

Spring 2020

Issue 62

Contents

President's message

Annual Meeting
Highlights

Student subunit news

State Agency Updates

Chapter Bylaws

Bigmouth Buffalo in
SD

Chapter Contacts



Dakota Chapter American Fisheries Society Newsletter



President's Message

First and foremost, I want to thank everybody who made it out to Spearfish for the Annual Dakota Chapter Meeting despite the weather's best attempts to deter you. Our world has been a little more chaotic since then, so I'm grateful for everybody who could be there to help make it such a success. In a normal year this president's message would be filled with recaps and stats from the meeting, but at a time like this those things just seem a bit trivial. Most of you have recently either been working from home, furloughed, isolated, quarantined, or at least practicing social distancing and, to say the least, these have been and will continue to be difficult days. Fisheries in the Dakotas as of this writing remain open and for that I am grateful. Currently there is a bit of a paradoxical nature to fisheries. Fisheries are simultaneously both non-essential and essential. It is my opinion that our fisheries may be more important right now than they've ever been during our lifetimes; however, they are far less important than the health of my family and loved ones. Yet, the fisheries that we manage are currently providing a much-needed oasis from the isolation of quarantine for people throughout our states. With a strong emphasis on mental health and self-care during this time I believe we should all be proud that the work that we've done for our fisheries is providing an "essential" service to our communities. As we look into the future there remains many uncertainties, but undoubtedly there will be many new and exciting challenges for us when we get back on the water. In the meantime, I am grateful for our fisheries resources in our states and I'm happy to know many of you fine folks doing the work behind the scenes to make fishing great in the Dakotas. Please stay safe, respect social distance, and spend some quality time with your loved ones!

See you on the other side!!

Jeremy Kientz
President; Dakota Chapter American Fisheries Society



Dakota Chapter AFS President
Jeremy Kientz "working" from
Home during the COVID-19
pandemic

2020 Annual Meeting Highlights – Spearfish, SD

Business Meeting Minutes 2/25/2020

I. Call to Order – Jeremy Kientz at 1622.

II. Treasury Report – Amy Gebhard

- Checking -\$18,486.12
- Klumb- \$7,921.50
- Edward Jones - \$ 6,596.35
- Schmulback -\$ 11,080.49

III. Committee Reports

- Walleye Tech- Mark Ermer
 - Upcoming meeting in Minocqua Wisconsin at the Kemp Research Station
 - 2021 in Minneapolis MN, symposium on “System change managing walleye”
- Catfish Tech – Dave Lucchesi
 - Had three people attend Catfish 2020 symposium in Little Rock, AR

IV. Old business

- Mark Ermer – Walleye Tech is planning on publishing a walleye symposium. They received \$5000 from the NCD for publication costs and will be asking all the state chapters in the NCD to help contribute funds to decrease costs for authors.
 - Dakota American Fisheries Society passed notion to donate \$1000 towards the Walleye symposium publication.

V. Officer Election

- President- BJ Schall (South Dakota Game, Fish and Parks)
- Vice president- Joe Nett (North Dakota Water Quality)
- Secretary and treasurer- Aaron Slominski (North Dakota Game and Fish)

VI. Adjournment at 1638.



Best Professional Paper Award winner
Brian Blackwell presented: Use of a Restrictive Regulation to Manage Walleyes in a New South Dakota Glacial Lake.

2020 Annual Meeting Highlights – Spearfish, SD



*Geno Adams (left) receives the **Robert L. Hanten Distinguished Professional Service Award***



*Nathan Huysman (left) and Dylan Turner (above) received the **David W. Willis Outstanding Young Professional Award***





*Northern Pike Scholarship winners (above)
Spencer Dorsey and Emily Christensen*

*Dr. James C. Schmulbach
Memorial Scholarship winner
Brandt Boekhout (above)*

*Not Pictured: Best Student Poster
Award winner Lynn Slama presented:
Rapidly Changing Temperatures from 1
°C to 11 °C do not Cause Brown Trout or
Rainbow Trout Eyed-Egg Mortality.*



*Dr. Robert A. Klumb Memorial
Scholarship winner Cade Lyon (above)*

*Not pictured: The Black Hills Flyfishers
received the **Aquatic Resource
Conservation Award***

Valley City State University Subunit

Spencer Dorsey

Greetings from the new online VCSU Student Sub-unit!

