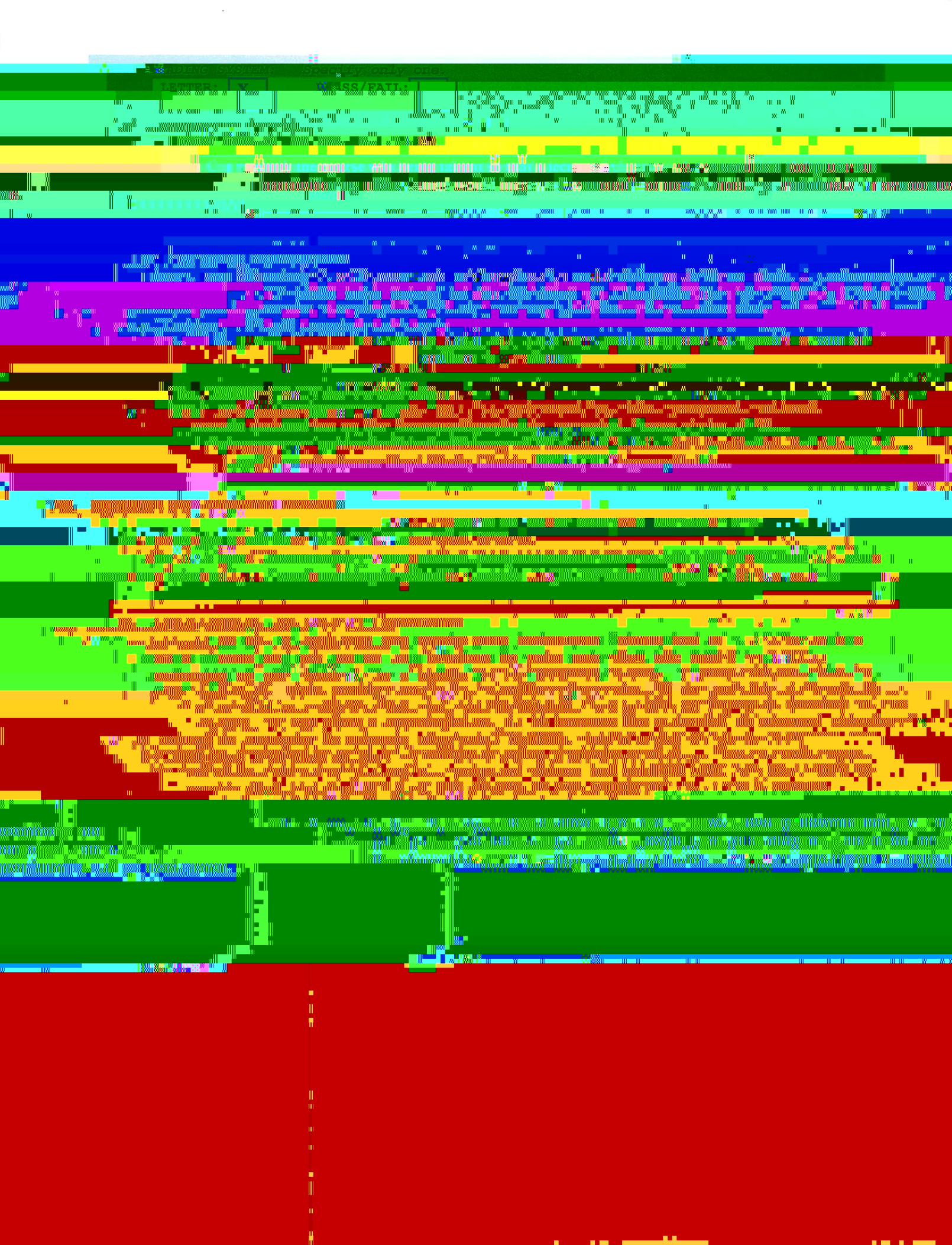




for the 'abbacarduate' core?



APPROVALS:

(Additions)

Signature, Chair

Faculty Senate Review Committee:

Curriculum Review

GAAC

Core Review

SADAC

Sig
Fac

Necessary

protocols as re

Systematics of *Geophila* Birds

2000-2001

© 2001-2002 by the author

Geophila
2000-2001
2001-2002

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2040-2041

2041-2042

2042-2043

Student learning outcomes: Students will learn how to describe a new species using both morphological and molecular methods and will learn the rules of the International Code of Zoological Nomenclature. Students will learn how to estimate the phylogeny of a group of taxa or populations using various marker systems and analytical methods.

Instructional methods: lecture, lab, group discussion of primary literature, preparation

of an project involving a phylogenetic analysis.

Evaluation: The course grade will be based on the following:

Component	Proportion of grade
Lab & take home exercises	25%
Midterm exam	20%
Project	20%
Final exam (cumulative in part)	30%
Participation	5%

A+	96.7 - 100 %	C+	76.7 - 79 %
A	93.4 - 96.6 %	C-	73.4 - 76.6 %

When you plagiarize you are stealing the currency which science (and many other endeavors) uses: knowledge. Plagiarism and cheating are serious offenses that violate the

26(f) lec. 23. Discussion of readings
(tbd) lab. 8. – Model Choice

29(m) lec. 24. MP & ML continued, assessment, tree confidence

2(m) lec. 26. Discussion of readings
(tbd) lab. 9. Lab. bootstrapping, decoupling

5(m) lec. 27. Bayesian Phylogenetic Inference 1
7(w) lec. 28. Bayesian Phylogenetic Inference 2

9(f) lec. 29. Discussion of readings
(tbd) lab. 10. – MrBayes

12(m) lec. 30. Bayesian Inference 3 & Ancestral state reconstruction
14(w) lec. 31. Ancestral state reconstruction 2
16(f) lec. 32. Discussion of readings
(tbd) lab. 11. – work on projects or optional ACSR labs