

Winter 2019  
Issue 60



# *Dakota Chapter*

## *American Fisheries Society*

### *Newsletter*



## Contents

[President's message](#)  
[Annual meeting](#)  
[Call for abstracts](#)  
[Scholarships & awards](#)  
[Training and workshops](#)  
[Photo Contest](#)  
[Student Sub-Unit Updates](#)  
[South Dakota happenings](#)  
[Upcoming meetings](#)  
[Chapter Officers](#)  
[EXCOM minutes](#)



*Josh Wert, President  
Dakota Chapter AFS*

## President's Message

Greetings Dakota Chapter AFS members and Happy New Year! I hope everyone is well and enjoyed their Holiday with family and friends.

I would like to start by thanking you for the opportunity to serve as your Chapter President. I have been affiliated with AFS in some capacity since Valley City State University commissioned a sub unit in 2014. As a student, this provided networking opportunities while attending chapter and parent society meetings. I would like to thank current and previous fisheries professionals that have been serving this chapter. Without volunteers, we would not be where we are today.

The 2019 annual meeting of the Dakota Chapter AFS will be a joint meeting with the Minnesota Chapter on February 25 - 27 in Fargo, North Dakota. The theme this year is "Fisheries in a Connected World". The meeting will provide an opportunity for students and professionals to hear/present about numerous topics such as populations, programs, and projects from a diverse group of professionals across a wide geographic area. I encourage students and professionals to take advantage of this opportunity to present their work!

Call for papers and posters deadline will be January 25<sup>th</sup> with acceptances sent out February 1<sup>st</sup>. Please send abstracts to Joshua Wert ([joshua\\_wert@fws.gov](mailto:joshua_wert@fws.gov)) or Aaron Larsen ([allarsen@nd.gov](mailto:allarsen@nd.gov)). The registration link was provided in the email sent out earlier this week. The registration deadline will be February 18, 2019. A \$20.00 late registration fee will be charged after that date. If anyone has any other questions on this year's event, please email me and I will respond as soon as possible.

We will need volunteers for paper and poster judges along with session moderators. If you are interested in volunteering, please check the volunteer box on the registration form or contact Aaron Larsen at ([allarsen@nd.gov](mailto:allarsen@nd.gov)). I would also like to remind professionals to nominate individuals for professional awards. I encourage students to apply for scholarships that our Chapter offers. These scholarships can help defer the costs that are associated with State and National AFS meeting attendance.

In conclusion, please take some time to enjoy the great outdoors and introduce a non- angler to the great sport of fishing. There is nothing that can replace the look on an individual's face when they catch their first fish! I look forward to seeing everyone at this year's AFS Chapter meeting.

Respectfully,

Joshua Wert, President – Dakota Chapter AFS

## **Annual Meeting Information**



**February 25-27, 2019**

**Holiday Inn, Fargo, ND**

**Monday, February 25** – workshop 2-4 pm (see below), registration and welcoming social

**Tuesday, February 26** – registration, papers and business meeting

**Wednesday, February 27** – papers, adjourn by noon.

**Make your reservations today!**

**Call the Holiday Inn at 701-282-2700 to make a reservation. Rooms will be held through January 25th. Make sure you mention Dakota AFS Meeting when making your reservation to receive a discounted rate. State and Federal rates will apply. Bring your work ID! Annual Meeting Registration**

**[Dakota AFS Meeting Register Here!](#)**

## Call for Abstracts!

All Aquatic and Fisheries Papers are Welcome!

### Abstract Submission Guidelines

*Please include the following in your abstract:*

1. Title
2. Author's name, affiliation, and contact info (for multiple authors, indicate who will be the presenter)
3. Category (Professional, Graduate Student, Undergraduate Student)
4. Paper (oral) or Poster Presentation
5. Abstract - 250 words or less.

Please submit abstracts to:

President Josh Wert ([joshua\\_wert@fws.gov](mailto:joshua_wert@fws.gov)) or  
Vice President Aaron Larsen ([allarsen@nd.gov](mailto:allarsen@nd.gov))

**Deadline: January 25, 2019**

### **Presentation and Poster Requirements**

Oral presentations: 15 minutes followed by 5 minutes of Q & A. Any version of PowerPoint should work.

Posters: Must fit 3' high x 4' wide poster board. Easels and poster boards will be provided.

## First Call – Awards Nominations 2019 Dakota Chapter Meeting Nominate Someone Awesome!

The 2019 joint meeting is shaping up to be a big success. As always, a highlight of our annual meeting is recognizing the hard work of our colleagues and cooperators. And there is no better way to recognize their contribution than by nominating them for a Chapter Award:

**AQUATIC RESOURCE CONSERVATION AWARD** – May be presented annually to an individual or group that has made an outstanding effort in ensuring the future welfare of the Dakotas' waters and/or fisheries.

