

## Protists Section 2.13

- The kingdom Protista is like a \_\_\_\_\_.
- The members of these phyla differ greatly in \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_

### Common features of all protists:

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### Plant-like Protists: Algae

- \_\_\_\_\_ in this group since it includes many aquatic eukaryotes.
- Some common features with \_\_\_\_\_: \_\_\_\_\_, \_\_\_\_\_ (contain chlorophyll), so they carry out photosynthesis.
- All are \_\_\_\_\_, most are \_\_\_\_\_
- Most are \_\_\_\_\_ and \_\_\_\_\_
- can range from single cells to giant colonies - seaweeds (eg. Kelp – a brown seaweed)

### Importance of Algae:

- ✓ primary food producers \_\_\_\_\_
- ✓ supply 80% of global supply of \_\_\_\_\_
- ✓ consumed as food and an excellent source of \_\_\_\_\_ & \_\_\_\_\_
- ✓ used as \_\_\_\_\_
- ✓ agar is used in the production of \_\_\_\_\_
- ✓ and carrageenan is used in \_\_\_\_\_
- ✓ over millions of years algae can be transformed into \_\_\_\_\_

### Animal-like Protists: Protozoans

- All protozoans are \_\_\_\_\_ and must \_\_\_\_\_ to obtain food.  
Some \_\_\_\_\_, others \_\_\_\_\_

- List and explain 3 examples of protozoans given on pages 130 and 131

### Pathogenic Protozoans:

- ✓ Best known sporozoans are \_\_\_\_\_.
- ✓ Many people may not present symptoms of a disease but be a \_\_\_\_\_ and spread it to others

### Fungi-like Protists:

- Are also referred to as \_\_\_\_\_
- Often have a slimy appearance/texture, hence their name.
- 3 types: (see page 132)
  - **Plasmodial slime molds** act as \_\_\_\_\_ organisms
  - **Cellular slime molds** –will form large \_\_\_\_\_ of cellular slime when conditions are \_\_\_\_\_.
  - **Water molds** – live on dead organic matter as \_\_\_\_\_

### Overall importance of Protists

List 4 important factors about protists

- ✓
- ✓
- ✓
- ✓

*Answer questions: 2, 3, 8, 10, 11, page 133*