



Welcome to the Monitoring and reporting on the health of wetlands in the eastern Mediterranean Webinar

17th and 18th February 2021

We will start the webinar at 0800
UTC

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Addressing drivers of ecological change in Lake Akrotiri, SBA, Cyprus DPLUS088 (and DPLUS056)

1 April 2019 – 31 March 2021

Jodey Peyton

UKCEH

AEEC

JSHU

(and many fantastic collaborators)

Monitoring and reporting on the health of wetlands in the
eastern Mediterranean 17th and 18th February



UK Centre for
Ecology & Hydrology



Akrotiri Environmental
Education Centre

Κέντρο Περιβαλλοντικής Εκπαίδευσης Ακρωτηρίου



Joint Services Health Unit

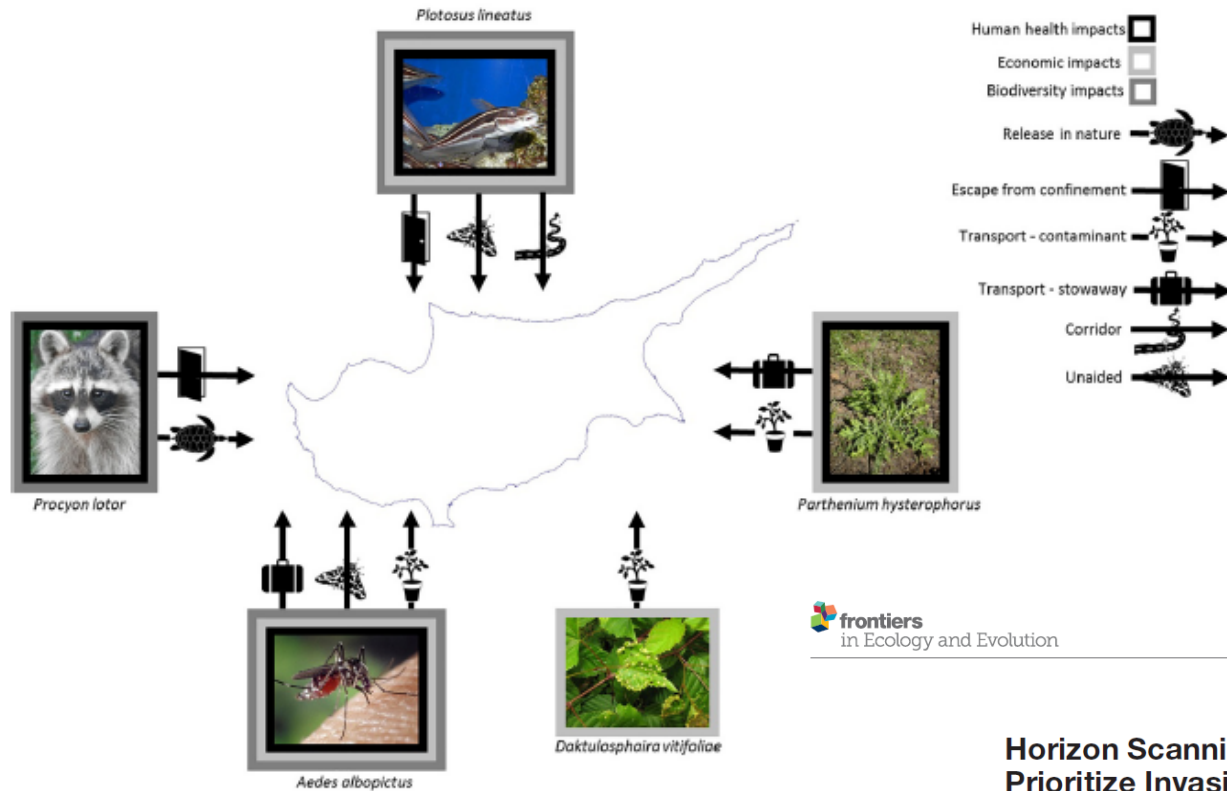


Researching Invasive Species in Cyprus

Sovereign Base Areas of Cyprus



Horizon scanning...



frontiers
in Ecology and Evolution

ORIGINAL RESEARCH
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Horizon Scanning to Predict and Prioritize Invasive Alien Species With the Potential to Threaten Human Health and Economies on Cyprus

