



WILDLIFE TRACKS

*The Quarterly Newsletter of the
Colorado Chapter of The Wildlife Society*

Fall, 2021



Chapter Officers

President:

Nate Bickford

Past President:

Nathan Galloway

President Elect:

Nate Jones

Treasurer:

Matt Rustand

Secretary:

Mark Fletcher

President's Column

Dear Colorado Chapter of the Wildlife Society,

We will soon have the opportunity to see and learn about all of the amazing research occurring around the world at the National Meeting in November. I am getting excited about all of the research I hear about, and I am looking forward to interacting with people at the meetings (even virtually). I always leave the meetings inspired by those I have spoken to and the numerous ideas for projects that came out of discussions. I have found that so many of my favorite research project ideas have come from discussions over drinks at the TWS meetings.

However, thinking about the national meeting brings thoughts to the Colorado Chapter annual meeting in February. In our board meetings we have been agonizing on our course of action and whether we should we go virtual again or go back to in person meetings. There are obvious health concerns about going back to the in-person meetings. For example, there are concerns about agency individuals having restrictions on travel that may affect traveling to a meeting. This creates such an unknown for and uncertainty for planning a meeting in the near future. If only a quarter of the people could attend, which in turn could have devastating consequences to the CCTWS budget. Therefore, we have decided to have an online business meeting and a one-night student and early career presentation session. We do plan to offer workshops for those interested, these will be offered virtually. We will also have our membership benefit committee working overtime creating opportunities for the members of the Colorado chapter.

On another note, 2021 has been tough for many of us personally and tough for the wildlife we love and appreciate. As we learn to navigate the everchanging pandemic stricken world do not forget the people and places that make life special. I encourage you to go out of your way to be positive and become a driving force for your passions. This will allow US as a collective to make life and our world a better place for all.

Thank you for allowing me to have a voice and a positive place to have my message presented.

I wish you and your family all the best.

Nate

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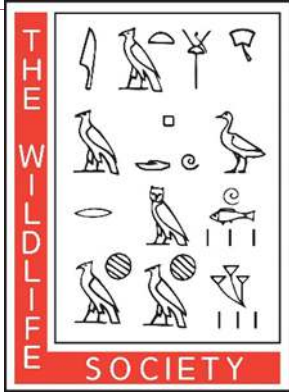
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Annual Meeting



Call for Abstracts and Save the Date!

Presentations, Posters, and IGNITE The Colorado Chapter of The Wildlife Society

Annual Meeting: Virtual!

Presentations: TBD

Plenary: TBD

We invite you to present an oral presentation (traditional format) on the topics of wildlife research, ecology, management, conservation, education, or policy at the 2022 annual meeting of the Colorado Chapter of The Wildlife Society. For the traditional oral presentations, all topics are welcome, and we strongly encourage students to present. All student presentations will be considered for the “best presentation” and “best poster” awards, which include a gift certificate and recognition at the end of the conference.

Traditional oral presentations: 15 minutes allotted for each presentation. Presentations will be pre-recorded and turned in prior to the conference date, and presenters will be asked to attend for a question-and-answer session with their video recording. All presentations will occur via Zoom video conferencing.

Abstract submission deadline: TBD for traditional oral presentations (via virtual format)

Options for submitting abstract: Please include any dates you are NOT available for Q&A sessions so we can schedule your talk on a date you are able to answer questions!

1. Download, complete, and submit the fillable Abstract Submission PDF available at the CCTWS meeting website and e-mail to Marcella Tarantino at marcella.tarantino@birdconservancy.org (PREFERRED METHOD).
2. Submit abstracts and all required information as Microsoft Word attachment to Marcella Tarantino at marcella.tarantino@birdconservancy.org.

Annual Meeting



Colorado Chapter of the Wildlife Society Abstract Submission Form

Please fill in all of the following information for your abstract to be considered. You may create and use your own form, but please be sure to include all of the following information. Please denote author affiliations with superscript numbers.