**ROBERT L. HANTEN DISTINGUISHED PROFESSIONAL SERVICE AWARD** – May be presented annually to no more than two individuals who have made an outstanding contribution within the fishery profession.



**THE DAVID W. WILLIS OUTSTANDING YOUNG PROFESSIONAL AWARD** – May be presented annually to up to two individuals who have made outstanding contributions to the fisheries profession during the start of their fisheries careers. Nominees must not have completed five years of full-time fisheries employment.

Please take some time to recognize a deserving colleague or conservation organization!

**Nominations can be mailed or sent electronically to:**

Steve R. Chipps, Chair-Awards and Nominations Committee  
McFadden Biostress Laboratory  
1390 College Ave  
NRM Box 2140B  
Brookings SD 57007  
[Steven.chipps@sdstate.edu](mailto:Steven.chipps@sdstate.edu)

## Need help writing a nomination letter?

### How to write a compelling nomination letter

The key to a well-written nomination is providing the readers/evaluators with specific information illustrating how the individual's or group's achievements have had a positive impact on fisheries in the Dakotas. In order for your nomination to stand, you must explain and include evidence and clear examples of what makes your nominee so exceptional. Below is a recommended format for writing a quality nomination letter. Your nomination's summary should be written in 3 parts: Opening Statement, Supporting Statement and Closing Statement.

**Opening Statement:** Start with a clear, direct and specific statement of why the nominee deserves recognition. List the most important information in the first few sentences and then elaborate as necessary.

**Supporting Statements:** Support the opening statement with specific examples that address the award criteria and elaborate on why the nominee's accomplishments are worthy of the award. These examples should include outcomes, results, and/or activities above and beyond the nominee's job description. Include qualities that make this person outstanding, and that are clearly relevant to the award criteria. Consider including the following evidence to answer the 'who, what, when, where, why' in your supporting statements:

» WHAT did the nominee do?

- Projects and/or activities above the nominee's job description
- Any challenges or issues encountered and overcome

» HOW did they do it?

- Initiative and/or leadership
- Teamwork
- Creativity and/or innovation
- Behaviors and/or attitudes

» WHAT were the results and/or impact?

- What did the nominee's efforts accomplish?
- Are there specific benefits that their agency has derived from those efforts?

**Closing Statement:**

Describe how others regard the nominee (e.g., recognized expert, progressive leader, or exceptional supervisor/mentor). Consider mentioning major awards, community efforts, etc.



## CALLING ALL STUDENTS!

DON'T LET AN OPPORTUNITY FOR THIS.....



TURN INTO THIS.....



*Get your applications in today* for one or more of the student scholarships offered by the Dakota Chapter AFS. Below is a brief description of Dakota Chapter student awards.

**DAKOTA CHAPTER SAUGER SCHOLARSHIP** – This student scholarship provides room, conference fees, and will reimburse for other expenses (travel, food) for any amount up to \$100. Eligibility: Any undergraduate student studying fisheries or a related field in South Dakota.

**DAKOTA CHAPTER NORTHERN PIKE SCHOLARSHIP** – This scholarship will provide room, conference fees, and will reimburse for other expenses (travel, food) for any amount up to \$100 (receipts must be retained for reimbursement). The Dakota Chapter VCSU subunit will select the winners for the Northern Pike Scholarship. Eligibility: Any undergraduate student studying fisheries or a related field in North Dakota.

**DR. JAMES C. SCHMULBACH MEMORIAL AWARD** – This student scholarship is a monetary award presented to a junior or senior undergraduate student who is studying fisheries science, or related field, at an accredited college or university in North or South Dakota.

**DR. ROBERT A. KLUMB MEMORIAL AWARD** – Eligibility: Any student who is studying fisheries science or related field of study is eligible to apply.

To view applications for Student Scholarships and other Chapter Awards, please visit the Chapter's awards and scholarships page at: <https://dakota.fisheries.org/awards-and-scholarships/>

The Dakota Chapter of the American Fisheries Society Invites You to:

# Become a PowerPoint Super Hero

An afternoon of continuing education with  
Award-Winning Presenter and Exceedingly Humble Instructor Mike Barnes, *Ph.D*



Unenhanced Image

We've all seen them – confusing, lame, and feckless PowerPoint slides. Dr. Barnes will passionately describe techniques to maximize the impact of your fisheries presentations and you will put into practice what he preaches. Learn those PowerPoint skills that work! Discover how to make PowerPoints that will amaze and impress (or at least not be feckless). Develop your presentation superpowers!

