

RENATA BĄCZEK-KWINTA

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ROOTS-BRUSHES, LEAVES AT ATTENTION, ECHOLOCATION – HOW THE ANATOMICAL ARRANGEMENT ALLOWS PLANTS TO ADAPT TO THE ENVIRONMENT

Summary

Over 500 million years of their existence on Earth plants have developed a huge number of adaptations including, among others, their morphology. These adaptations allow them to survive in harsh conditions such as scarcity or excess of water, deficiency of nutrients, toxic elements, extreme temperatures and illumination. The others are effective in the case of pollination or seed dispersal by wind, water and animals. Some of them may, however, threaten the stability of ecosystems, which becomes a serious problem due to globalization, facilitating the spread of alien species..