

Lightning Talk

Exploring the Role of New Technology in Community Science Data Collection

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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



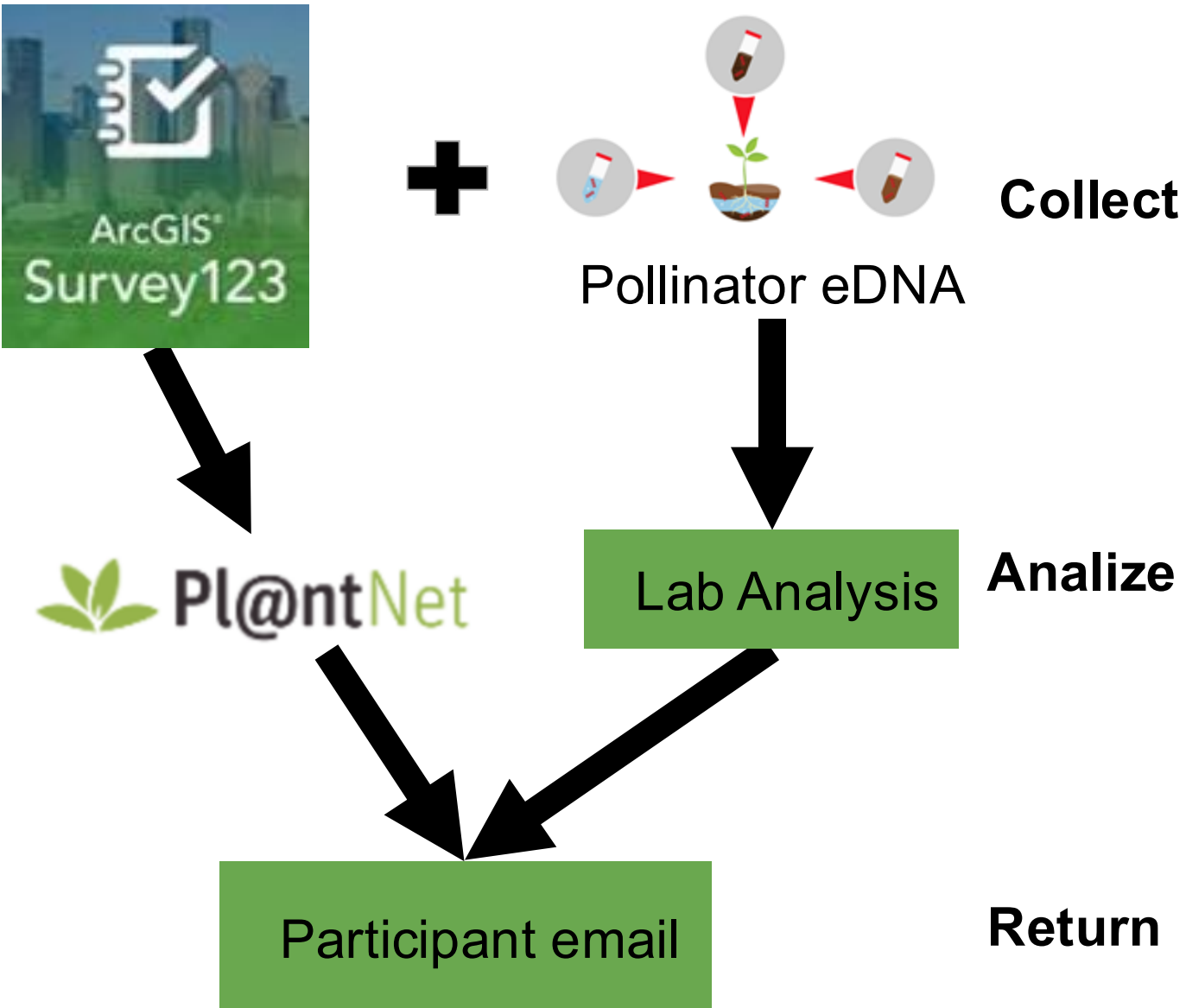
Analyze

Participant email

Return

- Community scientists collect data and photos in Survey123
- Photos are uploaded and identified by PlantNet
 - Verified by staff
- 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