

## Phylogenetics Z620 Grading Rubric

Component	Score	Qualities
<b>Writing</b>		
General writing	3	✓ The report is easy to read and understand. The problem and issues are clear to a lay reader who might be unfamiliar with the specific area.
	2	✓ The report is occasionally confusing. Sometimes the report assumes knowledge that a lay reader is unlikely to possess or just contains a few poorly written passages.
	1	✓ The report is often confusing. The report may have been written for experts in the field or just poorly written.
	0	✓ The report is so confusing that it is not understandable to me.
Thesis	3	✓ The report has a clear thesis and is well-organized to support the thesis (as much as the science will allow).
	2	✓ The report has a clear thesis but has some organizational issues or occasionally goes off on unrelated tangents.
	1	✓ The report has a slightly confusing thesis, has organizational problems, and/or often goes off on tangents.
	0	✓ The report lacks a clear thesis and is not well-organized.
Grammar and spelling	3	✓ There are fewer than 5 grammatical and spelling errors.
	2	✓ There are 5-10 grammatical and spelling errors.
	1	✓ There are 10-20 grammatical and spelling errors
	0	✓ There are more than 20 grammatical and spelling errors.
<b>Analysis</b>		
Method Selection	3	✓ Appropriate and reasonable methods for the analysis were selected and/or appropriate comparisons are being made between phylogenetic methods.
	2	✓ The methods are somewhat iffy for the data or there are minor problems comparing methods that are not mentioned in the report.
	1	✓ The methods are mainly inappropriate for the data or there are major issues comparing the methods that are not discussed in the report.
	0	✓ The methods are wholly inappropriate for the data or the methods cannot be compared.
Analysis	3	✓ The choice of method was applied correctly to the data or the methods being compared are correctly applied or discussed.
	2	✓ There was some small problem applying the methods to the data or some small problem in the discussion of the methods.
	1	✓ There was a major problem applying the methods to the data or major problem in the discussion of the methods.
	0	✓ The method was not applied at all to the data or was discussed in a manner that indicated no understanding of the method.
Interpretation	3	✓ The results of the analysis or comparison were interpreted correctly.
	2	✓ There were minor problems in interpreting the results of the analysis or comparison.
	1	✓ There were major problems in interpreting the results of the analysis or comparison.
	0	✓ The results were not interpreted.

A+: 18	B+: 14	C+: 11	D: 8
A: 16-17	B: 13	C: 10	F: <8
A-: 15	B-: 12	C-: 9	