

Snails in Need of GIS: Using Historical Data to Map Land Snails in the US Part 2

Saturday, October 28, 2023 11:00 AM (1h 30m)

This part 2 of a 3-hour workshop (will introduce attendees to several unusual and unique geocoded historical data resources on land snails held at the Carnegie Museum of Natural History and other museums across the United States. The workshop will be led by Tim Pearce (Assistant Curator of Mollusks at Carnegie Museum of Natural History), Susan Lucas (faculty member in the Urban Studies program) and Josh Cannon (Scholar-Mentor, Office of National Scholarships, David C. Fredrick Honors College, University of Pittsburgh).

Participants should have some GIS expertise. A basic knowledge of Excel will be helpful but is not required. Depending on their level of expertise and comfort, participants will work with either cleaned, ready to map or uncleaned/ uncorrected data. Participants should bring their own laptop computer. Students experienced in GIS will be on hand to help participants.

In the **second part** of the workshop, participants will have the opportunity to (1) produce maps showing the distributions of various land snail species, and (2) map temporal changes in various land snail species.

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Session Classification: Workshop

Track Classification: AGX Special Sessions