OPEN ACCESS

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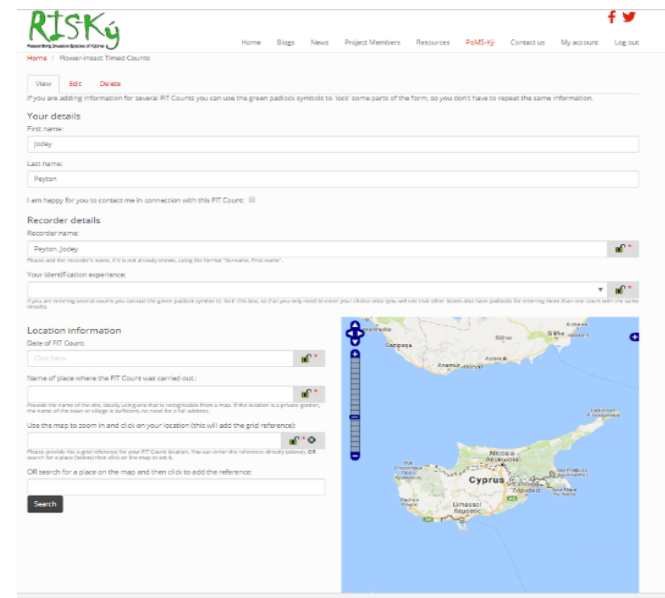
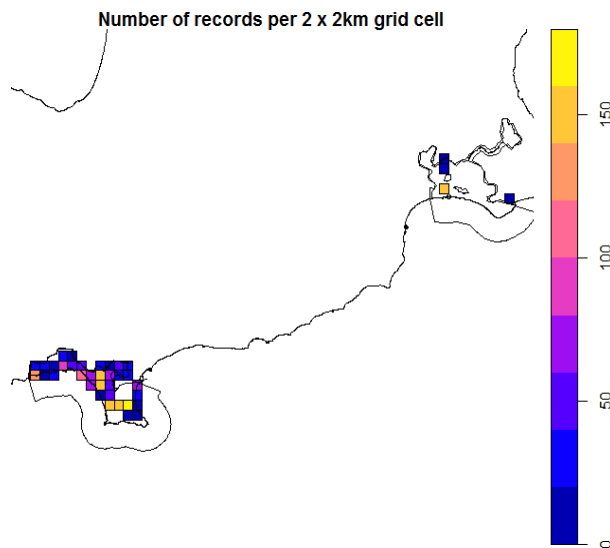
ORIGINAL PAPER

Horizon scanning for invasive alien species with the potential to threaten biodiversity and human health on a Mediterranean island

Jodey Peyton¹ • Angeliki F. Martinou² • Oliver L. Pescott³ • Monica Demetriou⁴

Information on species and habitats

- Remote sensing of habitats
- **CyDAS**
 - Online resource for IAS in Cyprus <https://www.ris-ky.info/cydas>
- Surveys and compilation of information through Darwin and COST Action STSM
 - ~**6,000** plant records
 - **10,000** records of more than **700** INNS and native species



Water chemistry

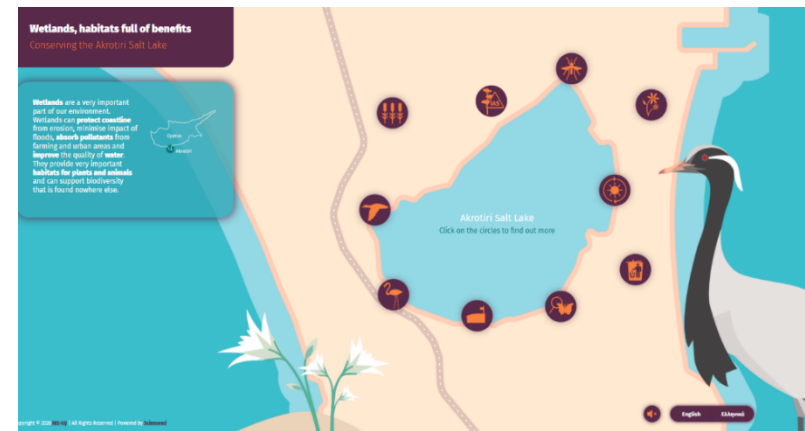
Water quality surveys

- Identify potential pollution sources and lake biogeochemical processes
- Survey across the lake (8 sites) in July 2019 and further additional surveys at three specific sites from Sept 2019 to Nov 2020
- Results are being analysed as we speak!



