

SALT LAKE CITY MOSQUITO ABATEMENT DISTRICT

Executive Director's Report

March 2026

1. Personnel:

Personnel	
Staff	Seasonal
11	10

Type of Work	2026	3 - Year Average
Adulticiding	0.00	0.00
Wetlands / Rural	39.50	25.58
Fish Culture	161.50	35.92
Catch Basins / Gutters	0.00	0.00
Tree Holes	0.00	0.00
Prison	0.00	25.83
Service Request	8.50	0.00
Traps	38.00	27.75
Aerial Operations	65.00	0.00
Laboratory	220.25	215.50
Office / Administration	649.75	795.42
Equipment Maintenance	355.00	312.33
Facility Maintenance	277.00	166.58
Training	153.00	255.92
Education	120.50	52.83
Unmanned Aerial System	54.00	4.00
CSU Grant	4.75	34.42
Other / Errands	75.50	55.25
Comp. Time Used	79.50	104.75
Vacation	90.50	91.17
Additional Hours	24.00	8.00
Holidays	0.00	0.00
Sick Leave	49.50	29.50
Total	2,465.75	2,240.75

2. Office/Lab/Shop Activities:

Ary Faraji, Executive Director

- Executive Director Faraji remotely attended the PhD defense of Melissa Clawson at Texas Tech University on 9 March 2026.
- Executive Director Faraji attended the annual CDC Vector Week workshop on 10-12 March 2026 in Fort Collins, Colorado.
- Executive Director Faraji and staff attended the annual South Shore Wetland Management group meetings on 14 March 2026. The District hosted this event on the weekend.
- Executive Director Faraji and staff attended a virtual meeting with Dr. John Cavitt from Weber State University in regards to a swallow/mosquito project.
- Executive Director Faraji attended a virtual meeting with Dr. Tim Burton, Program Manager at the Rockies and High Plains Vector Borne Disease Center on 17 March 2026.
- Dr. Sam Rund from Notre Dame University and Dr. Sarah Kelley from Imperial College stayed in the dormitories on 18-23 March 2026.
- Executive Director Faraji, Trustee Turner, and Trustee Vickers attended the quarterly Davis-Salt Lake Aerial Spray Authority meetings on 19 March 2026 held at the District.
- Executive Director Faraji, Laboratory Director Bibbs, Molecular Biologist Byers, and Education Specialist Rehbein attended the annual American Mosquito Control Association meetings in Portland, Oregon on 23-27 March 2026.
- Executive Director Faraji and Education Specialist Rehbein conducted a media interview over the phone with Axios on 24 March 2027.
- Executive Director Faraji conducted a media interview for Wasatch Magazine on 31 March 2026.

Aleta Fairbanks, CFO

- 24 March 2026 – Attended URS PEHP Annual Employer Event.

Chris Bibbs, Laboratory Director

Mar 2	Compiling and submitting documents for USU adjunct application; Data analysis for phytophagous larval diet project (w/ Willenberg Lab)
Mar 3-6	AMCD Workshop, St. Augustine, FL
Mar 9	VectorSurv data compilation for SLCC project collaboration (Emily Oar); AMCD workshop debrief; Processed food study data collection; vegan mosquito diet data collection; SRI-CAP meeting at U of U
Mar 10	<i>Toxorhynchites</i> colony deep clean maintenance; JAMCA article review; processed food data analysis and review
Mar 11	Assisting Ada County MCD with surveillance equipment and protocols; AMCARF updates w/ Norah Saarman; meeting w/ Paula Lado
Mar 12	Data review, NDA/confidentiality paperwork, and manuscript planning w/ Brad Willenberg on vegan mosquito diet work; Reviewing seasonal applicant materials
Mar 13	Meeting w/ Norah Saarman on Lsph projects; USU adjunct status acceptance; product testing call with Central Life Sciences R&D
Mar 16	Meeting w/ John Cavitt on Cliff Swallows grant proposal; drafting bird sampling protocols
Mar 17	Pulling VectorSurv data; drafting AMCA presentations

Mar 18	John Cavitt PacVec proposal review; redrafting seasonal interview questions; Ella Branham M.Sc. defense presentation; Sam Rund arrival
Mar 19	Sam Rund and UK Public Health team visit/tour/meeting; finishing AMCA talks
Mar 20	Tech support with AMCA; Conference harvester profiles and uploads for annual meeting
Mar 21-27	AMCA: Portland
Mar 30	Start of seasonal surveillance; AMCA debrief; Dragonfly manuscript edits and submission to JME
Mar 31	Scheduling interviews; compiling data for vegan mosquito diet work

