

Long-Term Pollinator Sharing in Plant-Pollinator Networks



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Disclaimer



Disclaimer

- This presentation is not the main story



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- i. e., no time to analyse the data



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Feedback!

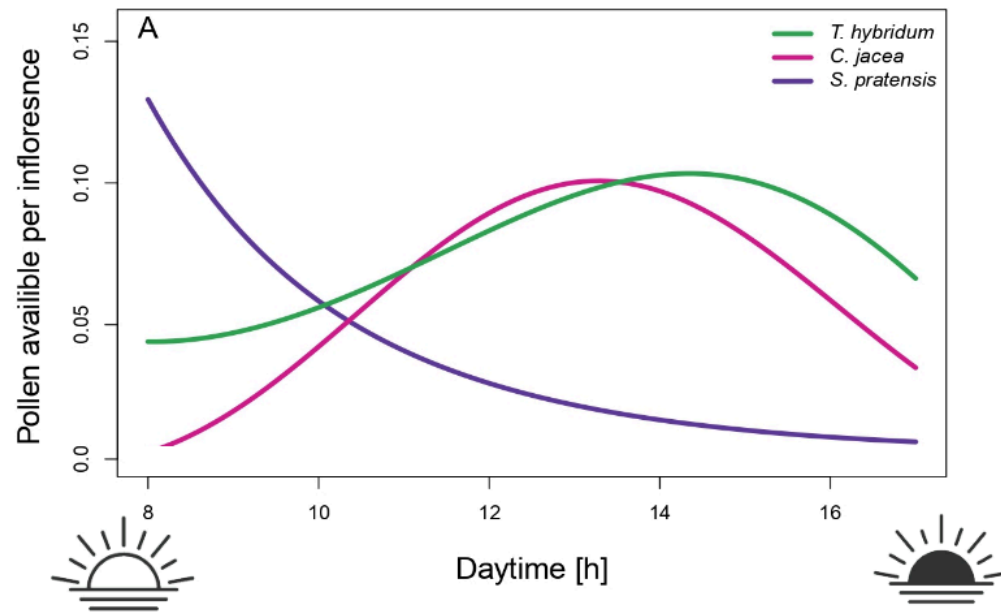


- i. e., no time to analyse the data
- yet



Previously on Ecoflor 2024:

Pollen available in time

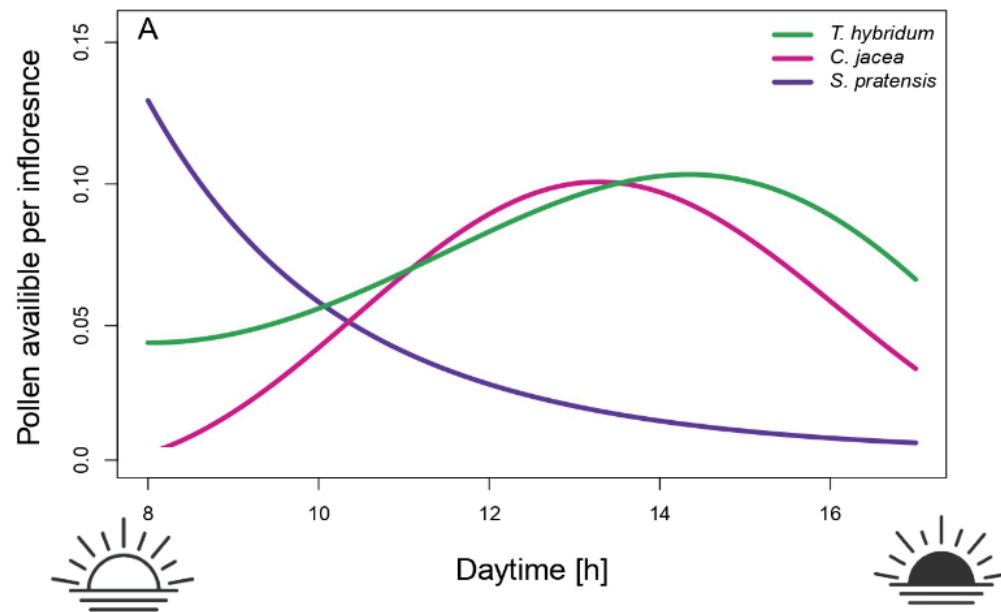


Štenc, J., et al (2023). American Journal of Botany, e16179



Previously on Ecoflor 2024:

