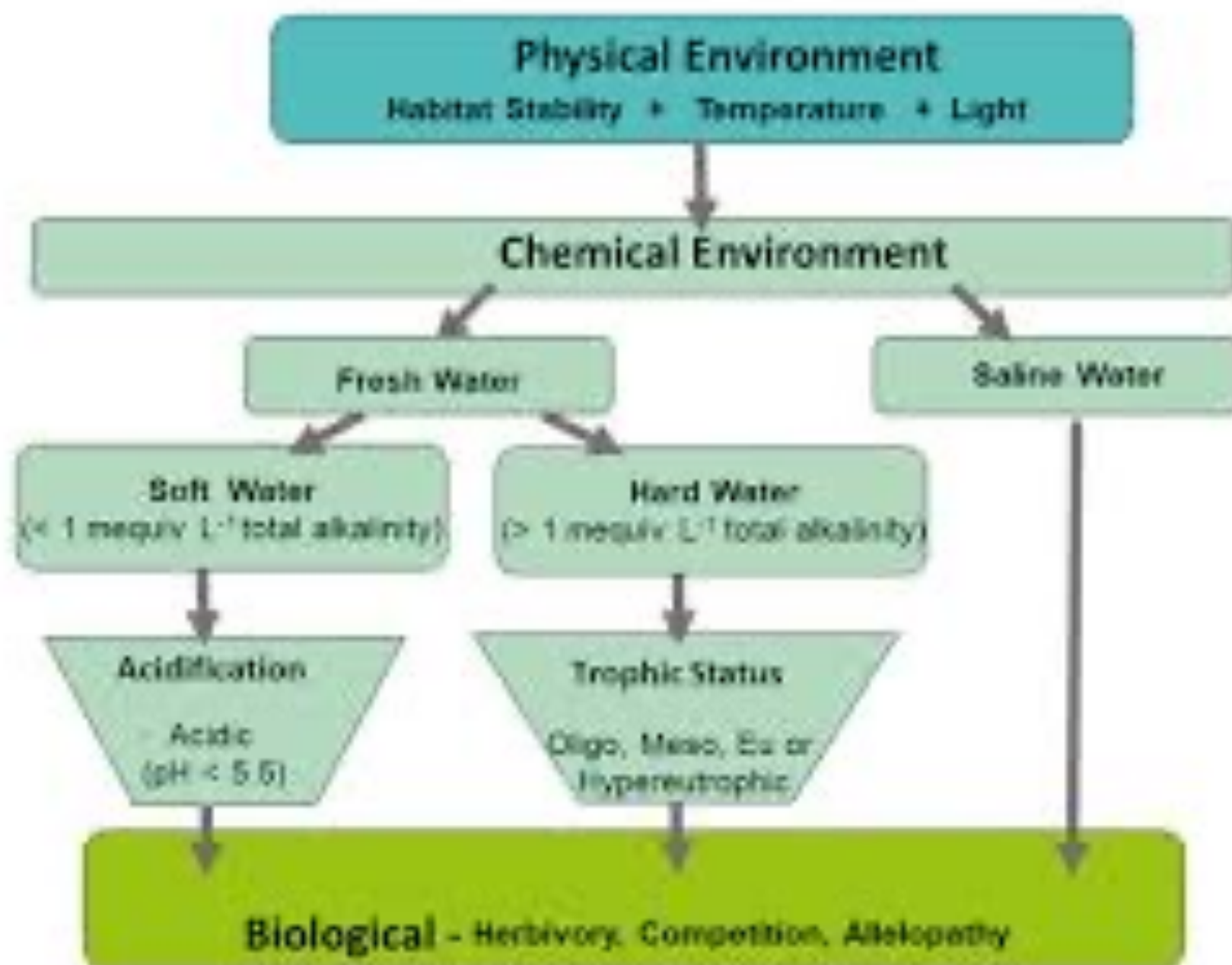


AQUATIC PLANTS

Dr. F. Sertel SEÇER

- 1st Week Classification of aquatic plants, economic importance, beneficial and harmful effects for aquatic environment
- 2nd Week Chlorophyceae class macroalgae and their characteristics
- 3rd Week Macroalgae of the class Phaeophyceae and their characteristics
- 4th Week Macroalgae of the class Rhodophyceae and their characteristics
- 5th Week Charales order of flowerless aquatic plants and their characteristics
- 6th Week True mosses and liverworts Lycopsidea, Sphenopsida and Pteropsida
- 7th Week Angiosperms; Monocotyledonous and dicotyledonous aquatic plants -
Reproduction in aquatic plants
- **8th Week Chemical structure of freshwater plants Chemical structure of marine plants**
- 9th Week Production of edible freshwater plants Production of edible marine macroalgous
Porphyra and Undaria
- 10th Week Animal feed production from marine macroalgae
- 11th Week Evaluation of marine macroalgae as fertiliser
- 12th Week Agar production from red macroalgae Distribution of aquatic plants
- 13th Week Flour production from marine plants
- 14th Week Utilisation of aquatic plants in wastewater treatment: the example of duckweed

