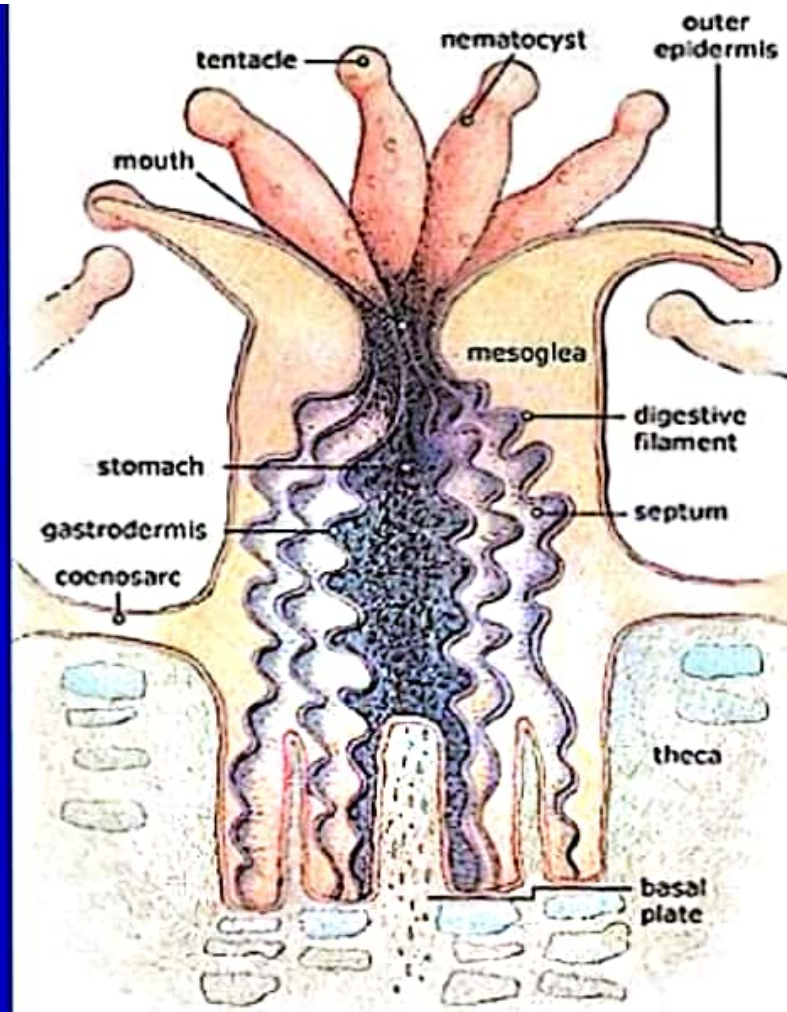
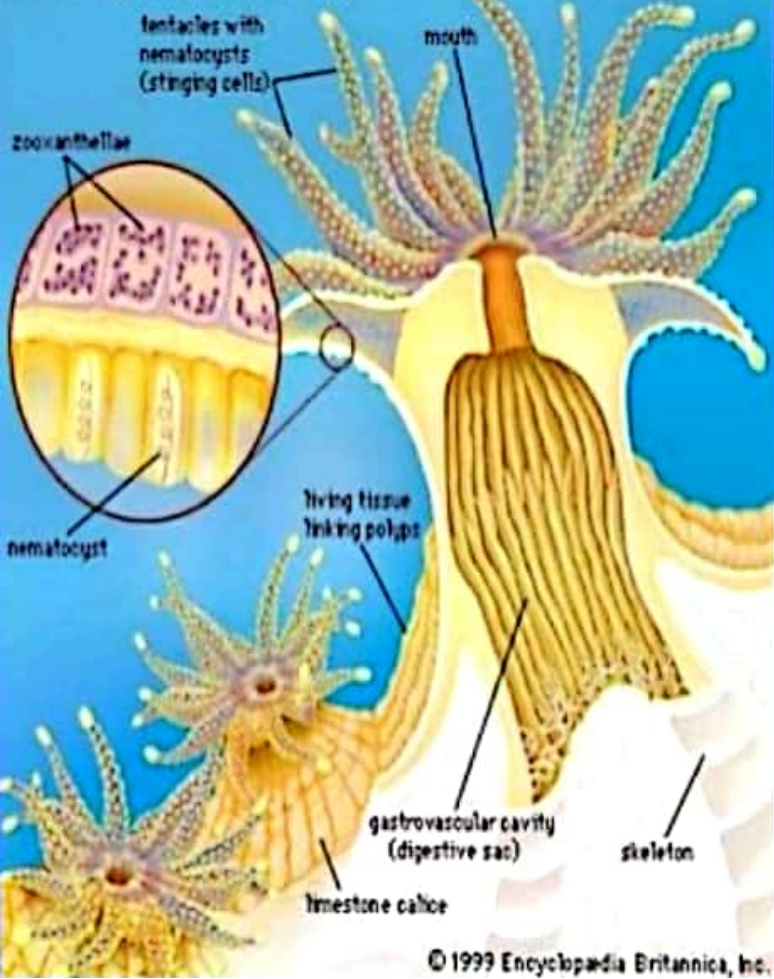


