

SITE Pemaquid TR

Depth (m) at 0m: 5.49

DATE 7/13/16
Depth (m) at 40m: 8.53

OBSERVER Lucy Harrington

Visibility (m): 5

Depth (m) at 0m:

Depth (m) at 40m: 8.53

Visibility (m): 5

[illegible]

Brown Algae

AGCL Agarum clathratum (*shotgun kelp*)
AGJ Agarum clathratum - juvenile <10cm
ALES Alaria esculenta (*distinctive midrib*)
BLJ Alaria esculenta - juvenile <20cm
BLD UNJ Juv Laminariales: <30cm kelps
CHF1 Chorda filum (*not fuzzy rope*)
COPE Colpomenia peregrina (*sea potato*)
DEAC Desmarestia aculeata (*coarse, alternate branches*)
DEVI Desmarestia viridis (*fine, opposite branches*)
HATO Halosiphonia tomentosa (*fuzzy rope*)
LADI Laminaria digitata
LDJ Laminaria digitata juvenile <20cm
SADE Sacchariza dermatodea (*flat & scuzzy*)
SAJ Sacchariza dermatodea juvenile <20cm
SL Saccharina spp. (*laspagne*)
SLJ Saccharina spp. juvenile <20cm
FUSP Fucus sp.

Anemones

MESE *Metridium senile* (white frilled)
URFE *Urticina felina* (bands run from top to bottom)

Molluscs

BUCA *Busyconyx canalliculatum* (channeled whelk)
BUCR *Busycon carica* (knobbed whelk)
BUUN *Buccinum undatum* (wavy whelk)
CRVI *Crassostrea virginica* (native oyster), long
NEDE *Neptunea decemcostata* (10 ring whelk)
OSED *Ostrea edulis* (euro oyster), wide
PLMA *Placopecten magellanicus* (big sea scallop)

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Other Echinoids

CUFR *Cucumaria frondosa* (brown, bumpy)
 ECPA *Echinarachnius parma* (sand dollar)
 PSFA *Psolus fabrilis* (scarlet cucumber)
 SDL *Strongylocentrotus droebachiensis* >20mm
 SDS *Strongylocentrotus droebachiensis* <20mm
 ARPL *Aracia punctulata* >20mm
 ARPS *Aracia punctulata* < 20mm

Tunicates

BOEC *Boltenia echinata* (cactus-like)
STCL *Styela clava* (stalked tunicate)
BOOV *Boltenia ovifera* (lollipop)

Data entry by: _____
Date entered: _____

Stars (less than 3cm, add S)

ASFO *Asterias forbesii* (orange madroporite)
ASRU *Asterias rubens* (white madroporite)
CRPA *Crossaster papposus* (Spiny Sun Star)
HESA *Henricia sanguinolenta* (Blood Star)
SOEN *Solaster endeca* (Smooth Sun Star)

Small Crustaceans <5cm

CABS Cancer borealis (rounded, bumpy shell = Jonah)
CAIS Cancer irroratus (pointed shell = Atlantic Rock)
CAMS Carcinus maenas (Dark & mottled shell = Green)
CASS Callinectes sapidus (blue crab)
HOAS Homarus americanus (lobster)
HYCS Hyas coarctatus (decorator crab)
LIES Libinia emarginata (big spider crab)
OVOS Ovalipes ocellatus (ladycrab)
PAHE Panopeus herbstii
HOAS Lobster, <10cm
HESN Hemigrapsus sanguinolenta

Cryptic Fish

MYSP *Myoxocephalus* sp. (*grubby* or *sculpin* < 10cm)
 ULSP Unidentified shanny (radiated or arctic)
 EUSP *Eumicrotremus spinosus* (*spiny lump sucker*, <15cm)
 LULU *Lurmenus lumpretaeformis* (Snake Blenny)
 PHGU *Pholis gummelus* (*Rock Gunnel*)

Note small OCTO's