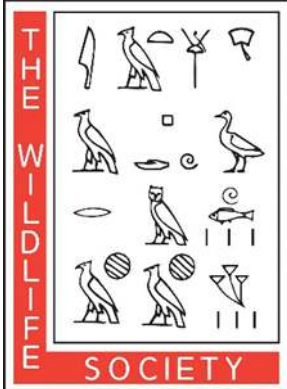
Author Information	
Presenter:	
Affiliation:	
Is the presenter a student?	<input type="checkbox"/> Yes <input type="checkbox"/> Graduate <input type="checkbox"/> No <input type="checkbox"/> Undergraduate
Mailing Address:	
Telephone Number:	
E-mail Address:	

Presentation Preferences	
Please check the box to the right indicating what kind of presentation you would like to give. See the official call for abstracts for details about each type of presentation.	<input type="checkbox"/> Traditional presentation (20 minutes)
	<input type="checkbox"/> [REDACTED]
	<input type="checkbox"/> [REDACTED]

Annual Meeting

Abstract
Title:
Authors:
Affiliations:
Abstract (250 words or less):

Annual Meeting



Photography Contest

The Colorado Chapter of The Wildlife Society

Annual Meeting: Virtual Event

We invite you to submit a photograph at the 2022 business meeting of the Colorado Chapter of The Wildlife Society, to be judged by popular vote.

Photographs can be from work or recreation, and categories include Amphibians, Reptiles, and Fish; Birds; Invertebrates; Mammals; Game

Camera; Human Dimensions; Landscapes and Still Life (including flora); and Creative/Comedic. Each member may submit up to three photographs and there is no fee to submit a photograph.

Winners will receive a prize. Our contest will be virtual this year! To submit a photograph, please send a digital copy to Marcella Tarantino at Marcella.Tarantino@birdconservancy.org and provide the following information with your submission.

Photographer	
Photographer's contact information	E-mail address: Phone number: Physical address:
Photograph Information	Title: Genus/Species: Description: Is photo edited?:
Category	<input type="checkbox"/> Amphibians, Reptiles, and Fish <input type="checkbox"/> Birds <input type="checkbox"/> Invertebrates <input type="checkbox"/> Mammals <input type="checkbox"/> Game Camera <input type="checkbox"/> Human Dimensions <input type="checkbox"/> Landscapes and Still Life (including flora) <input type="checkbox"/> Creative/Comedic
Other information	Is subject a captive animal or cultivated plant? <input type="radio"/> Yes <input type="radio"/> No Does photograph adhere to ethical field practices?* <input type="radio"/> Yes <input type="radio"/> No Does the photographer agree to have their photograph posted on a virtual contest, through Google Forms? <input type="radio"/> Yes <input type="radio"/> No Does the photographer agree to allow winning photographs to be posted to the CCTWS Facebook page? ** <input type="radio"/> Yes <input type="radio"/> No

*See ethical field practices of photography from the North American Nature Photography Association (NANPA) standards (<http://www.nanpa.org/advocacy/ethics/>).

**Answer to this question will not impact ability of anyone to participate – only to share winners.

Announcements

The Board of the Colorado Chapter of The Wildlife Society (CCTWS) is searching for a volunteer to chair the Professional Awards Committee. This committee is responsible for both soliciting and judging nominations for professional awards. Professional awards include but are not limited to: Professional Achievement in Habitat Management, Professional Achievement in Wildlife Management, and Professional Achievement in Wildlife Education. The Chair and committee can also identify other awards as deemed appropriate and approved by the Board. Ideally, the Committee Chair is well connected within the Colorado wildlife sciences professional community and has an interest in highlighting extraordinary achievements by fellow scientists, managers, and educators. Tasks will include: 1) preparing a call for nominations posted in the CCTWS fourth quarter newsletter, 2) maximizing the number of nominations received, and 3) establishing a panel of judges to select award recipients. Interested individuals should email President-Elect, Nate Jones, at nate.f.jones@gmail.com.

Dr. Edward B. Arnett, CWB®, will be the next Chief Executive Officer of The Wildlife Society.