# Introduction to Coral Reef

- **Important Facts**

- Corals are in fact animals, even though they may exhibit some of the characteristics of plants and are often mistaken for rocks.
- French biologist J.A. de Peysonell concluded they were animals in 1753
- Get as much as 90 percent of their energy from the organic byproducts of photosynthesis.
- Also capture and consume live prey using their tentacles(Night)

# Anatomy of a Coral Polyp



- Fringing

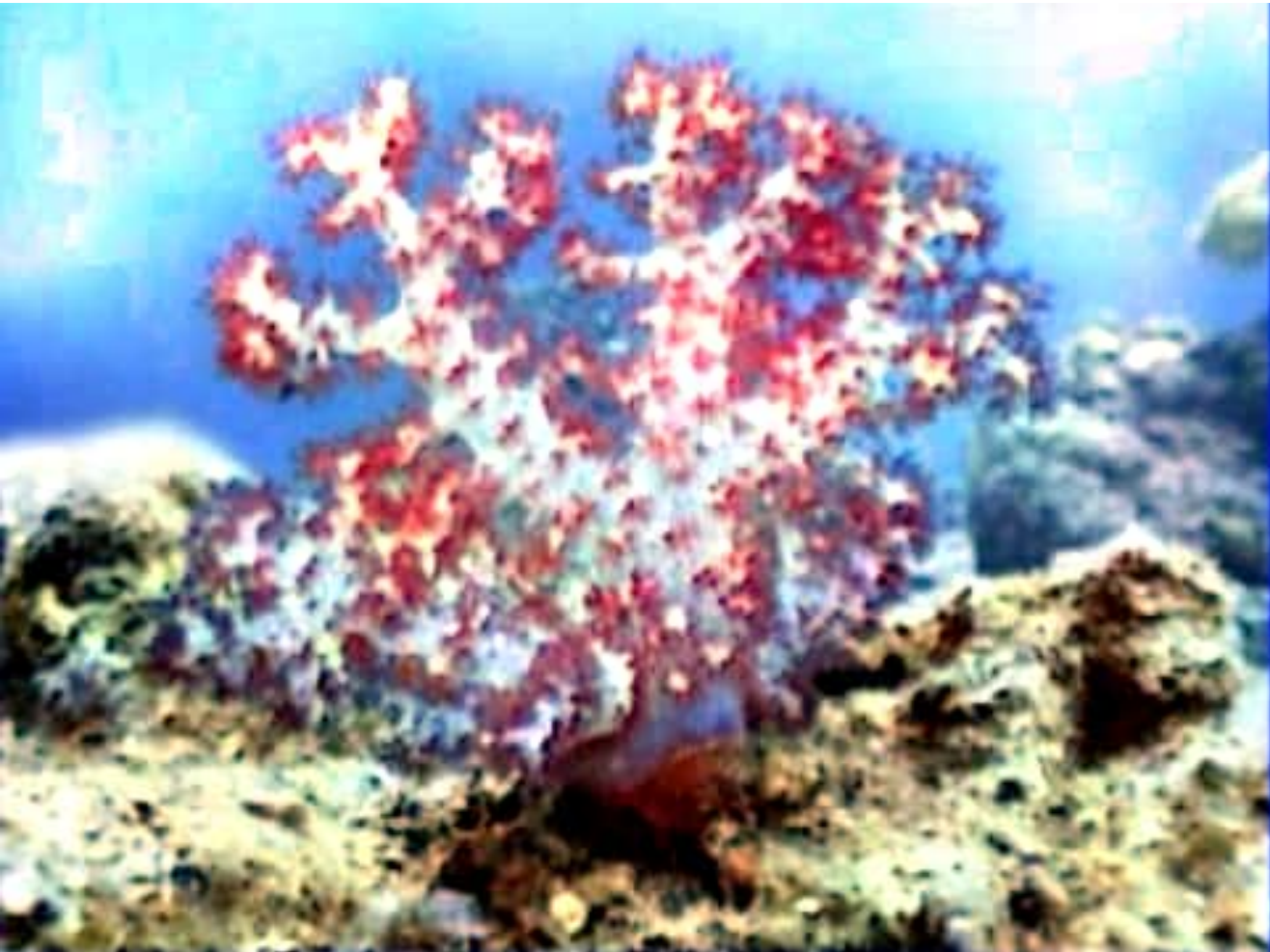
- Barrier

- Atolls



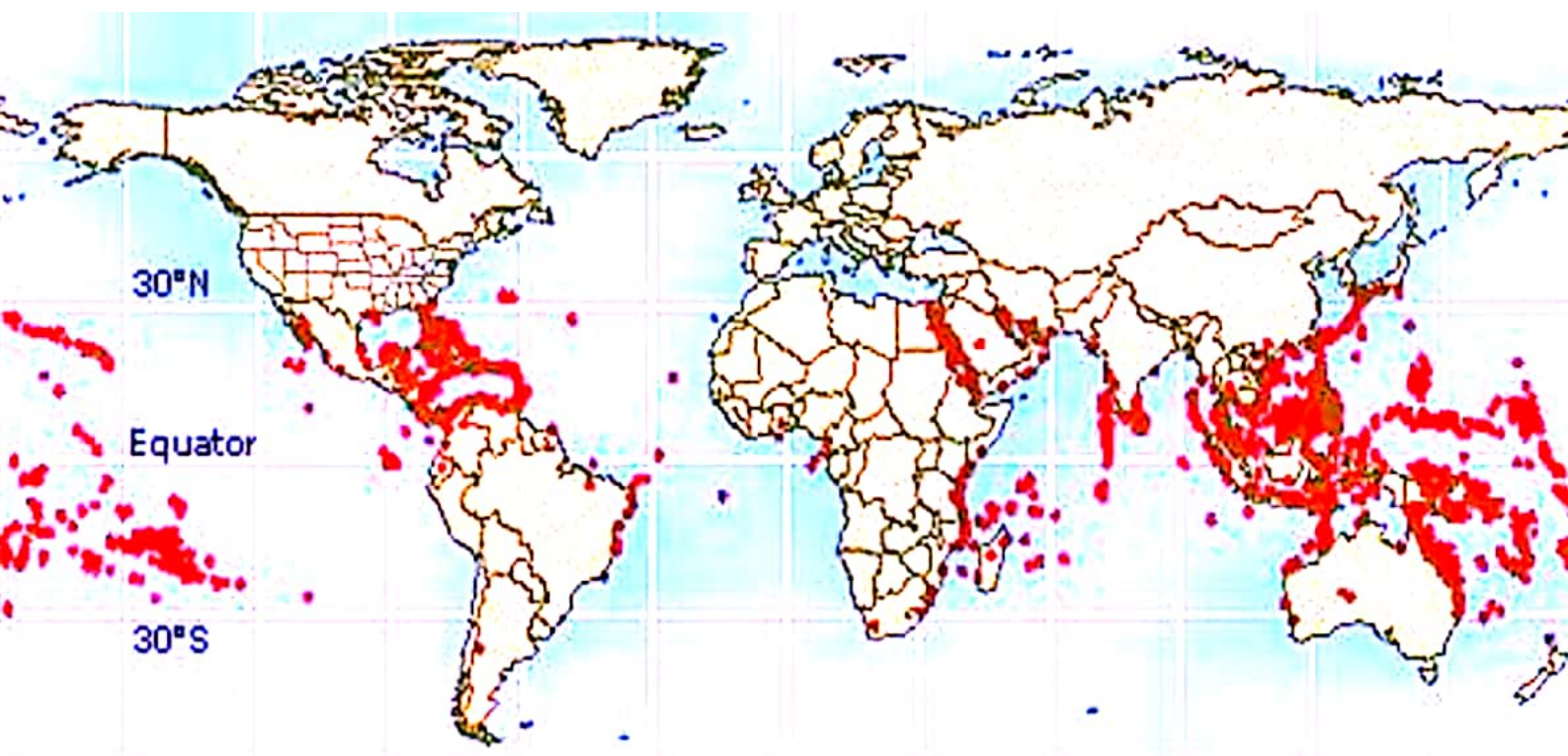
# Types of Coral Reefs

- **1,500 species of reef-building corals**
- **Great number of types of Coral Reef**
  - **Star Coral Reef**
  - **Hat Coral Reef**
  - **Tree Coral Reef**
  - **Brain Coral Reef**
  - **Patchy Coral Reef, etc**

