

Science sample task

Results

In this section, you will present the data you collected during your study. Using text, tables, and diagrams, the following should be presented:

- What species of trees did you identify in your quadrat? Discuss the species diversity (richness, distribution, evenness)
- What is the dominance, or total DBH of each species? How does each species rank, in terms of dominance?
- How tall are the trees in your quadrat? Present your *vertical profiles*.
- What is the canopy density? ground cover %?
- What wildlife did you detect in or near your quadrat?
- Present a *map of your quadrat* showing the locations of the trees, as well as other significant features, such as the presence of shrubs and saplings, dead logs, human disturbance, etc.
- What was the average temperature and humidity for the days you were in the field?

Conclusions

Based on the species of trees you identified, what can you say about the habitat of your quadrat? Use your understanding of where these species of trees grow best (dry or wet soils, sun or shade, etc.). How might these trees provide good habitat for the wildlife you detected in your quadrat?

Compare your quadrat to the other two quadrats studied by your class. How is it similar? How is it different? Why do you think these similarities and differences exist?

Appendix