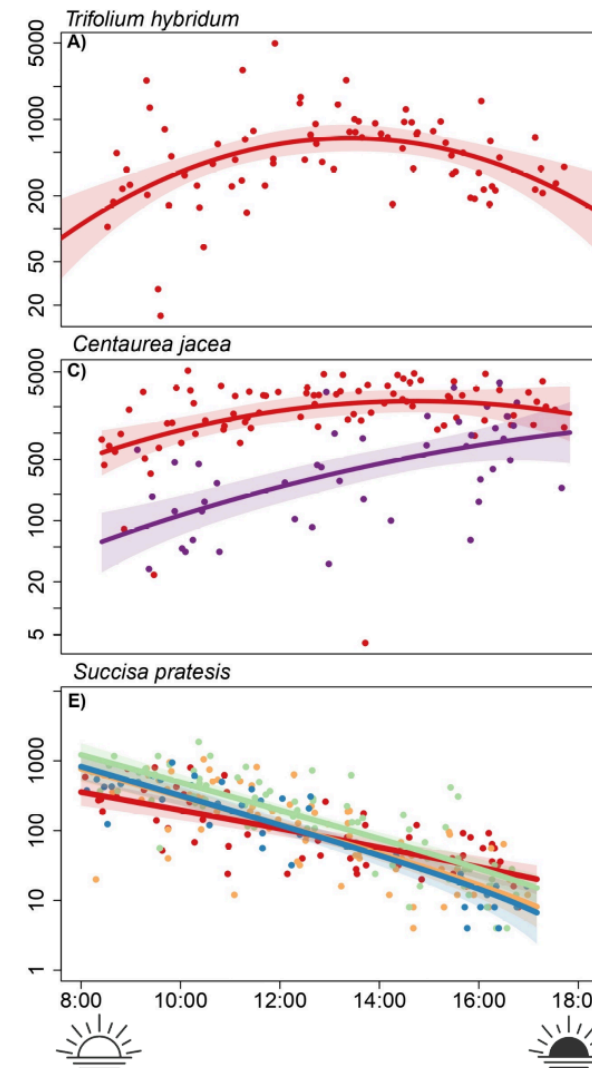
Pollen available in time



Štenc, J., et al (2023). American Journal of Botany, e16179

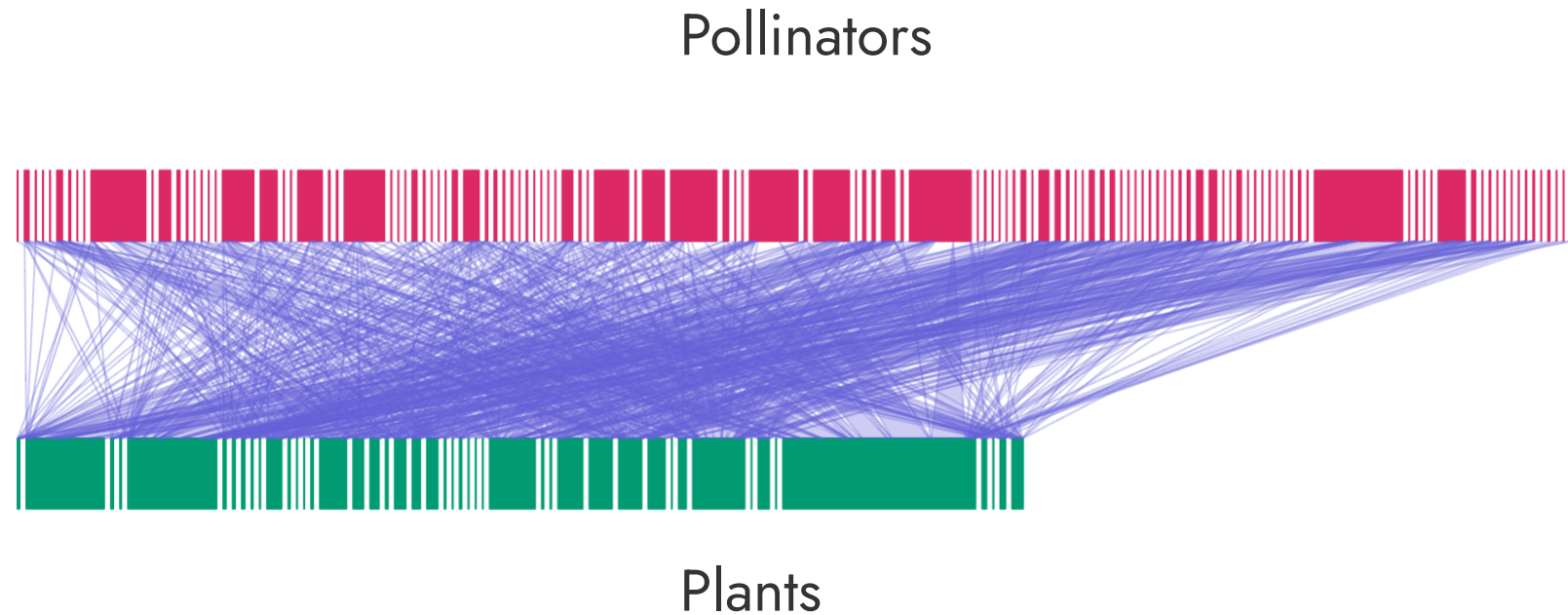


Pollen transfer in time



Previously on Ecoflor 2024:

- But how does this work on the network level?



- But what does it mean for pollen transfer?



