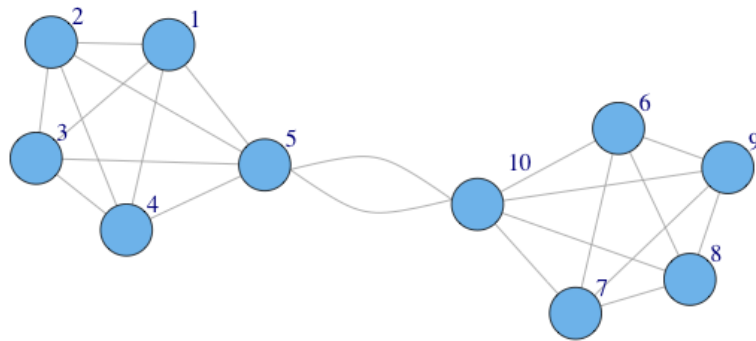
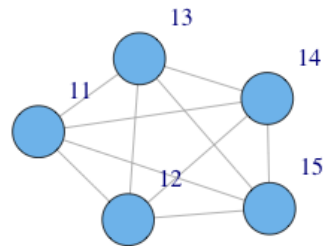

title : Contribution of traits and phylogenetic history to plant-pollinator network structure
date : 2013-08-07
author : Scott Chamberlain (@recology_) Simon Fraser University/rOpenSci
job : Co-authors Elizabeth Elle, Jana Vamosi, Ralph Cartar, Sarah Semmler, Anne Worley
framework : io2012
highlighter : highlight.js
hitheme : tomorrow
widgets : []
mode : selfcontained
assets :
css: "assets/FontAwesome/css/font-awesome.css"

Find this talk [here](#)

Made with [Slidify](#); the code [here](#)

Press “o” to bring up all slides - use to navigate

Species in communities form networks



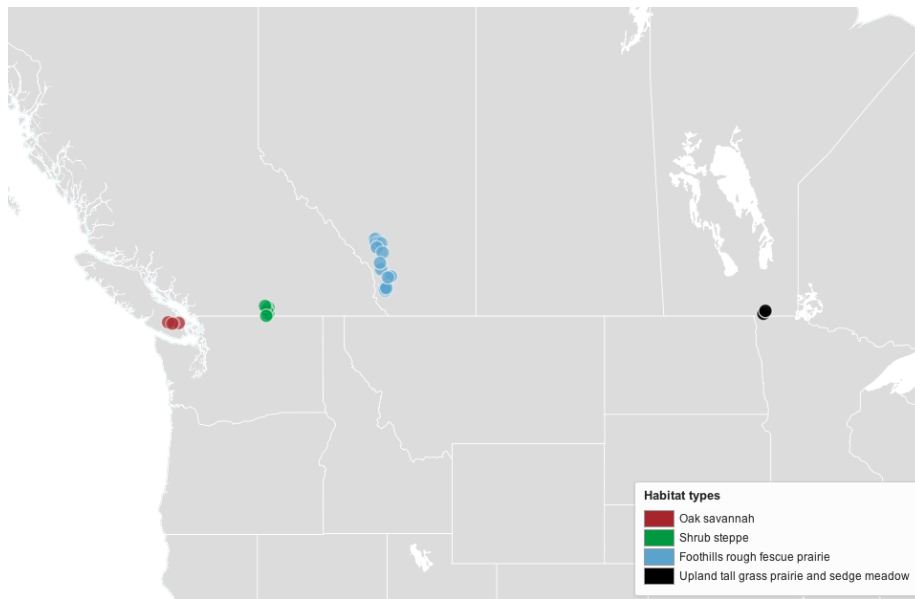
Patterns often similar among networks

adfsf

What drives network structure?