Where and When: Fargo Holiday Inn, February 25 (the afternoon prior to the Joint Meeting of the Minnesota and Dakota Chapter)

Time: Tentatively scheduled 2:00-4:00 PM

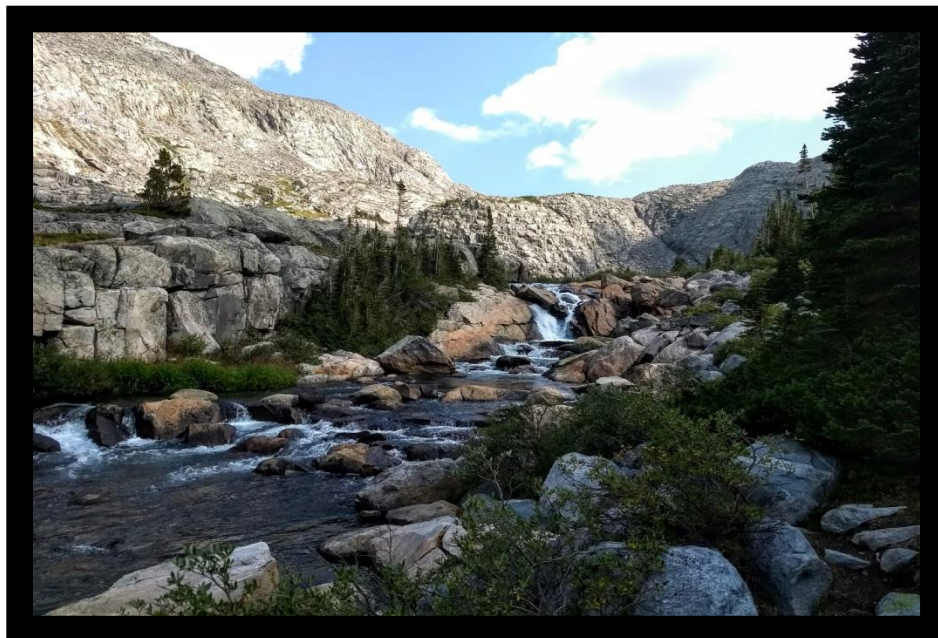
Registration Details to follow

Chocolate may be provided.



# **Attention Photographers:**

## **Dakota Chapter AFS Photo Contest and Silent Auction**



### **Photo and Silent Auction Contest Rules**

1. This contest is open to all Dakota Chapter members including student members of the SDSU and VCSU subunit (except contest judging committee).
  2. Photos should have been taken within the last five years and should be in focus and well-exposed. No digital modifications allowed (e.g. banding, colorshifts, pixilation, etc.) Digital images are encouraged; however, film-based photos will be accepted.
  3. To facilitate judging, photos must be submitted as unmatted prints sized 8"x10". Submissions of digital prints must also include a windows-based file of the print via USB or email (.jpg or .tif).
  4. Digital images will be judged based on the print, not the file (i.e. pay attention to cropping, the quality of the printer, and photo paper used).
  5. Categories will include: Angling, humor, fieldwork, scenery, just fish, outdoor activities, wildlife and other (good photo but doesn't fit a category). A 'best of show' will be awarded to the entry that receives the highest judging scores.
  6. Three entries (photos) per chapter member will be allowed, but a single chapter member can only win a maximum of 1 category and "best of show".
-



7. Submitted photos will become property of the Dakota Chapter and may be used in future websites, presentations, and/or publications. Therefore, additional non-judged digital image files may be sent to add to the archives (indicate as non-judged photo). All entries must be received by Feb 15, 2019, but the earlier the better. Mail all materials (PRINTS ONLY) to Aaron Larsen, ND Dept of Health – Division of Water Quality, 918 E. Divide Ave, 4th Floor, Bismarck, ND 58501. A print must be received for the photo to be judged.

**8. Along with your 8 x 10 with your name on the back, include a separate sheet with the following:**

- a. Your name**
- b. Photo Title**
- c. Category entered**
- d. Brief statement about the photo: your thoughts, where/when it was taken, etc.**
- e. Signed statement of originality and rights release written as follows:**

***“I, (sign your name), certify that I took this photo and hereby assign the Dakota Chapter of the American Fisheries Society rights to use my photo.”***

9. Submitters must attend at least part of the February 2019 meeting in Fargo, ND to win. Awards will be presented at the 2019 Chapter meeting.

10. Each photo will be subject to a silent auction. Member's interested in receiving a personal copy of photos they would like to retain for personal use can participate in the silent auction, which will take place during Tuesday evenings social (February 26th, 2019). All proceeds will be split 50:50, with 50% going to the Dakota Chapter and 50% going to the photographer. Winning bidders will receive the print along with a digital file (or negative). Opening bids start at \$6 with increments of \$2.

11. Please direct all questions to Aaron Larsen (allarsen@nd.gov, 701-328-5230) or Dr. Steven Chipps (Steven.Chipps@sdsstate.edu, 605-688-5467).

