



Location Observer
 Coordinates Date DD / MM / YY
 Temperature Depth

TAKE PICTURES :-)

MAINLAND PORTUGAL

.cylindrical stipe smooth
 .blade base pale

Laminaria ochroleuca

BLADE CONDITION	ABUNDANCE
Healthy <input type="radio"/>	Single individual <input type="radio"/>
Medium <input type="radio"/>	Dispersed population <input type="radio"/>
Not healthy <input type="radio"/>	Dense forest <input type="radio"/>

.cylindrical stipe with
 .growths (epiphytes)

Laminaria hyperborea

BLADE CONDITION	ABUNDANCE
Healthy <input type="radio"/>	Single individual <input type="radio"/>
Medium <input type="radio"/>	Dispersed population <input type="radio"/>
Not healthy <input type="radio"/>	Dense forest <input type="radio"/>

.wavy edges
 .no central "nerve"

Saccharina latissima

BLADE CONDITION	ABUNDANCE
Healthy <input type="radio"/>	Single individual <input type="radio"/>
Medium <input type="radio"/>	Dispersed population <input type="radio"/>
Not healthy <input type="radio"/>	Dense forest <input type="radio"/>

.basal bulb
 .stipe flattened

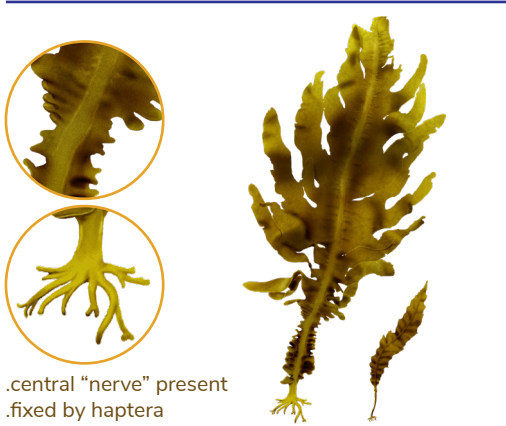
Saccorhiza polyschides

BLADE CONDITION	ABUNDANCE
Healthy <input type="radio"/>	Single individual <input type="radio"/>
Medium <input type="radio"/>	Dispersed population <input type="radio"/>
Not healthy <input type="radio"/>	Dense forest <input type="radio"/>



Notas.....
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.....
.....

illust. João T. Tavares | photo. CP-Charlotte Palmer; AD-Alesha Doyle;
BP-Bernard Picton; JN - João Neiva; JP-John Pinnegar; JV-Jan Verbeek;
KF-Kelly fuerstenberg; ; TA-Tânia Araújo | *CC BY; ** CC BY-NC



.central "nerve" present
.fixed by haptera

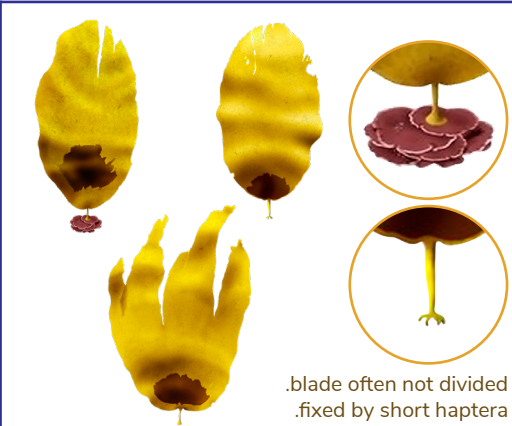
Undaria pinnatifida

BLADE CONDITION

- Healthy
- Medium
- Not healthy

ABUNDANCE

- Single individual
- Dispersed population
- Dense forest



.blade often not divided
.fixed by short haptera or disc

Phyllariopsis spp.

BLADE CONDITION

- Healthy
- Medium
- Not healthy

ABUNDANCE

- Single individual
- Dispersed population
- Dense forest



.topophles present
.branch base flattened

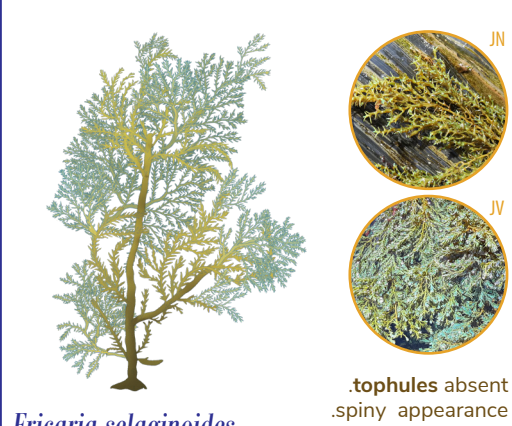
Treptacantha usneoides

BLADE CONDITION

- Healthy
- Medium
- Not healthy

ABUNDANCE

- Single individual
- Dispersed population
- Dense forest



.topophles absent
.spiny appearance
.blue iridescence

Ericaria selaginoides

syn. *Carpodesmia tamariscifolia*

BLADE CONDITION

- Healthy
- Medium
- Not healthy

ABUNDANCE

- Single individual
- Dispersed population
- Dense forest