We started out the semester the same as usual with a sub-unit meeting to discuss the upcoming Dakota Chapter meeting as well as the projects and events to be accomplished throughout the semester. This meeting got great ideas flowing through the group and got us all excited about the semester ahead.

A club ice fishing tournament was planned for the end of January, but due to adverse weather conditions we were forced to postpone the event. We decided to make the tournament accessible to more of our members by making a 10-day event in mid-February to see who could capture the largest number of species. This got a lot of our members out on the ice and exploring new areas in the search for different species.

The ice fishing derby led us right up to the annual Dakota Chapter meeting in Spearfish. We were able to bring eight students from our sub-unit to the meeting. Three of our students made the trek down a night early to ensure that they were there in time for the R-Studio seminar Monday afternoon. The meeting was a great opportunity for our members to communicate with the professionals in the fisheries field and make connections throughout the area.

Following the Dakota Chapter meeting the sub-unit began preparing for the rest of the events for the semester. We had many spring events planned which included a spearfishing trip, a fly-fishing seminar, a walleye spawning trip, and a fisheries management gear training seminar. Unfortunately, due to the unforeseen circumstances that we are currently in those events have been cancelled.

Fortunately, due to technology our club has been able to come together virtually. This past week we



were able to live stream our raffle drawing. Congratulations to winners Mike Schneider, Wyatt Carlson, Teri Iverson, and Colby Dows. For this year's raffle we mixed things up a little bit and offered a variety of open water and ice fishing prizes with the option to redeem a Scheels gift card in exchange for the prize. This raffle generates a large portion of our sub-units funds each year to help cover our costs to attend meetings and put on events.

Moving forward this semester we will be using an online format in the election of our new officers as well as for a support system for our members. The goal is that we will still be able to assist our fellow members, especially our younger members, as they transition into their summer internships and full-time positions.

There is still the hope that things will settle down before May and our club will be able to get together for our end of the year banquet. This is always a joyous event where we celebrate the end of the school year and congratulate our new officers. It typically consists of grilling burger, playing improvised yard games, and spending quality time with our fellow members.

Although this year is coming to an unfortunate end for the club, we are still always looking for future events. If you have a project that is in need of volunteers or if you would like to share information with our subunit, do not hesitate to reach out. Contact spencer.dorsey@vcsu.edu or casey.williams@vcsu.edu or ellen.anderson.2@vcsu.edu and we will pass the information to the club.

South Dakota State University Subunit

Cade Lyon

Two cookouts served as bookends, marking the end of the spring 2019 semester and the beginning of the 2019 fall semester at South Dakota State University. Both gatherings were attended well by present and future members of the American Fisheries Society student subunit. These events serve as great social events to usher in prospective students and bid fare-well and best wishes to students graduating to continue their careers. Good food was had and it was a great networking opportunity for all those involved.

Members have participated in a lot of fundraising opportunities for the subunit. Starting off with our annual chili feed in the spring where over 10 different chili's were entered. Following that was a cookout hosted by the Subunit at the annual Walleye Technical Committee meeting held in Webster, SD in mid-July. Then finally, members worked concessions at the second Jackrabbits football game in early September of this year.

We held a night of bass fishing in October and ice fishing in January at the Nature Park ponds in Brookings. We also hosted workshops for our members including resume/CV building and otolith aging techniques. In early November, a number of students went to assist GF&P with their annual salmon spawn at Whitlock Bay.