Ed is a longtime TWS member and has had a diverse career in the wildlife profession, having worked for government agencies, private industry, universities, and conservation non-profits. His work spans wildlife management and research on a range of species—from bats to bighorn sheep—policy advocacy, program administration, and technical and public communications across different media.

A search committee composed of representatives from among TWS members, staff, non-profit partners, and Council recommended that Ed be selected at the conclusion of a robust application, interview, and reference check process. TWS Council enthusiastically endorsed the search committee's recommendation and approved hiring him.

Ed is a dedicated, ethical, and passionate wildlife professional who will serve as a great leader for our Society. I, along with the rest of Council, look forward to working with him to continue enhancing our member benefits and services, and pursuing our mission to inspire, empower and enable wildlife professionals.

Ed will officially start as the CEO on Monday, November 1.

Student Chapter Updates

Western Colorado University

Gunnison, Colorado

At the end of the 2021 spring semester, our chapter members built bluebird boxes to replace broken ones along highway 135 towards Almont, CO. The supplies for these birdhouses were bought using CCTWS funds. Throughout the semester we were also able to use the funds for weekly prizes and gift cards to thank your guests and speakers. We as a chapter, and the bluebirds, say thank you for the financial support. This 2021 summer has been quite busy for our TWS members. As a group we participated in the iNaturalist BioBlitz competition against other student chapters in the country. We recorded 429 species of plants, animals, insects, and fungi through 576 observations.

Although we didn't have any in person events over the summer, our members were busy with outdoor adventures. Western's Chapter President, Alyssa Rawinski, completed an



undergraduate research project at the Rocky Mountain Biological Laboratory in Gothic, CO on burying beetle ecology and behavior. Alyssa found that changing climate has most likely influenced beetle range-shifts in Gunnison County, Colorado. Our TWS secretary, Chloe Beaupre, helped our local CPW biologist map mule deer and elk migration corridors and winter ranges in the Gunnison Basin using GPS collar data. Chloe also went on an adventure retrieving a bighorn sheep collar that dropped pretty far out from any trailhead. She explained, "to save battery, the collar was only emitting radio frequencies from 8AM to noon so my boss suggested I literally run to it. Fortunately, I love trail running and the telemetry gear fit in my little

running vest. I hustled and found the collar at 11:54 under a rose bush in the nick of time!"

In the coming semesters, we hope to have more in-person events as the pandemic slows down. We plan to use some of the CCTWS funds to send our members to the national and annual state TWS conferences in the upcoming fall and winter. We are very thankful for the support provided by CCTWS.



Student Chapter Updates

Colorado State University Fort Collins, Colorado

Despite constraints from COVID, the fun carries on! We were able to continue our biweekly meetings over zoom, go on group hikes, and continue our involvement with the Colorado Parks and Wildlife raptor monitoring program!

A highlight from the past semester was a birding hike with PhD student Rebecca Cheek, who also gave a presentation for the chapter. The hike took place at a local natural area, and exercised ID skills and provided connection between fellow wildlife students and wildlife professionals.

In conjunction with the Urban Wildlife Information Network (UWIN), we have continued and expanded our camera trap project. We collaborate with local schools to put camera traps on school properties to provide students with an introduction of the wildlife profession. Funding was used to purchase additional camera equipment. With fewer COVID restrictions, we plan to use remaining funds to host painting nights, a photo contest, and to assist members taking part in the national TWS meeting!



Organization members, including secretary Julia Webb (far left), observe local birds with binoculars.

Chapter members Robert Monohan (left) and Alan Sralik (middle) listen to Rebecca Cheek's (right) description of a bald eagle.



Student Chapter Updates

Colorado State University - Pueblo

Pueblo, Colorado

In August, students were invited to participate in the annual Pikes Peak sheep count hosted by CPW. Students interacted with District Wildlife Managers and Biologists to cover several different routes and classify sheep by sex and age.



Above is Grace Abbett (vice president) with District Wildlife Manager Cassidy English.

