



U.S. Fish & Wildlife Service

# D.C. Booth Historic National Fish Hatchery and National Fish & Aquatic Conservation Archives *2020 Year in Review*



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**Top left to right:** A whitetail buck adjacent the Booth House; Canada goose with goslings photo by Les Heiserman; Animal Control Officer inspecting a hawk for injuries after it was hit by large hail on hatchery grounds. **Bottom left to right:** NFACA artifact, a U.S. Fisheries Commission uniform button; Yellowstone boat and autumn colors; trout as seen from the underwater viewing windows. **Cover photo by:** Chris Yushta and is used with permission and a signed photo release.

\*All photos in this publication are credited to U.S. Fish and Wildlife Service and/or Booth Society employees unless otherwise noted.

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## A message from the Project Leader

Despite challenges from the Covid-19 pandemic, two thousand twenty marked another productive year for the D.C. Booth Historic National Fish Hatchery and the National Fish and Aquatic Conservation Archives (NFACA). Programs, partnerships and community support remain strong.

We continue to improve and grow our fish culture program. In 2020 we stocked five reservations and Ellsworth Air Force Base in South Dakota, and three reservations in Eastern Montana. We anticipate the same in 2021. Stocking tribal lands provides recreational fishing opportunities and provides a boost in economically depressed areas while fulfilling tribal obligations on behalf of the Department of Interior and U.S. Fish and Wildlife Service.

D.C. Booth continues to be involved in a variety of cultural resource and historical preservation roles. As the official archives for the U.S. Fish and Wildlife Service's fisheries program, we strive to protect and preserve fisheries records and artifacts for historic, research and educational purposes. The bulk of the collection focuses on the history of fish culture, fisheries management, the U.S. Fish Commission, U.S. Bureau of Fisheries, National Fish Hatchery System and the overall history of the U.S. Fish and Wildlife Service. In 2020, archival material from 6 National Fish Hatcheries, the Washington Office and 2 private donors were accessioned into the collection. Although this adds to our already large cataloging backlog, the items prove to be priceless additions to the collection. Established in the late 1970s, the ever growing collection consists of approximately 1.8 million archival items and 14,000 artifacts.

Unfortunately, staffing shortages have forced us to eliminate—hopefully temporarily—some youth programming at the facility over the last few years. Two of those programs include Hatchery Helpers, an award winning youth conservation program, and Jr. Duck Stamp which garnered two national best of show awards. We intend to bring back the programs when we can provide the proper training, supervision and oversight.

The Booth Society, Inc. remains the U.S. Fish and Wildlife Service's flagship fisheries friends group and D.C. Booth's official education and fundraising partner. The 501 c(3) non-profit promotes, preserves, and enhances the educational cultural and recreational opportunities at D.C. Booth for the benefit and enjoyment of the public. They support visitor services by helping provide interpretive and educational programs and coordinating recreational activities for almost 180,000 annual visitors.

We will celebrate the 125th anniversary of the D.C. Booth Hatchery in 2021, though unfortunately we have scaled down our agenda due to the ongoing pandemic. In addition, 2022 marks the 150th anniversary of the National Fish Hatchery System and we have begun planning activities and events for the sesquicentennial to be held the week of June 20, 2022. Mark your calendar.

When was the last time you visited D.C. Booth? I encourage you to rediscover the hatchery and all that it has to offer. I look forward to seeing you here sometime soon!

-Carlos R. Martinez



*Carlos R. Martinez, Project Leader of D.C. Booth Historic NFH and National Broodstock Coordinator.*

## about us

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*Original 1899 hatchery building.*



*Spring Stocking sculpture on hatchery grounds.*

### **D.C. Booth Historic National Fish Hatchery**

Established in 1896 to propagate, stock and establish trout populations in the Black Hills of South Dakota and Wyoming the D.C. Booth Historic National Fish Hatchery—previously named Spearfish National Fish Hatchery—is dedicated to fish culture and resource management. The station currently produces trout for recreational fishing on tribal lands in South Dakota and Eastern Montana and regional military waters. Listed on the National Historic Register, the hatchery’s mission and partnerships strive to preserve the U.S. Fish and Wildlife Service’s historic and cultural heritage for educational, research, and historical purposes and provide interpretive and educational programs to the public.

### **National Fish and Aquatic Conservation Archives**

The mission of the National Fish and Aquatic Conservation Archives (NFACA) is to assemble, preserve, protect, interpret and make accessible to researchers the history and technology of the federal fisheries program. The bulk of the collection focuses on the history of fish culture, fisheries management, the U.S. Fish Commission, U.S. Bureau of Fisheries, National Fish Hatchery System and the overall history of the U.S. Fish and Wildlife Service. The 10,000 square foot Arden Trandahl Collection Management Facility serves as a Department of the Interior standards compliant archival center.

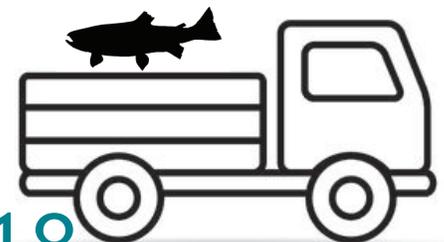
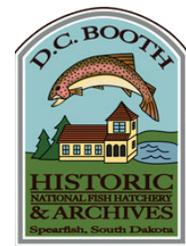
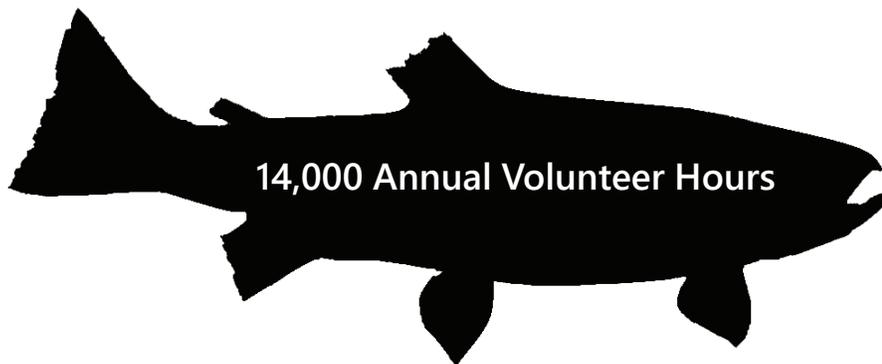


