

NOVEMBER 23

**LEAF - LEARN
BIODIVERSITY THROUGH
ENVIRONMENTAL ACTION
FOR COMMUNITY**



Transnational meeting

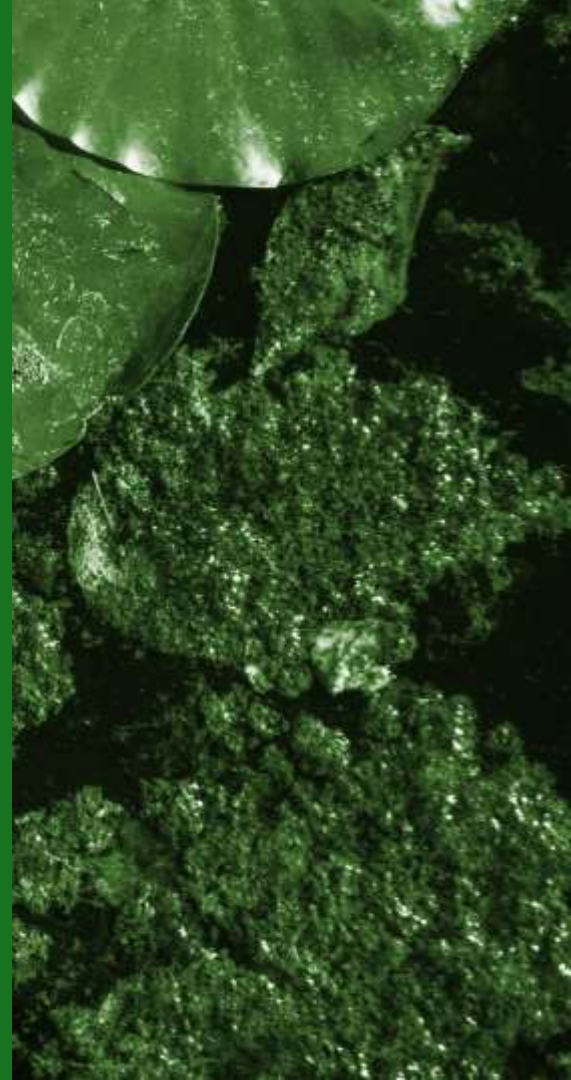
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An aerial photograph of a dense, lush green forest. The canopy is thick and textured, with varying shades of green. The text is centered over the image.

01

INTRODUCTION



INTRODUCTION of all 6 modules

This handbook was created as a unification of the joint forces of six countries gathered with the same goal, to point out the importance of plant biodiversity as the key to sustaining life on earth.

COMPETENCE FRAMEWORK

- **Critical Thinking:**
- **Laboratory Skills:**
- **Environmental Awareness:**
- **Research Skills:**
- **Problem-Solving:**
- **Teamwork and Collaboration:**
- **Lifelong Learning:**
- **Ethical Awareness:**



INTRODUCTION - MOTIVATION FOR READERS

In this handbook we will explore the amazing world of aquatic biodiversity and the ways to preserve it, with special emphasis on plant biodiversity.

Dive into the depths of aquatic biodiversity as we unravel the intricate webs of life thriving in oceans, lakes, rivers, and wetlands.

Discover the array of plants that contribute to the balance and stability of these aquatic environments, forming the very foundation of their sustenance and prosperity.





Prepare to dive into
the depths of
aquatic ecosystems.