Factors Controlling Freshwater Plant Abundance and Composition



Three combined plant systems



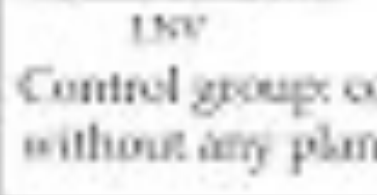
LNM group:
Lythraceae, Nymphaea and Myriophyllum;



LNH group:
Lythraceae, Nymphaea and Hydrilla verticillata;



LNV group:
Lythraceae, Nymphaea and Vallisneria;

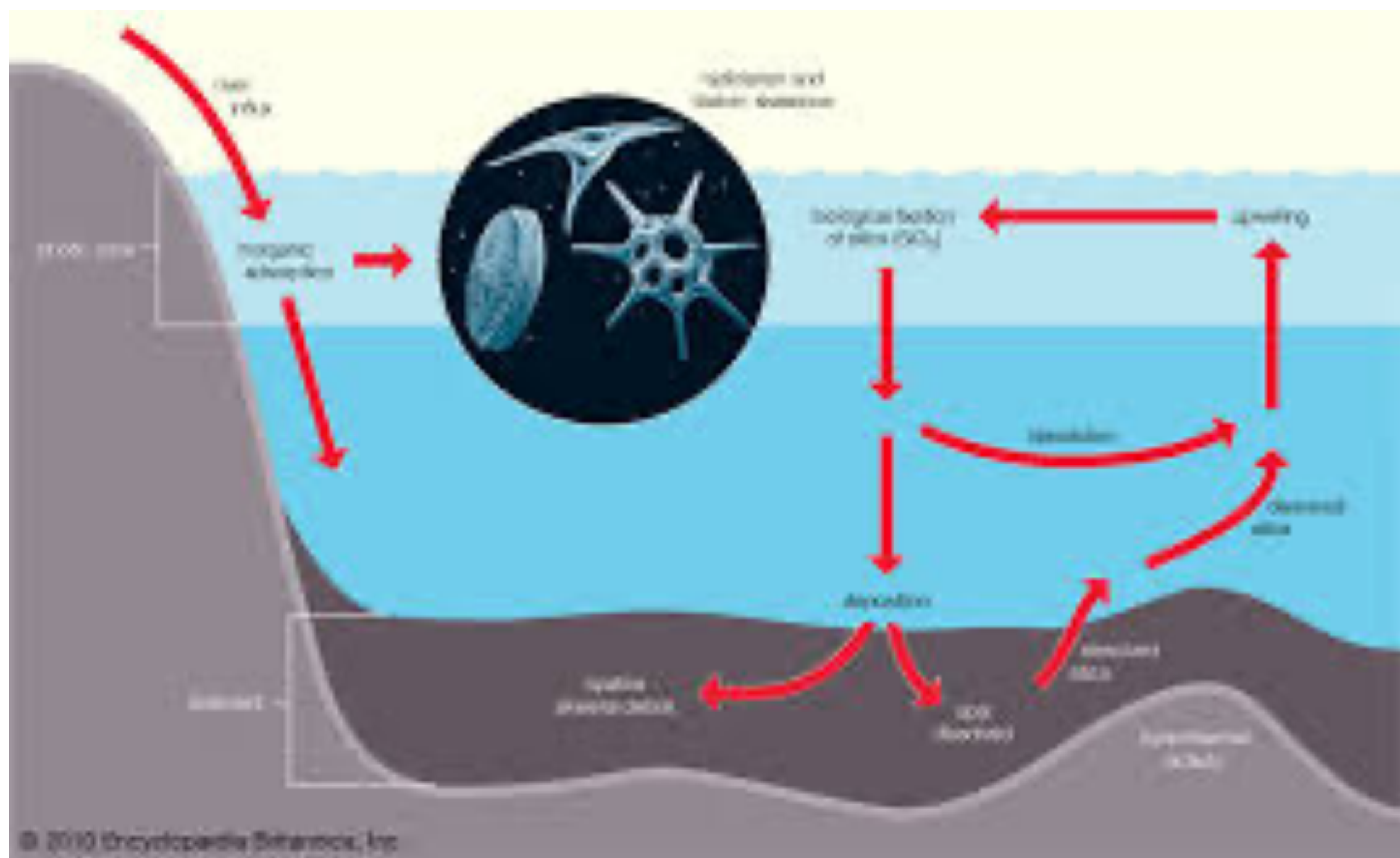