Methods - the locality

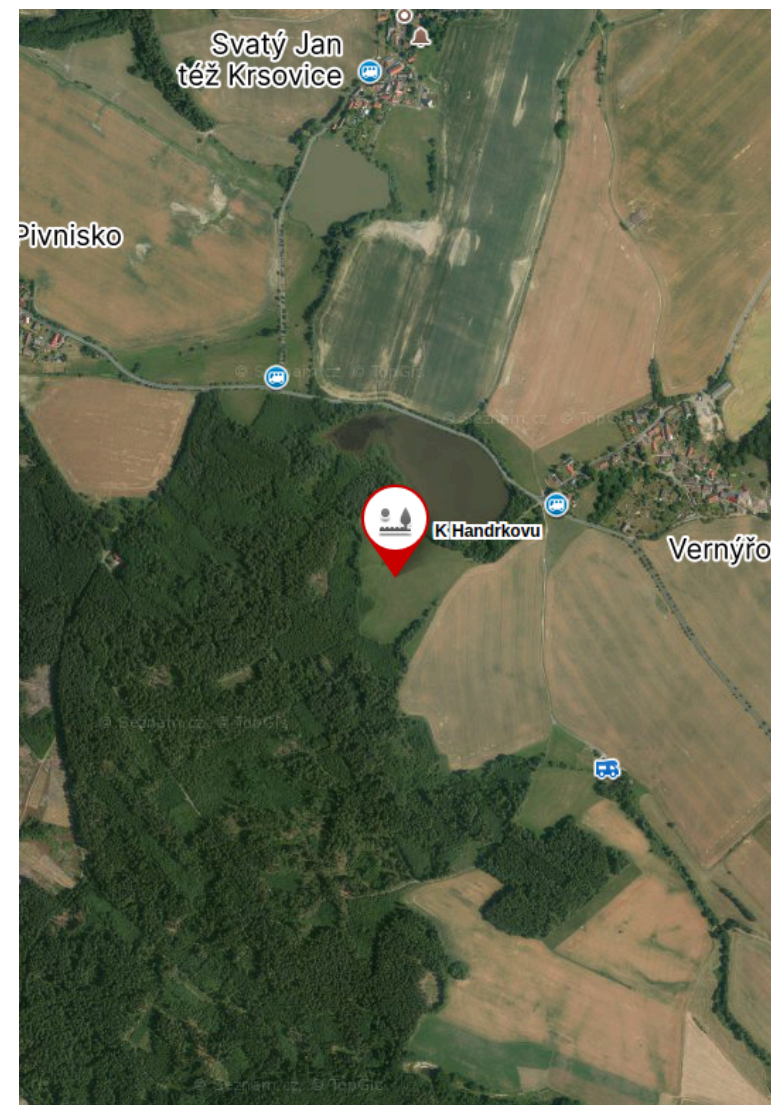
Czech Republic



Rich in flowers



Agricultural landscape



Methods - permanent plots

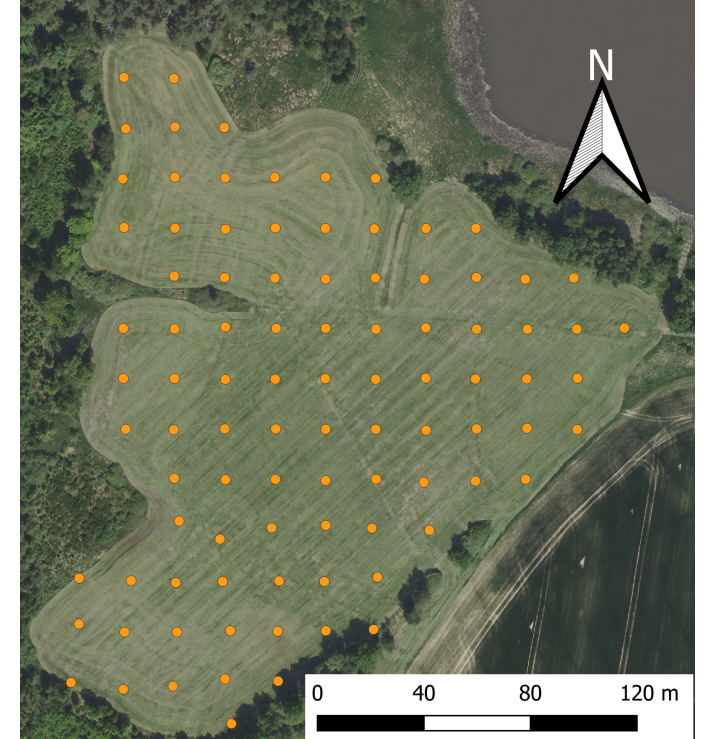
plots are marked



recovered every year



96 plots in total



Methods - plant-pollinator survey

Plant survey



Pollinator survey



Methods - plant survey

Plant survey



- Stalks of all flowering plants are counted
- 2 times per sampling period



Methods - pollinator survey

Pollinator survey

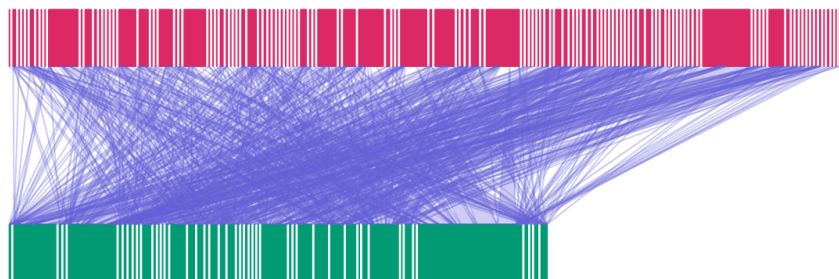


- “Snapshot” of plant-pollinator interaction
- 20 sampling per plot per season
- Correction for sampling effort