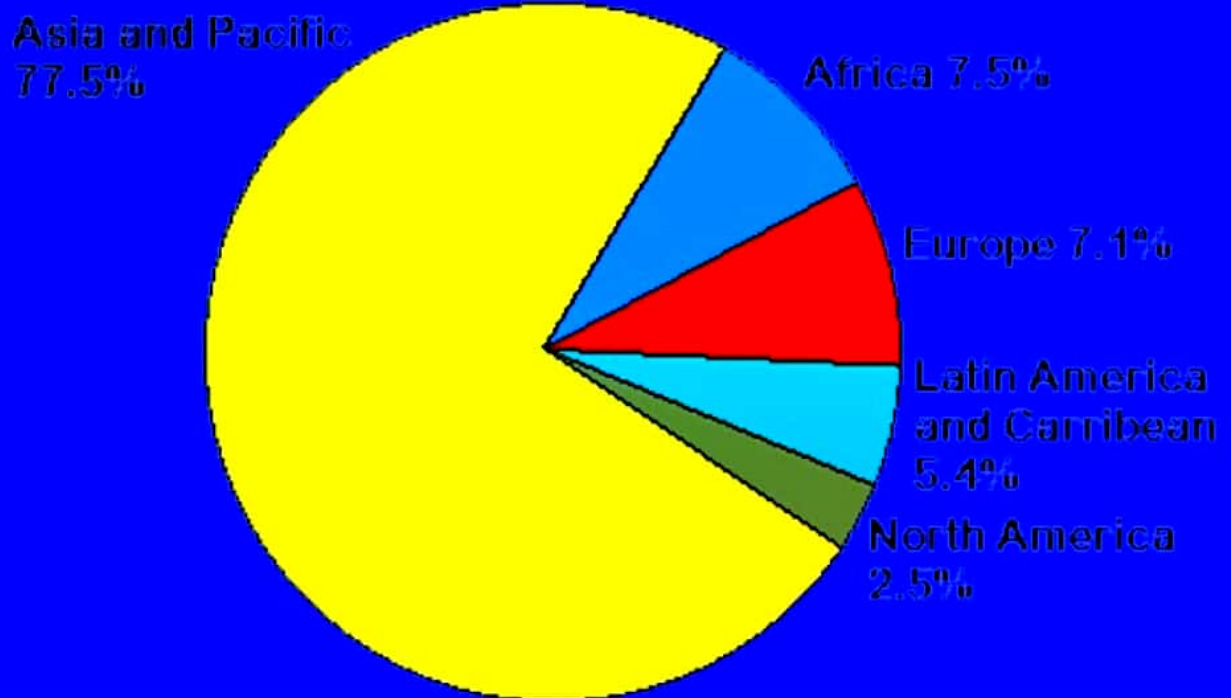


# Where you can find the Coral Reef

- Corals are found throughout the oceans, from deep, cold waters to shallow, tropical waters. Based on current estimates
- Occupy approximately 284,300 square kilometers
- Grow best in warm water (70–85° F or 21–29° C).
