Underwater forests we need to protect

Real underwater forests, the meadows of Posidonia (*Posidonia oceanica*), provide habitat, breeding and nursery grounds for many species. Moreover, they are important food source. Their exceptional importance is in maintaining coastal equilibrium by stabilizing the sea bottom, reducing beach erosion and producing up to 14 liters of oxygen per square meter per day.

Posidonia is a flowering plant, not an alga (algae do not have flowers and fruit). It grows very slowly (1 cm / year) and is endemic to the Mediterranean Sea. It is very fragile and endangered. For these reasons, it is a **legally protected species**.

The role of Posidonia meadows in maintaining the balance of the marine environment is immeasurable. Therefore they are classified as a priority habitat within European ecological network Natura 2000.

Anchoring in Posidonia meadows is NOT SAFE!

Anchoring has a strong negative impact on the Posidonia meadows. It tears the Posidonia roots and stems at an average of 34 bundles of rhizomes per anchor (where each rhizome has about 5 leaves). The regeneration of the meadows is too slow to compensate for this damage.

In addition, mooring in Posidonia meadows is inefficient and unsafe! At the smallest traction, the anchor tears the shoots and at the same time slips on the Posidonia leaves thus causing the damage to the meadows. Therefore please choose sandy areas for mooring (The anchor size has to suit the size of the boat).

Practices we have to acquire

Improper anchoring, discharged bilge water, littering, noise, speed boats and various human activities is very harmful to the natural environment. It is necessary that each individual takes responsibility for their actions in order to prevent irreparable damage.

- When anchoring, use techniques and materials that reduce the negative impact.
- Equip the vessel with a system for retention of bilge water.
- Respect the fishing regulations.
- Dispose waste in ports and not in the sea.











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