



ASSOCIATION OF
PROFESSIONAL BIOLOGY
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43rd APB Annual Professional Biology 2022 AGM & Conference Agenda & Program

Agenda

- 1:00-1:05 – Conference meeting pre-amble
- 1:05-4:30 – Keynote & Scientific program
- 4:30-5:00 – AGM
- 5:00-6:00 – Open House

Program

Keynote (1:05 pm)

- **Richard Hedley** (University of Alberta) - Biology by ear: the past, present and future of acoustic monitoring for ecosystem assessment.

Richard Hedley is a postdoctoral researcher in the Biological Sciences Department at the University of Alberta. He grew up in Vancouver, BC, and completed a BSc in Biology at the University of Victoria in 2010, followed by a PhD in the Ecology and Evolutionary Biology department at the University of California, Los Angeles in 2016. His PhD research examined the complexity of Cassin's Vireo song in California's Sierra Nevada Mountains. His current research focuses on the use of acoustic recordings to monitor ecosystems, with an emphasis on making greater use of existing data sets to answer new and exciting questions relating to ecology and conservation.

Break (1:50-2:00 pm)

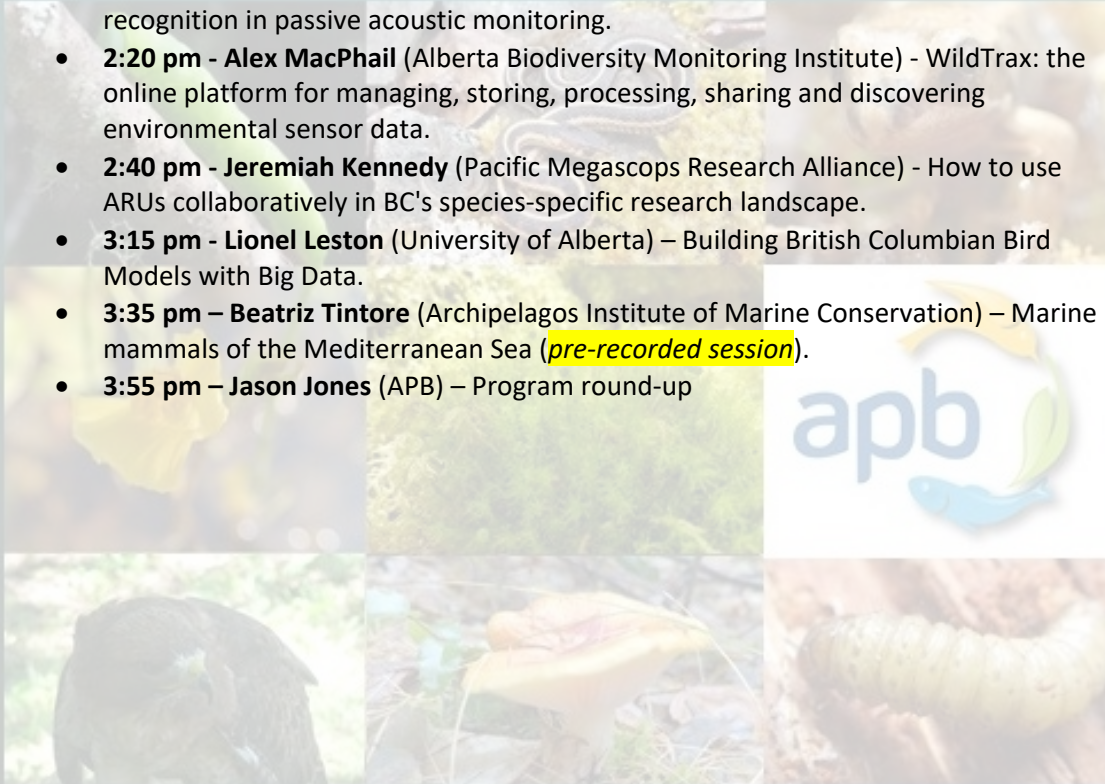
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Scientific Program (2:00-4:20 pm)

- **2:00 pm - Elly Knight** (Alberta Biodiversity Monitoring Institute) - What does a detection mean? Current applications and limitations of using automated recognition in passive acoustic monitoring.
- **2:20 pm - Alex MacPhail** (Alberta Biodiversity Monitoring Institute) - WildTrax: the online platform for managing, storing, processing, sharing and discovering environmental sensor data.
- **2:40 pm - Jeremiah Kennedy** (Pacific Megascops Research Alliance) - How to use ARUs collaboratively in BC's species-specific research landscape.
- **3:15 pm - Lionel Leston** (University of Alberta) – Building British Columbian Bird Models with Big Data.
- **3:35 pm – Beatriz Tintore** (Archipelagos Institute of Marine Conservation) – Marine mammals of the Mediterranean Sea (*pre-recorded session*).
- **3:55 pm – Jason Jones** (APB) – Program round-up



THE 2022 ASSOCIATION OF PROFESSIONAL BIOLOGY CONFERENCE AND AGM

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