- From 30° N to 30° S



# Distribution

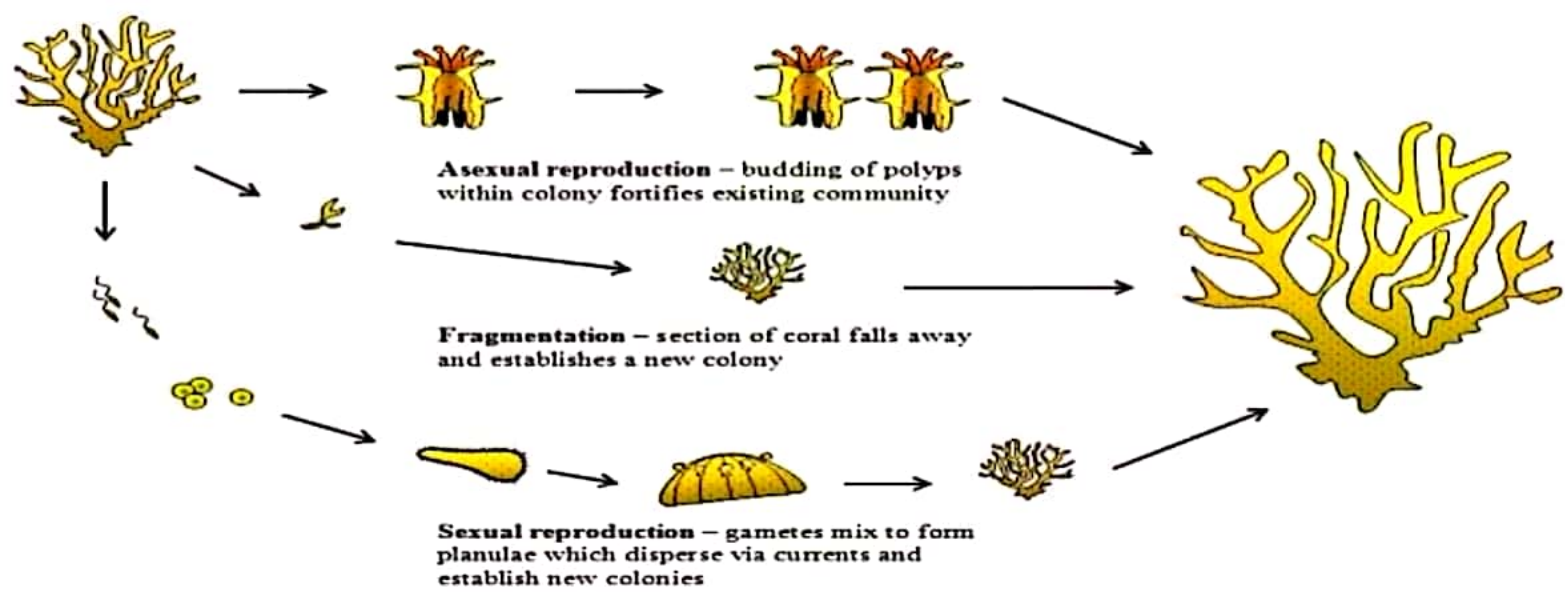


Distribution of coral reefs



# Threats to Coral Reef

- Climate Change
- Pollution



# Importance of Coral Reef

- Biodiversity
- Coastal Protection
- Medicine
- Tourism