Michele Rehbein, Education Specialist

- Dr. Rehbein worked on Skype A Scientist mini grant on 3 March.
- Dr. Rehbein worked on and submitted a Skype A Scientist IRL mini grant proposal for an outreach idea for the west side communities on 17 March.
- Dr. Rehbein was interviewed by Tyrese Boone from KSL TV on 18 March to talk about the warmer temperatures and increase in mosquitoes.
- Dr. Rehbein took Natalee Boone to urgent care for a cut on her finger on 23 March.
- Dr. Rehbein and Dr. Faraji conducted a phone interview with a reporter, Kim Bojorquez, from Axios on 24 March.
- Dr. Rehbein gave a tour to Garrett Reid and Tyson Davis from Double Diamond Hill Ranch to discuss invasive phragmites/cattle grazing and potential ways for mosquito reduction through that on 2 March.
- Dr. Rehbein attended a ULGT Legal Brief Series on Slips, Trips, and Falls on 3 March.
- Dr. Rehbein met with Dr. Tim Burton to discuss RaHP VEC social media on 4 March.
- Dr. Rehbein conducted three presentations for youth at the Decker Lake Youth Center for STEMCAP on 5 March.
- Dr. Rehbein met with Jaime Tandiman, Elections Coordinator from the Salt Lake County Clerk, to see the facility for a potential voting location on 6 March.
- Dr. Rehbein conducted an afterschool education program at the Hartland Partnership Center on 6 March.
- Dr. Rehbein attended the UMAA Board of Director's meeting on 11 March.
- Dr. Rehbein attended a City Nature Challenge planning meeting on 11 March.
- Dr. Rehbein attended an AMCA PR committee meeting on 16 March.
- Dr. Rehbein met with EnSoc PACT mentorship program mentee, Matthew Brown, on 18 March.
- Dr. Rehbein met with Caroline Johnston (JRC), Alison Carter (SLC Public Lands), Sarah Jensen (SL Public Library) and Fig Merrell (Day-Riverside Library) to discuss bioblitz planning for April, on 18 March.
- Dr. Rehbein attended the AMCA annual meeting and presented three talks and a roundtable session (Young Professional, Education and Outreach, and Social Media symposia) from 23-27 March.
- Dr. Rehbein met with Brad Sorensen and Rick Sorensen to discuss the upcoming Rose Park Community Council meeting, on 30 March.

Nate Byers, Molecular Biologist

Restarted weekly CO₂ deliveries
Had biosafety cabinet and chemical fume hoods calibrated and certified
Downloaded BG counter data before our subscription expired
Completed and sent junk food experimental data to Gunter Muller
Created two new CO₂ trap sites to improve surveillance coverage – Beck Street and East of Airport (FS 11)
Began 2026 mosquito trapping with 22 CO₂ traps collected weekly

Presented at AMCA on SLCMAD MadHacks and taught young professionals to use SLC traps

Brad Sorensen, Aerial Operations Supervisor

Finished seasonal interviews and selected candidates
Brought on Reed Miles (returning seasonal) Tuesdays and Thursdays to help with pre-season prep
Aircraft familiarization flights in helicopter testing systems
Picked up Isolair spray tanks from painters
Flow checking drones
Continued attending construction meetings and coordination with construction team
3/3 – OAC Meeting
3/3 – Seasonal pilot interviews – Terry Sachs
3/6 – Seasonal pilot interviews – Jed Hughes
3/10 – MEP Construction meeting
3/11 – OAC meeting
3/11 – Seasonal pilot interviews – Tucker Visser
3/14 – South Shore User Group Meeting
3/16 – Picked up helicopter spray tanks from Todd Kerby
3/17 – Meeting with Rob C about LBV specs
3/17 – Received Autoclave shipment with Andrew and Nate
3/17 – Helped fix water pressure issues from const tie in
3/18 – OAC meeting
3/19 – Brighton and Northpoint Canal Meeting
3/25 – OAC meeting

Jason Hardman, Rural Field Supervisor

Winter clean up, equipment maintenance, and seasonal employee training
Field work
South shore meeting

Quentin Salt, Urban Field Supervisor

Get all bicycles repaired and outfitted for season ¾
Start up outdoor fish tank 3/18
Set up pioneer SXS for industrial use 3/30