The subunit awarded four Sauger Scholarships this year to attend the 2020 Dakota Chapter meeting in Spearfish. Brandt Boekhout, Dalton Flahaven, McKenzie Hansen, and Spencer Kuiper were recipients of the scholarships. McKenzie Hansen presented a poster at the meeting, "Utilizing Habitat Variables to Predict Brown Trout Biomass in the Black Hills" and Cade Lyon presented a paper "Population Dynamics and Hooking Mortality of Walleye in

Western South Dakota". Brandt Boekhout was also the recipient of the James C. Schmulbach Memorial Scholarship and Cade Lyon was the recipient of Robert A. Klumb Memorial Scholarship.

Soon, officer elections will be held offering a great opportunity for interested students to provide an environment to foster fisheries science learning.



Sauger Scholarship winners Brandt Boekhout, Dalton Flahaven, Spencer Kuiper and McKenzie Hansen

Kaemingk Joins UND Faculty

Mark Kaemingk will join the Department of Biology at the University of North Dakota this fall as an Assistant Professor of Aquatic Ecology. Mark received his Ph.D. in Fisheries Sciences from South Dakota State University and was advised by the late Dave Willis (an alumnus of UND), M.S. in Conservation Biology from Central Michigan University, and B.S. in Wildlife and Fisheries Sciences from South Dakota State University. He then held a National Science Foundation Postdoctoral Fellowship in Biology, working in New Zealand at the Victoria University Coastal Ecology Laboratory. He is currently a Research Assistant Professor within the School of Natural Resources and Nebraska Cooperative Fish and Wildlife Research Unit at the University of Nebraska-Lincoln.

Mark has worked on a wide variety of ecosystems, including large rivers and reservoirs, shallow lakes, a Laurentian Great Lake, and coastal rivers, estuaries, and marine environments. The overarching goal of his research program is to combine spatial and temporal approaches to understand biological interactions. He is particularly excited about working on spatiotemporal questions that focus on the interactions among fish communities, anglers, and the habitats they occupy. Mark also enjoys mentoring and providing professional development opportunities for students, such as working directly with local, state, and federal agencies.

Mark grew up in south central South Dakota, along the Missouri River, where he developed a passion for conserving and managing our natural resources. Mark's first professional talk (as an undergraduate student) was at a Dakota Chapter meeting in Bismarck, North Dakota. At the time, he never envisioned having the honor of working in a state with such tremendous

fisheries and with people that are passionate about ensuring these fisheries exist for future generations. Thus, he is really looking forward to developing relationships and partnering with stakeholders, such as North Dakota Game and Fish, to assist with sustaining these amazing aquatic resources. Mark is excited about training and educating the next cohort of professionals that will be responsible for managing these systems. On a personal note, he and his wife Amy and their two sons (Zander – 4 and Aden – infant) are looking forward to the outdoor adventures that await in North Dakota.



Mark and Zander Kaemingk proudly displaying Zander's bass.

North Dakota Game and Fish

Greg Power

Seems like every year is a new one for the record books and 2020 seems no different. In fact, a very large, thick record book! Each individual, work group, agency, etc. has been affected differently when it comes to COVID-19, but one thing for sure, we've all been impacted.

For the North Dakota Game and Fish Department, we've been somewhat fortunate as it's been as close to 'business as usual' as possible. That's not to say, there haven't been impacts –

As of very late April, fisheries activities have been canceled/postponed including –

- Suspension of creel clerk activity for Devils Lake creel survey
- Red River 2020 creel survey
- Net treating
- Spring paddlefish tagging in the Confluence area
- Salmon CWT tagging

As of very late April, fishing activities have been impacted include –

- Canceled this year's paddlefish snagging harvest season
- Revoked all April-May fishing tournament permits
- No fishing piers going into the water for time being
- New 'physical distancing' signs going up everywhere near shorelines, ramps, etc.

