!
Fort Hood Cub Scouts improve community birding hot spot

By Scott Summers, Environmental Protection Specialist-Fort Hood

Cub Scouts of Pack 221-Fort Hood learned about songbirds that live at the central Texas Installation, spending half a day clearing brush and removing leaf debris from a park water feature designed to attract birds including the endangered golden-cheeked warbler. The feature uses end-of-the-line water that by design, keeps park water potable. The purpose of flowing the water down a steep hill trickling along rocks helps birds during hot and dry weather.

“The water feature helps birds survive dry periods because it always runs from the park water line. And just as important, it gives Soldiers stationed here a place to rest and enjoy peace and solitude at a park where you can sometimes hear distant booms in the background from training exercises as close as 13 km away in live fire,” said John Macey, endangered species biologist.

The scouts needed to complete two objectives: First, to learn about endangered species, and second to complete a conservation project to benefit local wildlife and the community. Bear scout leader and 13th ESC CPT(P) Christopher Zimmer Jr. coordinated the workday with the Natural and Cultural Resources Management Branch, the agency that balances the mission of wildlife management with military training.

“I believe it is critical that we teach our youth about the importance of protecting our natural resources and to foster a passion for environmental conservation.” Zimmer said. “This project allowed our Scouts to learn about the importance of protecting endangered species and it gave them an avenue to make a difference.”
NMFWA Membership Update

Todd Wills (NMFWA Membership Committee Chair) reports that Bill Berry (Membership Committee member and NMFWA Secretary) has successfully created a new database for tracking membership and has completed the initial scrubbing of membership data. Based on the current data, NMFWA membership stands at 878, 679 DoD members and 199 Non-DoD members.

Keeping the database current is the new challenge. Members are asked to please contact Bill (william.h.berry@usmc.mil) if you have any life changes (retire, new job, new email address, no longer wish to be a member, etc.). It is only through membership support of this effort that we can keep the database current.

If you know of anyone who is not a member and would like to join, please ask them to go to the NMFWA website (https://www.nmfwa.org) and click on ‘Join Today’ under the ‘Join’ green box.

If you have any questions please feel free to contact Todd Wills (todd.wills@navy.mil).

Seeking Interested Parties for Establishing New NMFWA Working Group!

Interested in innovative technologies, approaches, and methods for natural resource management and conservation on installations? NMFWA members Rick Lance and Brent Koenen have proposed a new NMFWA working group, tentatively titled The Emerging Tools Working Group, and we are seeking interested parties that might like to help in forming and joining the group. The Emerging Tools Working Group would provide NMFWA members a forum for interacting and sharing knowledge, skills, and ideas on the use of emerging technologies, methods, applications, and approaches for DOD natural resources management and conservation. This working group would also serve as mechanism for distributing information on emerging tools to NMFWA members unable to attend Annual Training Workshop, provide a body of expertise for NMFWA to draw on with regard to emerging tools, and help identify and develop training opportunities (typically in conjunction with the NMFWA workshop) for NMFWA members interested in new approaches and technologies as part of their professional development.

If you think such a working group would benefit the military mission and be of use to you in your position, and if you’d like to be part of it, just shoot an email to Rick (richard.f.lance@usace.army.mil) or Brent (brent.koenen@us.af.mil) and let us know!
We sadly announce the passing of Mitch Perdue, NMFWA member and longtime biologist with Naval Facilities Engineering Command Southwest. Mitch passed away in his sleep while on vacation with his family in November 2018.

Mitch began his career with the Navy in 1988 as a Natural Resource Specialist with Western Division Naval Facilities Engineering Command in San Bruno, CA. A year later he moved to San Diego to join NAVFAC Southwest (then called Southwest Division). Mitch dedicated his career to supporting the Navy mission while championing both marine and terrestrial conservation programs. Mitch provided critical support to several major Navy projects including Naval Base Point Loma's new Fuel Pier, the NAVFAC-wide Dive Safety Program, development of an Eelgrass Mitigation Bank to support future Navy activities in San Diego Bay, and the homeport facilities for the Nimitz-class aircraft carriers at Naval Base Coronado.

Mitch loved the outdoors and enjoyed all types of activities from riding motorcycles and dune buggies, water and snow skiing, hunting, hiking, fishing, and camping. He loved the ocean and enjoyed swimming, kayaking, surfing and diving, even becoming a master scuba diver. He also liked to golf and coach softball.

Mitch will be lovingly remembered by his wife Paige, daughters Cache and Callie, and his siblings. He made a huge impact on those around him, both personally and professionally, and he will be missed by all.
William "Bill" D. Severinghaus  
September 15, 1942 – November 30, 2018

William D. (Bill) Severinghaus of rural Mahomet, Illinois, died on November 30. He is survived by Mary, his wife of 42 years, and their two sons, Bill Severinghaus of Rantoul and Steven Severinghaus of Brooklyn. His twin sister Jane (Severinghaus) Haff and brothers Charles Severinghaus and Mark Czerwiec also survive. He also leaves behind many nieces, nephews, grandnieces and grandnephews. He was preceded in death by his father, his mother, and his stepmother.

He was born in Ithaca, New York on September 15, 1942 to Charles William Severinghaus and Ethel Long Severinghaus. Soon after, his family moved to Voorheesville, New York, where Bill and his siblings grew up. After an early pursuit of a culinary career and working as head chef in a Syracuse country club, he began following his lifelong love of science. He earned his PhD in biology from the University of Illinois in 1975. Soon after receiving his doctorate, Bill worked for 35 years for the USA Department of Defense USA-CERL in Champaign, Illinois. There, among many other accomplishments, he started the Integrated Training Areas Management (ITAM) program, which taught military installations how to rotate acreage to maintain realistic training grounds for troops. His ITAM program played an important role in the protection of the endangered red-cockaded woodpecker.

