

# Activity 4: Status report on semester project

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## 1 Background

- one paragraph overview, with  $\geq 5$  citations to papers that motivate the research (e.g., Montaña-Centellas et al. 2020)

## 4 Process

- 1–2 paragraphs; narrative describing process
- retrieving raw data sets
- confusions re. methods of original paper
- summary of what have/haven't been able to reproduce
- new analyses or packages learned, with citations to all packages being used

## 10 Reproducible research code

- 11 • code to reproduce results
- 12 • at least two plots or analyses similar to original paper
- 13 • *try to show code from `sem-project/trials.qmd` without copy-pasting*

## 14 Remaining steps and hurdles

- 15 • next steps, concerns
- 16 • plans to tackle above

## 17 References

- 18 Montaña-Centellas, F. A., C. McCain, and B. A. Loiselle. 2020. [Using functional and phyloge-](#)  
19 [netic diversity to infer avian community assembly along elevational gradients](#). *Global Ecology*  
20 *and Biogeography* 29:232–245.