Points	Lab Covered	Due Date	Assessment
2	OpenWetWare Account Set-Up		Did the student open up an account as instructed or communicate effectively during this process?
8	Transect Description		Aerial diagram of the transect (3) List of biotic and abiotic components (3) General description of the transect characteristics (2)
8	Protists and Algae		Description of the Hay Infusion set up and initial observations (3) Indication of where protists samples came from in the Hay Infusion (1) Description of the protist samples from the Hay infusion (including description, documentation, identification) (4) Include pictures of protists identified
8	Microbiology		Serial dilution results table (3) Bacteria characterization table (3) Materials and methods for gram stain, DNA isolation and PCR amplification (2) Include pictures of colony morphology, gram stains and motility studies.
8	Plants and Fungi		Location of plant samples within transect (2)

			Description and images of plants from transect (2) Plant Characterization table (p. 41) (4)
6	Invertebrates		Description of Berlese Funnel set-up (3) Invertebrate description table (p. 48) (3)
8	16S Sequence Analysis		Include sequence information and gel from the microbiology lab (2) Description of how the sequence was used to identify genus species (2) How does the sequence analysis correspond to the colony morphology, gram stain and motility studies? (4)
6	Vertebrate Analysis and Food Web		Identification and documentation of vertebrates in the transect (3) Food web construction (3)
6	Overall organization, readability, neatness, completeness and correct format		Did the student include a header, purpose, materials and methods, data and conclusions for each lab? (2) In addition to the transect analysis, were the thought questions in red text addressed? (2) Was a date included in all lab entries? (2)
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