

The left side of the slide features a decorative design consisting of several vertical bars of varying shades of green and a cluster of five solid green circles of different sizes arranged in a vertical, slightly curved pattern.

# **AQUATIC PLANTS 2**

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# IMPORTANCE OF AQUATIC PLANTS

- They form the first link of the food chain (primary production)
- They provide oxygen to the water environment as a result of photosynthesis
- They are food for vertebrates and invertebrates
- They provide shelter for eggs and larvae of fish and other aquatic organisms
- They are shelters for fish and other organisms
- They are consumed directly as human food
- They are used as fertilizer
- They are used as animal feed
- Especially red and brown algae are used in many branches of industry.



# DISADVANTAGES OF WATER PLANTS

- When they reproduce excessively, they cause an increase in organic matter in the water as a result of their death and decay,
- They consume oxygen when they break down and cause the oxygen to decrease,
- They have a toxic effect on fish and other aquatic organisms with their direct release substances,



# DISADVANTAGES OF WATER PLANTS

- By covering the water surface, they reduce the light and limit photosynthesis,
- Aquatic plants growing in inland waters create problems in irrigation channels, drinking water resources and agriculture.



# TAXONOMY AND DISTRIBUTION



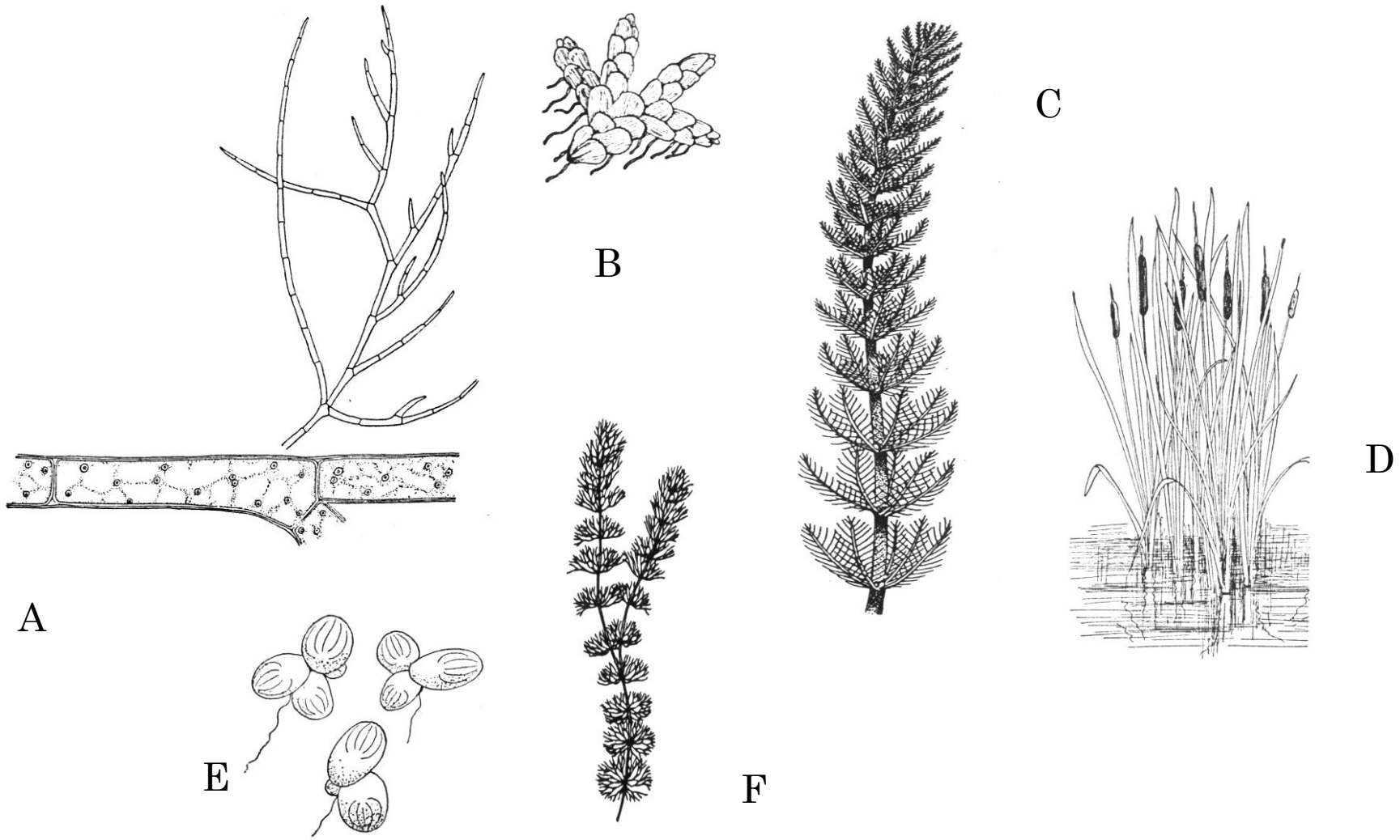


Figure 1. Some aquatic plants A. *Cladophora* B. *Azolla* C. *Myriophyllum* D. *Typha* E. *Lemna* F. *Ceratophyllum*