3. Field Data:**Control:**

ACRES TREATED

	Adulticide		Larvicide		Total
	Ground	Aerial	Ground	Aerial	
March's Total	0.00	0.00	54.39	0.00	54.39
March's 3 Year Avg.	0.00	0.00	0.00	0.00	0.00

Service Requests:

MOSQUITO SERVICE OPPORTUNITIES RECEIVED BY MONTH

	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Total
2026	5									
3-Year Avg.	3.67	14.00	35.00	42.67	34.00	19.00	13.33	3.33	13.33	165.67

Inspection and Surveillance:

Larval Collections		
Species	March	5-Year Average
<i>Ae. campestris</i>	0	0.0
<i>Ae. dorsalis</i>	3	1.2
<i>Ae. fitchii</i>	0	0.0
<i>Ae. increpitus</i>	0	0.0
<i>Ae. nigromaculis</i>	0	0.0
<i>Ae. niphadopsis</i>	0	0.0
<i>Ae. sierrensis</i>	0	0.0
<i>Ae. melanimon</i>	0	0.0
<i>Ae. varipalpus</i>	0	0.0
<i>Ae. vexans</i>	0	0.0
<i>Cx. erythrothorax</i>	0	0.0
<i>Cx. pipiens</i>	1	0.0
<i>Cx. tarsalis</i>	11	0.2
<i>Cx. salinarius</i>	0	0.0
<i>Cx. impatiens</i>	0	0.0
<i>Cs. incidens</i>	1	0.0
<i>Cs. inornata</i>	6	0.2
<i>An. freeborni</i>	0	0.2

Total	22	1.8
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4. Weather:

March's weather was warmer (by 7.6°) and drier (by 0.68") than normal.

Temperature:

	Monthly Avg.	Normal	High	Low
February	43.0°	36.6°	64°	20 °
March	53.4°	45.8°	84°	27 °

<https://www.weather.gov/wrh/Climate?wfo=slc>

Precipitation:

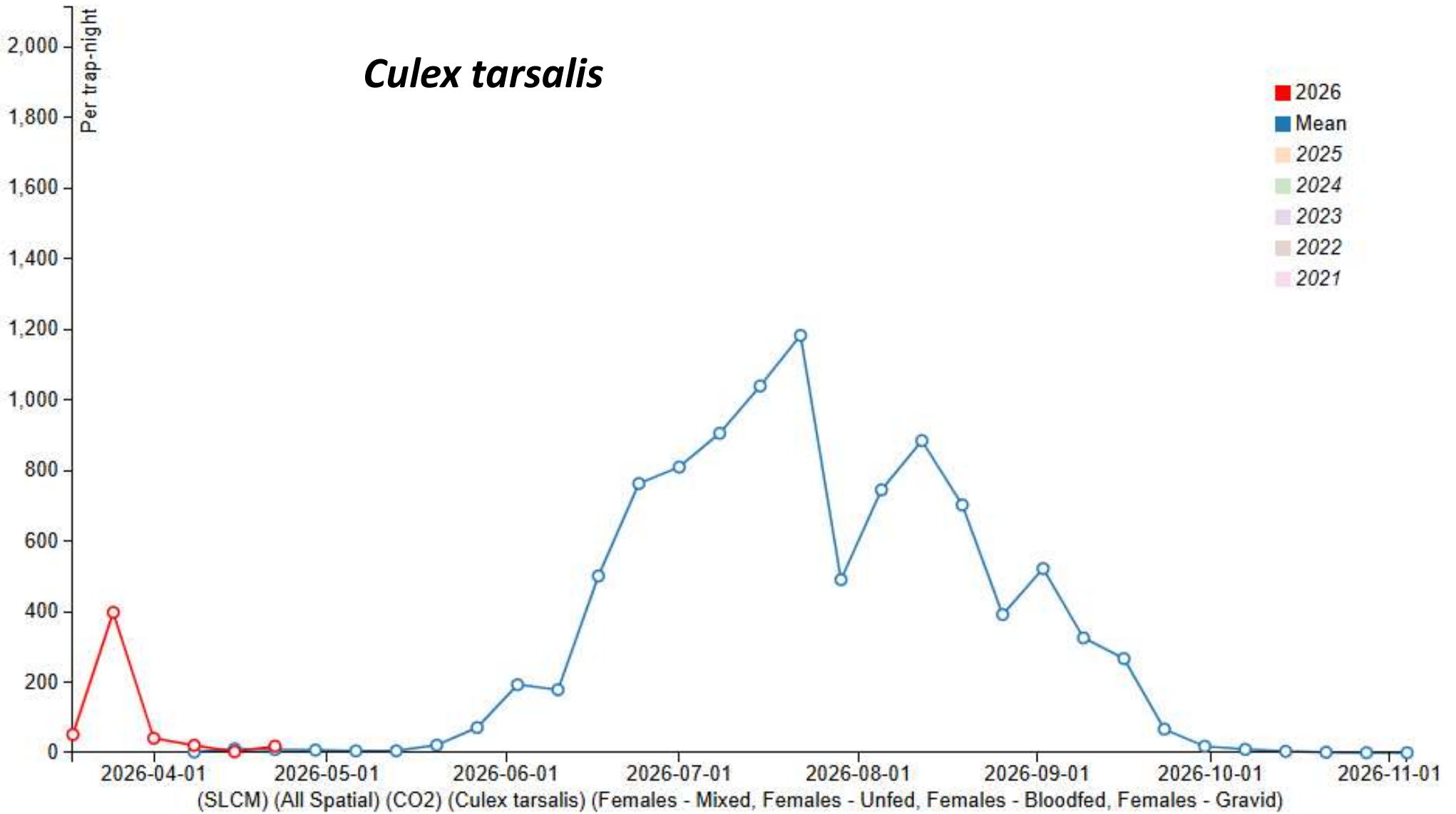
	Total for Month	Normal	Most in 24 hours	
February	0.97"	1.30"	0.33" on	24 th
March	1.07"	1.75"	0.70" on	2 nd

