



FAB Mission

To provide a forum for the exchange of information and training for aquatic biologists and scientists in related disciplines

Volume 33, Issue 1

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2025 Volume 33, Issue 1

Announcements – Part 1

Upcoming Meetings

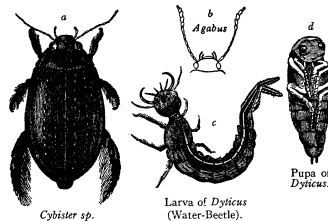
Spring Freshwater Workshop: Taxonomy and Biology of the Aquatic Beetles Dr. John Epler & Dr. Andrew Short



The 2025 Florida Association of Aquatic Biologists Spring Taxonomic Workshop will be held May 6-8 at the UF Department of Entomology and Nematology and is being led by Dr. John Epler. John is a world-renowned entomologist and works as an independent consultant. He has been working with water beetles for over 20 years and published a Florida Water Beetle identification manual.

Dr. Andrew Short is the Chair and Professor of Insect Biodiversity at the University of Florida, Entomology and Nematology Department. He recently (2023) joined the department. His focus is on the evolution and biodiversity of aquatic insects. Dr. Short received his Ph.D. in Entomology from Cornell University. He has published extensively, especially related to Hydrophiloidea and will bring his expertise to this workshop.

There will be ample time for examining specimens and verifications. Be sure to make plans now to be a part of this great workshop. Due to the size of the teaching lab where we will be meeting, **attendance is limited to thirty (30) people, so [register today via the website!](#)** Cost is \$70.00 for FAB members, \$125.00 for non-members, and \$45.00 for students.



38th Annual FAB Meeting

The 38th Annual FAB Meeting will be in early November 2025. The Orlando Science Center is one possible venue or at the lodge at Wekiwa Springs State Park.

The final decision will be posted on the [FAB website](#) soon.

Fall Marine Workshop

The 2025 Fall Marine Workshop will be held at the University of Tampa Marine Lab. The potential topic is marine amphipods. The final decision will be posted on the [FAB website](#) soon!



Conferences and Meetings of Interest

- [Society for Freshwater Science \(SFS\)](#) May 18-22, 2025. San Juan, Puerto Rico
- [Florida Academy of Sciences \(FAS\)](#) March 21, 2025. Florida Institute of Technology, Melbourne, FL
- [North American Lake Management Society \(NALMS\)](#) November 4-7, 2025. Myrtle Beach, SC
- [American Society of Limnology and Oceanography \(ASLO\)](#) March 26-31, 2025. Charlotte, NC
- [The Ecological Society of America \(ESA\)](#) August 10-15, 2025. Baltimore, MD
- [The Crustacean Society](#) July 7-10, 2025. Paris, France
- [Benthic Ecology Meeting Society \(BEMS\)](#) April 1-4, 2025. Mobile, AL
- [Dragonfly Association of America \(DSA\)](#) June 26-30, 2025 Boise, ID
- [Coastal and Estuarine Research Federation \(CERF\)](#) November 9-13, 2025. Richmond, VA

For an extensive list of related conferences, visit:

<https://conferenceindex.org/conferences/marine-science>

<https://conferenceindex.org/conferences/ecology>

Literature

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- Brodin, Y. 2025. [Procladius \(Diptera, Chironomidae\) of Europe and a global view](#). Zootaxa 5591(1): 1-127
- Cobo, M.C., W.I. Farris, C.I. Olson, E.L. McLaughlin and K.M. Kocot 2024. [Autonomous Reef Monitoring Structures \(ARMS\) as a tool to uncover neglected marine biodiversity: two new *Solenogastres* \(Mollusca, Aplacophora\) from the Gulf of Mexico](#). ZooKeys 1221: 401-434
- dos Santos, G.M., J.C.G. Ortega and L.M. Bini 2024. [The dimensionality of biodiversity of stream insects in the conterminous US: 2!](#) Hydrobiologia 851: 5195-5206
- Frolová, P., E. van der Veer, C.H.I.M. Franssen and Ď, Zdeněk 2024. [A review of *Palaemonella* \(Decapoda: Caridea: Palaemonidae\), with clarification of the taxonomic status of *Cuapetes americanus*, *Eupontonia* and *Vir*](#). Invertebrate Systematics 38(IS23055)
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- Hilliard, J., M. Hajduk, N. Méndez and A. Schulze 2024. [Capitella \(Annelida: Capitellidae\) species in the Gulf of Mexico: Delimitation, phylogeography and phylogeny](#). Zoologica Scripta 53: 461-472
- Houghton, D.C. and R.E. DeWalt 2024. [Updated checklist, habitat affinities, and changes over time of the Indiana \(USA\) caddisfly fauna \(Insecta, Trichoptera\)](#). ZooKeys 1216: 201-218
- Jacobsen, R.E. 2008. [A Key to the Pupal Exuviae of the Midges \(Diptera: Chironomidae\) of Everglades National Park, Florida](#). U.S. Geological Survey Scientific Investigations Report 2008-5082, 119p.



- Jamieson, B.G.M. and C. Fragoso 2024. [A monograph of the Oligochaete family Alluroididae](#). *Zootaxa* 5529(3): 401-435
- Kendrick, M.R. and B.W. Williams 2025. [An integrative taxonomic assessment leads to the synonymy of the Waccamaw Crayfish *Procambarus braswelli* Cooper 1998 with the Cedar Creek Crayfish *Procambarus chacei* Hobbs 1958 \(Decapoda: Cambaridae\)](#). *Zootaxa* 5575(2): 251-266
- Lopes-Lima, M., A. Lopes-Lima., L. Burlakova, et al. 2025. [Non-native freshwater molluscs: a brief global review of species, pathways, impacts and management strategies](#). *Hydrobiologia* 852: 1005-1028
- Marchán D.F., C. Csuzdi and M.L.C. Bartz 2025. [Introduction Special Issue on Oligochaeta](#). *Zootaxa* 5589(1): 006-007
- Martin, J. and J.H Epler 2024. [Clarification of the status of *Chironomus javanus* Kieffer, 1924 and *C. vitellinus* Freeman, 1961](#). *Journal of Chironomidae Research* 38: 14-20
- Martin, P., S. Fend, S. Martinsson, M. Klinth, T. Torii and C. Erséus 2024. [Towards an integrative revision of Haplotaenidae \(Annelida: Clitellata\)](#). *Zoological Journal of the Linnean Society* 202(4): 1-38
- Mattson, R.A. 2024. [Water Resource Value Monitoring for Blue Spring and Blue Spring Run, Volusia County, Florida. Final Report 2009-2020](#). St. Johns River Water Management District Technical Publication SJ2024-01
- Mattson, R.A., D.L. Hall, M.L. Szafraniec and M.Q. Guyette 2022. [Synoptic Biological Survey of 14 Spring-Run Streams in North and Central Florida. III. Macroinvertebrates of Submerged Aquatic Vegetation Communities](#). St. Johns River Water Management District Technical Publication SJ2022-04
- Medina, M., M.W. Beck, J. Hecker, et al. 2025. [Water quality trends and eutrophication indicators in a large subtropical estuary: a case study of the greater Charlotte Harbor system in Southwest Florida](#). *Estuaries and Coasts* 48(56)
- Modesto, V., M. Ilarri, P. Castro, et al. 2025. [Interspecific differences in the physiological condition of native freshwater mussels in response to the invasive Asian clam *Corbicula fluminea*](#). *Hydrobiologia* 852: 1231-1241
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- Robles, R., C. Schubart and D. Felder 2024. [Molecular phylogenetic reassessment of eastern Atlantic *Callinectes* \(Brachyura, Portunidae\)](#). *Crustaceana* 97(5-9): 865-874
- Selfati, M., I. Doukilo, A. Erbib, et al. 2025. [Reproductive biology of the invasive Blue Crab *Callinectes sapidus* \(Rathbun, 1896\) on the African Atlantic Coast](#). *Estuaries and Coasts* 48(46)
- Szlavec K, N.T. Jones, F. Noël, P. Boeraeve and P. de Smedt 2025. [Chaetophiloscia sicula Verhoeff, 1908 \(Isopoda, Oniscidea\), an invasive isopod currently spreading in North America](#). In: Tuf IH, Tajovský K. and S. Taiti (Eds). *The Biology of Terrestrial Isopods*, XII. *ZooKeys* 1225: 65-75
- McKim, S.A. and T.L Turner 2024. [The evolution of silk production in Crustacea](#). *Journal of Crustacean Biology* 44(3)
- White, K.N. 2024. [Caribbean Amphipoda \(Crustacea\) of Panama. Part III: parvorder Lysianassidira](#). *ZooKeys* 1216: 149-171 (includes those species distributed in Florida)
- Samsa, Z.J., C. Yox, A.G. Cannizzaro and D.J. Berg 2024. [Slater swap: Taxonomic analyses modify distributions of two species of *Lirceus* Rafinesque, 1820 \(Isopoda: Asellidae\) and identify a new species from central Ohio, USA](#). *Journal of Crustacean Biology* 44(4)