- Traits
- Phylogeny
- Phenology

Study sites



Traits - Pollinators

Traits - Plants

— &twocol

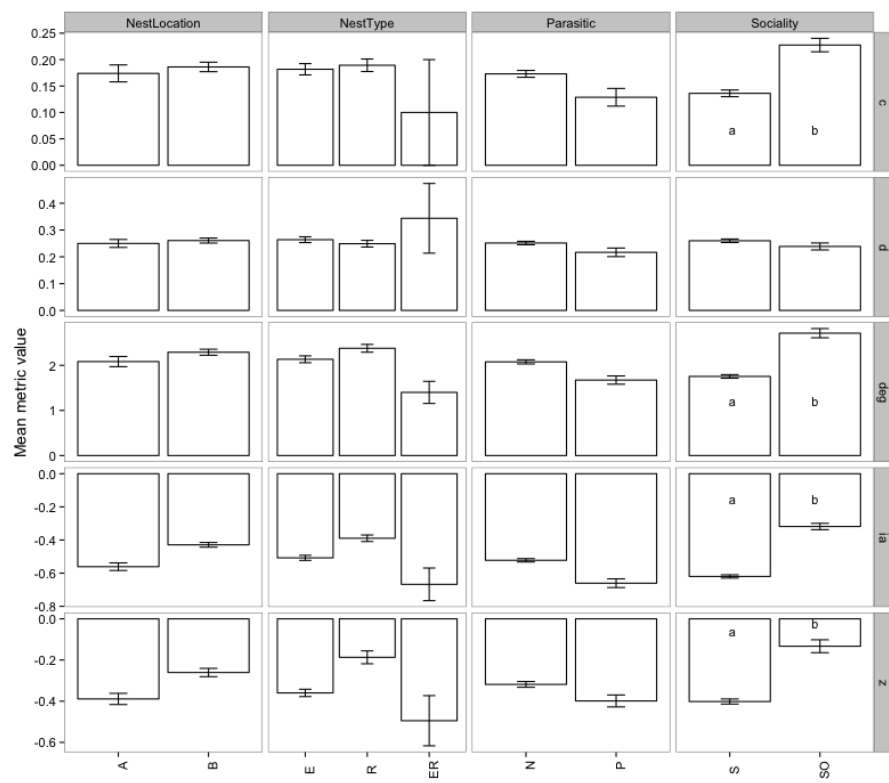
Phylogeny

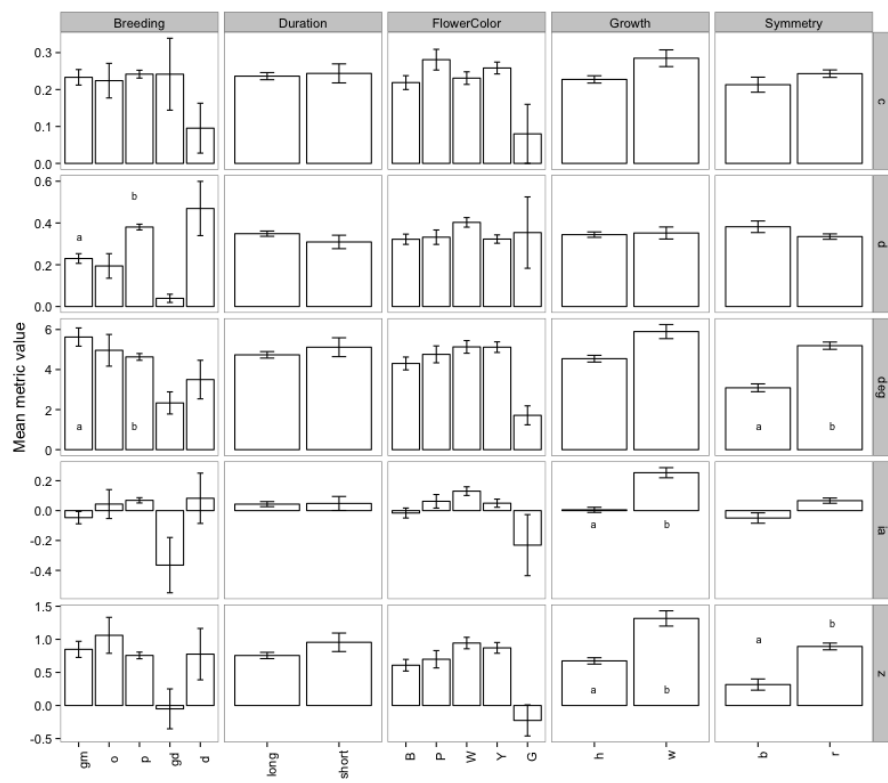
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plants

