

Lab Report Evaluation Rubric

Name _____

BIO 2500 General Botany

Fall, 2010

Lab. Sec. (check): Tue Wed Thu

Criterion	Evaluation	Comments	Score
Report Title	__ (2) Title accurately describes focus of the report. __ (1) Title lacks specificity, or is otherwise unsuitable. __ (0) Title not provided.		___ /2
Report Format	__ (3) Meets all specifications: text 2X-spaced, figures and tables in proper location and in specified sequence __ (2) Acceptable: minor deviations from specified format __ (<1) Two or more of the above specifications are not met.		Raw X 2 = ___ /6
Background and Purpose	__ (3) Introduces subject of the study, its value, scientific relevance, your purpose, and your hypothesis(es) __ (2) Slight lack of clarity of one or more aspects (above) __ (1) Two or more components are not clearly presented..		___ /3
Methods	Uses five (5) or fewer sentences to describe approach to accomplish purpose (above). Briefly helps reader to visualize how data were collected (i.e. treatments, random sampling, transects, quadrats); cites reference sources for details. "First person" is preferred over passive voice. __ (3) Clear/complete; __ (2) Lacks some clarity and/or content; __ (<1) Major deficiencies in content and clarity		Raw Score X 2 = ___ /6
Data Analysis and Display	__ (7) Computations correct; figures/tables well laid out, and readable; table columns, chart axes, and curves suitably labeled; correct spelling; table title and figure legend present the subject ("what's here). __ (6) Deficient in one or two of the above __ (<5) Deficient in three or more aspects noted above.		Raw Score X 3 = ___ /21
Results – Decisions on Statistics	__ (3) States "Results" concisely; supports with parenthetic reference to statistics; gives correct verdict on hypothesis. __ (2) Some lack of clarity in expression or statistical logic __ (1) Writing shows major deficiency in ≥ 2 of the above.		___ /3
Results – Conceptual Knowledge	__ (3) Relates "Results" to the "Purpose" of this research; correct application of ecological concepts (e.g. distribution, richness, biodiversity, floristic quality) and other research. __ (2) Weak application to purpose or concept. knowledge __ (1) Writing shows major deficiency in ≥ 1 of the above.		Raw Score X 2 = ___ /6
Grammar in Scientific Context	__ (3) Concise, declarative sentences; good subjects "up front" that emphasize the biological; emphasizes active voice; logical flow; paragraph structure; reference citations __ (2) Lacks ≥ 1 of above. (1) Lacking in ≥ 2 of above.		___ /3
Summary Comments:			
			Total Points = ___ /50