Control group: contained only sediment and culture water without any plants.

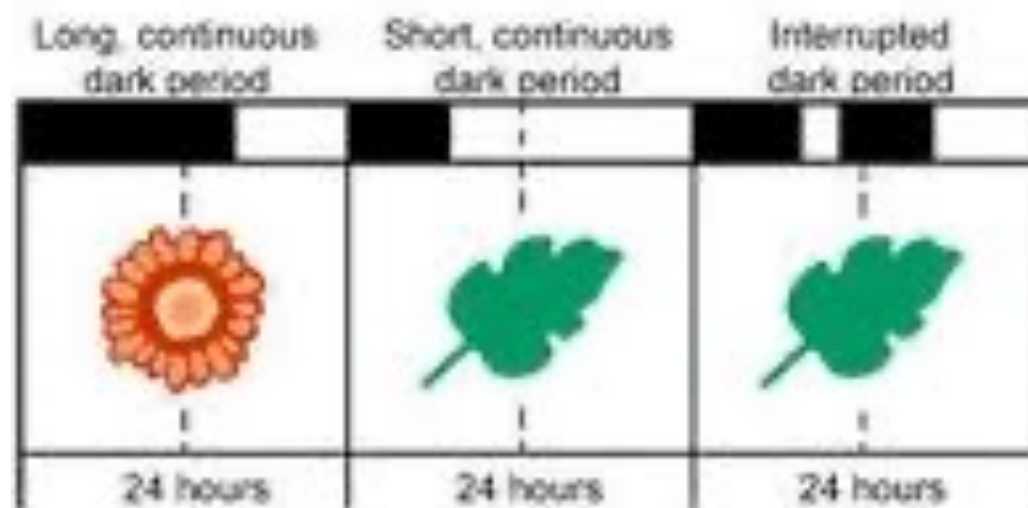


Simulated
contaminated
water (35 cm)

A layer of
sediment
(60 mm)



Short-day (long-night) plants



Long-day (short-night) plants

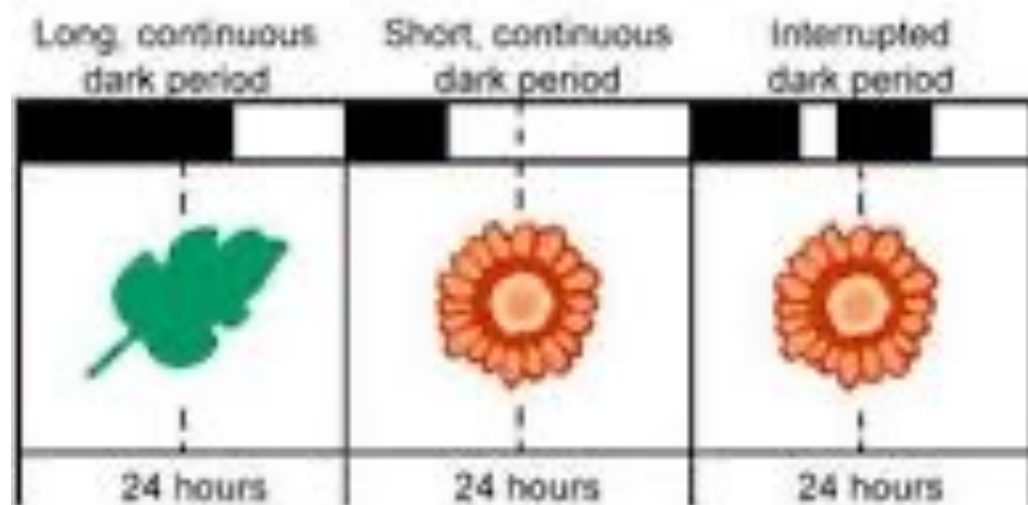


Figure 20. Periodicity of plants