

EMR North Eastern Aotearoa Seaweed ID Sheet



Exotic Caulerpa- Invasive
Caulerpa brachypus/ parvifolia



Aquarium weed- Invasive
Caulerpa taxifolia



Native Caulerpa
Caulerpa articulata/brownii



Wakame- Invasive
Undaria pinnatifida



Gutweed
Ulva intestinalis



Karengo
Pyropia columbina



*Asparagopsis
taxiformis*



Lessonia variegata



Sea Lettuce
Ulva letuca



*Xiphophora
gladiata*



Sarcothalia livida



*Pterocladia
capillacea*



*Halopteris
scoparia*



Sargassum sinclarii



*Glossophora
kunthii*



*Cystophera
retroflexa*



Karepō (seagrass)
Zostera muelleri

Common Flapjack
*Carpophyllum
maschalocarpum*



Common Kelp
Ecklonia radiata



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Defining features of *Caulerpa* & similar species



Exotic *Caulerpa*- Invasive

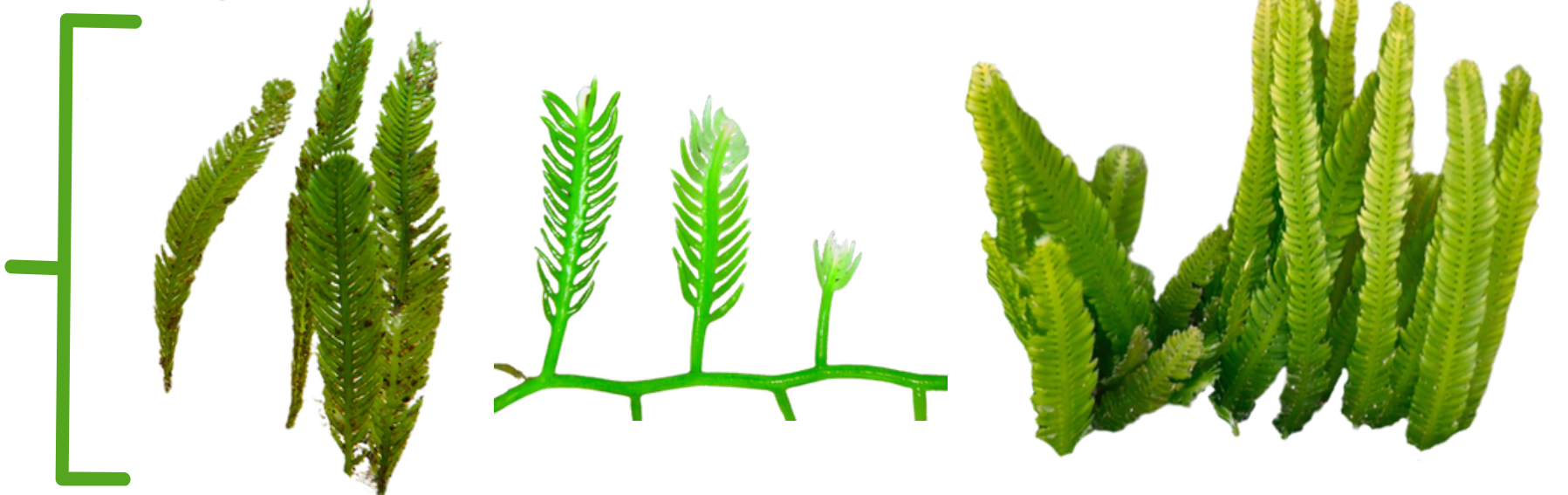
Caulerpa brachypus/ parvifolia

- These exotic species look very similar
- Bright green fronds
- Solid “oar-like” blades
- Blades up to 10cm long
- Blades rise up from horizontal roots
- Forms dense mats

Aquarium weed- Invasive

Caulerpa taxifolia

- Bright green flattened fronds
- Leafy fronds up to 15cm
- Horizontal roots with vertical fronds
- Paired branchlets on fronds, flattened in the same plane



Native *Caulerpa*

Caulerpa articulata/brownii

- *Articulata* (left) is bright green, has Cylindrical, turgid, bead-like fronds, paired branchlets, unflattened
- *Brownii* (right) is dark green, shorter dense branchlets, resembles rimu tree leaves

Gutweed/ Sea lettuce

Ulva intestinalis/ letuca

- *Intestinalis* (left) has long unbranched ribbons or tubes, yellow-green to dark green, grows in clumps
- *letuca* (right) has lettuce-like appearance



Karepō (seagrass)

Zostera muelleri

- Thin translucent leaves with blunt tips
- Vertical shoots extend from horizontal root
- Around 3-5 leaves per shoot, shoots 3-11cm in length



FOR MORE INFORMATION SCAN THE QR CODES BELOW



Caulerpa-
Northland
Regional
Council



Caulerpa-
Ministry for
Primary
Industries



The Love Rimurimu
Project- Seaweed
restoration in
Wellington

EMR- Te Kura Moana welcomes any contributions to a Te Reo name for any of the rimurimu listed above. If you are aware of any, and would like to donate one, please get in contact through info@emr.org.nz

Images courtesy of iNaturalist, Vince Kerr, Robyn D'Archino, Pippa Benton