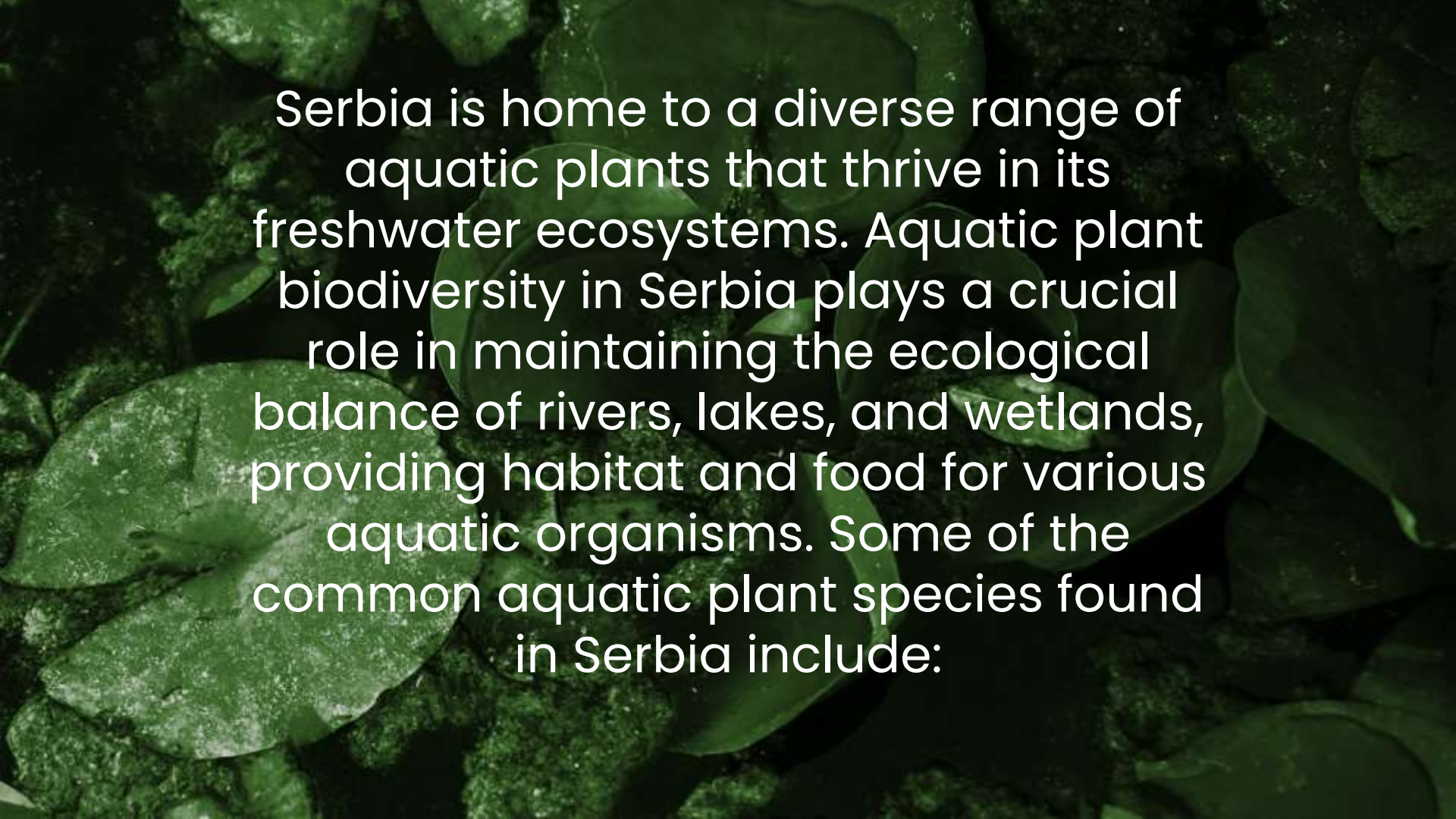
CONSEQUENCES



**Aquatic
Biodiversity
worldwide**



**Local
biodiversity -
Serbia**

The background of the slide is a close-up photograph of various green aquatic plants. The plants have different leaf shapes, including broad, rounded leaves and smaller, more delicate ones. The lighting is somewhat dim, highlighting the vibrant green color of the foliage.

Serbia is home to a diverse range of aquatic plants that thrive in its freshwater ecosystems. Aquatic plant biodiversity in Serbia plays a crucial role in maintaining the ecological balance of rivers, lakes, and wetlands, providing habitat and food for various aquatic organisms. Some of the common aquatic plant species found in Serbia include:



Water lilies –
Nymphaea



Reed (*Phragmites
australis*)



Watermilfoil –
Myriophyllum



- **Preservation of aquatic biodiversity worldwide VS in Serbia**

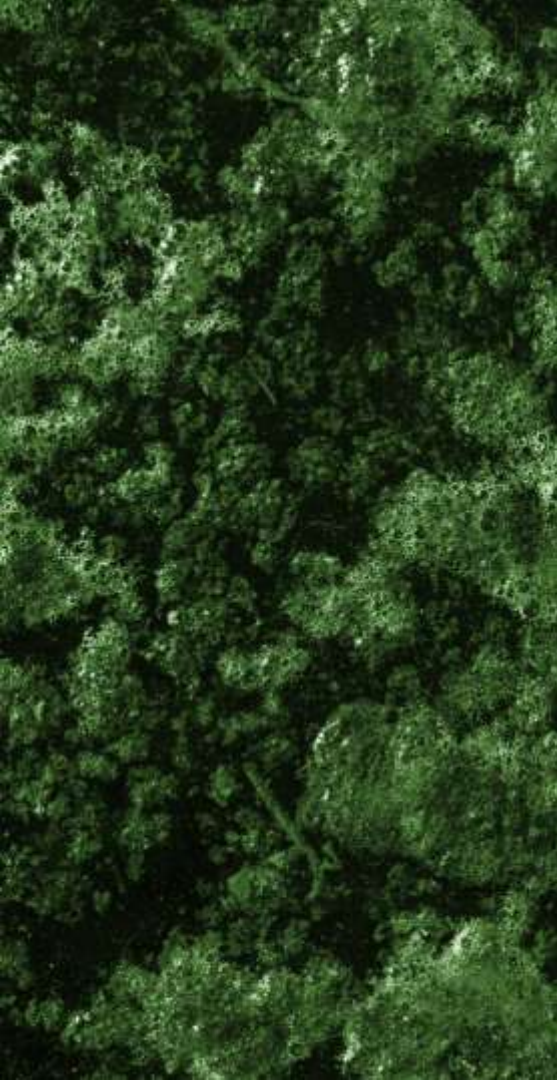
- **Economic aspects of aquatic biodiversity worldwide VS in Serbia**

A dark green, monochromatic photograph of a pond. The water is covered with numerous lily pads. In the foreground, a wooden dock with two vertical posts is visible on the left side. The overall scene is dimly lit, creating a moody atmosphere.