Methods - visualisation

Plant-pollinator network

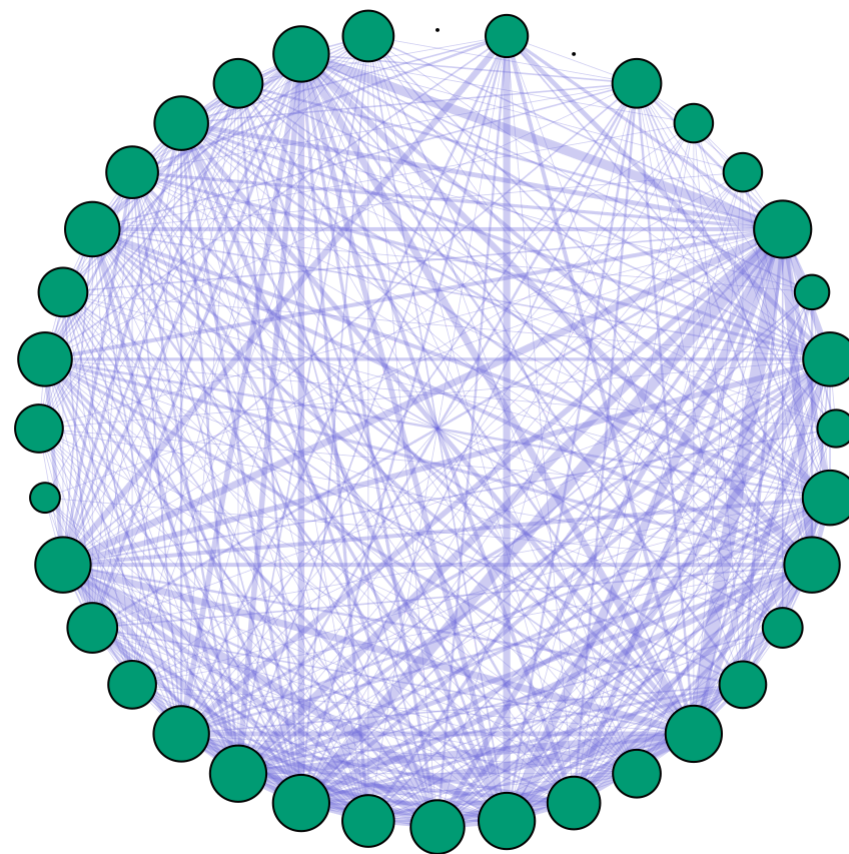


Methods - visualisation

Plant-pollinator network



Plant-plant network



Questions

- How does pollinator sharing among plants change over years?