*U.S. Fish Commission Fish Car #3.*



*Historic superintendent's home.*

# D.C. Booth Historic NFH Quick Stats - 2020



**18**  
**Reservoirs**  
in South Dakota and Montana stocked in 2020.

## conservation in action

### Despite pandemic, Tribal Stocking in South Dakota and Montana fulfilled



*Mitch Adams releases trout into a Northern Cheyenne Indian Reservation lake in Montana during a June stocking trip.*

Despite reservations closing their borders to visitors due to the pandemic, D.C. Booth was still able to successfully coordinate with Tribes and stock all eight reservations in 2020. This is due to the strong partnerships staff have formed with tribal representatives and also because the staff of D.C. Booth strongly believes in the importance of tribal stockings. Currently D.C. Booth Historic National Fish Hatchery rears Rainbow and Brown trout for tribal and cooperative fishery management programs that fulfill tribal, state, and Federal fishery management goals.

Stocking numbers and locations are coordinated with the Montana Fish and Wildlife Conservation Office (Billings, MT); Great Plains Fish and Wildlife Conservation Office (Pierre, SD); and the South Dakota Game, Fish and Parks Tribal Liaison. Stocking tribal lands provides recreational fishing opportunities and provides a boost in economically depressed areas while fulfilling tribal obligations on behalf of the U.S. Fish and Wildlife Service.



*Above: Carlos Martinez loads trout into the stocking truck.  
Right: Bio tech Mike Stracco does a sample count of trout.*



South Dakota and Montana Reservations stocked by the D.C. Booth Fish Hatchery



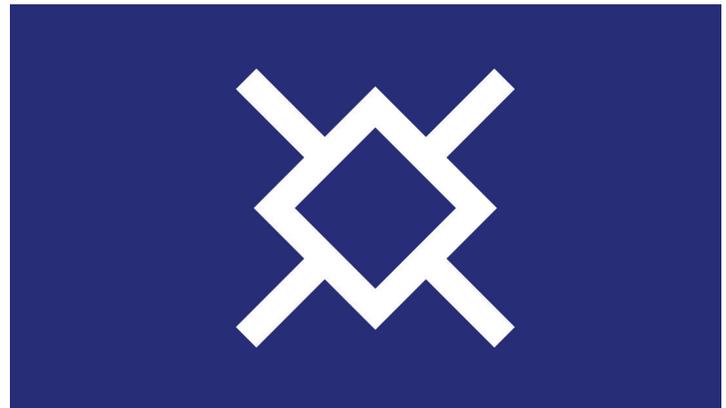
Cheyenne River Sioux Tribe, South Dakota



Crow Tribe, Montana



Fort Peck Tribes, Montana



Northern Cheyenne Tribe, Montana



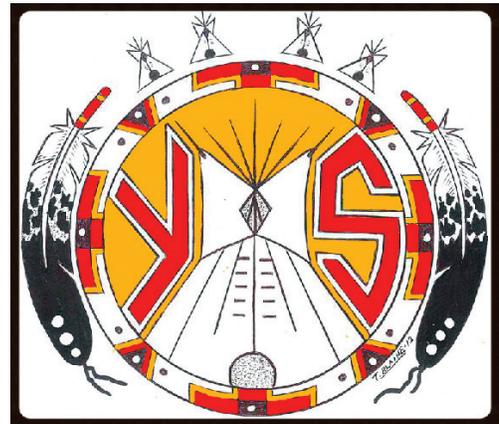
Oglala Lakota Tribe, South Dakota



Rosebud Sioux Tribe, South Dakota



Standing Rock Sioux Tribe, South Dakota



Yankton Sioux Tribe, South Dakota

## conservation in action

### D.C. Booth part of new research on eradicating non-native trout via double YY chromosome Brown trout

It may seem counter-intuitive, but in addition to raising and stocking fish, fish hatcheries can also be used to reduce or eradicate unwanted fish populations. Idaho Fish and Game researchers are studying whether using traditional hatchery technology in a nontraditional way can eliminate undesirable fish populations in the wild.

Selectively breeding fish to get an entire population to produce one gender is routinely done in commercial aquaculture hatcheries to raise identical looking food fish and increase growth rates. This 50 year-old technology is being used to develop fish populations whose offspring can only produce males. These males have two YY chromosomes rather than the XY arrangement. By stocking YY-male hatchery fish into a body of water with an undesired fish in it (such as a non-native trout out-competing native trout in certain areas) could change the ratio to all males within a few generations and thus cause them to die out. Once accomplished fisheries managers would then restock the body of water with the desirable fish species.

D.C. Booth has partnered with McNenny State Hatchery (SD) to assist Idaho Game and Fish with the effort by creating a brown trout broodstock. Idaho had promising results with Brook trout and the "YY male" method is being looked at to eradicate or limit other undesirable fish species that limit game fish populations, native populations or harm habitats.

The brown trout eggs came from the FWS Saratoga National Fish Hatchery (WY), were hatched at McNenny and are now at D.C. Booth where they will be grown out for two years. "We are looking at the possibility that D.C. Booth would be home to one or more YY broodstocks that in the future would be used for eradication purposes," says D.C. Booth Hatchery superintendent, Carlos Martinez.

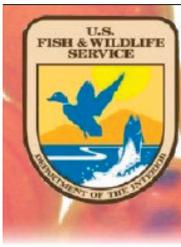
During the time that the brown trout are being cared for at D.C. Booth, Idaho Game and Fish staff are periodically testing the efficacy of the process. Martinez said there is some speculation that the brown trout could revert back to being XY males later in their maturation cycle, so that will be monitored closely.



Above: Liz Mamer, President of ERJMM Research, processes samples from the YY Brown trout at D.C. Booth. Below: McNenny delivers the YY Brown trout to D.C. Booth.



