PacMOSSI
Introduction to data management support

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PacMOSSI Tupaia
Pacific Mosquito Surveillance Strengthening for Impact

Importance of Data for Vector Surveillance

- Surveillance is an active intervention
  - Requires the ongoing collection of information (data) to generate knowledge to guide effective decision making

- Surveillance data needs to be:
  - Accurate, Reliable, Relevant and Timely
  - And also Accessible!

- Capturing and accessing vector surveillance data (in a standardized way) has often been a challenge
  - Particularly in the Pacific

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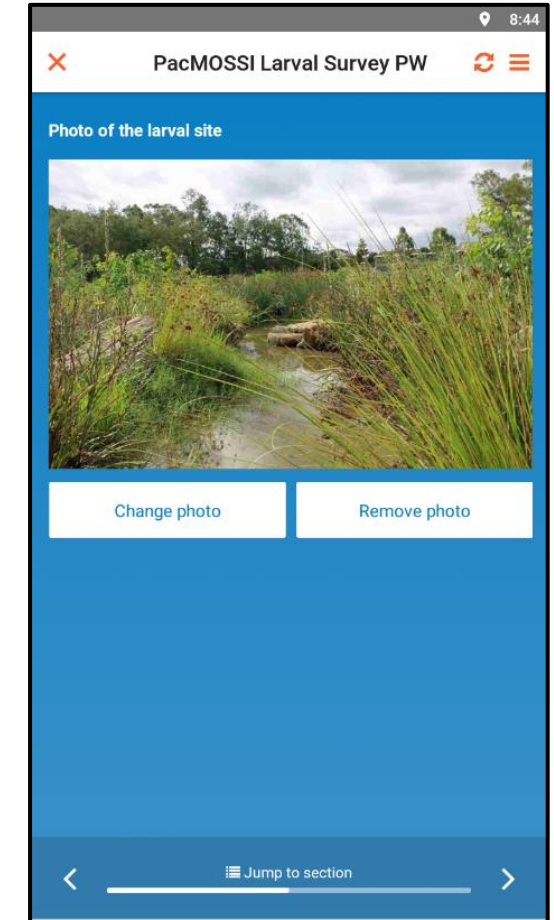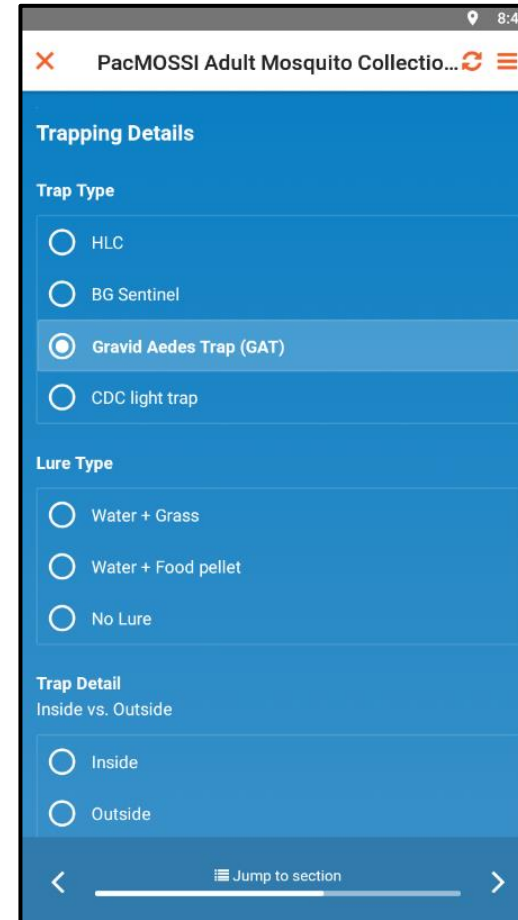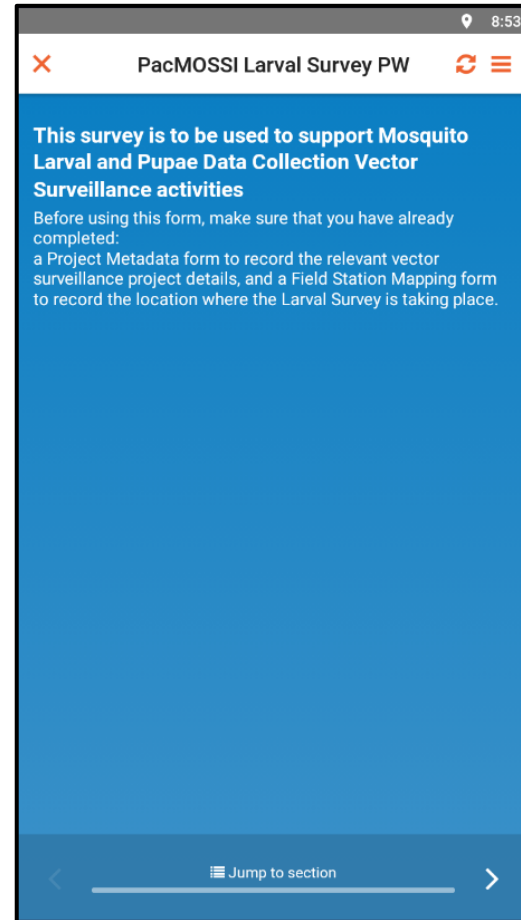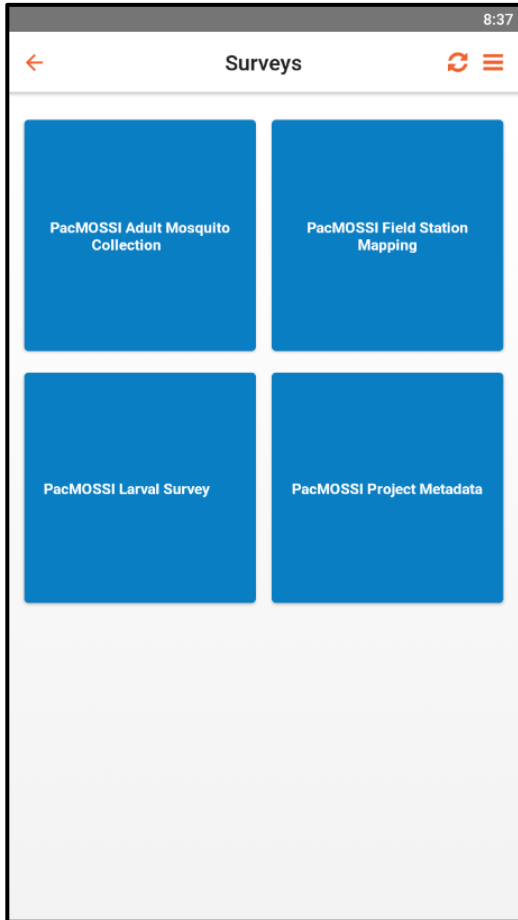Pacific Mosquito Surveillance Strengthening for Impact