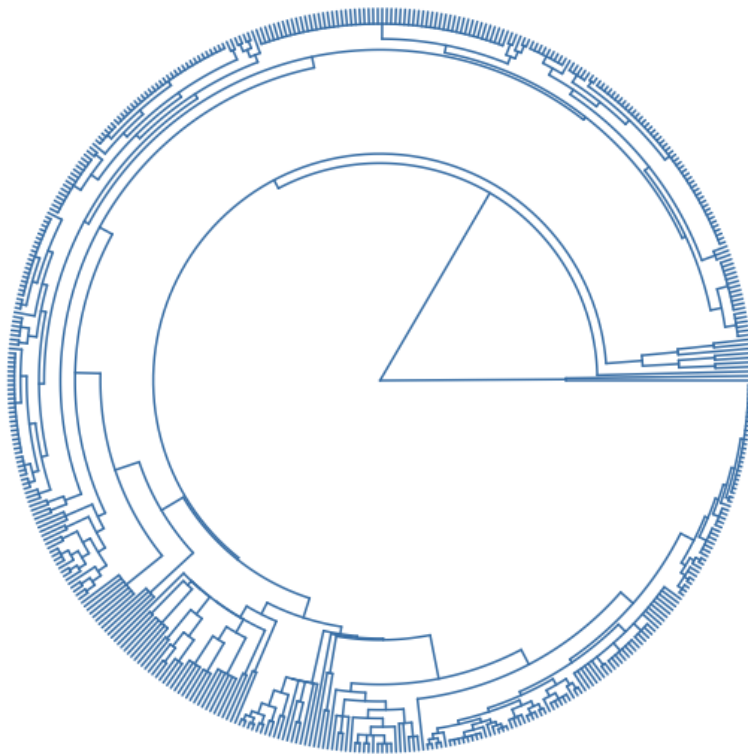
* =right

pollinators









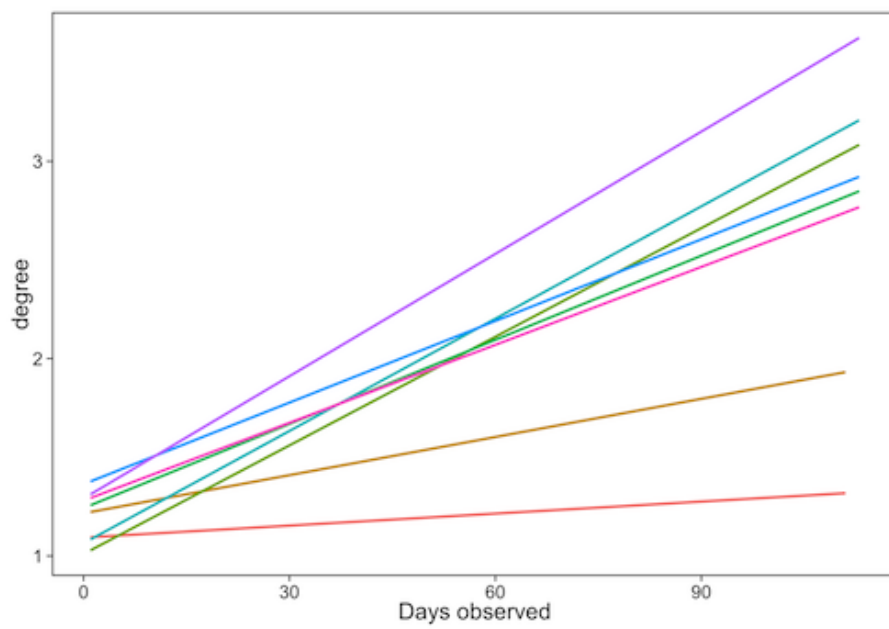
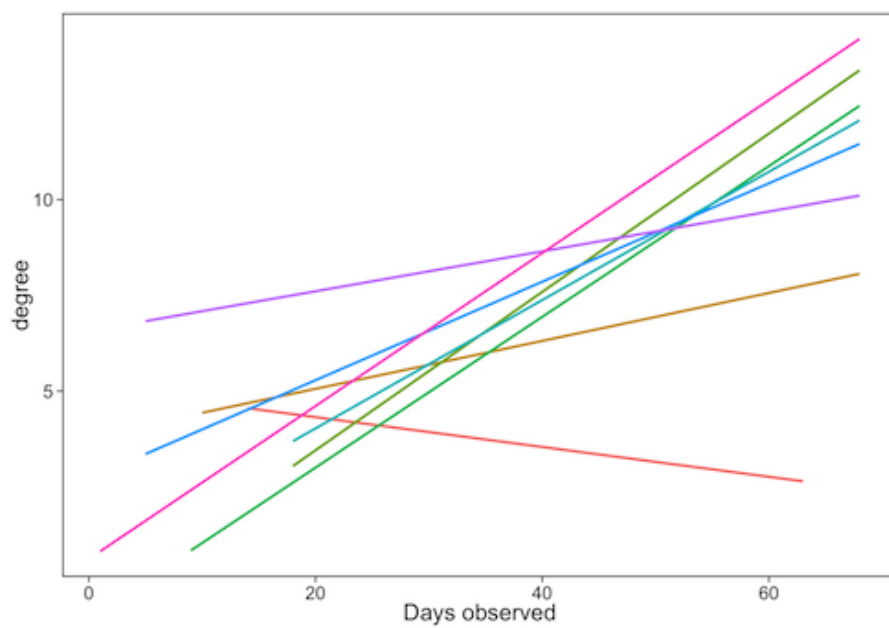
Phylogeny