Above: Carlos Martinez being interviewed about YY Browns by a tv station.



U.S. Fish & Wildlife Service

## National Broodstock Program *Inland Salmonid*

As an auxiliary duty, D.C. Booth Historic National Fish Hatchery Project Leader Carlos Martinez serves as the National Broodstock Coordinator. Established in 1970, the National Broodstock Program maintains gene pools of distinct species and strains of inland salmonids. This ensures the availability of

an adequate number of eggs to satisfy fisheries priorities and biological requirements of resource management for recovery, restoration, tribal trust, mitigation, and recreational fishing needs for the American public.

The program provides approximately 50 million eggs annually to Federal, State, tribal and private fishery agencies at over 80 facilities in 37 states. Some of the inland species include Apache trout, Brook trout, Brown trout, Cutthroat trout (various subspecies), Lake trout, and Rainbow trout.



In 2020, the annual National Broodstock Coordination Meeting was scheduled to be held at the Columbia River Gorge National Fish Hatchery Complex in Washington. Unfortunately, the pandemic resulted in cancellation and a series of video meetings were conducted in its place. The next in-person meeting is scheduled for June 2022 in conjunction with the American Fisheries Society's Fish Culture Hall of Fame Induction at D.C. Booth Historic National Fish Hatchery in Spearfish, SD.



Above: Iron River NFH (WI) maintains a Coaster brook trout broodstock for restoration and recovery purposes.

## Migratory Bird Biology and Management

Terry Liddick, Wildlife Biologist and Pilot with the Division of Migratory Bird Management, is based out of D.C. Booth Historic National Fish Hatchery and his plane is kept at Black Hills Clyde Ice Airport in Spearfish. He assists the Division in managing the continental waterfowl population with the annual surveys that he flies. This includes the May Waterfowl Breeding Population and Habitat Survey in the Dakotas and the March mid-continent sandhill crane population survey in the central Platte River Valley of Nebraska. He also conducts the fall inventory of mid-continent white-fronted geese in central Saskatchewan and Alberta (September) and the Oklahoma mid-winter waterfowl inventory survey (January).

Each year he flies Region 6 conservation easement compliance enforcement flights for grass and wetland easements for wetland management districts throughout North Dakota, South Dakota and eastern Montana. Terry also leads a waterfowl banding crew as part of the Western Cooperative joint USFWS/CWS Pre-season Waterfowl Banding Project every August in Saskatchewan or Alberta. He also participates in the Central Flyway Wingbee every February at Flint Hills NWR, identifying hunter harvested and submitted waterfowl wings to species, age and sex. Survey, banding, and wingbee data are used to set annual waterfowl hunting seasons and bag limits.



In 2020 due to the pandemic the Division did not do the crane survey, May survey or WFG and banded ducks at Lacreek National Wildlife Refuge in South Dakota instead of Canada.

## conservation in action



D.C. Booth Project Leader Carlos Martinez serves as a scuba diver on the Region 6 Dive Team. One of the teams primary duties is to provide support to Aquatic Invasive Species (AIS) monitoring and eradication projects. The ongoing pandemic resulted in the cancellation of several workshops, trainings and missions. Two projects that commenced in 2020 include:

**Lake Fort Peck, Montana** - In August, divers conducted 14 dives in six different locations inspecting and installing dreissenid substrates at Lake Fort Peck, MT. This project is a cooperative effort with the Army Corps of Engineers, the U.S. Fish & Wildlife Service and Montana Fish, Wildlife and Parks to monitor for early detection of invasive dreissenid mussels. Substrates are retrieved and inspected annually; were designed by Carlos Martinez; funded by Region 6 AIS funds; and were constructed by staff at the D.C. Booth Historic National Fish Hatchery. This year, at the request of the Army Corp of Engineers, 16 dives were conducted in order to inspect the Fort Peck dam spillway gates for invasive mussels. Fortunately no evidence of invasives have been discovered to date.

**Tiber Dam/Lake Elwell, Montana** - In October, divers conducted inspections and surveys of Turner Point and the rock face of Tiber Dam for invasive dreissenid mussels. This was the fourth year Region 6 divers have assisted the State of Montana with the project in Lake Elwell. Fortunately in those four years no invasives have been discovered. This annual inspection is expected to continue for one additional year. If no adult mussels are found after the fifth year, Tiber Reservoir will officially be considered invasive mussel free.



USFWS Divers prepare to install substrates in in Lake Fort Peck, MT.



FWS diver, Lee Bender, participates in a scuba training exercise in Flathead Lake, MT.

## Private Lands Biology



Joe Nichols, a wildlife biologist based out of D.C. Booth Historic National Fish Hatchery, serves as a private land wildlife biologist with the Partners for Fish and Wildlife Program. He works with ranchers and other landowners in western South Dakota to help improve wildlife habitat on their property. He takes pride in helping ranchers implement conservation practices that benefit their livestock operation as well as grassland wildlife.

In 2020, he worked with 19 landowners protecting 57 wetland acres and 24,891 upland acres. 5 wells/solar conversions and 80,000 feet of new pipeline were installed. 6 miles of new wildlife friendly fencing was also put in.

