**Northeast Algal Society Phycology Lab Manual - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(title)**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(author) - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(affiliation)**

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| **Learning Objective** | **Material Exposure/Teaching Strategy** | **Assessment** |
| By the end of this lab, students should be able to identify the major form-functional groups | 1. Read Steneck & Dethier (1994)  2. Class discussion on paper  3. Working definitions of terminology from pre-lab concept check  4. Instructor lead ‘key’ out of collected macroalgae  5. Student team assign form-fxn groups | 1. Pre-lab concept check on form-fxnl group terminology  2. Research paper discussion questions  3. Practical ‘quiz’ on assigning form-fxnl groups to collected specimens  4. Exam question using specimen not collected on trip but having characteristics similar to some collected |
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**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(author) - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(affiliation)**

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| **Learning Objective** | **Material Exposure/Teaching Strategy** | **Assessment** |
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