IMAGE

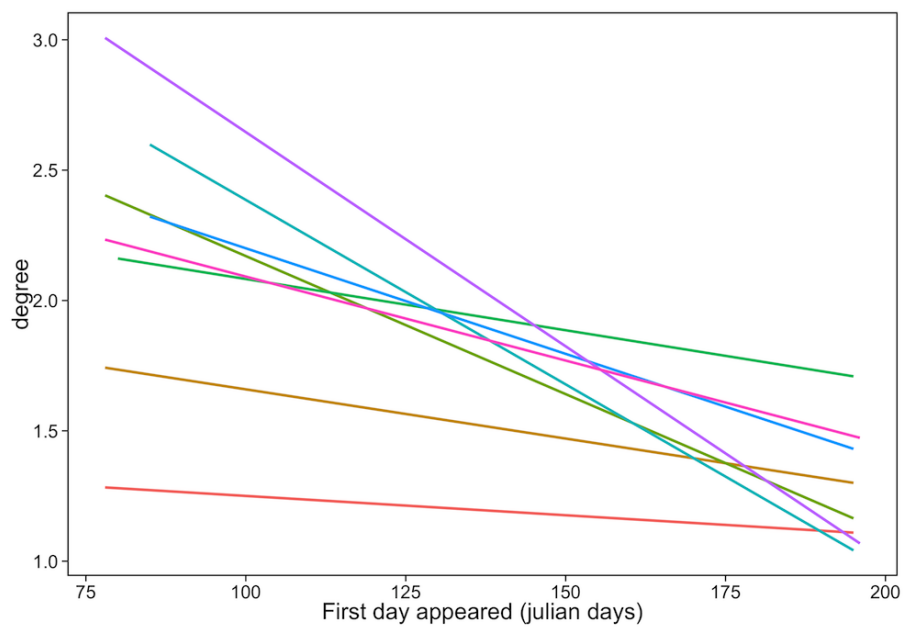
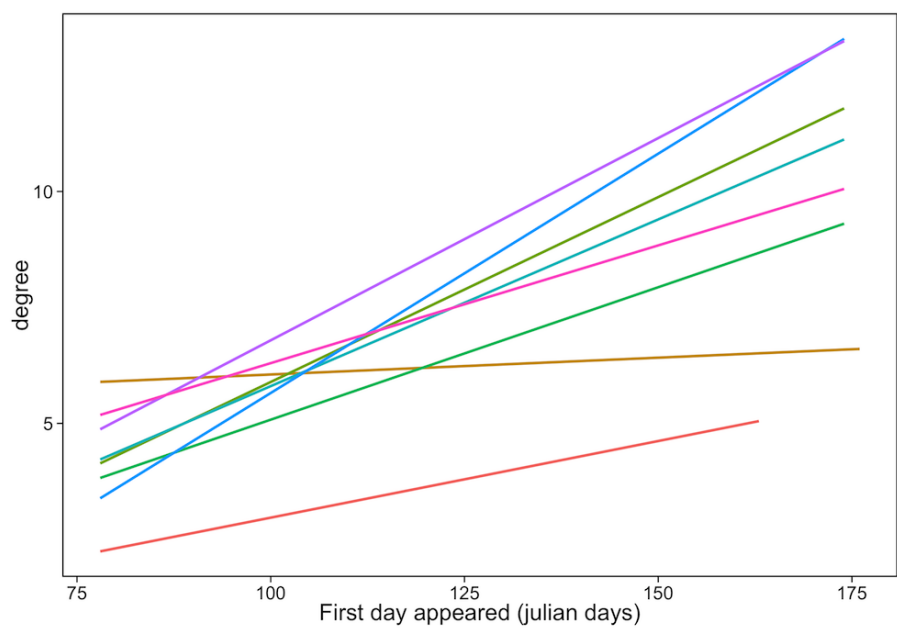
— &twocol

Phenology

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Conclusion

- Sociality in pollinators
 - Mating systems, flower symmetry & growth form in plants
 - Phylogenetic distance was associated with asymmetry and degree most strongly for pollinators, and specialization and among-module connectivity for plants.
 - At network level, pollinator functional diversity w/ modularity & connectance
 - Pollinator traits bigger drivers of network structure relative to plants
 - Traits, phylogenetic history & phenology imprt
-

Thanks!

- Coauthors
 - Elizabeth Elle
 - Jana Vamosi
 - Ralph Cartar
 - Sarah Semmler
 - Anne Worley
-

@recology__