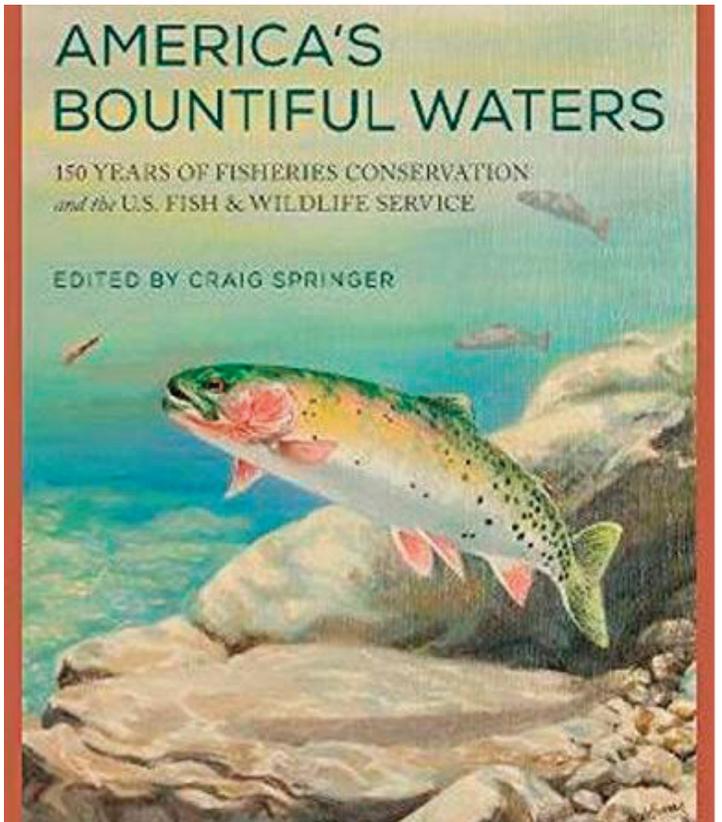
## Majority of historic photos in Fisheries 150th book from NFACA

Over the past two years, Carlos Martinez and April Gregory have been instrumental in the production of a soon-to-be published book celebrating the 150th anniversary of the U.S. Fish & Wildlife Service's Fish and Aquatic Conservation (FAC) program. FAC is the nation's oldest federal conservation agency and the book celebrates the sesquicentennial while also looking to the future of the program. One highlight of the product are heartfelt essays from current employees regarding species they have worked with for decades.

Coordinating with editor Craig Springer and other fisheries contacts across the nation, D.C. Booth staff utilized their network and resources to research and solicit the material, knowledge, and historical information critical for the publication. Scads of historic fisheries photographs were identified from the National Fish and Aquatic Conservation Archives (NFACA) for potential inclusion, April Gregory and archives volunteer Susanne Nuemiller scanned over 500 images for this purpose.

Besides providing images, the archives also provided a large amount of historical information for the book. April was tasked with creating a list of all past and current fisheries facilities - no small undertaking. After several months of combing through historical reports and documents the list topped 400 stations. Despite best attempts by the curator, she is sure there are likely facilities that may have been missed, particularly egg collecting sites.

Fisheries stations across the nation have been encouraged to celebrate the anniversary at their facilities. D.C. Booth had been planning a grand event in conjunction with the FWS Retirees Association for the week of June 21, 2021. However, due to the pandemic it has been postponed to



June of 2022. Coincidentally 2022 happens to be the 150th anniversary of the National Fish Hatchery System so there will still be reason to celebrate!

*Note: Be sure to contact the curator to donate items to the archival collection.*

## National Fish & Aquatic Conservation Archives: By the Numbers

1.8 MILLION  
ARCHIVAL  
RECORDS

14,000 OBJECTS

NUMEROUS  
RESEARCH  
REQUESTS  
ANNUALLY



CONTINUOUSLY GROWING!



ITEMS FROM  
EVERY STATE  
IN THE  
COLLECTION

## Museum Exhibit Renovation Project



A volunteer stands ready to welcome visitors into the museum in this summer 2019 photo.

U.S. Fish and Wildlife Service staff are collaborating with the Booth Society in formulating the initial designs for the Von Bayer Museum of Fish Culture's exhibit modernization project. The exhibits that are currently on display lack secure display cases, proper lighting and do not have a comprehensive flow to them. The best was done with what was had - many of the display cases are old cases that other area museums have discarded over the past 30 years.

However, that's not to say there wasn't a plan. In the mid-1990's the hatchery staff worked with a professional museum design company, Formations, Inc., on an exhibit plan. Now, more than twenty years later, the hatchery is excited to announce that it has reconnected with the same company to update the museum exhibits. Many of the displays will retain elements from the mid-1990's plan while other exhibits are being re-imagined or recreated. Ultimately, the museum will serve to tell the American public the story of National Fish Hatchery System.

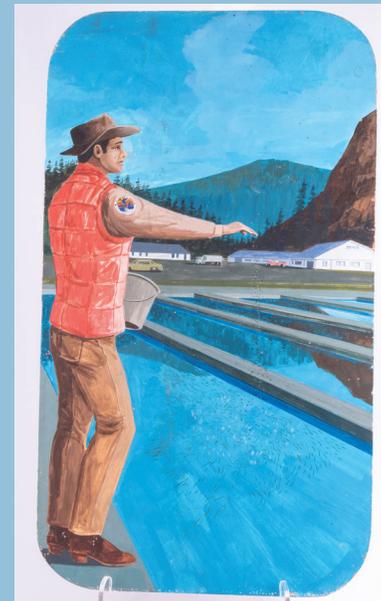
The final design of the exhibits will be complete by August of 2021. The Booth Society will be initiating a capital campaign in the near future to help fundraise for the remainder of the project including fabrication and install. With a state-of-art museum, visitation to the hatchery is expected to go up.

## Spotlight on National Fish & Aquatic Conservation Archives Artifacts

### Original Hatchery Paintings

FISH 23547

FISH 23458



These original paintings on pressboard are from the Little White Salmon National Fish Hatchery in Washington state. They each measure eighteen inches across and nine inches tall. The artist and year they were created are unknown but the circular USFWS patch on the gentleman's orange vest date's them between 1957 and 1974. They were likely displayed in a visitor area for educational purposes.

### Bathythermograph

FISH 5521c

A bathythermograph is used to detect changes in water temperature versus depth. This bathythermograph came with a grid viewer, extra grids and a wooden holding crate, all of which reside in the Collection Management Building storage area.

The grid viewer was recently out on loan to a graduate student who used it for a current project with the USGS at Lake Ontario.