THEORY

AQUATIC PLANTS



An aerial photograph of a dense, lush green forest, showing a complex network of tree canopies and some lighter-colored patches, possibly representing different tree species or forest structure. The image is positioned on the left side of the slide, partially overlapping the green background.

Dangers to aquatic ecosystems and biodiversity

Aquatic ecosystems face numerous threats that directly impact aquatic biodiversity, leading to ecological and environmental consequences. These threats arise from anthropogenic activities and natural factors, collectively contributing to the degradation and destruction of aquatic ecosystems. Understanding these challenges is crucial for devising effective conservation strategies and promoting sustainable practices to preserve the intricate balance of aquatic biodiversity.

Dangers to aquatic ecosystems and biodiversity



WE LAB

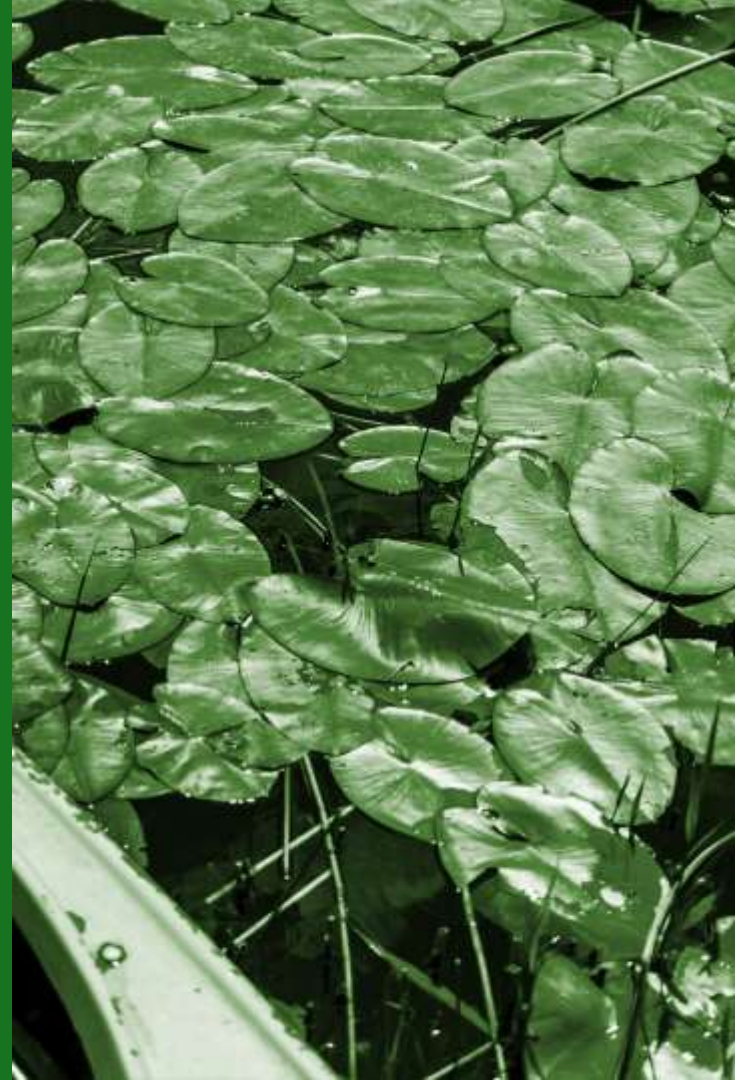


WE LAB

WE-LAB is supported by a **digital application** developed for all kinds of **mobile devices**. WE-LAB is easily approachable by students, compared to a traditional lab, because is used through it mobile devices



PUT INTO PRACTICE



10 WeLab

kit exercise



THANKS!

Do you have any questions?

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**,
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WETLANDS BENEFITS

WILDLIFE

Mercury is the smallest planet

TOURISM

Neptune is far away from Earth

COAST

Mars is a very cold place, not hot



FISHERIES

Saturn is a gas giant with several rings

WATER

Jupiter is the biggest planet of them all

WETLANDS & WATER

You can replace the image on the screen with your own work. Just right-click on it and select “Replace image”



ALTERNATIVE RESOURCES

Here's an assortment of alternative resources whose style fits the one of this template:

PHOTOS:

- Ducks swimming in lake top view
- Close-up of boat with green lily pads floating on pond
- Long shot of green pasture with water stream
- Boats by the edge of lake in park
- Ducks on a pond
- Raindrop impact on rippling water surface
- Forest near a river landscape

RESOURCES

Did you like the resources on this template? Get them for free at our other websites:

PHOTOS:

- Green grass growing near the lake
- Water lily leaves in pond
- Lily pads floating on pond near the pier
- Water lily leaves on dirty water
- Mud on water surface
- Close-up of reeds near the water
- Close-up of pond in pasture

