

BIOTOPE NAME (key features of substrata, zone / depth & community)

BIOTOPE DESCRIPTION (clearly describe substrata; main cover species / taxa; any unusual or rare features / species)

MNCR classification code:

PORIFERA		:CALCAREA
C80		Clathrina coriacea
cla lac		Clathrina lacunosa
leu com		Leucosolenia complicata
scy cil		Scypha ciliata
gra com		Grantia compressa

		:DEMOSPONGIA
osc lob		Oscarella lobularis
der buc		Dercitus bucklandi
pac joh		Pachymatisma johnstonia
tet aur		Tethya aurantium
sub car		Suberites carnosus
sub fic		Suberites ficus
pol bol		Polymastia boletiformis
pol mam		Polymastia mamillaris
cli cel		Cliona celata
ste rig		Stelligera rigida
ste stu		Stelligera stuposa
axi dis		Axinella dissimilis
axi inf		Axinella infundibuliformis
hal bow		Halichondria bowerbanki
hal pan		Halichondria panicea
cio pen		Ciocalypta penicillus
hym per		Hymeniacion perleve
C5420		Mycale sp.
myc rot		Mycale rotalis
esp fuc		Esperiopsis fucorum
hym pau		Hymedesmia paupertas
pho fic		Phorbax fictitius
hem col		Hemimycale columella
C6420		Myxilla sp.
myx inc		Myxilla incrustans
iop nig		Iophonopsis nigricans
iop hyn		Iophon hyndmani
ras his		Raspailia hispida
ras ram		Raspailia ramosa
C8540		Haliclona sp.
hal fis		Haliclona fistulosa
hal ocu		Haliclona oculata
C8630		Haliclona simulans
hal urc		Haliclona urceolus
hal vis		Haliclona viscosa
dys fra		Dysidea fragilis
apl sul		Aplysilla sulfurea
hal duj		Halisarca dujardini
C9200		Porifera indet. (crusts)

CNIDARIA		:SCYPHOZOA
hal aur		Haliclystus auricula
aur aur		Aurelia aurita (scyphistomae)

		:HYDROZOA
cor nut		Corymorpha nutans
tub ind		Tubularia indivisa
tub lar		Tubularia larynx
D2290		Eudendrium sp.
bou ram		Bougainvillia ramosa
hyd ech		Hydractinia echinata
laf dum		Lafoea dumosa
hal bea		Halecium beanii
hal hal		Halecium halecinum
D5500		Aglaophenia sp.
agl plu		Aglaophenia pluma
agl tub		Aglaophenia tubulifera
gym mon		Gymnangium montagui
hal cat		Halopteris catharina
kir pin		Kirchenpaueria pinnata
nem ant		Nemertesia antennina
nem ram		Nemertesia ramosa
plu set		Plumularia setacea
pol fru		Polyplumaria frutescens

abi abi		Abietinaria abietina
abi fil		Abietinaria filicula
dip ros		Diphasia rosacea
hyd fal		Hydrallmania falcata
thu thu		Thuiaria thuja
ser gay		Sertularella gayi
ser pol		Sertularella polyzonias
ser arg		Sertularia argentea
ser cup		Sertularia cupressina
D7280		Obelia sp.
obe dic		Obelia dichotoma
obe gen		Obelia geniculata
obe lon		Obelia longissima
rhi ver		Rhizocaulus verticillatus

		:ANTHOZOA
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sar ros		Sarcodictyon roseum
alc dig		Alcyonium digitatum
alc glo		Alcyonium glomeratum
swi pal		Swiftia pallida
eun ver		Eunicella verrucosa
fun qua		Funiculina quadrangularis
vir mir		Virgularia mirabilis
pen pho		Pennatula phosphorea
cer llo		Cerianthus lloydii
pac mul		Pachycerianthus multiplicatus
epi cou		Epizoanthus couchii
iso sul		Isozoanthus sulcatus
D11390		Protanthea simplex
act equ		Actinia equina
ane vir		Anemonia viridis
urt fel		Urticina felina
urt equ		Urticina eques
ant bal		Anthopleura ballii
aur het		Aureliania heterocera
aip mut		Aiptasia mutabilis
met sen		Metridium senile
D12310		Sagartia elegans
sag tro		Sagartia troglodytes
cer ped		Cereus pedunculatus
act sph		Actinothoe sphyrodeta
sag lac		Sagartiogeton laceratus
sag und		Sagartiogeton undatus
ada car		Adamsia carciniopados
pea cyl		Peachia cylindrica
hal chr		Halcampa chrysanthellum
edw cla		Edwardsia claparedii
cor vir		Corynactis viridis
car smi		Caryophyllia smithii