We were thrilled to purchase new t-shirts with funding provided by the state chapter. Our hope is that by selling our t-shirts, we will be able to fund more activities to support our members and their professional development. Our members are excited to represent The Wildlife Society and our chapter and hope to get the word out to other students on campus.



Featured above left to right are Grace Abbett (VP) Raegan, Alyssa, and Bill with our new merch.

Our chapter has also been busy logging species in the Bio Blitz. We were so proud to log 2,000 observations overall and secure 8th place in June and July! Not only has this been an amazing opportunity to meet other students and engage in forays, but it has also given us an opportunity to learn more about the species we live around and where to find them. We were particularly excited to learn about the unique plant species around the Geneva Iron Fens.

Our student chapter had an eventful summer and our members are looking forward to our upcoming events this fall!

Inclusivity, Diversity, Equity and Awareness (IDEA) Committee

In June 2021, the CCTWS Board approved the proposed statement on diversity, equity, and inclusion generated by the CCTWS Inclusivity, Diversity, Equity and Awareness (IDEA) Committee. The statement is printed here. The point of creating a CCTWS IDEA (or DEI) statement was the first step in increasing the institutional awareness about our organizational diversity and inclusivity, to identify areas where we fall short on anti-discrimination policies and culture, and to make relevant and proactive changes to become a society of inclusive excellence and eliminate barriers to full participation and opportunity for all. The important phase of our IDEA efforts has arrived: implementation of the IDEA Statement. In the weeks and months ahead we will begin to implement aspects of this statement. The IDEA Committee invites your participation in this process. We would benefit greatly from your participation on the committee, your communications about values and approaches to improve our diversity and inclusivity culture, and your participation in an upcoming survey to gauge the current diversity of our organization and the equity and inclusivity of our organizational practices. Thank you so much and please reach out to any of us on the CCTWS IDEA Committee with questions, concerns, or ideas.

Here's the CCTWS IDEA Statement:

FINAL DRAFT FOR CCTWS BOARD ADOPTION 23 June 2021

Colorado Chapter of the Wildlife Society Inclusion, Diversity, Equity and Awareness IDEA Statement

The Colorado Chapter of the Wildlife Society (CCTWS) values human diversity as a foundation of the Chapter's identity and culture, philosophical framework, and operational priorities. We further strive to be an anti-discriminatory organization that identifies and removes barriers for individuals from underrepresented groups and all walks of life (based on race, disability, gender, sexual orientation, marriage or civil partnership, pregnancy or maternity, religion or belief, ethnicity, education, economic status, employment, nationality, and physical or mental ability). We endorse and comply with The Wildlife Society's Position Statement on Workforce Diversity within the Wildlife Profession (<https://wildlife.org/tws-standing-position-workforce-diversity-within-the-wildlife-profession/>). Whereas our chapter values inclusion, diversity, equity and awareness (IDEA), the CCTWS currently remains characterized by lacking diversity in our membership. With this statement, we clearly convey our support for and commitment to IDEA values and provide approaches to implement IDEA strategies. Our statement acknowledges the importance of IDEA within our chapter and in our communications and collaborations with other TWS chapters, wildlife professionals, natural resources managers and scientists, and stakeholders including the public.

The CCTWS will enact the following approaches to bolster efforts to enhance the operationalization of IDEA values:

1. The CCTWS will quantify our current membership diversity and with a baseline we will strive to increase diversity in our chapter especially in areas where we lack significant representation. A committee will be formed to develop a process to survey members and determine appropriate metrics of improvement and success.
2. The CCTWS will develop new or create access to existing IDEA training modules and/or workshops including implicit bias training, bystander intervention training, and other modules and make these available to members.
3. The CCTWS will create an IDEA Certification for all CCTWS members which will be awarded for completion of a series of trainings. Additionally, IDEA Certification through the CCTWS will be an option for Certified Wildlife Biologists (CWBs) and Associate Wildlife Biologists (AWBs) completing annual professional development. IDEA workshops/training sessions and other similar activities currently qualify for CEUs under Category I of the CWB Renewal and/or Professional Development Certificate applications.
4. The CCTWS will empower the Membership Development Committee to develop strategies and incentives to recruit and retain members from diverse backgrounds. Further, all CCTWS committees will be charged with embracing IDEA efforts into their operations.

