



METADATA

Title: Plant Ecophysiology Practical

Other Titles: Study of interactions of plant physiology with the abiotic environment, in combination with plant biodiversity and conservation

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Abstract

Plant Ecophysiology deals with the environmental physiology of plants. Plant Ecophysiology studies the interaction of plant functions with the environment, and the adaptive mechanisms of higher plants in the biotic and abiotic environment, regarding their establishment, growth, reproduction and distribution. The study at various levels of organization, combines observation, measurements and collection of material in situ and research in the laboratory. In a changing world, the interest in plants

is linked to the ability of a plant to respond to adverse environmental conditions, such as prolonged drought in Mediterranean Basin. The contents of the book are: measurements of ambient temperature, humidity and light intensity, processing meteorological data using an ombre-thermal diagram, the effect of water stress and the pH of the nutrient solution on the growth of seedlings, the mechanisms of post-fire plant regeneration. Also, detailed information about the metric system is given.