*D.C. Booth Historic National Fish Hatchery is listed on the National Register of Historic Places. Established as part of the National Historical Preservation Act of 1966, the National Register of Historic Places is the official list of our nation's historic buildings, districts, sites, structures, and objects worthy of preservation. D.C. Booth takes great pride in its historic buildings and structures and works diligently to meet Secretary of Interior Standards.*

## Epic hailstorm breaks 29 windows, causes roof damage

Around 5:30pm on June 4th, the Spearfish emergency sirens went off. The clouds overhead had an eerie blue tint to them. Luckily, the sirens provided a much needed warning for visitors and hatchery volunteers and staff to take cover - the storm moved in extremely fast and the hatchery sits in a narrow canyon, making it difficult to see what is on the horizon.



*Photo of a broken window pane on the 1899 hatchery building.*

The fast moving storm brought with it hail ranging in size from golf ball to tennis ball size. Though the storm only lasted about 10 minutes, it did substantial damage. The hail broke 29 windows, many of them the original windows on the historic buildings, including the 1899 hatchery building and 1905 superintendents home. It damaged virtually every roof on station. Several vehicles were badly damaged. Branches were broken, shrubs shredded, and wildlife were killed including ducks, a hawk and an osprey.



*Hail stones ranged in size from golf ball to tennis ball sized.*

Thankfully no visitors, volunteers or hatchery staff were injured during the storm.



*1899 hatchery building getting re-roofed with cedar shingles. Unusually warm weather sped re-roofing along.*

Hatchery staff were very busy the remainder of 2020 juggling clean-up, repairs, assessments, meetings, bids, and coordinating contractors to re-roof and replace windows. Ultimately all repairs were completed by the end of December.



*Image of the back windshield of a car after the hailstorm.*

## Fish Car Gets New Coat of Paint



Fish Car #3 was repainted in 2020. Both the body and gold detailing were redone. Spearfish artist Tim Peterson painted the gold detailing on Fish Car #3 when it was originally restored and placed on display in 1999. This summer, twenty-one years later, Tim replicated

and repainted the same detail work. The project is a result of a FWS collaboration with the Booth Society and was made possible with grants from the Outside of Deadwood Historic Preservation Fund (\$7,500) and the FWS Retirees Association (\$5,000).



## visitor services

### School Tours

As expected, 2020 school tour numbers were down due to the pandemic. Normally the hatchery provides tours to 3,000 students from South Dakota, North Dakota, Montana and Wyoming. D.C. Booth accommodated classes that were able to come to the hatchery for tours, obviously CDC guidelines were followed and adhered by.

In September, the district's entire 1st grade class came in small groups for hatchery tours led by Mitch Adams. In October, Carlos Martinez gave a tour to a science class from The Indian University of North

America, located at the Crazy Horse Memorial in Custer, SD.

Students learned about hatchery history, what types of fish are propagated, the Nat'l Fish Hatchery System, birds and waterfowl they saw on the grounds, and the anatomy of a trout. They also toured the Fish Rail Car to learn about historic shipping of fish. In the Replica Ice House, students are taught about Aquatic Invasive Species.

As the pandemic subsides, we look forward to being able to resume tours for nursing homes, daycares, schools and others.



Project Leader Carlos Martinez led an outdoor tour for university students from The Indian University of North America.



James Moore, from Texas, fixed the stairs on one of the nature paths.

### Summer RV Volunteers

D.C. Booth HNFH and the Booth Society work together to coordinate a large traveling RV summer volunteer program. The RV volunteers are from all around the nation and normally help accommodate almost 180,000 annual visitors by providing tours of the fish rail car, historic superintendent's house, and the fisheries museum. They also help in the gift shop.

Ordinarily, our 10 RV sites are occupied from May through September. The roster was full again for 2020, but due to COVID-19 concerns, about half of our RV volunteers canceled. As a safety measure we elected to not fill the vacant positions or open the historic venues. Four couples spent the summer season helping with outdoor tasks, greeting visitors, etc., while practicing social distancing.

Visitors were able to enjoy the outdoor trails, interpretive signs and feeding the fish. Visitors were looking for outside spaces to spend time during the pandemic, such as the fish hatchery.

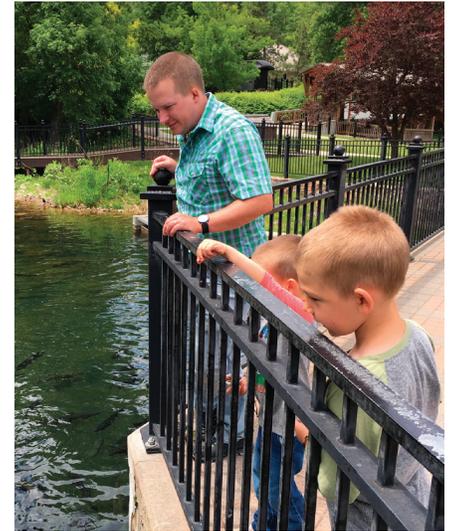


Bruce and Carol Judd, from North Dakota, ready to welcome visitors to the fish hatchery.



Dale Smith, from Tennessee, mowing the lawns.

## Summertime scenes from around the hatchery



### South Dakota Junior Duck Stamp

The D.C. Booth Historic National Fish Hatchery and the Booth Society have coordinated the South Dakota Junior Duck Stamp Program since 2006. The Booth Society provides additional staff, funding for prizes, advertising and catering. For the 2020 competition, 364 entries were received.

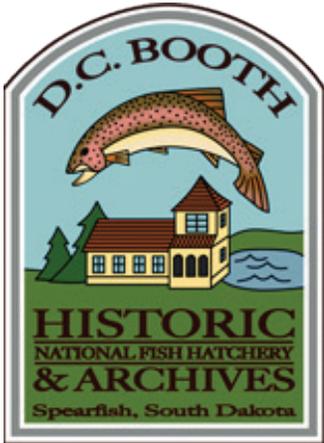
The judging for the Jr Duck Stamp Contest was held March 24. Originally scheduled for March 31, judging was held early and closed to the public because of the COVID-19 situation. As an additional precaution, only three judges were utilized instead of five, as approved by FWS Headquarters. There was not a State Awards Luncheon, instead prizes and ribbons were mailed.



Madison Grimm of Wallace, SD, won Best Of Show and Erika Symens of Amherst, SD, submitted the winning conservation message, "Conservation today, hope for tomorrow." Grimm's painting went on to win nationally and is the stamp for 2020-2021.

