



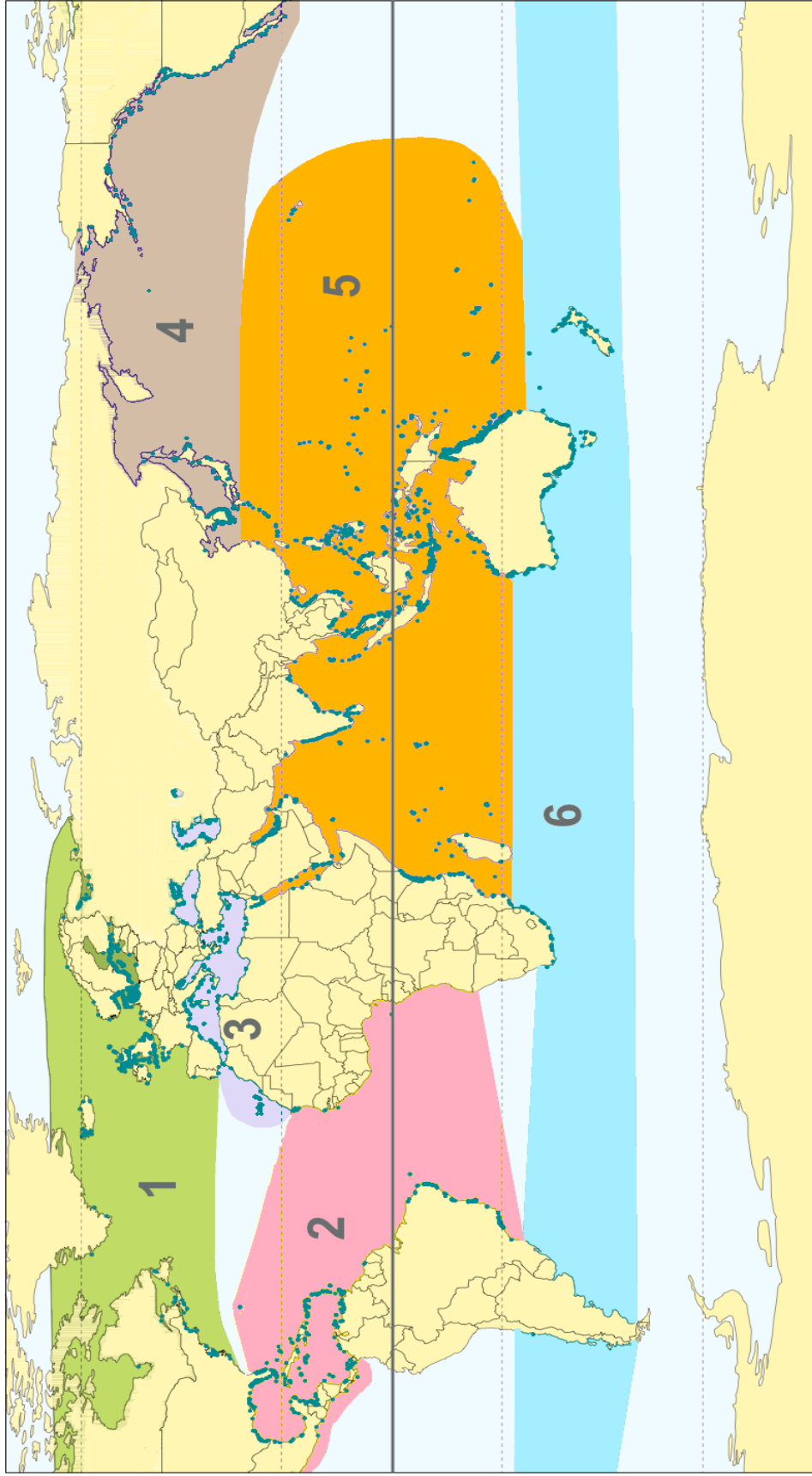
Temperate North Atlantic

Supplement to the SeagrassNet Worldwide Manual

Submit all data, samples, photographs, data sheets, etc. to SeagrassNet at UNH and to the website, as directed in the manual.

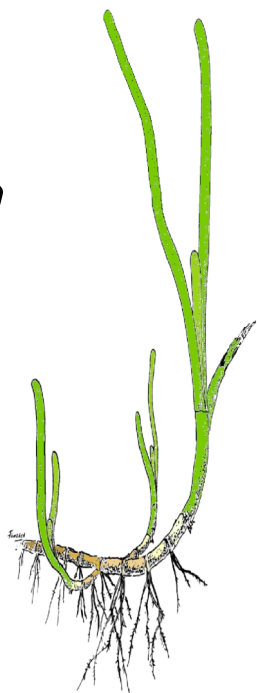
Inquiries should be directed to:

Dr. Frederick T. Short
Director, SeagrassNet
University of New Hampshire
Jackson Estuarine Laboratory
85 Adams Point Road
Durham NH 03824 USA
603-862-5134
fred.short@unh.edu



Global seagrass distribution and bioregions: 1) Temperate North Atlantic, 2) Tropical Atlantic, 3) Mediterranean, 4) Temperate North Pacific, 5) Tropical Indo-Pacific, and 6) Temperate Southern Oceans from Short et al. 2007, JEMBE 305: 3 – 20.

Zm



Zostera marina

- Flat leaves to 3 m with closed sheath
- Leaf tip smoothly rounded
- Rhizome robust with terminal shoots
- 2 bundles of roots per node
- Flowers on repeatedly branched stem

Zn



Zostera noltii

- Flat narrow leaves to 30 cm with open sheath
- Leaf tip rounded and unevenly notched
- Thin rhizome with shoot from each node
- Flowers on branched stem

Cn

Cymodocea nodosa

- Flat leaves to 30 cm
- Leaf tip rounded slightly serrated
- Rhizome robust with one root per node
- Flowers emerge from sheath



Rm



Ruppia maritima

- Flat very thin leaves 3 to 25 cm
- Blades gradually taper to a point
- Very thin rhizome
- Flowers on long stem

Hw



Halodule wrightii

- Flat leaves to 22 cm
- Leaf tip with 2-3 points
- Rhizome with 2-5 roots per node
- Flowers emerge from sheath

SeagrassNet Field Sampling Form (one sheet per station)

State/Country:	Station (circle one): A. Nearshore, B. Middle, C. Offshore	Comments:
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Cross-transect Measures												
		Pre-selected Random Distances for 0-25m				Pre-selected Random Distances for 26-50m						
		Left (0m)			Center (25m)			Right (50m)				
A. Nearshore	2	7	8	16	18	25	26	33	38	40	44	
B. Middle	9	10	15	17	22	25	28	31	35	37	39	
C. Offshore	5	7	10	18	19	22	26	34	35	38	43	
		Left (0m)			Center (25m)			Right (50m)				

GPS: Latitude	Dist. to edge (m)	° _ _ _ _ "	8.6				
Longitude	Dist. to last (m)	" _ _ _ _ _	11.2				
Water Depth (m) at time (hrs)	2:35 @ 1524						
Surface sediment observation / sample	fine-sand / yes					at	

Light -- Hobo (day in - day out)	6Apr - 20Apr	-	Zm - <i>Zostera marina</i>	Cn - <i>Cymodocea nodosa</i>	
Water temp. logger (day out)	20Apr		Zn - <i>Zostera noltii</i>	Un - unknown	
Salinity (ppt)	25.8		Hw - <i>Halodule wrightii</i>		
Tidal Stage (high or low/spring or neap)	high spring		Rm - <i>Ruppia maritima</i>		