## SDSU Student Subunit Update: Seth Fopma, President

The subunit season informally began with several members attending the 148<sup>th</sup> Annual Meeting of the American Fisheries Society in Atlantic City, NJ. Attending members were able to interact with professionals, fellow students and industry professionals while sharing knowledge across our diverse field. Upon returning to Brookings, the subunit activities formally began during the customary beginning of the year cookout. Despite a soggy start to the school year the subunit has been able to partake in several professional development activities.

Subunit officers began the year by visiting several classes, pitching the subunit and the benefits of involvement. From there the race of a busy semester began. Once the rain stopped, members hit the ground running participating in a fundraising event at an SDSU football game. Members also had the opportunity to volunteer help with graduate research projects and learn the dos and don'ts of boat electrofishing.

October was a very busy month for the subunit, members enjoyed our first fish fry in 4 years to start the month. Dr. Greg Sass presented on the importance of fish habitat in lakes and also spent time interacting with members, answering questions on the importance of professional development, management and hard work. October also means salmon spawning and this popular event drew two groups of subunit members to Whitlock Bay to participate in the annual event. Members were given the opportunity to try their hand at stream-electrofishing in Gary, SD, where they sought to capture Rainbow Trout downstream of their stocking location. With the goal being trout, members were also treated to many discussions on stream productivity, invertebrate diversity, habitat diversity and the impacts of local erosion. The subunit hopes to establish this as an annual trip due to its unique value in eastern SD. We would like to thank South Dakota Department of Game Fish and Parks for allowing us to participate and for facilitating learning opportunities. Other highlights from the semester included the establishment of a native fish tank in the graduate office at SDSU, a resume and interview workshop, and the maintenance of an active Facebook page.

Looking forward, the subunit is preparing for another busy semester, with hopes to conduct our annual chili feed and another fish fry. Additionally, the subunit will be hosting its annual job fair on February 5<sup>th</sup> and will be starting a series of statistics and techniques oriented workshops during the upcoming semester (intro to R, age and growth, bioenergetics and trailer skills; if you have any other suggestions please let us know!). With so much going on we are excited to see everyone in Fargo at the annual Dakota Chapter AFS meeting and to learn about what else has happened in the region!









## **VCSU Student Subunit Update: Ethan Rasset, President**

Greetings from Valley City! Our fall semester flew by quickly as we enter the spring semester. We currently are starting up our ice fishing raffle for the year. Our prizes will include a Vexilar, a Clam portable fish house, and an Ion ice auger.

We held our annual recruitment Fall Fishing Tournament and fish fry in early September. Fish that we brought in to the tournament were fried up by Dr. Casey Williams for dinner. Ethan Rasset took first place in the tournament this year, with Logan Erlandson and John Wolf taking second and third (respectively). Participants could fish wherever they pleased, and winners were determined by totaling weights for each species category (with the most categories won indicating the overall winner).

In the second week of October, six of our subunit members volunteered at the Garrison Dam National Fish Hatchery to spawn salmon. The North Dakota Game and Fish Department was extremely gracious to give us the opportunity to gain valuable experience outside of the classroom. After we finished at the hatchery, our students went salmon fishing on Lake Sakakawea, and did quite well. We then brought in a long-time taxidermist of the midwestern United States to teach our students about fish taxidermy. Ted Hoberg showed us how to paint fish with an airbrush, as well as how to properly preserve fish in preparation of the painting stage. He talked about his career, and what led him to become a taxidermist. It was very interesting to learn from someone who has been working hands-on with fish and game for decades. In early November, we had a speaker come and talk about his research on bigmouth buffalo. Alec Lackmann (Ph.D. Candidate) spoke about his work with aging buffalo, determining that the fish can live quite longer than what we originally believed. In the final week of November, we held a joint job search/resume workshop with the Student Chapter of The Wildlife Society at VCSU. This gave AFSSSU members insight into potential jobs, tips on how to organize their resume, and how to prepare for an interview. The event was particularly helpful to the undergraduate freshmen.

Our subunit decided to take a trip out to a local reservoir in the fall to pursue some crappies. The trip went quite well, as it gave us an opportunity to introduce some freshmen to local fishing spots, as well as answer any questions they have about careers or coursework. We also have begun an Ice Fishing Contest which runs through April. Our Open Water Fishing Contest was a success, with many large fish being entered for eleven different species categories. Each contest we hold is quite unique, as people can fish wherever and whenever they want within the given semester until the chosen end date. The largest fish entered can be seen at any given time on our club board. We will be holding our first Ice Fishing Tournament this winter, where subunit members can form teams and attempt to “bag the most weight” for each applicable species.

