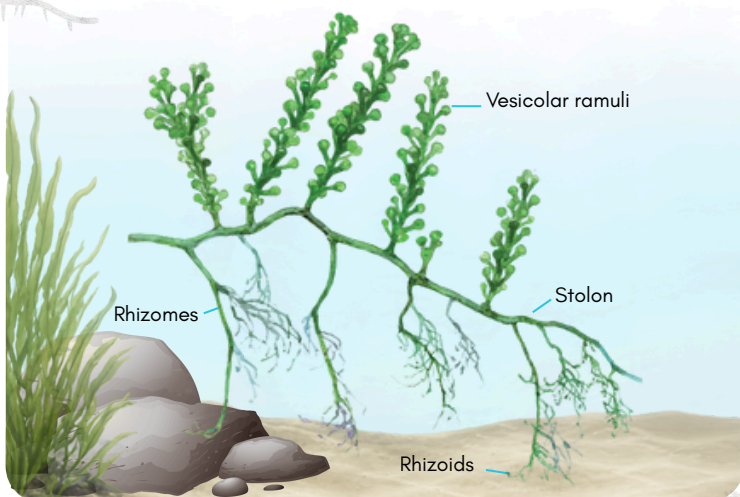
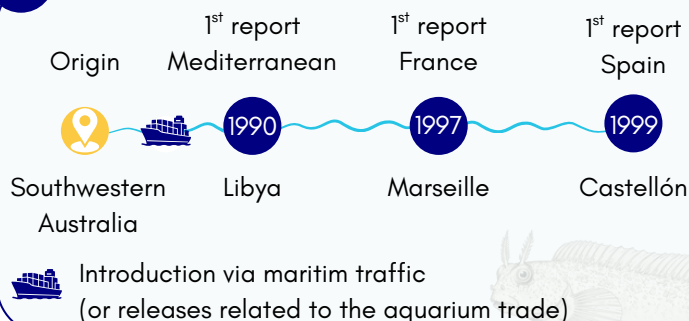


Grape

Alga - *Caulerpa cylindracea*



ITS HISTORY



ECOLOGICAL AND ECONOMIC IMPACTS

By forming a continuous and very dense carpet on the seabed, *Caulerpa cylindracea* **smothers native algae**, **degrades Posidonia seagrass beds**, and **alters sediment structure** and **invertebrate fauna**. Economically, its growth **clogs** and **weighs down fishing nets**, **reducing fishermen's yields** and **degrading the attractiveness of underwater landscapes** for diving.

FUN FACTS

Antibacterial capacity that can reduce diseases in mariculture

In the **100 worst invasives** species list

A **fragment** regenerates an **entire alga**

IDENTIFICATION CRITERIA

Structure : creeping stolons and upright fronds, rounded, vesicular ramules like bunches of grapes

Color : Green

Under **thermal stress** ($> 29^{\circ}\text{C}$), the alga takes on a **filamentous form**, impossible to identify with the naked eye

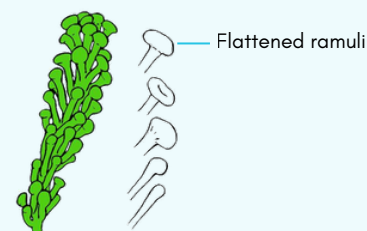


Santamaria et al. (2021)

SIMILAR SPECIES

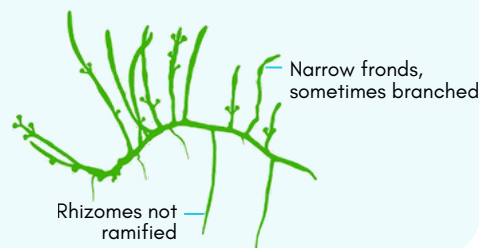
Caulerpa racemosa var. *turbinata-uvifera*

Native Mediterranean species



Caulerpa racemosa var. *lamourouxii* f. *requienii*

Native Mediterranean species



Report your observation

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