

INTERANNUAL DIFFERENCE IN POLLINATOR CONTRIBUTION TO POLLEN TRANSFER

- 31 pollinator taxa
- 11 years of abundance data-collecting

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- HOW DO POLLINATORS CONTRIBUTE TO POLLEN TRANSFER?
- Do the contribution to pollen transfer vary due to ability to carry pollen or due to variation in visitation density?

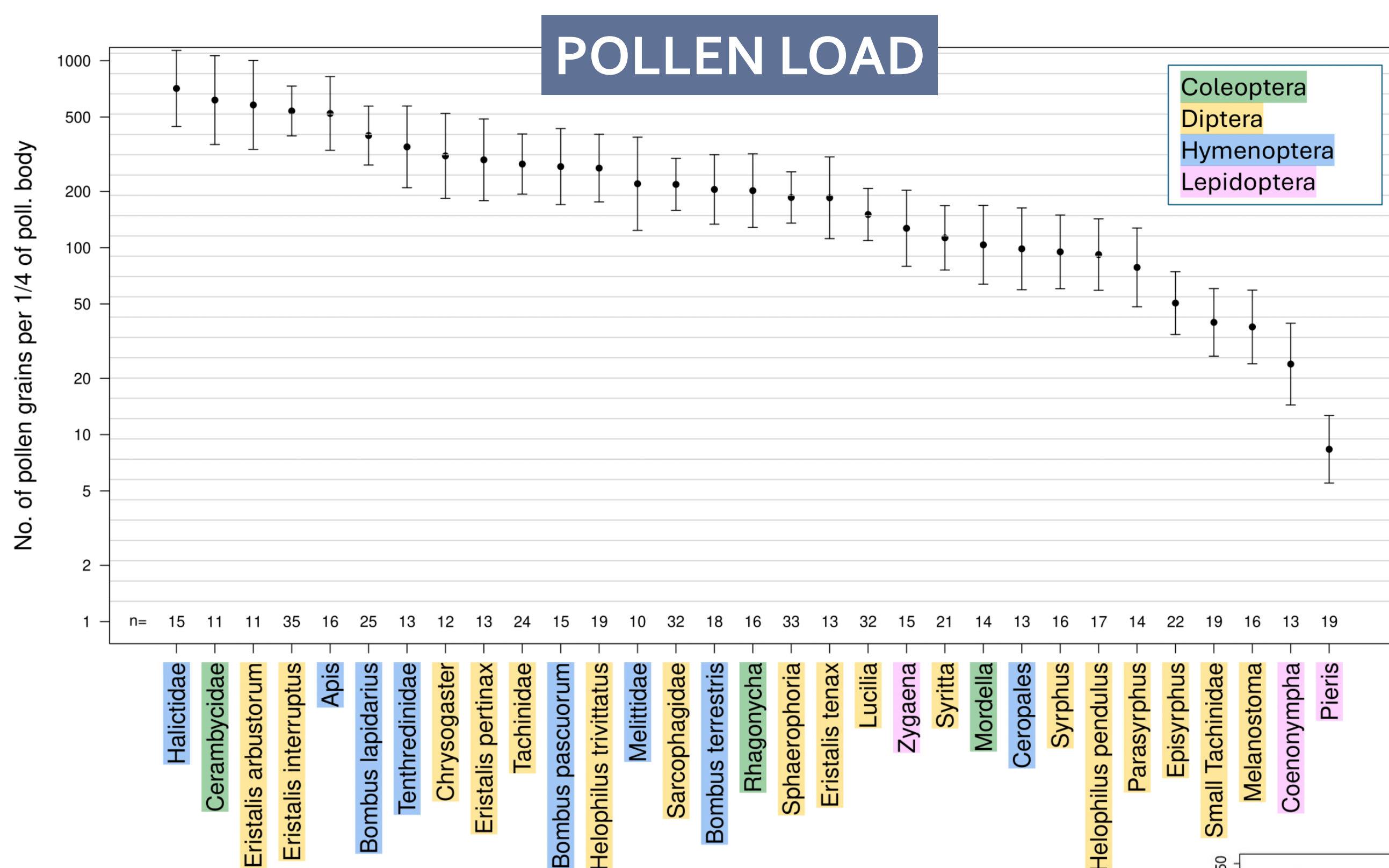


Pollen collecting:

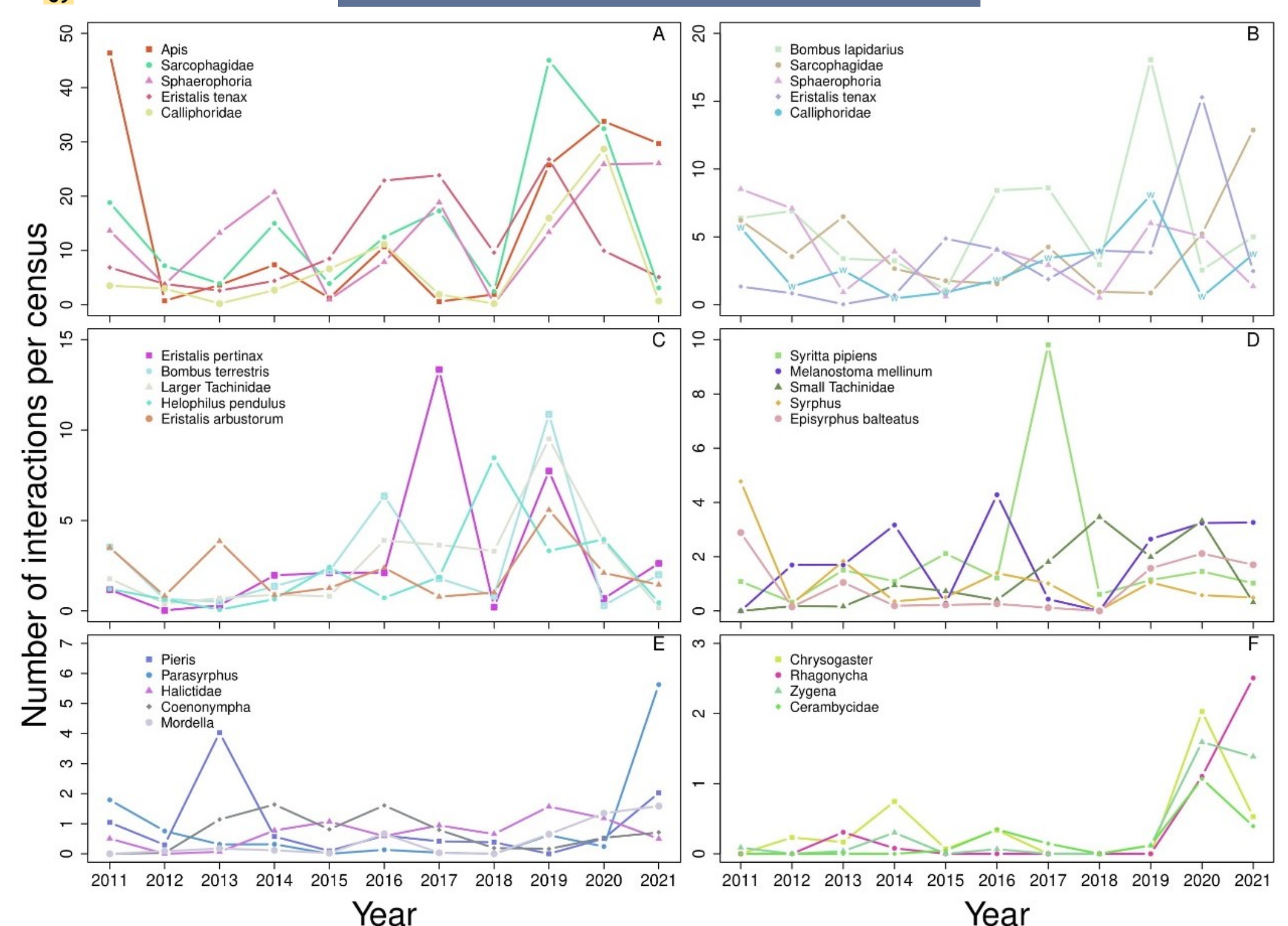
- Half of pollinator's body
- Small block of fuchsine jelly
- Pollen grains counted with microscope
- Pollen in scopa not sampled

Visitation density:

- 93 permanent plots over the meadow
- Plant and pollinator density every season since 2011
- Insects touching plant's reproductive organs for 2 seconds



VISITATION DENSITY



POLLINATOR CONTRIBUTION TO POLLEN TRANSFER DEPEND ON THE VISITATION DENSITY

- No big variation in pollen load among pollinators
- Very big differences in pollinator densities over the years
- Each pollinator taxa is important and necessary



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