<https://www.weather.gov/wrh/Climate?wfo=slc>

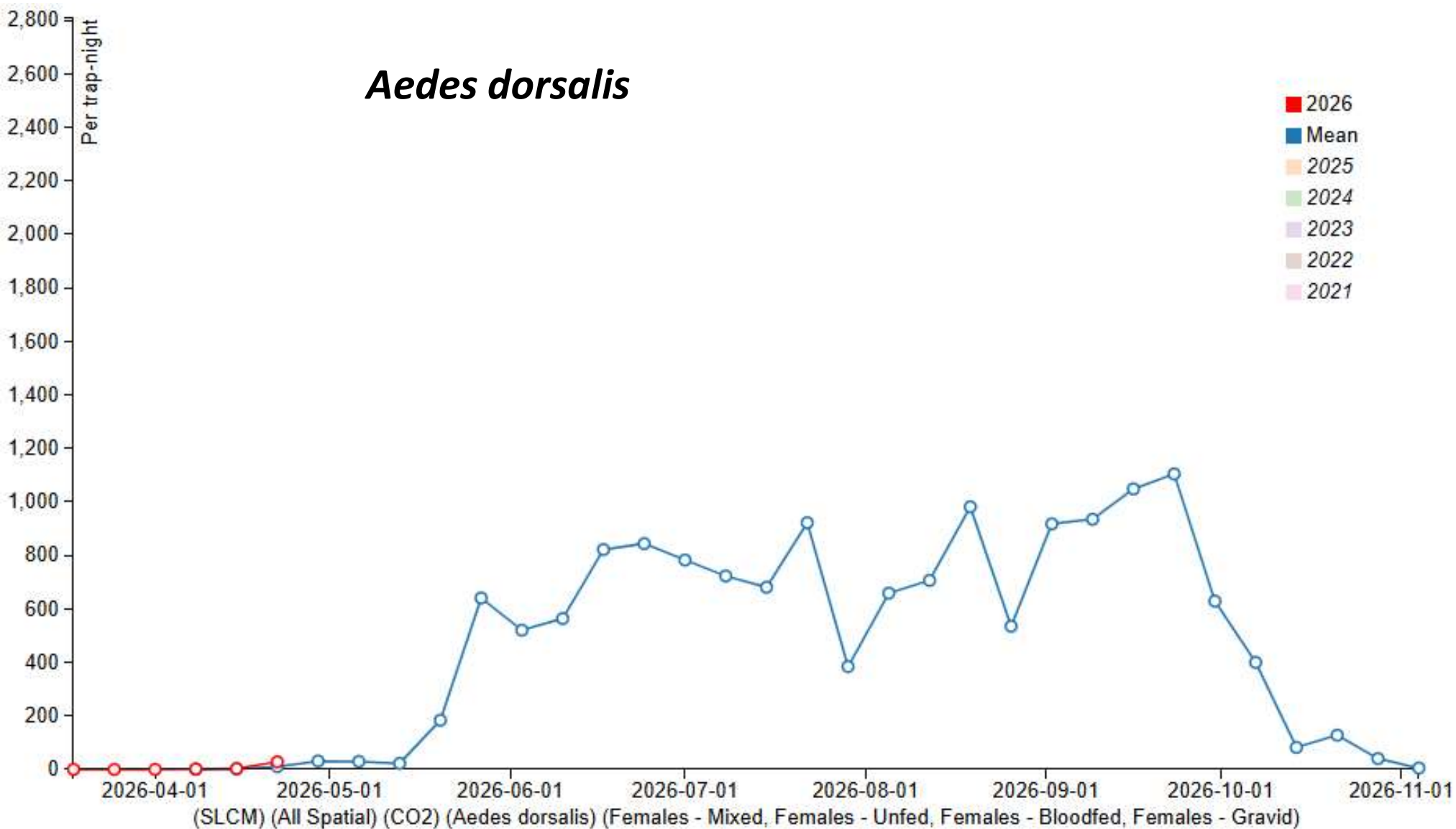
Great Salt Lake (elevation in feet above sea level):