At the same time, we've been green lighted to accomplish most of our normal spring activities (with COVID-19 precautions in hand) including –

- Northern pike spawning (hopefully enough eggs were taken (primarily from the Devils Lake complex) to meet the requests)
- Adult yellow perch, northern pike and channel catfish trap and transport
- Catchable rainbow trout stocking
- Walleye spawning (just begun as of the end of April; hopefully Lake Sakakawea will again provide the needed eggs)

And even though we're only one month into our new fishing season, our resident license sales are 15k higher than this time last year. When so many people are un/under-employed (and bored!) they go fishing!!!!

There are a couple updates I'd like to share. First, like much of South Dakota, record late summer/early fall rains occurred across the North Dakota landscape. In the short term, this resulted in record water level in many of our waters which greatly reduced the amount of winterkill this past winter. And in the long term, the record rainfall coupled with trophic upsurge will again create great opportunities to establish new fisheries or re-establish old waters.

Also, as result of the 2019 North Dakota legislative session, an enhanced aquatic nuisance species (ANS) program was created. The expressed intent of this bill is to augment ANS education, inspection, and monitoring programs conducted by the North Dakota Game and Fish Department. Funding for this new program is generated by surcharges and license increases for motorized watercraft licensed in North Dakota, motorized watercraft operated on waters in North Dakota but not licensed in North Dakota, on each resident individual, married couple and combination fishing license, and nonresident fishing and waterfowl licenses.

The legislation also allowed for the Department to hire an additional ANS biologist and game warden. In January, Jessica Howell (our previous ANS coordinator) resigned and took a position in Missouri. Ben Holen has been hired as our new ANS coordinator and just recently Kelly Zorn came on board as the Department ANS biologist. Both Ben and Kelly are in our Jamestown office.

Past Chapter member concerns about drought, farming practices, oil/brine spills, ANS etc. have been supplanted with something that is so microscopic yet has impacted literally all 7,780,864,798 of us on planet earth – COVID-19. Times like this give us good reason to pause and perhaps reprioritize what really matters. Thankfully we all have the ‘love for the outdoors’ in our back pocket – this is fundamental to our collective strengths.

Get out, relax and spend some time wetting a line!



Best Student Paper Award winner Spencer Dorsey presented: Identifying Effectiveness of Manmade Gravel Beds in Promoting Bluegill Reproduction.

South Dakota Staff Changes

Dave Lucchesi

Todd St. Sauver, GFP Southeast Area Fisheries Supervisor, retired in January after 36 years with the Department. Todd spent his career working to improve fishing in southeastern South Dakota starting as a Conservation Technician, then becoming a Resource Biologist, and spending the last 18 years as the Area Fisheries Supervisor in Sioux Falls. Todd was active with the Dakota Chapter serving as President in 2008. Last we heard, he was using part of his retirement gift to purchase an emu to join his chickens, ducks, goats and cats on the hobby farm. Dave Lucchesi was hired as Todd’s successor in that position.

Will Sayler, GFP Fisheries Program Administrator - Fish Production, retired in March after over 35 years of work to help keep South Dakota waters full of fish. Will was the long-time Hatchery Manager at Cleghorn Springs SFH in Rapid City prior to taking on his Pierre Program Administrator position. Will was active in the Chapter serving as President in 2000. He will always be remembered by us ‘old folk’ as the ‘go to’ person for setting us straight on Roberts Rules of Order at Chapter business meetings as well as sometimes treating us to some great barbeque at fish meetings (that boy could cook!). Sounds like he will be spending his retirement in beautiful western South Dakota close to his hometown of Murdo. Mike Barnes has been selected to oversee fish production at GFP state fish hatcheries as well as continue to manage the McNenny Hatchery near Spearfish.

Amy Gebhardt, a 2017 hire as Resource Biologist in Chamberlain, was selected for the new Chamberlain Fisheries Biologist position created through the restructuring of Missouri River staff positions. Brandon Vanderbush (yes...believe it or not, the grandson of retired

Rapid City Area Fisheries Supervisor, Lee Vanderbush) was hired into the Resource Biologist position vacated by Gebhardt. Brandon received his MS in Fisheries Science at SDSU researching the importance of gizzard shad in fish diets in South Dakota small impoundments under the guidance of Dr. Melissa Wuellner. If you need a good read on 'everything you ever wanted to know about zebra mussels,' Brandon has one written up as an introductory project and a draft is now available. Congratulations Amy and Brandon!

