

Lepidochronological analysis of the seagrass *Posidonia oceanica* (L.) Delile: a standardized approach

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ABSTRACT

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Leaf sheaths (scales) in the seagrass *Posidonia oceanica* (L.) Delile can persist for millennia within a “matte”, and they show cyclic variations in their thickness along the rhizome. Recent research has shown that these cycles are annual and may be changed by environmental parameters such as light, temperature or water movement. By analogy with dendrochronology, the study of cyclic changes in *P. oceanica* has been termed lepidochronology.