	Feb 1	Mar 1	Apr 1
2025	4,192.6	4,193.1	4,193.4
2026	4,191.8	4,192.0	4,192.3

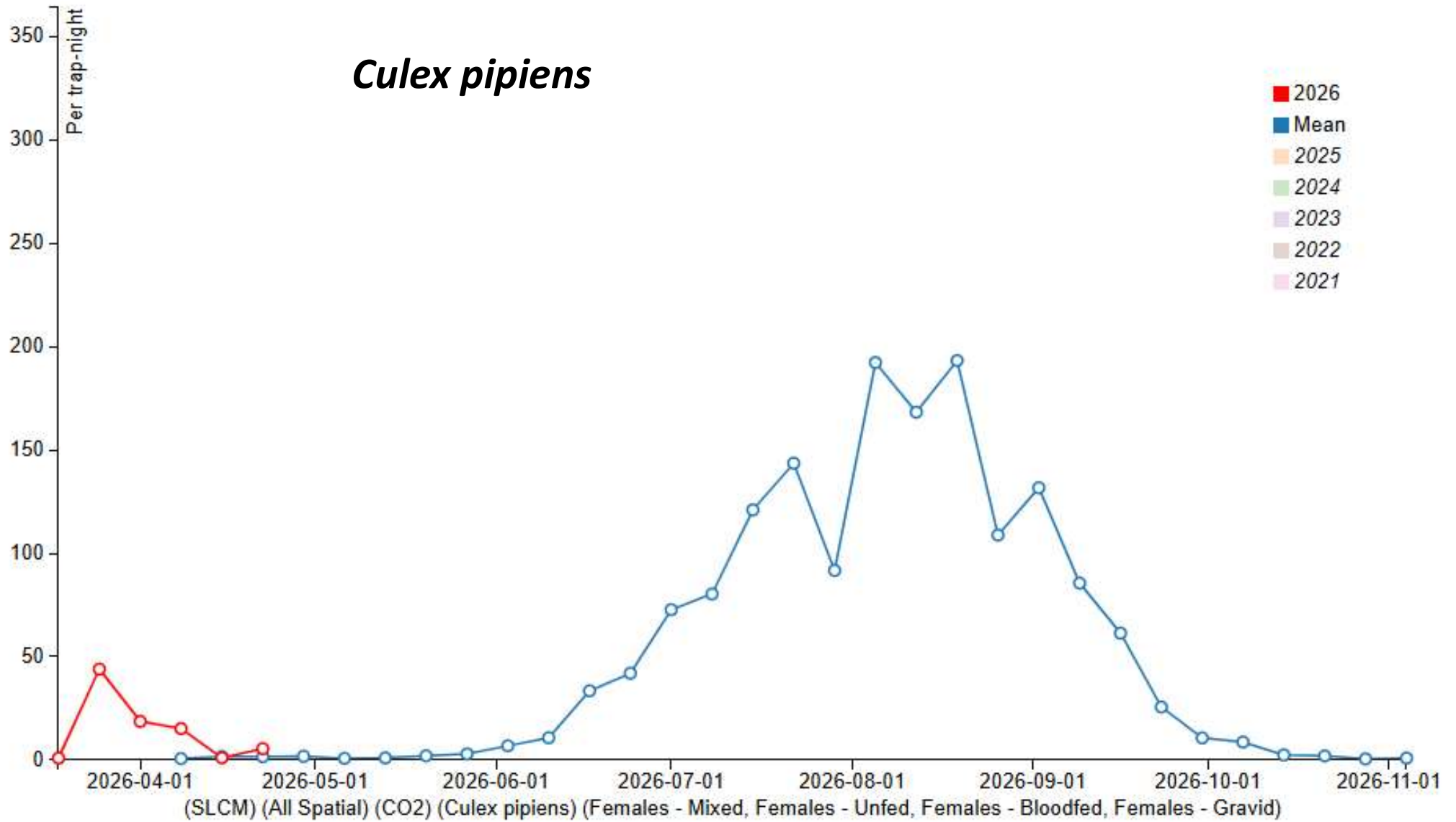
Culex tarsalis



Aedes dorsalis



Culex pipiens



Subject: Fw: RE: Re[2]: Invitation to Deliver Plenary Lecture at AMV-2026 in Thailand
From: "Ary Faraji" <ary@slcmad.org>
Sent: 4/27/2026 12:01:43 PM
To: "Ary Faraji" <ary@slcmad.org>

----- Forwarded Message -----

From "Alongkot, Ponlawat Dr (Boi) FSN WRAIR-AFRIMS (TH)" <AlongkotP.fsn@afirms.org>
To "Ary Faraji" <ary@slcmad.org>
Cc "academic.amv2026@gmail.com" <academic.amv2026@gmail.com>; "faasthc" <faasthc@ku.ac.th>
Date 6/7/2025 6:47:22 PM
Subject RE: Re[2]: Invitation to Deliver Plenary Lecture at AMV-2026 in Thailand

Dear Ary,

Thank you so much for confirming your participation as a plenary speaker at AMV-2026. We're delighted to have you on board. You're right—we are getting a very early start with invitations this time. Fortunately, most of the symposiums and speaker lineups have already been confirmed and organized, so the program is really taking shape nicely. Your preliminary title, *"Innovative Advances for Mosquito Surveillance and Control Surrounding the Great Salt Lake in Utah, USA,"* sounds excellent and perfectly aligns with the theme of the conference. Your talk will highlight the forefront of innovation in mosquito control and is sure to engage both regional and international audiences.

To give you a bit more context, the conference will feature **two plenary talks**:

- One focusing on **vector control policy**, to be presented by **WHO**.