Blaise Bursell was selected to fill the Resource Biologist position in Rapid City that was vacated by Michelle Bucholz. Blaise was at Cleghorn Springs State Fish Hatchery, but his love for bullheads (it's part of his Iowegan heritage) motivated him to leave for the greener pastures of fisheries management. In addition to his adulation of those little whiskered bottom-dwelling omnivores, rumor has it that Blaise also has a special place in his heart for horses (maybe not...you'll have to get the whole story directly from him). Congratulations Blaise! Mike Greiner, GFP Senior Biologist—AIS Coordinator, decided to leave the prairies for mountains, pine trees, clear streams, trout and salmon, elk, chukars, etc., etc. Mike will be working as a salmonid biologist for the Idaho Department of Fish and Game. Best wishes to Mike in his new endeavor!

One person leaves for Idaho and another person arrives in South Dakota from the gem state. Shaylee Martling was recently hired as a Resource Biologist at Cleghorn Springs State Fish Hatchery. Adamant that she is not from "Potato Idaho", Shaylee came from the forests of the northern panhandle to the forests of the Black Hills. She started as an intern at McNenny Hatchery in the fall of 2019 and completed a Spearfish Creek redd mapping project for her internship (remember her 2020 Chapter meeting presentation?). Her manuscript should be published in the Open Journal of

Ecology by the time you read this! Shaylee is one of those rare people with a great attitude and incredible work ethic who is also really fun to be around. We are happy to have her on board!

BJ Schall, our AIS Biologist in Sioux Falls, was selected to fill the vacated Sioux Falls Fisheries Biologist position. In the absence of our entire AIS staff, BJ will work with Aquatics Chief, John Lott, and other GFP staff to continue administering our AIS program. He will also be conducting research on yellow perch stockings and studies to evaluate habitat use and movement of Blue Suckers, Flathead Catfish (and hopefully Silver Carp) on the lower James River with Dr. Jeff Wesner at USD. Honestly, I was relieved not to have to compete with the slate of extremely qualified applicants vying for my old job. Congratulations BJ!



Best Professional Poster Award winner
Eric Krebs presented: A Novel Splash Plate Design for Serial Reuse Raceways.

Chapter Bylaws

Submitted by Steve Chipps

The recent revisions to the Chapter bylaws were formally approved by the AFS Governing Board in December.

The amendments to the By Laws and Procedural Manual (last revised in 2007) were not extensive; changes included:

- 1) Recognizing Valley City State University Student Subunit of AFS as an official entity of the Dakota Chapter AFS and Excom
- 2) Recognizing the Northern Pike Scholarship and related lodging accommodations for recipients
- 3) Moving the selection of Sauger and Northern Pike award recipients from the Sub-units to the Awards and Nomination Committee
- 4) Establishing two sub-committees under the Awards and Nomination Committee, whose responsibilities include selecting student award recipients for our two memorial scholarships i) the Dr. James C Schmulbach Memorial Scholarship and ii) the Dr. Robert A. Klumb Memorial Scholarship
- 5) Inclusion of new Paper and Poster evaluation forms (i.e., judges forms).
- 6) General edits/updates/and re-organization to existing items.

Steve passed along the following comments regarding the bylaws/procedural manual:

A couple of things to mention – so that this information is carried forward with new officers/EXCOM committees and perhaps shared with the membership in the newsletter.

