

Lightning Talk

# Exploring the Role of New Technology in Community Science Data Collection

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**Aster Hasle**

The Field Museum



# Exploring AI tools

ZOONIVERSE



Leps by Fieldguide  
Change Theory  
★★★★★ 4.8, 5 Ratings  
Free



- What is the role of citizen science as machines become better at identification?
  - AI tools are evolving quickly, whether we engage or not
  - Still a role for people as the collectors and organizers of data
  - Currently, there remains a role for identifying unique species
  - How can we offload labor-intensive tasks onto AI?

# Our Plan



**Collect**

- Community scientists collect data and photos in Survey123



**Analyze**

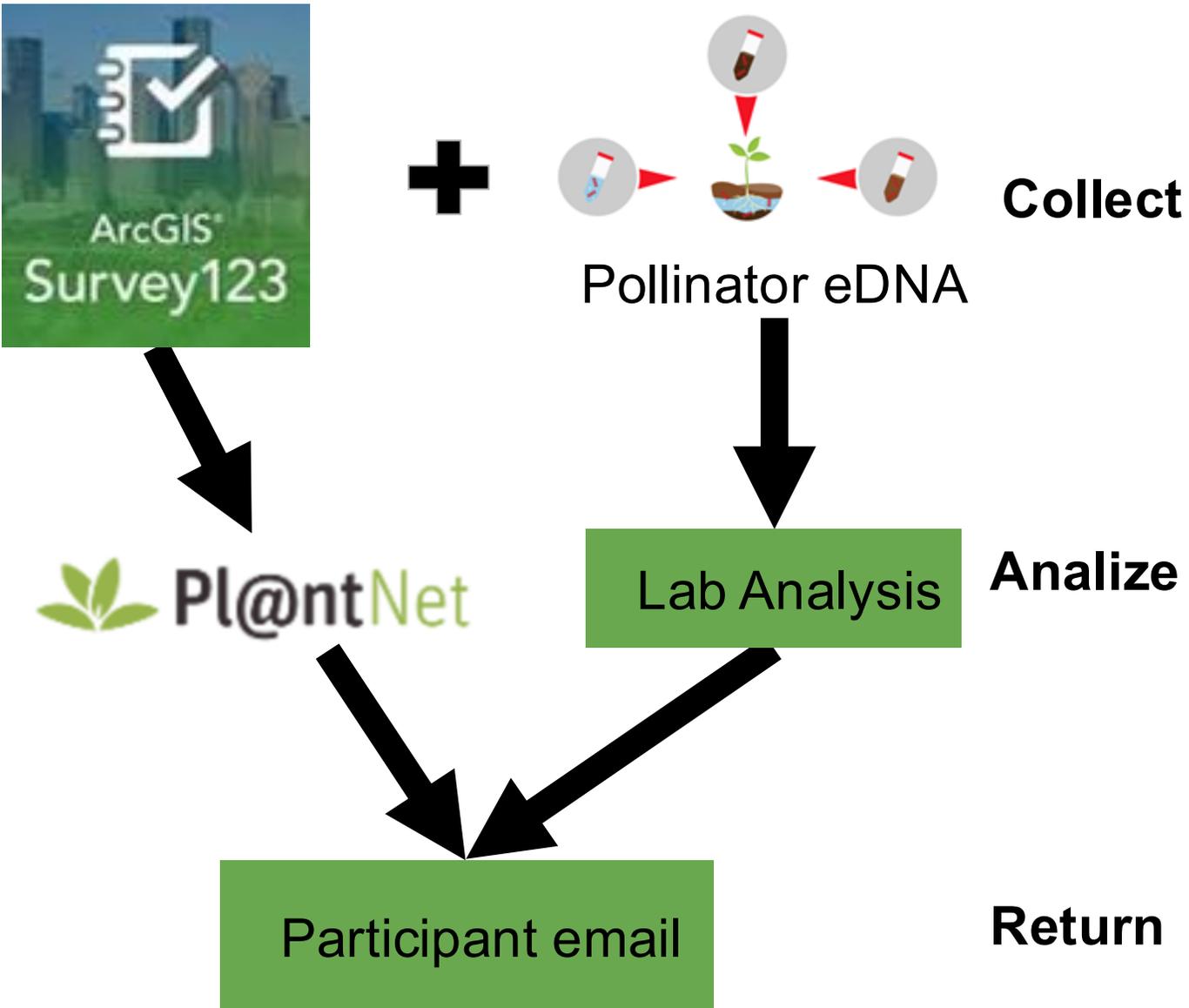
- Photos are uploaded and identified by PlantNet
  - Verified by staff

**Participant email**

**Return**

- Identifications are emailed to participants

# Future



- Community scientists collected eDNA is an exciting opportunity
- Data collection is relatively easy
- Currently, lab and analysis costs are outside of our budget