Bill was an avid and active member of the Barbershop Harmony Society for many years. His grandfather and father before him were also Barbershoppers, and his son Steve carries on the tradition in Hell’s Kitchen, New York. One of Bill’s proudest achievements was being awarded the Society’s International Award for Public Relations.

Bill and Mary were lifelong birders, carrying their binoculars and field guides from the Pacific to the Atlantic Oceans, to Nova Scotia, Norway, and Germany. They also loved lighthouses, and always included them in their journeys when they could. They were fortunate for many decades to have the use of the old family deer camp in the Adirondack Mountains, where so many Severinghaus family and friends made wonderful lifelong memories of fishing, sailing, swimming, hiking, and blueberry picking in that beautiful wilderness.

He will be remembered as kind man with a great heart, a patient and loving father and spouse, a person of unflinching loyalty to his family and friends, and as a mentor to many. He enjoyed being mistaken for Santa Claus by wide-eyed children while shopping.
Past President Thomas Wray Retires

Dr. Thomas Wray, Wray retired this summer from Dahlgren Naval Surface Warfare Center, VA after an impressive 35 years of Navy civilian service, in addition to his work for other federal agencies and active duty service in the Marine Corps in Vietnam. Thomas was the 5th President of the National Military Fish and Wildlife Association (1992-94), and also served as a Director, Newsletter and Program committees’ chair, and Vice President. He was the first NMFWA representative to the Program Committee for the North American Natural Resources Conference, and served as either the WMI coordinator or host for our annual meetings from 1996 through 2010.

His most notable contributions were his efforts to protect Legacy Act funding from being sent back to Congress by DoD and his efforts toward the eventual passage of the Sikes Act Improvement Amendments of 1995.

In early 1993 NMFWA sent an Action Alert to its members to respond to an attempt by DoD to send $40 million dollars of Legacy Act funds back to Congress. President Thomas Wray also sent letters to appropriate Defense and Congressional officials, an action that was not appreciated from some Command levels.

President Wray testified (taking leave from his job) in favor of the Sikes Act on November 3, 1993. He was the first NMFWA officer to testify in Congress on behalf of the Association and led NMFWA in its longest and most challenging battle for the Sikes Act during his tenure in office. The Sikes Act continues to be one of the most important pieces of legislation for natural resources management on military lands today thanks to Thomas’s efforts.

The Association obtained a Legacy Act grant to conduct three workshops on Natural and Cultural Resources Communications. Wray was Project Officer for this effort. It is the first time the Association applied for an outside grant. This effort led to establishment of a Communications Workshop, Verbal Victories: A System for Surviving Difficult Communication Situations, in conjunction with the 1997 meeting in Washington, DC. Thomas Wray did most of the work for this workshop.

Good luck Thomas on your hard-earned retirement.
We hope to see you at future NMFWA meetings!
Send in your photo/s with a caption and tell everyone what you did the last time you got “Out of the Office.”


This year's project was identified by Natural Resources Program personnel at NSA Hampton Roads to support of the National Environmental Education Foundations focus on resilience and restoration. The project involved building on past projects designed to prevent erosion, restore the shoreline buffer, and provide cleaner water for the Lafayette River, one of the Chesapeake Bay Foundation’s priority rivers. The volunteers helped dispose of over 100 pounds of trash and debris as well as plant over 200 native wetland plant species along the tidal area. Future projects are already being discussed to coordinate with local partners and continue the successful restoration of the Lafayette River.

Submitted by Blake Waller, Eastern Regional Director, NAVFAC MidLant, Norfolk, VA
 Idaho Air National Guard Biologist Zoe Tinkle handles a female adult ferruginous hawk trapped for study near the southern edge of the Orchard Combat Training Center. The hawk was outfitted with a GPS transmitter to track her movements on and off the training area.

A female adult ferruginous hawk trapped for study near the southern edge of the Orchard Combat Training Center was outfitted with a GPS transmitter to track her movements on and off the training area.

[NOTE: all hawks were handled by trained professionals with proper permits.]

Submitted by Zoe Tinkle, Western Regional Director, Idaho National Guard
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The USDA National Invasive Species Information Center has numerous conferences and training workshops: [www.invasivespeciesinfo.gov/news/calendar.php](http://www.invasivespeciesinfo.gov/news/calendar.php)

DENIX has a list of upcoming conferences and meetings: [http://www.denix.osd.mil/conferences/](http://www.denix.osd.mil/conferences/)

Ecological Society of America Annual Meeting  
Louisville, Kentucky  
August 11-16, 2019  
[https://esa.org/louisville/](https://esa.org/louisville/)

The Wildlife Society Annual Meeting  
Joint meeting w/ American Fisheries Society  
Reno, Nevada  
September 29-October 3, 2019  

Society for Range Management,  
Minneapolis, MN  
February 10 – 14, 2019  
[http://www.rangelands.org/events-abstracts/](http://www.rangelands.org/events-abstracts/)

Society of American Foresters National Convention  
October 30 to November 3, 2019  
Louisville, Kentucky  
[https://www.eforester.org/](https://www.eforester.org/)
2019 NMFWA Annual Training Workshop

March 4-8, Sheraton Denver Downtown - Denver, CO

NOTE: Titles and affiliations are for informational purposes only and do not present the individuals as spokespersons of the Department of Defense or agency/installation listed.

FISH AND WILDLIFE NEWS (FAWN)
OFFICIAL NEWSLETTER OF THE
NATIONAL MILITARY FISH AND WILDLIFE ASSOCIATION