- 1) The Bylaws and Procedural Manual for the Dakota Chapter AFS have always been included in a combined document titled “Bylaws & Procedural Manual”. Over time,

I think this has contributed to some confusion that everything in this document constitutes the ‘bylaws’ – and thus, in order to change/add/edit anything, we must change the ‘bylaws’. This is not correct. In fact, the bylaws that are reviewed/approved by AFS are represented by 10 Articles found only in Section I (pages 1-4). If the chapter needs to change/edit/add anything to these Articles, then we need to submit to the membership for a 30-day review/comment period, and finalize changes by submitting the amended bylaws to the Governing Board of AFS for review/approval (generally ahead of the annual meeting, would be the best time). The major change we recently made to our bylaws (and got approved by AFS in Dec 2019) was formally recognizing the Valley City State University Student Subunit and their role on the Executive Committee.

- 2) The Procedural Manual is the lowest level of documentation of Chapter operations, and contains the ‘nuts-and-bolts’ of how we operate. This information (Sections II-VI) does not require approval by AFS. Changes to the Procedural manual can be made by simple majority vote of the Executive Committee, as outlined in Article X, paragraph 3 of the Chapter’s bylaws. I would recommend, however, that any perceived, major changes/additions to the procedural manual should be brought to the membership during the annual meeting (by Pres) and opened for discussion among the members (no motion or vote required).

The current Bylaws and Procedural Manual will be posted on the Chapter website.

A First Look at Bigmouth Buffalo Longevity in Northeastern South Dakota

Tyrel Moos

How old are the Bigmouth Buffalo swimming in waters throughout the Dakotas? This has been a question on the mind of many fisheries people after seeing the presentations by Alec Lackmann at recent Dakota Chapter AFS meetings (2018 and 2019). Alec and his colleagues recently published their findings in the journal *Communications Biology*, “Bigmouth Buffalo *Ictiobus cyprinellus* sets freshwater teleost record as improved age analysis reveals centenarian longevity”. Before their work, little was known about the longevity of this often-overlooked native species. To gain knowledge concerning their longevity in South Dakota the South Dakota Department of Game, Fish and Parks aquatics staff collected Bigmouth Buffalo from multiple waters in 2018 and 2019 and removed otoliths for age estimation.

Few northeastern South Dakota lakes sampled in 2018 and 2019 yielded numbers of Bigmouth Buffalo. As is typical, most of captured specimens were small (<600 mm). For example, only 1 of 47 specimens captured from Lake Kampeska from 2018 and 2019 was >600 mm. Large specimens are rarely captured during standard fish population assessments utilizing gill nets and modified fyke nets, likely due to gear bias and the rarity of those fish in the populations. We found only larger fish and YOY while electrofishing a small pond operated by the city of Aberdeen and a commercial fisherman gave us a several large specimens while seining Pelican Lake.

Because we were interested in the longevity of Bigmouth Buffalo in northeast South Dakota, otoliths were only collected from the largest fish

sampled. We collected otoliths (lapilli) from six Bigmouth Buffalo from Lake Kampeska; five of the fish ranged from 392–454 mm and the other was 775 mm. We were able to collect otoliths (asterisci and lapilli) from 11 fish (711–901 mm) from the Aberdeen Water Treatment Pond and six fish (711–817 mm) from Pelican Lake.

Otoliths from Lake Kampeska were mounted in epoxy and then sectioned (600 micron) with Buehler low-speed saw using a diamond wafering blade. The otolith sections were viewed with a Zeiss Stemi 2000C dissecting scope and images were recorded with a Moticam 5+ camera. Three readers independently assigned ages to each fish. While working with the otoliths from Lake Kampeska we found we lacked the necessary equipment to section and take quality images of the otoliths within the specifications used by Lackmann et al. (2019). Therefore, we collaborated with Alec Lackmann who was gracious enough to section, capture images, and assign ages to the remaining otoliths following the methodology from their research. In addition to the age estimates provided by Alec, two additional readers also estimated the ages for these otoliths.

Age estimates for the five smaller fish from Lake Kampeska ranged from 5-10 among readers. There was substantial variability of ages for these smaller fish, likely due to poor image quality limited by our available equipment. The large fish was estimated to be 20-23 years old.

