## SUPPLEMENT



# West Indian Ocean

# Supplement to the SeagrassNet Worldwide Manual

Submitting data and samples to the SeagrassNet program

Submit all data, samples, photographs, data sheets, etc. to SeagrassNet at UNH and to the website, as directed in the manual. There is no Regional Node Coordinator for the West Indian Ocean at present.

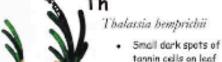
Inquiries should be directed to:

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# Ea Enhalus acoroides SEAGRASS SPECIES

Very long strap-like leaves with involled leaf margins

- Thick rhizome with long black bristles and cord-like roots
- Leaves 30-150 cm long



- Thick phizome with scales between shoots
- Sickle shaped leaves
- Leaves 10-40 cm long



Cymodocea serrulata

- Serrated leaf tip
- Leaf blade 4-9mm wide
- Leaves 6-15cm long & often striped
- Triangular shaped leaf



Si

- Rounded leaf tip
- Narrow leaf blade (2-4mm wide)
- Leaves 7-15 cm long
- Well developed leaf sheath



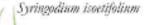


- Leaf hairs on both sides
- Leaf margins servate





- Less than 4-8 cross veins
- Small oval leaf blodes 0.8-1,3 cm long
- No hairs on leaf surface



- Leaves cylindrical in cross section
- Leaf tip tapers to a point
- Leaves 7-30cm long

Ho Halophila ovalis

- Leaves have 10 or more cross veins
- No hairs on leaf surface

Thalassodendron ciliatum



#### Hu

Halodule uninervis

- Trident leaf tip
- 1 central leaf vein
- Usually pale rhizome. with clean black leaf scors



Halodule pinisolia

- Rounded leaf 1 ip
- 1 central leaf vein
- Usually pale rhizome, with clean black leaf scars



- Cluster of leaves on an erect stem.
- Sickle shaped leaves with serrated tip
- Rhizome woody



#### Additional Species in the Region

#### Hw Halodule wrightii

- Leaves flat and thin
- Leaf tip with 2-3 points
- Rhizome whitish
- Leaves 2 22 cm long

#### Hq Halophila ovata

- Oval leaves, similar to *H. ovalis*
- Leaf cross-veins 4 8
- Leaf width4 mm
- Leaf length 8 13 mm

#### Hb Halophila beccarii

- 5+ elongated oval leaves arranged in clusters
- Leaves up to 13 mm long, 1 2 mm wide
- Short vertical stem between leaf clusters
- Often intertidal

#### Hn Halophila spinulosa

- Many oval leaf pairs along a single stem
- Leaves edges finely serrated
- Wiry rhizomes with stems 30 cm long

### Hs Halophila stipulacea

- Oval leaves on a short stem
- Large leaf scales at stem base
- Leaves up to 60 mm long, 10 mm wide

#### Rm Ruppia maritima

- Thin strap-like leaves to 25 cm long
- Blades gradually taper to a point
- Flowers and fruits on erect branching stem

#### Zp Zostera capensis

- Strap-like leaves 10 115 cm long, 0.5 2.5 mm wide
- Persistent leaf sheath
- Mature leaves have indented tip
- Found in east Africa

SeagrassNet = Seagrass Monitoring Network

Location:	Transect code & no .		Researchers:	iers:					Sampling	Sampling date and time:		eg. 20 Jan 2004		1400 hrs
State/Country:	Station (circle one):	ie):				Comments:								
	A. Nearshore,	ä	Middle, C.	C. Offshore										
PARAMETERS	RS	Example		]	Cross-transect 0-25 m	xt 0-25 m	,		١,		ross-transe	Cross-transect 26-50 m	:	:
Quadrat Measures at pre-selected random distances	ted random distances	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat	Quadrat
Photograph (1 per quadrat)		1 ×												
Voucher Specimen (1 of each species/Station)	4i	>												
All Species Cover	Total %	09												
Species =Hu	% Cover	40												
Species =	% Cover													
Species =	% Cover													
Species =	% Cover													
Species = Ea % C	% Cover   Density	20   32	_	_	_	_	_	-	_	_	_	_	_	-
Canopy Height (cm) Grazing Evidence? (y/n)	ig Evidence?	20 y												
Flower/Fruit Count by species	8	4 Hu 6 Cr												
Leaf Biomass Core	Size (m <sup>2</sup> )	√ 0.003.S												
			Pre-selecte	Pre-selected Random Distances for		0-25m		_	Pre-selecte	Pre-selected Random Distances for		26-50m		
	<b>∢</b> m ∪	A. Nearshore B. Middle C. Offshore	205	7 10 7	15 10	16 17 18	18 22 19	22.23	26 28 26	34 33	38 35 32	37 38	4 8 8	8 4 4
Meas		Ì	Left (0m)				Center (2)	(25m)			Right (50m)	î		
GPS: Latitude Dist. to edge (m)  Longitude Dist. to last (m)	edge	8.6												
Water Depth (m) at time (hrs)		2.35 @ 1524		at				at				at		
Surface sediment observation / sample	n/sample fine-sand/	nd / yes												
Station Measures					Region IX species	X species								
Light Hobo (day in - day out)		6Jan - 20Jan			Cr - Cymodo	Cr - Cymodocea rotundata		Hw - Halodule wrightü		Hq - <i>Halophila ovata</i>	a ovata	Th - 7%	Th - Thalassia hemprichä	nichü
Water temp. logger (day out)		20.lan			Cs - Cymodo	Cs - Cymodocea serrulata		Hb - Halophila beccarii		Hn - Halophila spinulosa	r spinulosa	Te-Thala	Te-Thalassodendron ciliatum	ciliatum
Salinity (ppt)		25.8			Ea - Enhalus acoroides	s acoroides	Hd - Ha	Hd - Halophila decipiens		Hs - Halophila stipulacea	stipulacea	Zp - Zost	Zp - Zostera capensis	
Tidal Stage (high or low / spring or neap)		high spring			Hp - Hakodule pinifolia	le pinifolia	Hm - H	Hm - Halophila minor		Rm - Ruppia maritima	varitima	Zc - Zost	Zc - Zostera capricorni	ini
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