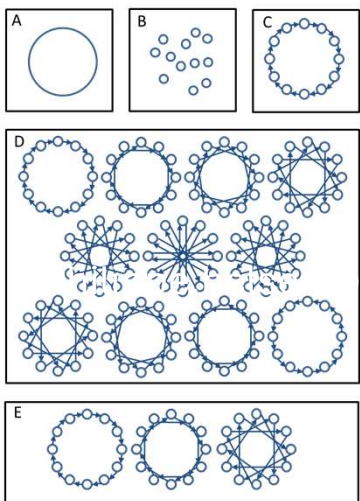




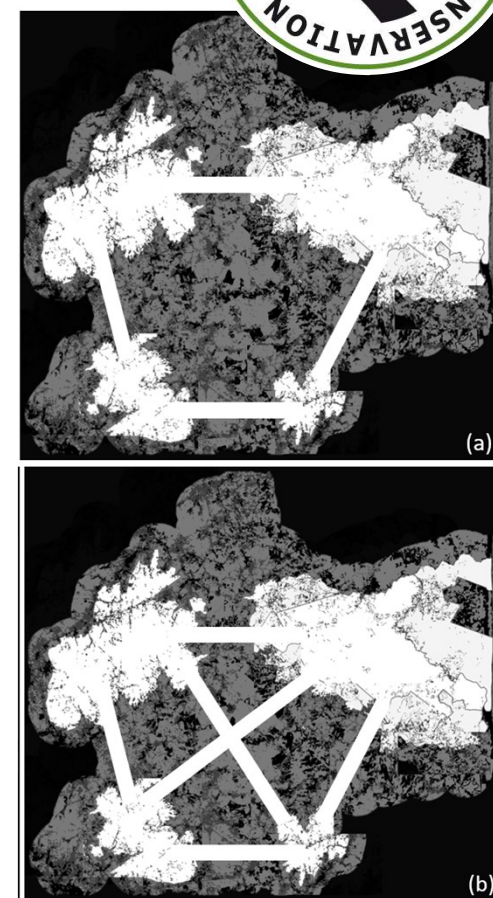
Topic 1: Group management

- mostly modelling – simulations (R – Vortex and SLiM)
- focus is to develop a framework to guide decision making on the best management style to safeguard demographically and genetically healthy populations
- an increasing number of species need this type of management



- can be any species, as long as it lives in (social) groups
- in-situ fragmented populations, or ex-situ breeding

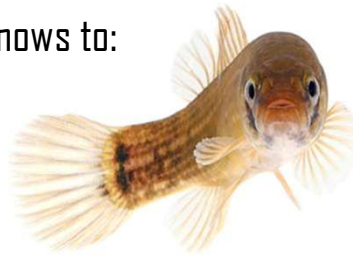
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Topic II: Molecular diet analysis of the exotic and invasive Eastern mudminnow

- Focal area the Zegge
- Both lab work and bio-informatics
- Potential additions – population genomics of the mudminnows to:
 - Genomic make-up of the species
 - Study movement patterns



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Topic III: Conservation genomics projects

- Lab and bio-informatics
- Understand and preserve genetic diversity
- Relatedness within (ex-situ) populations and links with current or ancient levels of GD of natural populations



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