With staffing shortages and a number of large projects in swing, the hatchery made the difficult decision to transfer coordination of the Jr. Duck Stamp program to another FWS site in South Dakota for the 2021 contest. The Booth Society will assist the new coordinator with implementation of the program to ensure a smooth transition.

## working with partners



View of the land the Booth Society purchased adjacent to the hatchery. Photo by Nathan Hoogshagen.

The Booth Society is the hatchery's official education and fundraising nonprofit partner. The friends group partners with the U.S. Fish and Wildlife Service to create and provide opportunities for the public.

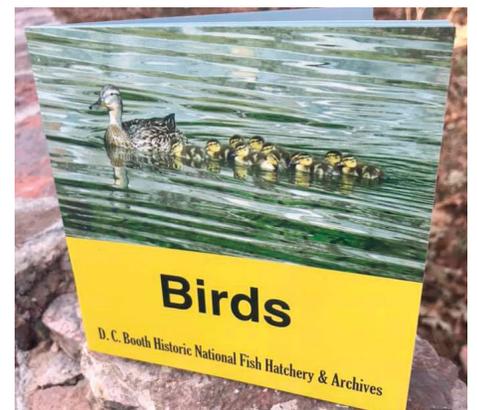
**Programs** - Programs supported by the Booth Society include managing the volunteer program, advertising and creating educational outreach materials, school and bus tours, special events, coordination of the SD Junior Duck Stamp Program, Generations Endowment Fund, financial assistance with grounds maintenance and improvement, grant writing, advocacy, and fellow Friends Group support for Refuges and Hatcheries nationwide.

**Capital Campaign** - The Booth Society made the final payment on their land acquisition project in September 2020. The 64 acre parcel adjacent the D.C. Booth Fish Hatchery was purchased on July 31, 2019 for \$642,500- great work by a hardworking and passionate friends group. The primary purpose for conserving this property is to protect the hatchery ground water supply. In addition to protecting the watershed, it will preserve wildlife habitat, prevent developments/houses from overlooking the historic property, and expand existing interpretation and youth education opportunities.

**Supporting other Friends Groups** - Karen Holzer, Booth Society executive director, is on the FWS planning committee for a friends group training that was to take place May 28-31 at the Balcones Canyonlands NWR in Texas. Due to COVID the in-person training was been rescheduled to 2021. However, the committee was dedicated to still sharing tips and resources with fellow FWS friends groups and hosted a series of webinars titled "Wild West Friends Webinars," that were well-attended and informative.

### Booth Society Mission Statement

Promoting, preserving and enhancing the educational, cultural and recreational opportunities at D.C. Booth Historic National Fish Hatchery & the National Fish and Aquatic Conservation Archives, in cooperation with the U.S. Fish & Wildlife Service, for the benefit and enjoyment of the public.



The Booth Society worked with a local photographer to put together a book about birds found at D.C. Booth. All photos were taken on the hatchery grounds.

The Booth Society gave a copy of the book to every kindergarten and pre-K student in the Spearfish public school system!

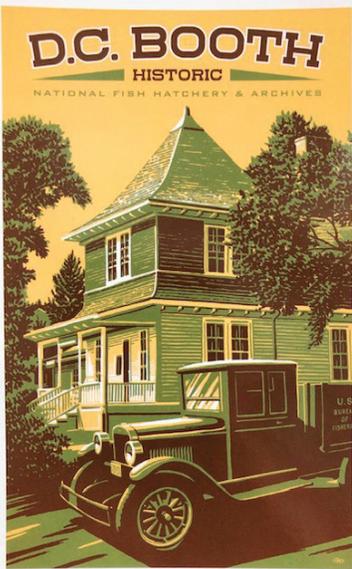
## The Booth Society, Inc.

### Visitor Services support at D.C. Booth

**Gift Shop** - The Booth Society was able to open their gift shop during the summer with limited hours following CDC guidelines. They required patrons to sanitize their hands before entrance, to not handle merchandise unless they intended to buy it, recommended masks and limited the number of people in the store at one time. Fish food was sold through the gift shop window so that visitors

who were not interested in purchasing merchandise did not have to go into the store. Additionally, the gift shop manager, Nancy Cole, set-up an online gift shop and has been shipping items to customers via mail.

**By the Numbers:**  
**Booth Society supported Visitor Services**  
**in 2020: 180,000 visitors**



**125th celebration** - The D.C. Booth Historic National Fish Hatchery is turning 125 years old in 2021! It is one of the oldest fish hatcheries in the country. Unfortunately, the pandemic situation has altered the original agenda and events planned to celebrate the anniversary. Hatchery staff intends to compensate by hosting virtual events, and producing articles and other outreach. The gift shop has produced some custom items to highlight the anniversary and honor the hatchery's history such as the postcard (*at left*) and coin (*at right*).



125<sup>th</sup> Anniversary  
CELEBRATION



## City of Spearfish

### Visitor Services Support at D.C. Booth

The Spearfish hatchery has always been a popular tourist attraction while providing a significant positive economic impact to the region. The City of Spearfish and area residents are committed to ensuring the facility maintains visitor services. As a result, City Council created the Hatchery Advisory Board to assist with funding and historical, cultural and educational development. The board evolved and eventually morphed into the Booth Society, Inc., which was incorporated on April 11, 1989. Subsequently, the public voted to approve a Hospitality Tax with the intent of providing perpetual funding for three primary Spearfish attractions including the D.C. Booth Historic National Fish Hatchery. Today, Hospitality tax remains a vital source of funding and the City's Parks, Recreation and Forestry Division continues to provide critical in-kind support.



## working with partners

### Booth Society, Inc. Hosts First Annual Hatchery Photo Contest

The Booth Society announced winners to the hatchery photo contest. 140 entries were received from over 40 photographers. Photos appear listed below appear left to right in their respective row.