- The other focusing on **innovative and operational advancements in mosquito control**, which will be your presentation.

We believe that this combination of policy-level insight and practical, cutting-edge innovation will be highly valuable for all attendees.

Thank you also for sending your headshot—received with thanks! We'll use it for conference promotion and on the AMV website. Please feel free to keep us posted if you'd like to refine your title or topic as we get closer to the event.

Looking forward to working together and seeing you in Pattaya, Thailand next year!

Warm regards,
Boi

Alongkot Ponlawat, PhD
Chair, Scientific Committee
AMV-2026 – 2nd Asia-Pacific Conference on Mosquito and Vector Control

Chief, Vector Biology and Control Section
Department of Entomology
WRAIR-AFRIMS
Bangkok, Thailand 10400

ASIA PACIFIC CONFERENCE ON MOSQUITO AND VECTOR CONTROL **AMV2026**

Innovative Collaboration in
AI and Technology to Advance Vector Control

5 - 7 August 2026

Grande Centre Point Space Pattaya City, Thailand

Register Now

The 2nd Asia-Pacific Conference on Mosquito and Vector Control (AMV)-2026

Theme: Innovative Collaboration in AI and Technology to Advance Vector Control

Date: 5-7 August 2026

Venue: Grande Centre Point Space Pattaya City, Thailand

Start Registration: 15 July 2025

THE GRANDE CENTRE POINT SPACE PATTAYA

THE GRANDE CENTRE POINT SPACE PATTAYA, THAILAND,
THE VENUE HOTEL FOR THE 2ND ASIA-PACIFIC CONFERENCE
ON MOSQUITO AND VECTOR CONTROL (AMV-2026),
IS OFFERING A SPECIAL DISCOUNT TO ALL CONFERENCE
PARTICIPANTS.