Announcements – Part 2

News & Books

A note from our Treasurer:



I have been a member of FAB almost (not quite) from the beginning; since 1990, 34 years ago. During that time, I have served as Newsletter Editor (1995-2013), President (2016-2017), and Treasurer (2018-current). I retired from my career at the St. Johns River Water Management District in November 2022, and since then have continued to be involved with FAB and have gotten involved with many other “itches” that I wanted to scratch in retirement (volunteer efforts, etc.). It is getting time for me to move on. I have agreed to serve as Treasurer in 2024 and 2025. At the end of 2025, it is time for me to finish out this period of my professional career. We need someone to step up and serve as FAB Treasurer starting in January 2026. This is not a real demanding job. It takes on average about 1-2 hours per month of your time, and much of that is more in “pulses” when you have to work with workshops, the Annual Meeting, and preparing the annual financial report. In other words, there will be months where you will do nothing, but then there will be months where you will have to put in a few hours or so a week. The main thing is, keep up and don’t let the work lag far behind. As long as you can keep up, you will be fine and it will not be a burden on your time. Again, it averages out to 1-2 hours per month in a year. You do not have to have a financial background (I do not), just be organized and able to keep up with the work. Please contact me, our Nominations Chair Scott Duncan, or our President, Craig Duxbury, if you are interested in serving in this position. I will help intensely in the transition, but the idea is for me to eventually be “gone.” I will continue to be involved with FAB, in terms of attending Annual Meetings and maybe even presenting a bit of my former work, but my days as an Officer in the organization are at an end, and I encourage our younger members to step up and get involved.



Invertebrate Courses



[ZOO 3205C - Advanced Invertebrate Zoology](#)

[ZOO 4254C Marine Invertebrate Zoology](#)

Meeting Minutes

**FLORIDA ASSOCIATION OF AQUATIC BIOLOGISTS
CALLED MEETING OF THE EXECUTIVE COMMITTEE
06 FEBRUARY 2025
DRAFT**

The meeting opened at 12:10 PM by Doug Strom (EC Chair). Rob Mattson took meeting notes in the absence of Secretary Peggy Morgan.

A roll was not taken, but it was determined that a quorum was present. Doug turned the meeting over to President, Craig Duxbury. The purpose of this meeting is to discuss details for the 2025 workshops (Spring and Fall) and the 2025 Annual Meeting of the organization.

The 2025 Spring Taxonomic Workshop will be held at UF Dept. of Entomology and Nematology as in past years. Potential dates being May 7-8, 2025, during the break between spring and summer semesters.