#### SCENIC & LANDSCAPES THEME

- Professional Category: John Mitchell, Spearfish, SD
- Amateur Category: Laurie Fish, Spearfish, SD
- Youth Category: Victoria Zambrano (age 17), Sioux Falls, SD

#### WILDLIFE & NATURE THEME

- Professional Category: Vicki Strickland, Lead, SD
- Amateur Category: Zoe McGough, Las Vegas, NV
- Youth Category: Jordyn Simmering (Age 17), Box Elder, SD

#### PEOPLE AT THE HATCHERY THEME

- Professional Category: Sadie Mullen, Sturgis, SD
- Amateur Category: Stacy Simmering, Box Elder, SD
- Youth Category: Laurie Vifquain (age 13), Spearfish, SD

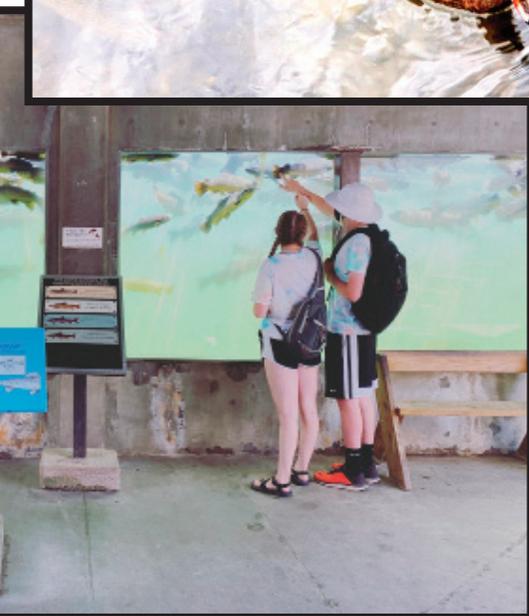
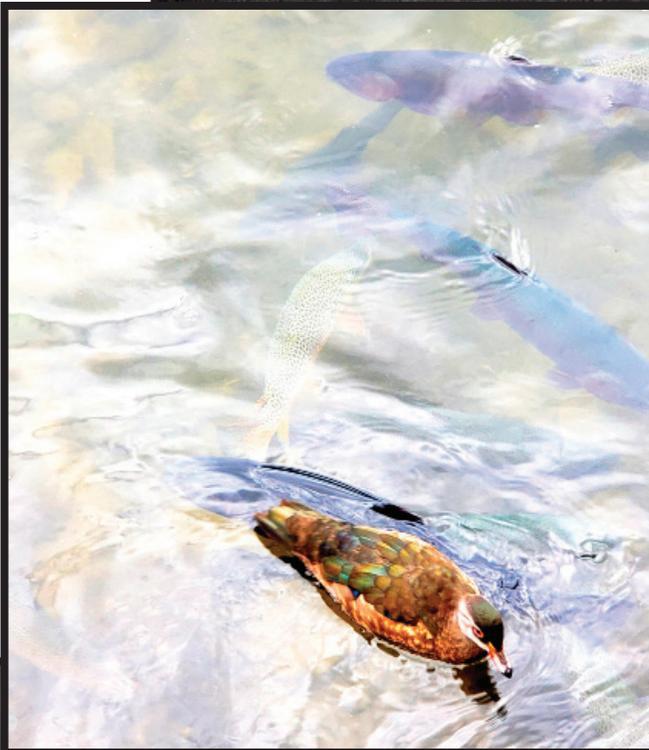
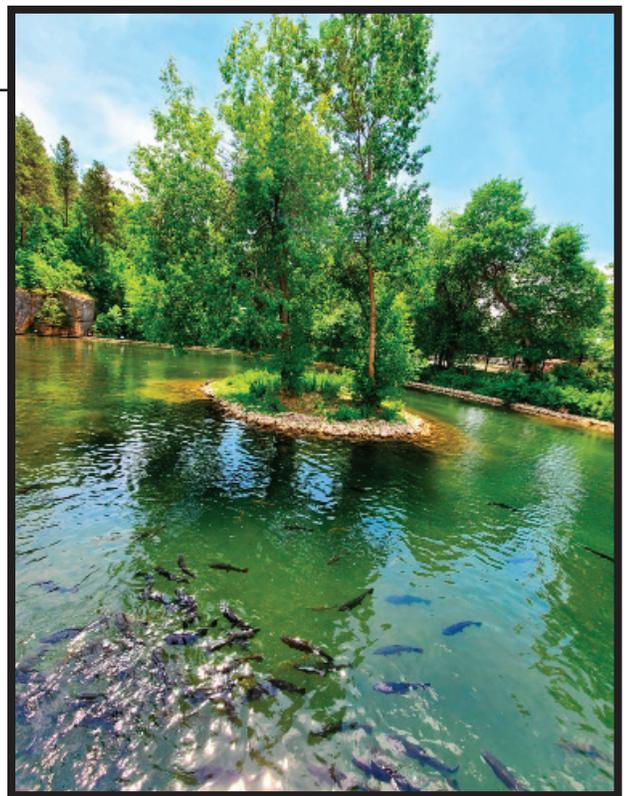


Top Row: Scenic & Landscapes

Middle Row: Wildlife & Nature

Bottom Row: People at the Hatchery





## working with communities

The Spearfish community loves the D.C. Booth hatchery. In addition to spending time at the hatchery with friends and family, they contribute to it in many ways. The following are examples of some of the events (not all!) that were put on to support the hatchery.

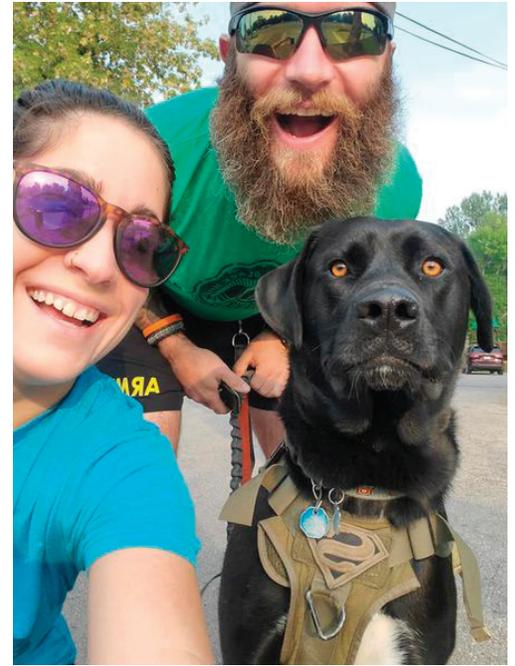
### 7th Annual Black Hills Beer Run



2019 marked the seventh year that community members organized the Black Hills Beer Run. This year the event was held virtually - participants signed up online and ran a 5K route of their choice on the weekend of September 19 and 20.

