



BRINGING
ENVIRONMENTAL
UNDERSTANDING TO ALL

May 2013 ecology fieldtrip to Slapton: investigations & write-ups

*You need to complete **three** full write ups (1. limpets, 2. freshwater or succession, and 3. individual investigation) and **one** design. (For second full write up, chose between freshwater and succession if you are a pure Biologist, no choice for Biogeographers, write up MUST be Freshwater.)*

Day	Investigation	Assessment details	Date due
Mon	Rocky shore (via Prawle Point) 1. sampling techniques 2. Adaptations of rocky shore organisms (desiccation, wave action etc) 3. transect study of zonation of selected species 4. investigation into factors effecting limpet morphology (t-test)	1. keep all notes in IA portfolio, no write-up 2. keep all notes in IA portfolio, no write-up 3. keep all notes in IA portfolio, no write-up 4. full write-up (D, DCP, CE)	N/A N/A N/A June 7th
Tue	Woodland and Freshwater 5. freshwater invertebrates in riffles and pools: association of consumer types (Chi squared) and / or species diversity (Simpson Index) 6. leaf litter invertebrates & ground flora: N/S comparison	5. full write-up (D, DCP, CE) 6. keep all notes in IA portfolio, no write-up	August 30th N/A
Wed	Succession studies (Slapton Sands/Shingle ridge) 7. Succession on the shingle ridge (kite diagrams) 8. Abiotic conditions across the shingle ridge: correlation (Spearman's)	7. full write-up (D, DCP, CE) <u>Biologists only</u> 8. keep all notes in IA portfolio, no write-up	August 30th N/A
Thu	Individual investigations woodland / fresh water / shingle ridge 9. Woodland / fresh water / shingle ridge individual investigation 1 10. Woodland / fresh water / shingle ridge individual investigation 2: design	9. full write-up (D, DCP, CE) 10. full write-up (D only)	September 30th October 7th