[See all Accommodations](#)

Message from AMV Chair





**Prof. Dr. Theeraphap
Chareonviriyaphap**

Kasetsart University, Thailand

We warmly welcome you to the 2nd Asia-Pacific Conference on Mosquito and Vector Control (AMV), taking place from August 5–7, 2026, organized by Kasetsart University in collaboration with partner organizations. This conference will bring together scientists, innovators, and visionaries to present and discuss novel, cutting-edge vector control tools in the era of AI and a rapidly changing world.



Plenary Lectures



Dr. Florence Fouque

**The WHO Special Programme for Research
and Training in Tropical Diseases (TDR)**



Dr. Ary Faraji

**Executive Director and Entomologist at
the Salt Lake City Mosquito Abatement
District, USA**

Keynote Lectures



Prof. Anavaj Sakuntabhai

**Professor and Head of Unit Ecology and
Emergence of Arthropod-borne
Pathogens, Institut Pasteur, CNRS –
UMR2000, INRAe USC – Tiques, Paris,
France**

**Executive Director, Institut Pasteur du
Japon, Japan**



Prof. Hyung Wook Kwon

**Professor and Director, Department of Life
Sciences & Center for Insect Vectors,
Incheon National University, Republic of
Korea**

Topics Highlighted

Title	Description
1. Advancing Insecticide Resistance Detection and Control Efficacy in the Field	Explore cutting-edge tools, protocols, and collabora frameworks designed to monitor and manage insecti resistance across diverse ecological settings.



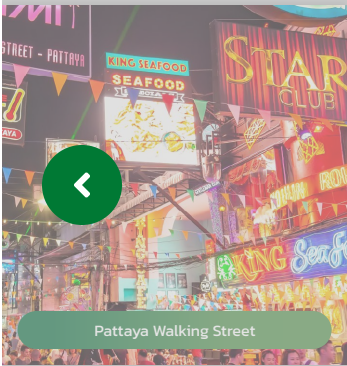


Title	Description
2. Simian Malaria: Crossing Species, Crossing Borders	Zoonotic malaria is challenging national elimination goals. This symposium brings together leading scier to address the transmission dynamics, diagnostics, & cross-border risks of simian malaria across Southeast Asia
3. AI Models in Vector Surveillance: From Prediction to Precision	Artificial intelligence is reshaping how we detect, manage and respond to vector populations. This session showcases AI applications in mosquito species identification, age grading, infection status prediction and resistance detection.
4. Spatial Emanators for Aedes Control in Asia-Pacific	Innovative spatial repellent technologies are being trialed to protect communities from Aedes-borne diseases. Discover the latest evidence and operation experiences in deploying spatial emanators across the region.
5. One Health Approach: Roles and Actions in Vector Control	Integrating human, animal, and environmental health is key to tackling vector-borne threats. This theme focuses on multi-sectoral coordination and surveillance through a One Health lens.
6. Success Stories in Community Mobilization	What happens when communities take ownership of vector control? This session features real-world examples of participatory interventions that have improved public health outcomes and sustained behavioral change.

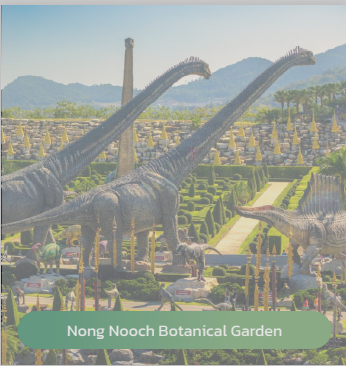
Pre-Register Available!

Register Now

Attractions



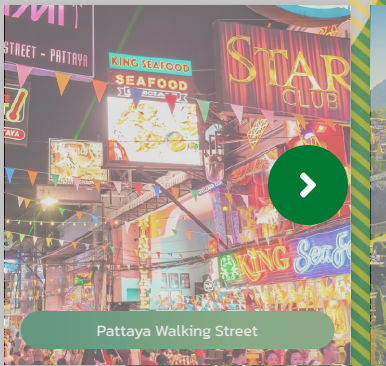
Pattaya Walking Street



Nong Nooch Botanical Garden



Pattaya Beach



Pattaya Walking Street

Confirmed Invited Speakers

► Prof. Dr. Chow-Yang Lee

Prof. Dr. Sylvie Manguin

Dr. Yunpeng Li