Our emphasis on freshmen recruitment and involvement has been a major success this semester. Freshmen turnout at our events has been the highest in our subunits’ history. Our subunit has had a very active fall semester and look forward to an equally exciting spring semester!





The photo above shows our volunteers who went to the Garrison Dam National Fish Hatchery to spawn chinook salmon. (L→R Ethan Rasset, Isiah Kujanson, Alex Reiten, Ashley Folsom, John Wolf, Katie Gehrig)



This photo shows the participants in our annual Fall Fishing Tournament. (L→R Casey Williams, Alex Reiten, John Wolf, Ethan Rasset, Zach Schumacher, Logan Erlandson, Gunnar Fraase, Ashley Folsom, Cooper Folmer, Chris Nelson)

## McNenny Going Green to Grow Salmonids

Rainbow trout and other salmonids will soon benefit from green technology at McNenny State Fish Hatchery. By January 1, solar power will run aerators at ponds far from the main hatchery electrical supply. This aeration will improve pond water quality from the nitrogen-rich and oxygen-poor natural springs, which will in turn allow for increased fish production. In addition, fish “quality” (appearance, health, and possibly post-stocking survival) should benefit.

Solar power at the remote ponds is just the first phase of energy transformation at the hatchery. Barring unforeseen impediments, roof-mount solar on the main hatchery building should be completed by this coming summer. This project should pay for itself in less than nine years and thereafter generate positive revenue for the state. Going solar will supply all of the electrical needs, including heating and cooling, at the hatchery for the next 25 years!



## South Dakota News

### Factors coinciding with increased Walleye fingerling production in lined compared to earthen-substrate ponds

Submitted by Matt Ward

Ponds that possess an exposed liner-substrate provide a means to increase Walleye *Sander vitreus* fingerling production compared to earthen-substrate ponds when provided standard fertilization schedule and stocking density; however explaining the cause for the increased production has been difficult as few differences in prey densities have been detected. Additionally, higher stocking densities can be used in lined ponds and Walleye size at harvest will remain larger than in earthen ponds. In hopes of gaining more information as to how lined ponds increase Walleye production, one lined and one earthen-substrate pond (surface area = 0.8 ha/pond) were treated similarly in terms of the timing of filling and stocking, as well as fertilization with alfalfa meal (341 kg/ha) and yeast (28.4 kg/ha). The lined pond however, was stocked with an additional 65,000 Walleye fry. Walleye production along with dry weights and lengths of prey items (Cladocera, Copepoda, and larval Dipterans) found in their gastrointestinal tracts (GI) were compared between substrate types. Dry weight estimates of those three taxa within Walleye GI tracts were determined by removing and counting all prey items from up to 10 Walleye at each sampling date per substrate type. The first five individuals encountered for each taxa per Walleye were measured for length and then converted to dry weights using equations in Bottrell et al. (1976) and Benke et al. (1999). An average dry weight was then multiplied by the total number of items for that taxa within each Walleye. After average dry weight estimates were calculated per Walleye, estimates for all the Walleye within the pond were made by multiplying by the number of walleye harvested from the pond.

### Results: Walleye Production and Dry Weight Estimates of Food Habits

- Walleye fingerling survival was comparable between pond types, but number raised and yield were higher in the lined pond. The lined pond also produced larger individual Walleye (Table 1).
- Walleye were significantly longer on May 30 (Day 14) and at Harvest in lined ponds (Table 2).
- Individual walleye in lined ponds contained significantly longer Cladocerans and more Cladoceran biomass on May 30 (day 14).
- At harvest, individual walleye contained significantly longer larval Dipterans and more larval Dipteran biomass.
- When extrapolated across all fish within a pond, Walleye within lined ponds contained
  - 1.7 times more Copepod biomass on day 6 (May 22)
  - 5.1 times more Cladoceran and 1.6 times more larval Dipteran biomass on day 14 (May 30)
  - 16.9 times more larval Dipteran biomass at harvest, day 24 or 26 (Jun 9 or 11)
- The production advantage in a lined pond coincides with increased Walleye consumption of all three taxa. Increased Cladoceran consumption during the middle part of the interval and larval Dipteran consumption at the end appear most responsible.
-



Table 1. Walleye fingerling production measures including survival (%), number harvested, size (grams), and yield (kg) for two, 0.8-ha ponds with differing substrate. An additional 65,000 walleye fry were stocked into the lined-substrate pond.

