WCCD Newsletter October - December 2022

Events: 2023 CWS Wed. 3/15/23

Keystone College

CONSERVATION COMMENTS

WYOMING COUNTY CONSERVATION DISTRICT 6052 SR 6 TUNKHANNOCK, PA 18657 PHONE: 570-836-2589 FAX: 570-836-6063 EMAIL: INFO@WCCDPA.ORG



DISTRICT STAFF

DOUG DEUTSCH - DISTRICT MANAGER KATIE MCCLAIN - ADMIN. ASSISTANT BERNIE SCALZO - WATERSHED SPECIALIST DAVE TAYLOR - RESOURCE CONSERVATION SPECIALIST LAURA ANDERSON - ENVIRONMENTAL EDUCATION COORD. CHRIS FAUX - AG. CONSERVATION PROG. COORD.

NRCS STAFF

DAVID MCCOY - DISTRICT CONSERVATIONIST

BOARD OF DIRECTORS

DORNE WHITE - CHAIRMAN NEIL TAGUE - VICE CHAIRMAN BUTCH SANDS - SECRETARY/ TREASURER COMMISSIONER TOM HENRY BOB ROBINSON WALT DANA KEN HARVEY

ASSOCIATE DIRECTORS

JILL TAGUE

MEETING THE SECOND MONDAY OF EACH MONTH, 9:30AM, DISTRICT OFFICE.

Frances Slocum Park Photo: Katie McClain

LOCAL RESOURCES:

BUREAU OF FORESTRY: 570-945-7133 DEP: 570-826-2511 GAME COMMISSION: 570-675-1143 PA FISH & BOAT COMMISSION: 570-477-5717

2022 Banquet

The District held their 73nd Annual Awards Banquet on November 10, 2022. The event took place at Stonehedge Golf Course. We started the evening with the Welcoming comments followed by the invocation.

The 3D people in attendance were able to enjoy a buffet style dinner followed by a sweet treat. We were delighted to have Rick Koval, WNEP TV Personality on "Pennsylvaina Outdoor Life" speak at our event. Rick went on to present "Camouflage & Mimicry: What You See Isn't Always What You See!". The program was amazing, especially because it was very interactive with the audience. We can't wait to work with Rick Koval again.

The staff also presented a "What We've Been Up To" segment to highlight what new things the District had been working on. Also, in this presentation, the District also shared the ongoing progress of our new home we have since moved into. The evening wrapped up after this. The attendees were able to take a small gift of a hand painted leaf to hang & small bag with a homemade beeswax raccoon candle.

Another year under our belt & special thanks to the District staff for all their help with preparation.



Welcome to the New Home of the Conservation District!!!!













































Thanks for coming with me on the tour & be sure to stop in at the new location.

6052 SR 6 Tunkhannock, PA 18657



Fish Detectives on the Case From Susquehanna River Basin Commission

In the same way police use DNA to identify individuals in a crime, our scientists are using eDNA (environmental DNA) to track invasive fish species in the Susquehanna River Basin that may be harmful to native wildlife. Geneticists can now tell you what types of fish are in a body of water by analyzing a simple water sample.

Why investigate invasive fish species? They often have no native predators, which gives them the potential to cause food chain disruptions, introduce new diseases and/or overtake native species. Round goby, northern snakeheads and blue catfish are of particular concern in our basin. SRBC scientists Luanne Steffy and Aaron Henning are leading the way in the Susquehanna Basin using this cutting-edge monitoring technology to track their spread.

If it sounds interesting, it's because it is! And now you can learn more about our eDNA work through a recently published interactive story map that includes a monitoring site dashboard. The dashboard features water temperature, pH, turbidity and whether or not an invasive species is present among other factors for each monitoring site. The story map highlights case studies and explains the methods we use to collect eDNA with photos, videos, maps and more.

Lower Susquehanna Subbasin

In 2019, SRBC staff began annual eDNA sampling for northern snakehead and blue catfish in the lower Susquehanna River and its tributaries. These two invasive fish species are well established in the Chesapeake Bay so SRBC biologists knew an invasion into the lower Susquehanna River was likely. Blue catfish are more of a big river fish, so their DNA is more prevalent in mainstern Susquehanna River samples and at the mouths of tributaries. Northern snakehead more often inhabit weedy, vegetated shoreline habitats in the river and smaller tributaries.

The initial two years of sampling locused heavily on the 10 miles of the Susquehanna River below Conowingo Dam and the two main tributaries entering the river in this reach: Octoraro Creek on the east side and Deer Creek on the west side.

In subsequent years, sampling design was shifted to include less emphasis on locations where these species were already present to upstream river reaches, above

