

Data on domesticated organisms?

Quentin Groom, Meise Botanic Garden

“We don’t want domestic organisms”

*“The main reason we try to mark things like this [**captive/cultivated**] is because iNat is primarily about observing wild organisms, not animals in zoos, garden plants, specimens in drawers, etc., and our scientific data partners are often not interested in (**or downright alarmed by**) observations of captive or cultivated organisms.”*

iNaturalist

*“eBird is designed to collect in-person observations of living wild birds. When eBird data is used for science and conservation, researchers **assume** observations were made using more or less the same process (i.e., all birds were observed alive and in situ).”*

eBird

But...

- 29% of the global land surface has been significantly modified by anthropogenic activities (Ellis 2011).
- The biomass of livestock on the planet is more than an order of magnitude larger than the biomass of all wild mammals (Bar-On et al. 2018).

Predation, parasitism and herbivory



Wildlife disease



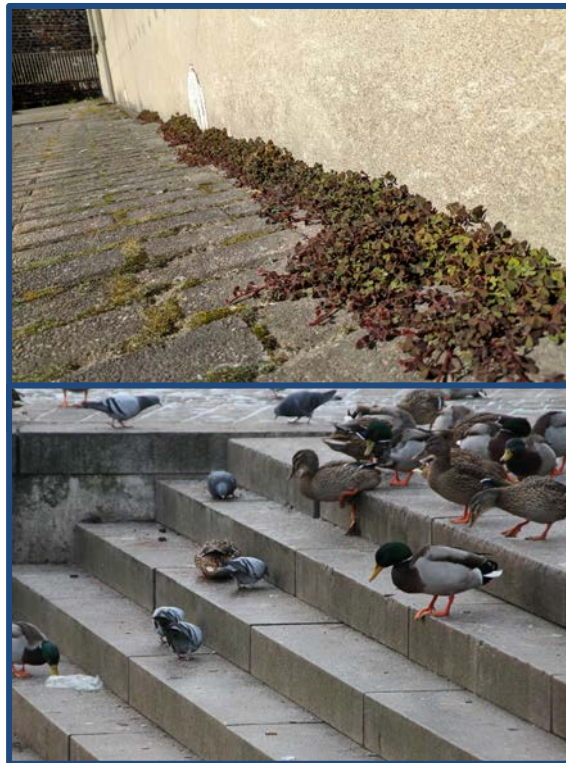
Potentially invasive species



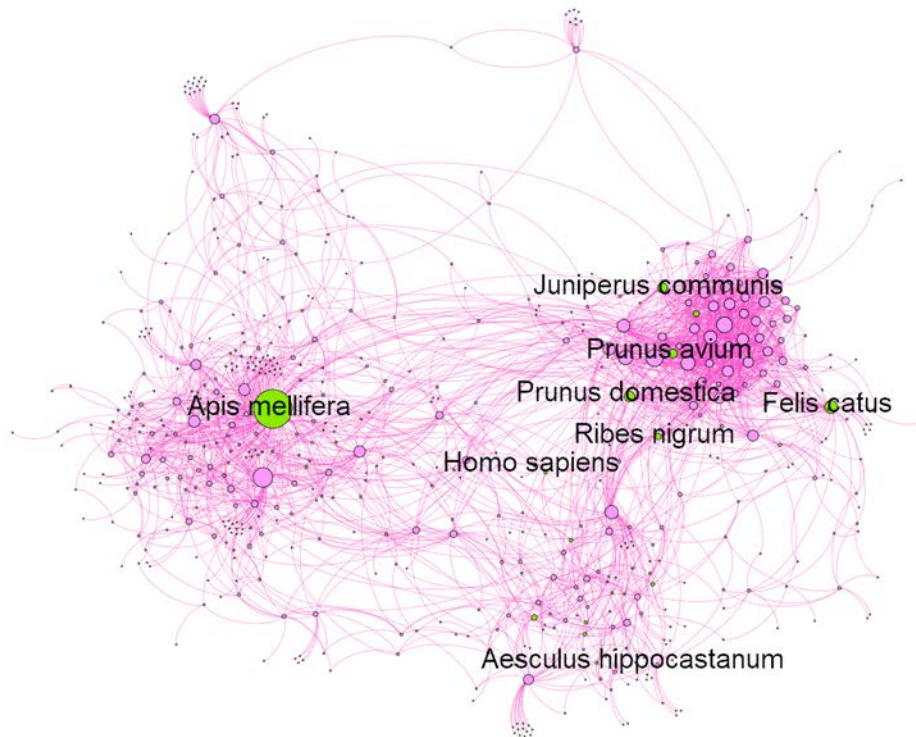
Genetic impacts



Urban ecology



Species interactions of a garden



We do need data on domesticated, captive and cultivated organisms!

What we need to do is ensure the status of organisms is correctly recorded.

dwc:degreeOfEstablishment

degreeOfEstablishment Property	
Identifier	http://rs.tdwg.org/dwc/terms/degreeOfEstablishment
Definition	The degree to which an Organism survives, reproduces, and expands its range at the given place and time.
Comments	Recommended best practice is to use controlled value strings from the controlled vocabulary designated for use with this term, listed at http://rs.tdwg.org/dwc/doc/doi/ . For details, refer to https://doi.org/10.3897/biss.3.38084
Examples	native, captive , cultivated, released, failing, casual, reproducing, established, colonising, invasive, widespreadInvasive

CETAF-DiSSCo/COVID19-TAF Biodiversity-related knowledge hub working group

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