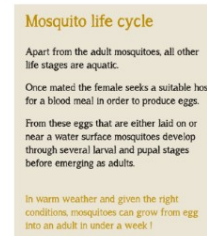
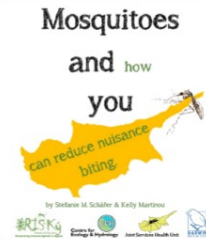
Working together to build capacity

- Biosecurity training on mosquito control and management with AEEC and wider community
- Biosecurity review with SBA and JSHU
- Development and implementation of pollinator monitoring – PoMS-Ký and Mini-PoMS-Ký
- Wetland education materials including interactive wetland resource looking at threats <https://www.ris-ky.info/explore-akrotiri/>

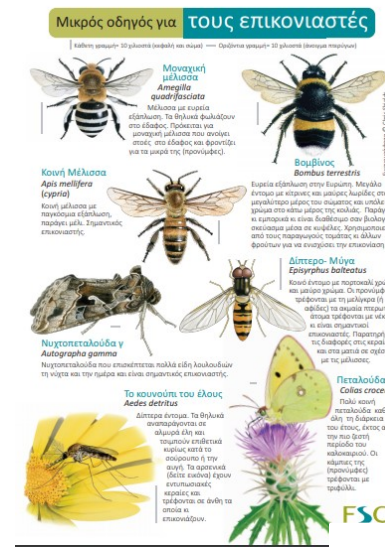
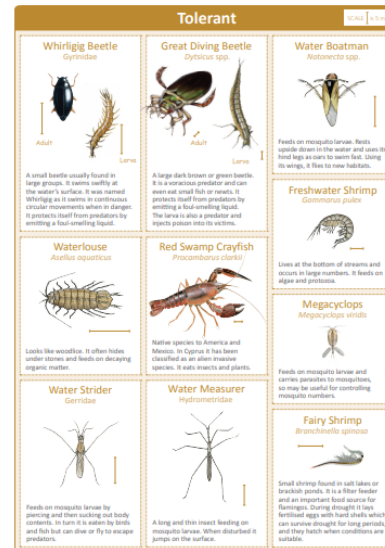
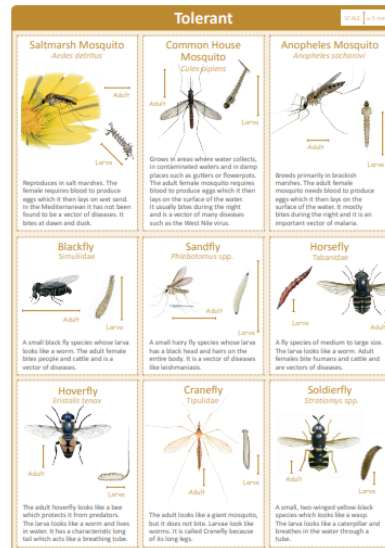
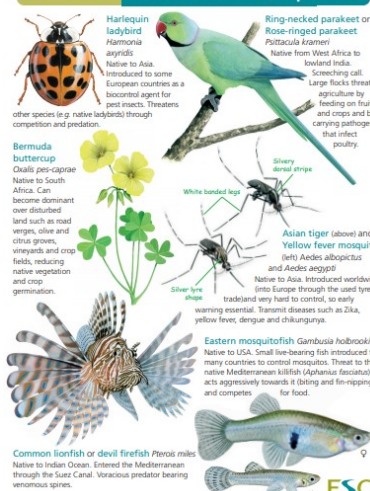


Enhancing understanding & communication

- Bilingual guides produced to highlight:
Pollinators in Cyprus
Mosquitoes
Invasive Alien Species
Macroinvertebrates (for Lake Akrotiri)



Mini guide to invasive alien species



Thank you to all the amazing people who have collaborated through our projects

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<https://www.ris-ky.info/resources>



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