Potential topics:

- Leeches (Anna Phillips)
- Chironomid midges (John Epler)
- Aquatic and semi-aquatic beetles (John Epler)

Craig will reach out to these folks to gauge availability. We will make a final decision in a couple more weeks and need to check the list of past workshops that Bob Rutter and Doug have maintained to see if there is something else that has not been done in a while. Breaks at UF in June or August could be back-up dates if the May time frame does not work out.

We discussed membership dues notice and a membership drive.



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The 2025 Annual Meeting will be the 38th Annual Meeting of FAB and will be November 3-4, 2025. The Orlando Science Center is one possible venue, and Craig will also check on the lodge in Wekiwa Springs State Park. We discussed the need for reserving a block of hotel rooms, as no one used the block at the Spring Workshop in 2024. We discussed a Keynote Speaker and decided that if a name came up, we would ask. It is not a meeting requirement, and we can decide on this later.

The 2025 Fall Taxonomic Workshop, potentially on Amphipoda, is being prepared by Dave Karlen. It will be held, as usual, at UT Marine Lab. We discussed scheduling the Fall Workshop and Annual Meeting the same week to facilitate travel requests.

We returned to discussion of memberships and dues and doing an email to the membership reminding them about renewing dues for 2025, and asking them to consider upcoming vacancies at Treasurer, Secretary, and Registered Agent. We discussed other future workshop topics or themes.

Rob Mattson made a motion to appoint Holly Sweat to a position on the FAB Executive Committee (Dave Karlen second). Motion passed on voice vote.

The business of this meeting being concluded, Dave Karlen made the motion to adjourn (Rob Mattson second). The meeting was adjourned at 12:55 PM.

Annual Membership fees are due yearly by February 15!

Your membership is for one year: January 1–December 31 and are due February 15th of each year. Once registered, you will receive email confirmation of your purchase. If you would like to pay your dues and register for a workshop, you may add them to your cart, and they will be displayed as separate items on the receipt for easy bookkeeping.

[Pay Now by Credit Card](#)

or

Check, payable to FAB and mailed to:

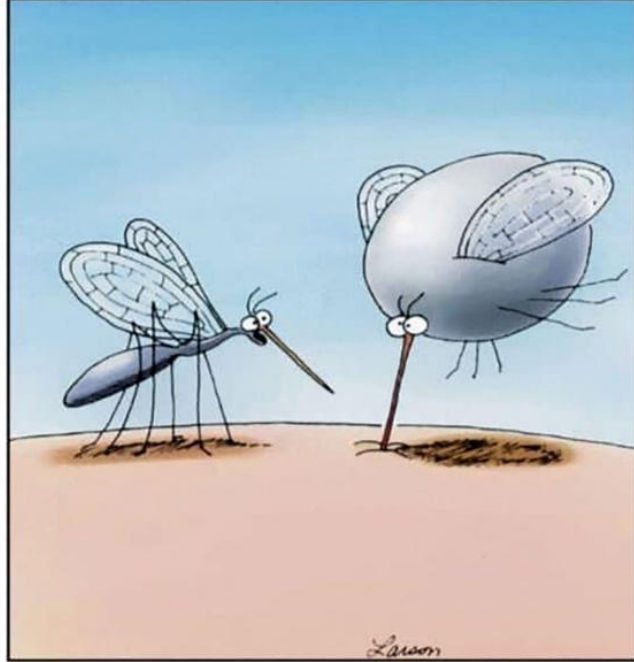
Rob Mattson, Treasurer
121 Palm Trail
East Palatka, FL 32131

Reminder:

If you *haven't* paid your membership dues for 2025, please add 2025 membership dues (\$35) to your cart. To check your membership status, please email memberships@floridaaquaticbiologists.org.



THE FAR SIDE
BY GARY LARSON



"Pull out, Betty! Pull out! ... You've hit an artery!"