Age estimates for the fish from Pelican Lake ranged from 23-30 (Table 1). Pelican Lake is a shallow natural lake that periodically connects to the Big Sioux River. Although the lake suffered a severe winterkill event during the winter of 2008-2009, subsequent immigration of older fish has likely occurred from the connection to the river.

Fish collected from the Aberdeen water treatment pond had age estimates ranging from 40-56 years (Table 1). Although not centenarians, these fish are considerably older than was expected prior to the findings of Lackmann et al. (2019). Anecdotal information from city workers indicated the pond has connected to the James River during extreme flow events, the last time being in the late 1980's.

Our results, from limited fish, indicate the potential longevity of Bigmouth Buffalo in northeast South Dakota. We believe that further investigation is warranted throughout their

range. This is especially true of the Big Sioux and James rivers. We are grateful for the collaboration provided by Alec Lackmann. He has a wealth of knowledge and was more than eager to assist us. Thank you Alec!

Lackmann AR, Andrews AH, Butler MG, Bielak-Lackmann ES, and Clark ME. 2019. Bigmouth Buffalo *Ictiobus cyprinellus* sets freshwater teleost record as improved age analysis reveals centenarian longevity. *Communications Biology*, Vol. 2, Article 197.

Table 1. The ages assigned by three readers for Bigmouth Buffalo collected from Pelican Lake and an Aberdeen Water Treatment Pond (WTP) in 2019. The otolith aged and the total length (TL) of each fish are also listed. Reader 2 and Reader 3 could not confidently assign ages to two Bigmouth Buffalo from the Aberdeen Water Treatment Pond (?).

Waterbody	Otolith Aged	TL	Age Assignments		
			Reader 1	Reader 2	Reader 3
Pelican	Asteriscus	817	29	25	29
Pelican	Asteriscus	784	30	25	30
Pelican	Asteriscus	711	29	29	28
Pelican	Asteriscus	752	26	25	25
Pelican	Asteriscus	752	23	23	23
Pelican	Asteriscus	799	29	26	26
Aberdeen WTP	Asteriscus	838	50	48	50
Aberdeen WTP	Lapillus	721	45	?	?
Aberdeen WTP	Asteriscus	870	47	40	38
Aberdeen WTP	Lapillus	847	48	?	?
Aberdeen WTP	Asteriscus	797	46	45	47
Aberdeen WTP	Asteriscus	901	46	45	45
Aberdeen WTP	Asteriscus	876	46	44	46
Aberdeen WTP	Asteriscus	863	52	52	51
Aberdeen WTP	Asteriscus	760	56	56	55
Aberdeen WTP	Asteriscus	711	40	42	41
Aberdeen WTP	Asteriscus	870	49	46	46



Figure 1. An image of the otolith from the oldest Bigmouth Buffalo captured from the Aberdeen Water Treatment Pond in 2019. Two readers aged this otolith at 56 and one at 55.

Annual Meeting Announcement - 2021

The 2021 Annual Meeting of the Dakota Chapter of the American Fisheries Society is scheduled to be held at the Quality Inn in Bismarck, ND, February 22-24, 2021.

Barring any setbacks due to ongoing pandemics, murder hornets, fire-breathing this or plagues of that, more information will be sent as arrangements are made later this year.

Hope to see you all there!

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Standing Committees

Planning

Steve Chipps (SD)

Schmulbach Scholarship

John Carreiro (SD)
Zach Shattuck (MT)

Continuing Education

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

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

Joshua Wert (chair, ND)
Position Open

Resolutions

Chelsey Pasbrig (SD)
Gene Galinat (SD)

Technical Committee Representatives

Walleye Tech Committee

Mark Fincel (SD)
Todd Caspers (ND)

NCD Centrarchid Tech Committee

Position Open (SD)

NCD Escocid Tech Committee

Brian Blackwell (SD)

NCD Ictalurid Tech Committee

Dave Lucchesi (SD)

NCD Rivers and Streams Tech Committee

Position Open (SD)
Aaron Larson (ND)