

NORTH AMERICAN BLACK FLY ASSOCIATION (NABFA)



20TH ANNUAL MEETING

FEBRUARY 7-9, 2024

PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION
HARRISBURG, PA

WEDNESDAY, FEBRUARY 7TH

8:30 AM – 5:00 PM Black Fly Taxonomy Workshop led by Dr. Peter Adler
(Lunch Provided)

THURSDAY, FEBRUARY 8TH

8:30 AM – 9:00 AM Introductions and welcome to Harrisburg!
Tadhgh Rainey, NABFA President

9:00 AM – 9:30 AM The University of Georgia Black Fly Research and Resource Center - Key
Collaborators
Elmer W. Gray, Skyler M. Kerr and Darold Batzer, Department of
Entomology, University of Georgia, Athens, GA

9:30 AM – 10:00 AM West Nile Virus Program
Olivia Bingeman, Pennsylvania Department of Environmental Protection,
Vector Management, Harrisburg, PA

10:00 AM – 10:30 AM **BREAK**

10:30 AM – 11:00 AM Jamestown Canyon Virus
Dave Hurley, Pennsylvania Department of Environmental Protection,
Vector Management, Harrisburg, PA

11:00 AM – 11:30 AM Update of new PV-40X drone for black fly control
Christopher Bramley and Nathaniel Crose, Clark County Department of
Public Works, NV

11:30 AM – 12:00 PM Strange flies downunder: reflections on the Gondwanan black flies of
Australia
Doug Currie, University of Toronto, and Royal Ontario Museum

12:00 PM – 1:00 PM **LUNCH (PROVIDED) AND GROUP PICTURE**

1:00 PM – 1:30 PM History of Adirondack black fly control
Andrea Malik, Town of Colton, NY

THURSDAY, FEBRUARY 8TH (CONTINUED)

- 1:30 PM – 2:00 PM Distribution and Life History of *Ectemnia invenusta* (Walker) in Pennsylvania
Dave Rebuck, Harrisburg, PA
- 2:00 PM – 2:30 PM Black Fly Repellent Testing at the Black Fly Research and Resource Center
Skyler M. Kerr, Elmer W. Gray and Darold Batzer, UGA Black Fly Research and Resource Center, University of Georgia, Athens, GA
- 2:30 PM – 3:00 PM Tick Surveillance and Testing Program
Jenna Tasker, Pennsylvania Department of Environmental Protection, Vector Management, Harrisburg, PA
- 3:00 PM – 3:30 PM **BREAK**
- 3:30 PM – 4:00 PM The Ecology and Behaviour of *Coquillettidia perturbans* (Family: Culicidae)
Nicholas Benton and F. Hunter, Brock University, St. Catharines, Ontario
- 4:00 PM – 4:30 PM Black Fly Program
Steve Means, Pennsylvania Department of Environmental Protection, Vector Management, Harrisburg, PA
- 4:30 PM Remembering Gerald Shields
Peter Adler
- 6:00 PM **DINNER (PROVIDED)**

FRIDAY, FEBRUARY 9TH

- 8:30 AM – 9:00 AM The Role of Blackfly Testing in Monitoring Onchocerciasis
Moukaram (Mick) Tertuliano, PhD¹, Contributors: Jessica Prince Guerra, PhD¹; Elmer Gray PhD², William Evan Secor, PhD¹, ¹Laboratory Sciences and Diagnostics Branch, Division of Parasitic Diseases and Malaria, National Center for Emerging and Zoonotic Infectious Diseases, Centers for Disease Control and Prevention, Atlanta, GA, ²Department of Entomology, University of Georgia, Athens, GA
- 9:00 AM – 9:15 AM MMCD black fly program update
Carey LaMere, Metropolitan Mosquito Control District (MMCD), St. Paul, MN
- 9:15 AM – 9:30 AM Hunterdon County, New Jersey update
Tadhgh Rainey, Hunterdon County Mosquito & Vector Control

FRIDAY, FEBRUARY 9TH (CONTINUED)

9:30 AM – 10:00 AM	IDX – An AI based Imaging and Identification Tool for Diverse Vector Identification Roy Faiman , Vectech
10:00 AM – 10:30 AM	BREAK
10:30 AM – 11:00 AM	Black Fly Control in the Southeast Elmer Gray
11:00 AM – 11:30 AM	BUSINESS MEETING - 2025 MEETING PLANS
11:30 AM – 12:30 PM	LUNCH (PROVIDED)

Meeting dedicated to black fly researcher and longtime NABFA participant, Dr. Gerald Shields

A special thanks to Valent BioSciences for their generous support of the meeting.

North American Black Fly Association would like to recognize and thank the Pennsylvania Department of Environmental Protection for providing the host amenities this year.

PRESIDENT: Tadhgh Rainey

HOST SITE COORDINATOR: Doug Orr

PLANNING COMMITTEE: Tadhgh Rainey, Doug Orr, Carey LaMere, and Elmer Gray

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