Treatment	Survival	Number Harvested	Size	Yield
Earthen	60.2	96,300	0.21	20.5
Lined	66.7	150,150	0.32	47.7

Table 2. Mean ( $\pm$ SD) lengths (mm) for Walleye (total length) and prey (Cladocerans, Copepods, and larval Dipterans) as well as dry weights (DW,  $\mu$ g) of those prey found in Walleye gastrointestinal tracts at three dates (day 6, day 14, and Harvest (lined = day 24, earthen = day 26)) during the culture interval in an earthen and a lined-substrate pond. Statistical comparisons were made using individual Walleye within a pond as replicates rather than replicating ponds. Variables that contain bolded font within a row per day indicate a significant difference ( $P < 0.05$ ) was detected using a one-way analysis of variance. By pond dry weights (DW, g) are extrapolated across all Walleye within the pond (i.e., total number of walleye harvested was multiplied by the average dry weight per walleye for each variable and converted to grams).

Variable	Day 6 (May 22)		Day 14 (May 30)		Harvest, Day 24 or 26 (June 9 or 11)	
	Earthen	Lined	Earthen	Lined	Earthen	Lined
By Walleye						
Walleye ML	10.20 (0.42)	9.5 (0.23)	<b>16.7 (0.77)</b>	<b>18.7 (0.84)</b>	<b>29.7 (1.26)</b>	<b>31.6 (1.55)</b>
Cladoceran ML	0.63 (0.12)	-	<b>0.98 (0.98)</b>	<b>1.45 (0.28)</b>	0.82 (0.25)	1.03 (0.34)
Copepod ML	0.69 (0.05)	0.72 (0.09)	0.67 (0.25)	0.73 (0.18)	0.8 (0.15)	0.98 (0.27)
Dipteran ML	-	-	3.08 (2.05)	2.31 (0.81)	<b>2.29 (0.56)</b>	<b>4.91 (1.09)</b>
Cladoceran DW	4.57 (5.00)	0.00 (0.00)	<b>77.02 (50.68)</b>	<b>253.37 (135.08)</b>	110.10 (170.51)	81.25 (102.62)
Copepod DW	22.13 (15.33)	24.17 (5.63)	13.9 (11.86)	6.36 (13.47)	45.46 (40.09)	40.15 (36.18)
Dipteran DW	0.00 (0.00)	0.00 (0.00)	169.02 (262.71)	178.35 (219.91)	<b>103.08 (93.99)</b>	<b>1120.51 (840.25)</b>
By Pond (all Walleye in Pond)						
Cladoceran DW	0.44	0.00	7.42	38.04	10.6	12.20
Copepod DW	2.13	3.63	1.34	0.95	4.38	6.03
Dipteran DW	0.00	0.00	16.28	26.78	9.93	168.24

### Results: Phytoplankton Abundance and Composition

- Diatoms were most common and similarly abundant in both pond types early in the interval, but lined ponds also had a considerable amount of Cryptophytes (Figure 1). Towards the end of the interval, the lined pond contained much more phytoplankton with nearly all of it being categorized as Greens (specifically *Characium ensiforme* Hermann).