Standardised Digital Data Collection for Vector Surveillance

- As part of the PacMOSSI project a set of standard smart-phone based digital data collection forms have been developed
  - To support priority country-led Vector Surveillance activities including:
    - Field Station Mapping
    - Adult Mosquito Collection
    - Larval Surveys
    - Insecticide Resistance Monitoring

- Designed for use with Tupaia Meditrak
  - Freely available smart phone data collection app that syncs directly to the online Tupaia data visualization platform
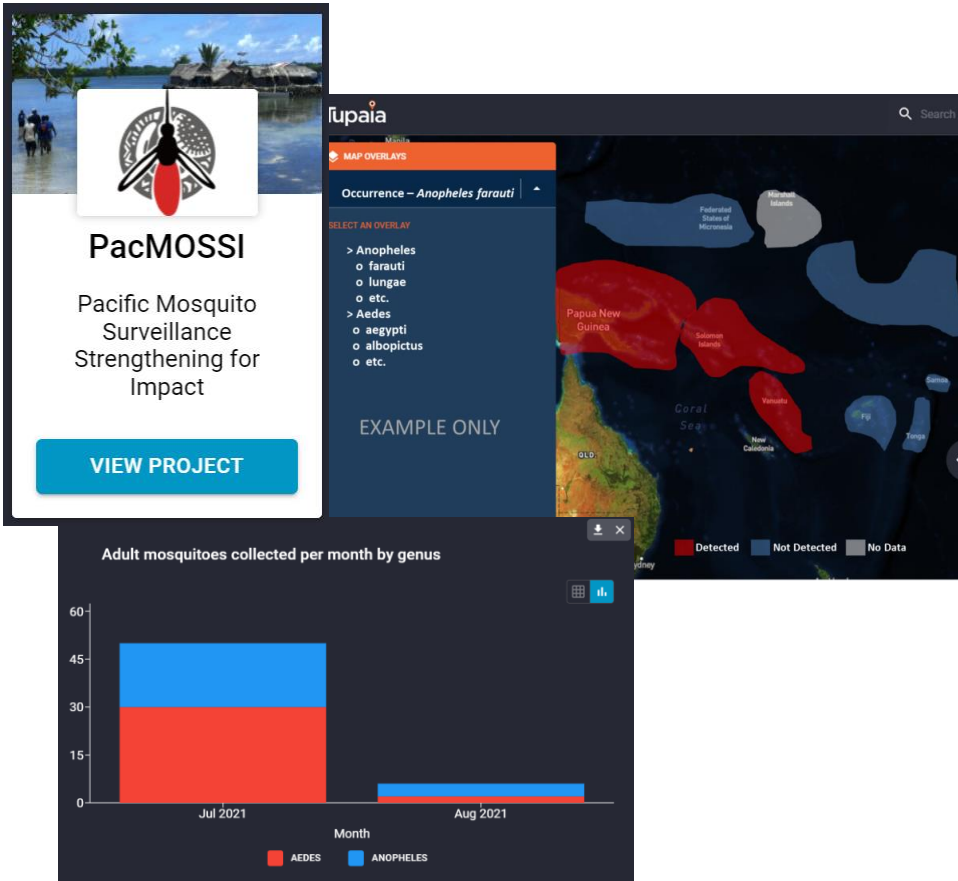 - Can be adapted to other data collection apps if needed

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Tupaia Meditrak User Interface - examples

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Tupaia

What is Tupaia?

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VIEW PROJECT

Visit: tupaia.org

- Web-based data aggregation, management, analysis, visualisation and dissemination platform
  - Pulls live data from multiple data sources
  - Developed to break down data siloes and complement existing systems (e.g. DHIS2)
  - Currently in use >10 countries to support a variety of health applications

- PacMOSSI vector surveillance piloting now underway in Palau and Solomon Islands
  - Available for use in any PacMOSSI country
  - Map overlays and data visualisations/dashboards can be customized and adapted to suit country needs
  - Training also available