Pictured above is a family that participated in the Virtual Beer Run and shared this photo on social media. They are posing at the hatchery entrance with a sign that reads, "We Love Our Hatchery."

Runners (right) with their dog shared this photo of their 5K on social media.



### Center of the Nation Brass

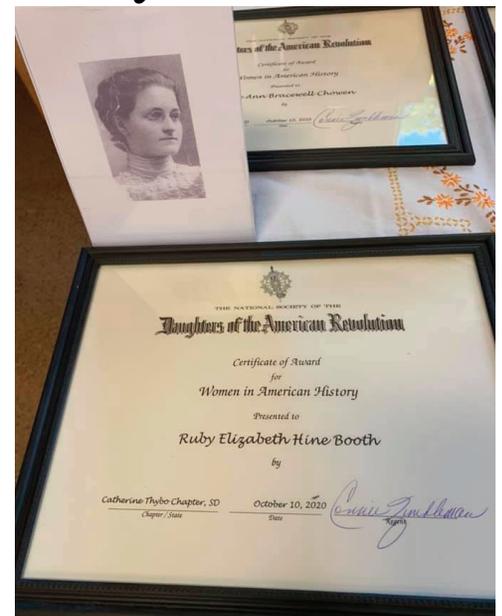


The "Center of Nation Brass" played several free hour long concerts on the hatchery grounds over the summer, and also on a weekend in December for the holidays.

Patrons practiced social distancing while enjoying the music as it floated over the grounds.



### DAR Honors Ruby Hines Booth



Ruby Hine Booth, D.C. Booth's wife, was honored as 'Women in American History' by the Catherine Thybo Chapter of the Daughters of the American Revolution (DAR). Jo Kallemeyn, an archives volunteer, nominated Mrs. Booth.

## Country Magazine article



Delila Lumbardy's essay, a memoir of time spent with her Grandpa Harvey, was published in "Country Magazine," a national publication. The essay was inspired by the Generations sculpture located at the D.C. Booth Fish Hatchery & Archives.

## Vast Broadband Donates to D.C Booth Hatchery

SH — Vast Broadband  
\$1,526 to the D.C.  
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h this past summer  
d the 50/50 drawing.  
now what 2020 has  
despite that, people  
o have fun, drink a  
listen to some great  
addition, they dug into  
ets to help raise money  
r fish landmark." Chris



Nancy Cole, assistant director of the Booth Society, accepts a check from Vast Broadband in the amount of \$1,526. Vast Broadband raised the funds through 50/50 drawings at Downtown Fridays Nights concerts in downtown Spearfish this summer. The local newspaper did an article about the donation.



## A beer for the hatchery, Rainbow Trois



The three microbreweries in Spearfish got together and crafted a collaboration hazy IPA to help support the D.C. Booth Historic National Fish Hatchery & Archives. Proceeds from sales of Rainbow Trois will benefit the Booth Society.

The name and design were inspired from the Booth Society's logo and the iconic Generations statue located on the station. The tasty brew is available in 6-packs.

The intent was to sell Rainbow Trois at the Canyon Acoustic Series event, which are six live outdoor concerts that raise money for the hatchery. Due to the pandemic the concert series was canceled, but the beer was available to buy in stores around town.



## Hot Rods for Hatcheries



The Hot Rods for Hatchery fundraiser adjusted to COVID by doing a cruise through Spearfish Canyon instead of a car show. They raised over \$600 for the hatchery.

# ***Our people*** *in the field and behind the scenes make conservation possible.*

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## **Project Leader Supervisory Fishery Biologist**

Carlos R. Martinez serves as the Director of the D.C. Booth Historic National Fish Hatchery and Archives. He has overseen all aspects of the facility's programs and partnerships for the last eleven years. He has numerous auxiliary duties, most notably serving as Coordinator of the U.S. Fish and Wildlife Service's National Broodstock Program and serving as a scuba diver on the agency's Region 6 Dive Team.



## **Curator, National Fish and Aquatic Conservation Archives**

April Gregory is the Curator of the National Fish and Aquatic Conservation Archives. She oversees and manages all aspects of the archival and museum collections. She is also in charge of interpretive signs and educational displays, design and outreach materials for the facility and plays an important role in managing the care of the cultural resources on the historic site. April also serves on the U.S. Fish and Wildlife's Heritage Committee.



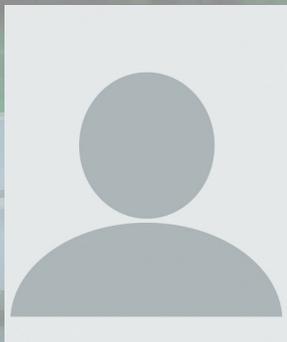
## **Facility Operations Specialist**

Mitch Adams is responsible for facility operations and maintenance of the D.C. Booth Hatchery and Archives while following Department of Interior's Standards for the Treatment of Historic Properties. He is also the station's Collateral Duty Safety Officer and plays an important role with trout production, visitor services, public outreach, youth education programs and represents Fisheries on the Service's Wage Grade Council.



## **Fishery Biologist**

*Vacant*

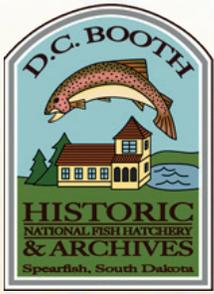


## **Archivist**

*Vacant*







U.S. Fish and Wildlife Service  
D.C. Booth Historic National Fish Hatchery &  
National Fish & Aquatic Conservation Archives  
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