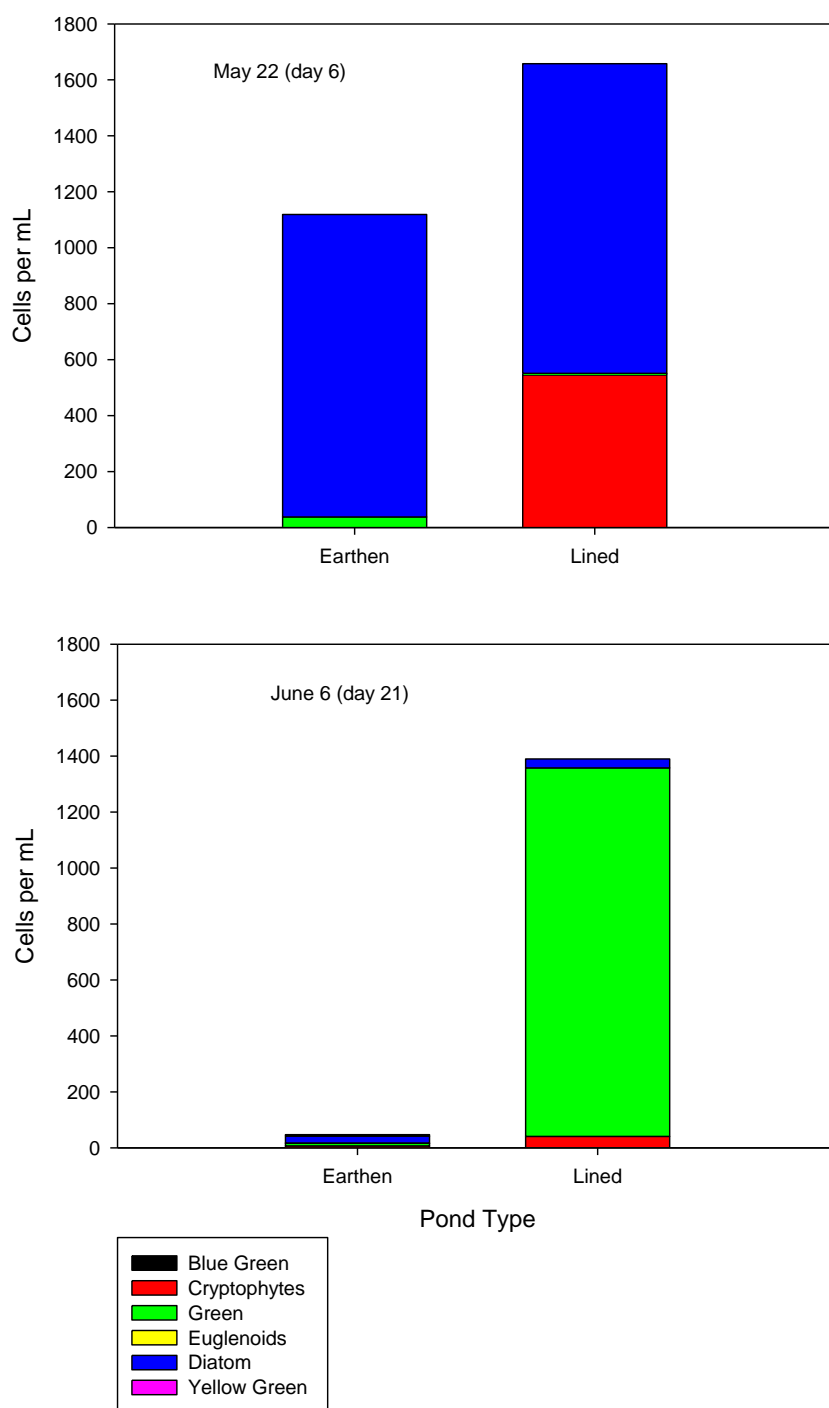


Figure 1. Phytoplankton composition of water samples collected from two ponds with differing substrate on May 22 (Day 6) and June 6 (day 21). Both ponds received the same fertilizer, but the lined pond was stocked with an additional 65,000 Walleye fry.



Future efforts in earthen ponds should focus on manipulating pond bottoms (e.g., millet production during the previous summer/fall) and fertilization strategies to enhance phytoplankton, Cladoceran, and larval Dipteran production, which should coincide with increased walleye fingerling production and reduced filamentous algae blooms that cause problems during pond harvest.

### References

- Benke, A.C., A.D. Huryn, L.A. Smock, and J.B. Wallace. 1999. Length-mass relationships for freshwater macroinvertebrates in North America with particular reference to the southeastern United States. *Journal of North American Benthological Society* 18:308-343.
- Bottrell, H.H., A. Duncan, Z.M. Gliwicz, E. Grygierek, A. Herzig, A. Hillbricht-Ilkowska, H. Kurasawa, P. Larsson, and T. Weglenska. 1976. A review of some problems in zooplankton production studies. *Norwegian Journal of Zoology* 24:419-456.

## Upcoming Meetings



<http://www.midwestfw.org/>

### 2019 MRNRC Missouri River Conference

*“Missouri River: The Ever Evolving Riverscape”*

**March 5-7, 2019**

**Ramkota Conference Center, Pierre, SD**

**Professional Registration: \$175- Full Registration**

**\$100- Student Rate**

*"Before 12:00 Midnight CST Wednesday, February 28, 2018;*

*Registrations after this date or on-site will be charged an additional \$50 late registration fee.*

Please submit abstracts utilizing the website form located at [www.mrnrc2019.com](http://www.mrnrc2019.com) (due by February 8, 2019).  
Abstract & poster questions should be directed to Chris Longhenry, [chris.longhenry@state.sd.us](mailto:chris.longhenry@state.sd.us)



## A Conference Not to be Missed!

Experience AFS and TWS Live in 2019...

In 2019, The Wildlife Society and American Fisheries Society will come together for the first-ever joint national conference of these two organizations. The event will likely be the largest gathering of fish and wildlife professionals ever, and will provide unprecedented opportunities for science-sharing and potential collaboration. Individually, these organizations' conferences ensure your staff stay knowledgeable and up to date on the latest science and management techniques, but combined this can't-miss event opens doors for the future of the natural resources professions. Join us in Reno for an unforgettable experience, and be a part of this historic event.

