

## **Marine Primary Producers Group Work – Assignment 1**

### **Slides:**

- 3 Slides
- 3-4 minute presentation in Class (Alarm will sound and you'll be done)
- Every group member should help present

### **Brief Text:**

- Should answer all of the questions for your primary producer.
- Must be fully referenced - include references in text and a list of references at the end.
- Must include brief description of how each group member participated.

### **Due :**

- Slides emailed to Wally by midnight 2/14 (ppt)
- Text for each slide emailed to Wally by 2/14 (word document, 12 font, double spaced)
- *Both slides and text will be posted on our website*

### **Topics and Groups:**

1. **Diatoms** – what are my general characteristics (e.g., size, shapes, what am I made of?, etc.); what are common species in the North Atlantic? North Pacific? How much of the ocean primary productivity do I account for? What eats me (i.e., what food webs do I support?). Why am I important?

*Group:* Olivia Aswad, Isabela Trumble, Laura DiRoberts

2. **Coccolithophores** – what are my general characteristics (e.g., size, shapes, what am I made of?, etc.); what are common species in the ocean? Where am I found the most? How much of the ocean primary productivity do I account for? What eats me (i.e., what food webs do I support?). Why am I important?

*Group:* Olivia Calabrese, Nicole Velandia, Mary Liesegang

3. **Synechococcus and Prochlorococcus (cyanobacteria)** – what are my general characteristics (e.g., size, shapes, what am I made of?, etc.); Where am I found? How much of the ocean primary productivity do I account for? What eats me (i.e., what food webs do I support?). Why am I important?

*Group:* Emma Chamberlain, John Sullivan, Hayley Goss

4. **Dinoflagellates** - what are my general characteristics (e.g., size, shapes, what am I made of?, etc.); Where am I found? How much of the ocean primary productivity do I account for? What eats me (i.e., what food webs do I support?). Why am I important?

*Group:* Claudia Mazur, Xiaohui Zhu

5. **Kelp** - what are my general characteristics (e.g., size, shapes, what am I made of?, etc.); Where am I found? How much of the ocean primary productivity do I account for? What eats me (i.e., what food webs do I support?). Why am I important?

*Group:* Andonie Chavez, Siobhan Sheehan, Sandy Dumar

6. **Seagrass** - what are my general characteristics (e.g., size, shapes, what am I made of?, etc.); Where am I found? How much of the ocean primary productivity do I account for? What eats me (i.e., what food webs do I support?). Why am I important?

*Group:* Beatrice Cheung, Saloni Shah, Mackenzie Knox

7. **Saltmarsh** - what are my general characteristics (e.g., size, shapes, what am I made of?, etc.); Where am I found? How much of the ocean primary productivity do I account for? What eats me (i.e., what food webs do I support?). Why am I important?

*Group:* Grace Chu, Christopher Reyes, Amy Green

8. **Mangrove**- what are my general characteristics (e.g., size, shapes, what am I made of?, etc.); Where am I found? How much of the ocean primary productivity do I account for? What eats me (i.e., what food webs do I support?). Why am I important?

*Group:* Nicolas Colletier, Ena Miculinic, Ellen Laaker

9. **Trichodesmium** - what are my general characteristics (e.g., size, shapes, what am I made of?, etc.); Where am I found? How much of the ocean primary productivity do I account for? What eats me (i.e., what food webs do I support?). Why am I important?

*Group:* Kendal McPherson, Alia Al-Haj

10. **Nano- and Picoeukaryotes** - what are my general characteristics (e.g., size, shapes, what am I made of?, etc.); Where am I found? How much of the ocean primary productivity do I account for? What eats me (i.e., what food webs do I support?). Why am I important?

*Group:* Gretchen McCarthy, Roseline Ewa, Elena Forchielli

11. **Sargassum** - what are my general characteristics (e.g., size, shapes, what am I made of?, etc.); Where am I found? How much of the ocean primary productivity do I account for? What eats me (i.e., what food webs do I support?). Why am I important?

*Group:* Katherine Galeas Veliz, Shuhui Liu, Yuhua Situ