Inclusivity, Diversity, Equity and Awareness (IDEA) Committee

5. The CCTWS will support Student Chapter IDEA initiatives and develop opportunities for student chapters to support the CCTWS's diversity work. The CCTWS will collaborate with student chapters to recruit members to their chapters and to state, regional and national chapters. Recruitment efforts may include reaching out to high school and middle school students around the state, as well as to current college students not engaged with TWS. The CCTWS will develop and publish a listing of possible recruitment programs/internships hosted by federal and state agencies and other partners and potentially work with universities and student chapters to develop recruitment programs such as a summer wildlife camp that creates a gateway to a wildlife degree and career. The CCTWS may also work with partners to develop a summer internship that will promote retention of underrepresented students who actively pursue a university wildlife program degree in Colorado.
6. The CCTWS will work with universities and student chapters to develop robust collaborations with other student organizations such as the Society for the Advancement of Chicanos/Hispanics and Native Americans in Science (SACNAS) and Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS), as well as groups like the Black Students' Alliance, Asian and Pacific Islanders organizations, LGBTQ+ groups, among others.
7. The CCTWS will encourage and provide guidance to other Colorado universities to develop student chapters to help introduce and recruit a diversity of students around the state to a career in wildlife through an academic degree program.
8. CCTWS, in collaboration with the IDEA Committee, will host workshops or other events at the annual conference that recognize and honor diversity.
9. The CCTWS board will communicate with the IDEA committee during annual conference planning to ensure a diversity of speakers are invited to and participate in the annual meeting and ensure a diversity of topics are highlighted to reflect the diversity of topics on which Colorado's wildlife biologists work. Honorariums and travel reimbursement will be provided for speakers from underrepresented groups.
10. The CCTWS will recruit diverse members to serve in leadership positions in the organization.
11. The CCTWS will create a Diversity Award to celebrate professional engagement by members who promote IDEA values.
12. The CCTWS will create an IDEA Grant as part of the research, management and education small grants program and will annually award this to a student or professional member from an underrepresented group. Grant applications and communications will include language that encourages and supports the submission of applications from members representing diverse backgrounds.
13. The CCTWS will diversify communications through use of varied platforms to reach current and future members that rely on numerous communications platforms.

The CCTWS IDEA Committee

Elizabeth Peterson

Lissa Niva

Gary White

Patrick Magee, Chair (pmagee@western.edu)

Please join us and feel free to reach out with any feedback.