For more information about the 2019 Joint Annual Meeting:

<https://afstws2019.org/>

## Chapter Officers 2018-2019

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*Continuing Education*

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Greg Power (co-chair, ND)  
John Lott (SD)  
Dave Lucchesi (SD)

*Schmulbach Scholarship*

Nick Kludt (SD)  
Zach Shattuck (MT)

*Environmental Concerns*

Geno Adams (co-chair, SD)  
Michael Johnson (co-chair, ND)

*Student Affairs*

Position Open

*Information and Web Support*

Mike Brown (SD)  
Dylan Turner (SD)

*Membership*

Matt Ward (chair, SD)  
Casey Williams (ND)  
Geno Adams (SD)

*Awards and Nominations*

Casey Williams (chair, ND)  
Position Open

*Resolutions*

Chelsey Pasbrig (SD)  
Gene Galinat (SD)

*NCD Walleye Tech Committee*

Mark Fincel (SD)  
Todd Caspers (ND)

*NCD Centrarchid Tech Committee*

Nick Kludt (SD)

*NCD Escocid Tech Committee*

Brian Blackwell (SD)

*NCD Ictalurid Tech Committee*

Dave Lucchesi (SD)

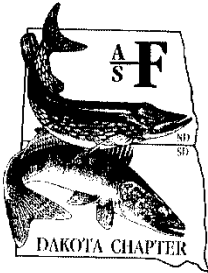
*NCD Rivers and Streams Tech Committee*

Nick Kludt (SD)  
Aaron Larson (ND)





## EXCOM Meeting Minutes



### Dakota Chapter American Fisheries Society

#### *EXCOM Meeting Minutes Fall 2018*

#### **I. Call to Order – Steve Chipps at 1500.**

Present include Steve Chipps, Casey Williams, Josh Wert, Ethan Rasset, Seth Fopma, Jeremy Kientz, Aaron Larsen, Amy Gebhard, and Mike Johnson.

#### **II. Determination of a Quorum-Mike Johnson**

7 of 9.

#### **III. Approval of meeting Agenda-Steve Chipps**

Majority approval.

#### **IV. Approval of Minutes from February 2018 EXCOM meeting-Steve Chipps**

Majority approval.

#### **V. Treasurer's Report-Mike Johnson**

Total expenses from last year's meeting totaled \$9,796.42. Total income from last year's meeting totaled \$12,767.04 leaving us in the green from this time last year. Current checking account balance is \$9,424.63. Klumb account is currently at \$7,991.19. Donations this year totaled \$900.00. Schmulbach is currently at \$12,403.90. Calvin Rezak's paperwork was sent to his school as he was awarded the scholarship. Edward Jones is at \$6,402.06.

#### **VI. 2019 Program/Meeting update-JoshWert/Aaron Larsen**

Plans for a joint meeting with the MN Chapter are coming along nicely. It is estimated that 250 professionals will be attending. Cost for registration is to be as follows: \$110.00 for professionals and \$80.00 for students. Mike Barnes will be instructing a continuing ed course on powerpoint presentations with a related course (to be determined) to follow. The menu has been selected. The plenary speaker has been secured (Jessica from the parent society) though a topic is not yet settled on. Joint t-shirts are being designed to be for sale for meeting attendees. There will be multiple rooms with up to 4 presentations occurring at the same time. Judging of student posters will be kept separate between Chapters. Student sub-units will be helping out with the social the first night. A student-professional activity may be scheduled for lunch on Tuesday. The exact details of the student raffle schedule is to be ironed out yet but may occur on the same night.

**VII. Student Sub-Unit updates (Seth Fopma of SDSU and Ethan Rasset of VCSU)**

SDSU – New officers for the year have been elected. A couple of community events and cook-offs have taken place already this year. The sub-unit has been doing some recruitment work with freshman. Opportunities have been provided for hands on experience with SDGFP.

VCSU – New officers for the year have been elected. Fishing outings and cook outs have occurred including fishing tournaments. Multiple visits with the Freshman class have taken place for recruitment. A fall outing in the Pembina gorge is planned. The sub-unit will assist NDGFD with salmon spawning at GDNFH this fall. So far, there is a decent amount of freshman participation at events.

**VIII. Awards and Nominations update – Casey Williams**

Applications for the Sauger and Northern pike should be sent to the ANC instead of each sub-unit. We are receiving a low number of professional nominations. Amy brought up the idea of providing incentive for nominations. Steve furthered that thought by adding that an incentive will be given if your nominee receives the award. Good idea.

**IX. Midyear Committee Reports – Steve Chipps**

No comments or questions regarding these.

**X. Old Business – Steve Chipps****Chapter By-laws and Procedural manual**

Casey Williams and Steve Chipps have been working on updates and edits to the Chapter bylaws and procedural manual. Please review the document that Steve shared with us (EXCOM) and provide comments no later than mid October.

VCSU is added/recognized as a student sub-unit.

The Klumb and Schmulbach each have their own special award committee. It is proposed to move these under the ANC.

**XI. New Business and Announcement – Steve Chipps****XII. Installment of New Officers**

Congratulations to the new officers and thanks to those who have past served!

**XIII. Adjournment – Josh Wert**

Meeting adjourned as of 1615.

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