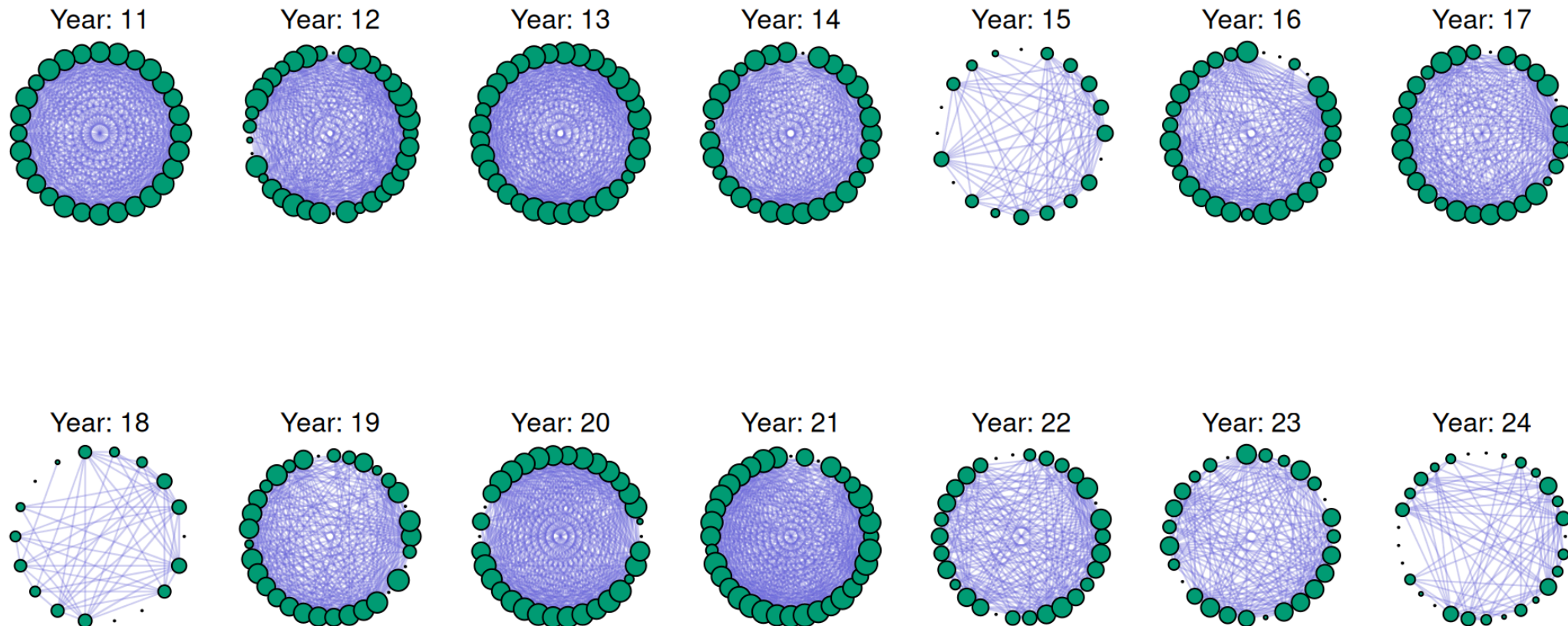


Questions

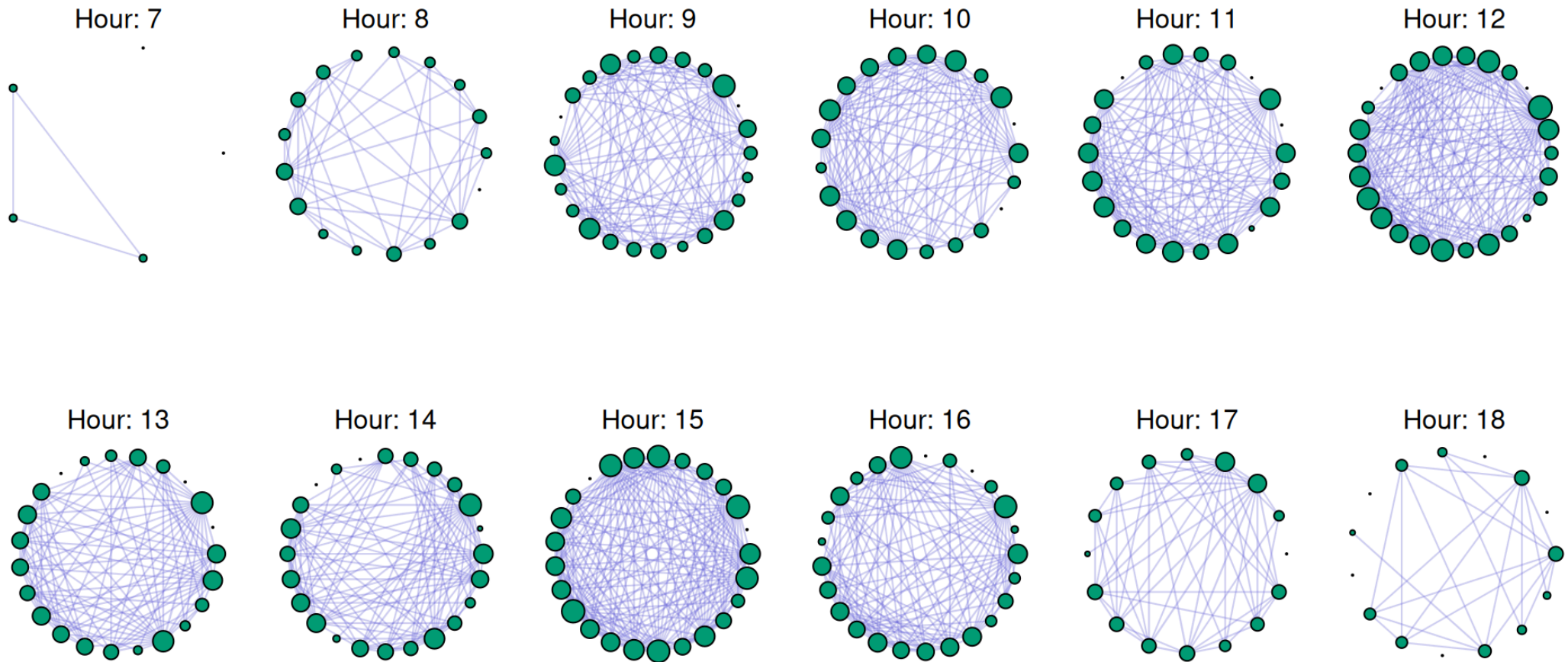
- How does pollinator sharing among plants change over years?
- How does pollinator sharing among plants change during the day?