Board Members

CCTWS Board – September 2021

Officers

President: Nate Bickford

Past-President: Nathan Galloway

President-Elect: Nate Jones

Treasurer: Matt Rustand

Secretary: Mark Fletcher

E-mail Contact

Nate.bickford@csupueblo.edu

nathanlgalloway@gmail.com

nate.f.jones@gmail.com

mrustand@blm.gov

Fletcher@pinyon-env.com

Executive Board: Regional

NE Representative: Sara Kramer

sara.kramer1626@gmail.com

NW Representative: Kathy Griffin

kathy.griffin@state.co.us

SE Representative: Cassidy English

Cassidy.english@state.co.us

SW Representative: Marcella Tarantino

Marcella.tarantino@usda.gov

Executive Board: At-Large

Andrew Don Carlos

Andrew.don_carlos@colostate.edu

Christine Rhodes

cdrhodes@pheasantsforever.org

Casey Setash

csetash@rams.colostate.edu

Emily Latta

elatta@blm.gov

Committees and Chairs, September 2021

Committee	Chair	Chair Contact
Standing Committees		
Annual Meeting	CCTWS Board	nate.f.jones@gmail.com
Diversity, Equity, and Inclusion	Patrick Magee!	pmagee@western.edu
Legislation and Conservation Affairs	Katie Bradfish Erin Blair	katherineb99@msn.com erin.blair16@gmail.com
Newsletter	Alex Fortney	alexandra.fortney@gmail.com
Nomination/Elections	Nate Jones	nate.f.jones@gmail.com
Policy/Resolutions	Nate Bickford	nate.bickford@csupueblo.edu
Professional Awards	Vacant	
Student Awards	Nick Kaczor	nick_kaczor@fws.gov
Membership	Courtney King	courtney.king@western.edu
Conservation and Land Use Review	Cassandra Holman	cassandra.holman@gmail.com
Small Grants and Travel Grants	Emily Latta	elatta@blm.gov
Web Page, Social Media (Marketing)	Aleshia Rummel	Aleshia.fremgen@westernalum.org
Professional Development Programs	Liz Peterson	Elizabethkpeterson@gmail.com
Student Affairs and Mentoring	Katie Gray	katiegray789@gmail.com
Liaisons		
Historian	Danguole Bockus	Danguole_bockus@nps.gov
Jim Olterman/Candace Taylor Investment Fund	Patrick Magee!	pmagee@western.edu
Representatives		
CSU Student Chapter	Remi Pattyn Liaison: Andrew Don Carlos Advisor: Larissa Bailey	remipattyn@yahoo.com Andrew.don_carlos@colostate.edu Larissa.bailey@colostate.edu
Western Student Chapter	Alyssa Rawinski Kristin Ross Liaison: Nate Seward Advisor: Pat Magee!	Alyssa.rawinski@western.edu Kristin.ross@western.edu Nathan.seward@state.co.us pmagee@western.edu
CSU Pueblo Chapter	Angeline Canney Liaison: Cassidy English Advisor: Claire Ramos	Angeline.canney@csupueblo.edu
CMPS President	Shelly Deish	Shelly.Deisch@state.sd.us
CMPS Representative to TWS	Andrea Orabona	Andrea.orabona@wyo.gov
CCTWS Representative to CMPS	Nate Bickford	nate.bickford@csupueblo.edu

CCTWS Treasurers Report

September 2021 Treasurer Report

Incurring a \$20/month bank fee from Bank of the West for our business account

The chapter incurred a \$50 per month charge from MemberPlanet, a membership management website, that was withdrawn from the board's operating budget

As of 7 September 2021

Checking account - \$10,147.20

Reserve Fund Money Market - \$35,232.89

Savings Account – \$508.83

PayPal Account - \$0.00

CCTWS Target Reserve for 2021 - \$37,217.42 (Reserve Fund and Savings account)

CCTWS Meeting Minutes

CTWS Meeting Minutes

To reduce the overall volume of the newsletter we will not be including minutes from our monthly board meetings. CCTWS members who would like to review board meeting minutes are encouraged to visit our website:

<http://wildlife.org/colorado/meetings/>

Membership Form

Become a TWS member: <https://wildlife.org>

Become a CCTWS member: <https://wildlife.org/colorado/>

1 Year Student Membership: \$10

1 Year Regular Membership: \$20

2 Year Regular Membership: \$35

3 Year Regular Membership: \$45

COLORADO CHAPTER OF THE WILDLIFE SOCIETY - MEMBERSHIP APPLICATION		
Name: _____		
Address		
City: _____	State: _____	Zip Code: _____
Work Phone: _____	Home Phone: _____	
E-Mail: _____		
Today's Date: _____		
Affiliation: _____		
Interested in Committee Work?	Yes	No
Are You a TWS Certified Biologist?	Yes	No
Areas of Expertise/Interest: _____		
Dues: 1 Year: \$15 2 Years: \$27 3 Years: \$35 Student/Retirees: \$10		
MC/Visa: _____	Expiration Date: _____	
Signature: _____		

Please visit the Colorado Chapter of the Wildlife Society web page at Wildlife.org/Colorado and the Wildlife Society web page at Wildlife.org. Become a member today!