Results - sharing among years



Results - sharing among hours in 2021

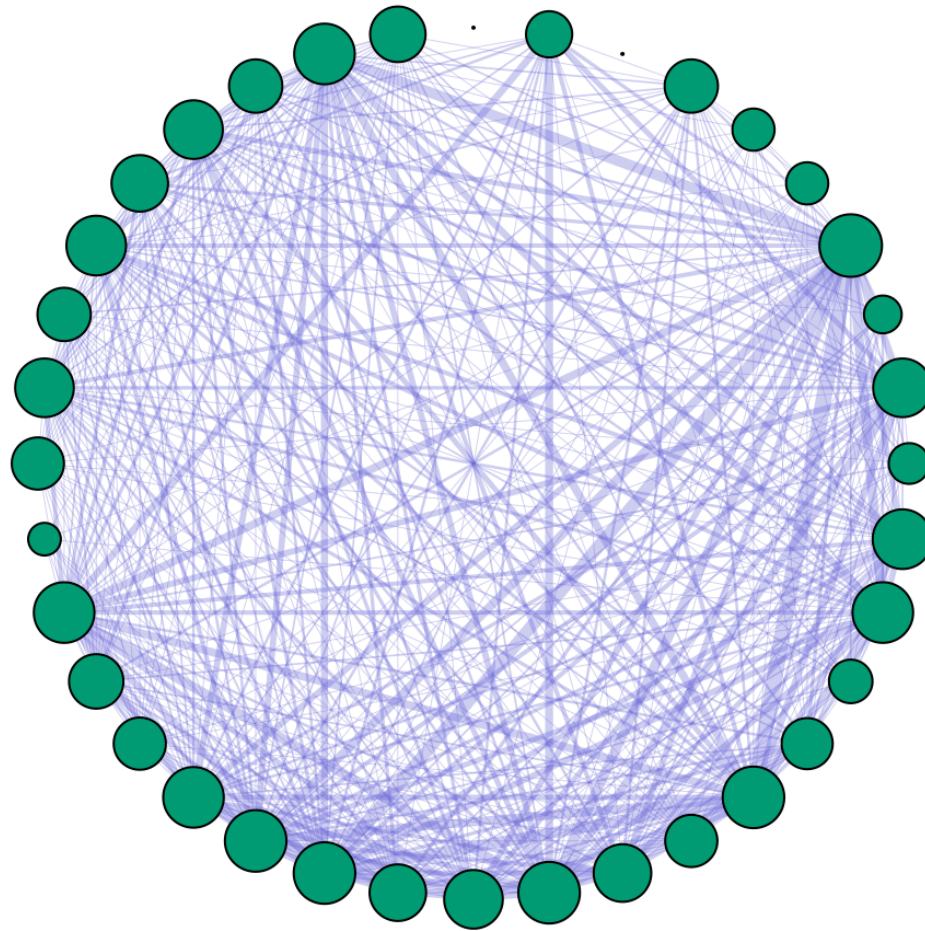


To be continued...

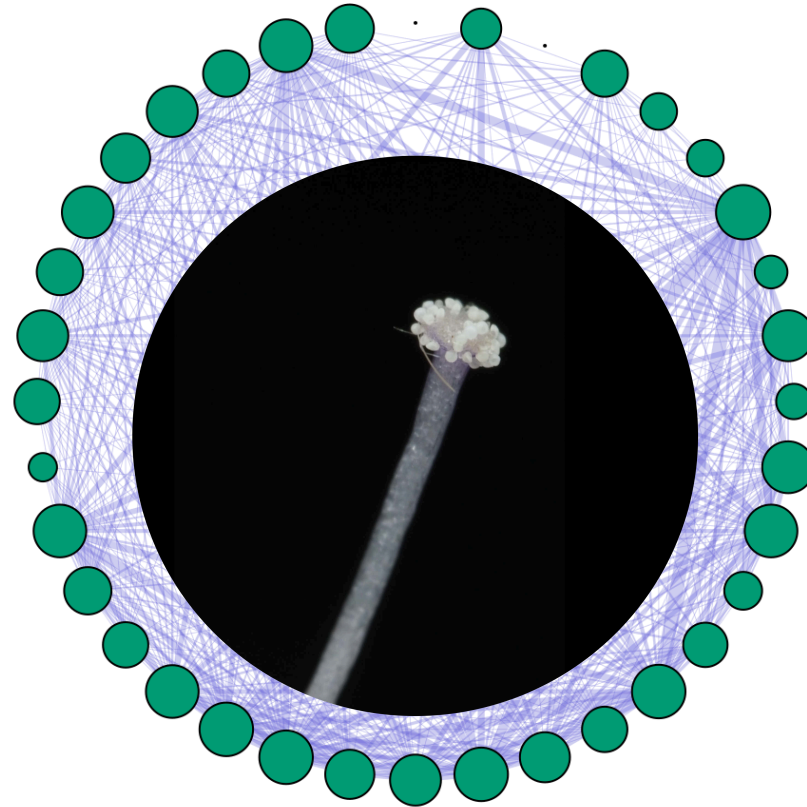
- What to do?



To be continued...



To be continued...



- Adding pollen deposition network!



Thank you!



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Slide 1

imported data shows up here

code can go here