		PLATYHELMINTHES
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pro vit		Prostheceraeus vittatus
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		NEMERTEA
tub ann		Tubulanus annulatus
G620		Cerebratulus sp.
lin lon		Lineus longissimus

		SIPUNCULA
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pha str		Phascolion strombi
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		ECHIURA
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ama edd		Amalosoma eddystonense
max lan		Maxmuelleria lankesteri

		ANNELIDA	:POLYCHAETA
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P10		Polychaeta indet. (tubes)
aph acu		Aphrodita aculeata
ale gel		Alentia gelatinosa
P970		Harmothoe sp.
P1330		Lepidonotus squamatus
oph fle		Ophiodromus flexuosus
P12740		Polydora sp.

P13750		Chaetopterus variopedatus
are mar		Arenicola marina
sab spi		Sabellaria spinulosa
P20000		Terebellidae indet.
eup neb		Eupolymnia nebulosa
lan con		Lanice conchilega
bis vol		Bispira volutacornis
P21660		Chone sp.
myx inf		Myxicola infundibulum
sab pav		Sabella pavonina
pom lam		Pomatoceros lamarcki
pom tri		Pomatoceros triquetter
ser ver		Serpula vermicularis
fil imp		Filograna implexa
pro tub		Protula tubularia
sal dys		Salmacina dysteri
P23550		Spirorbidae indet.

		CHELICERATA	:PYCNOGONIDA
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		CRUSTACEA	:CIRRIPIEDIA to ISOPODA
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R640		Verruca stroemia
bal bal		Balanus balanus
bal cre		Balanus crenatus
bos ang		Boscia anglica
S460		Mysidae indet.
S1660		Amphipoda indet. (tubes)
dyo por		Dyopodes porrectus (whips)
S10700		Caprellidae indet.

		:DECAPODA
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S21690		Caridea indet. (prawns/shrimps)
pal ser		Palaemon serratus
pan mon		Pandalus montagui
cra cra		Crangon crangon
hom gam		Homarus gammarus
nep nor		Nephrops norvegicus
S23780		Calocaris macandreae (burrows)
S23900		Callianassa subterranea (burrows)
S24140		Palinurus elephas
S24440		Paguridae indet.
ana hyn		Anapagurus hyndmanni
pag ber		Pagurus bernhardus
pag cua		Pagurus cuanensis
pag pri		Pagurus prideaux
S24710		Pagurus pubescens
S24840		Galathea sp.
gal int		Galathea intermedia
gal nex		Galathea nexa
gal squ		Galathea squamifera
S24900		Galathea strigosa
mun rug		Munida rugosa
pis lon		Pisidia longicornis
por pla		Porcellana platycheles
eba tub		Ebalia tuberosa
maj squ		Maja squinado
hya ara		Hyas araneus
hya coa		Hyas coarctatus
S25760		Inachus dorsettensis
ina pha		Inachus phalangium
mac ros		Macropodia rostrata
S26200		Corystes cassivelaunus
ate rot		Atelecyclus rotundatus
can pag		Cancer pagurus
lio dep		Liocarcinus depurator
lio pus		Liocarcinus pusillus
nec pub		Necora puber
car mae		Carcinus maenas
xan inc		Xantho incisus

MOLLUSCA		:POLYPLACOPHORA	
W500		Polyplacophora indet.	
lep ase		Leptochiton asellus	
ton mar		Tonicella marmorea	
ton rub		Tonicella rubra	

:GASTROPODA			
ema fis		Emarginula fissura	
tec tes		Tectura testudinalis	
tec vir		Tectura virginea	
hel pel		Helcion pellucidum	
mar hel		Margarites helicinus	
juj mil		Jujubinus miliaris	
gib mag		Gibbula magus	
gib tum		Gibbula tumida	
gib cin		Gibbula cineraria	
W2000		Calliostoma zizyphinum	
tur com		Turritella communis	
lac vin		Lacuna vincta	
apo pes		Aporrhais pespelecani	
cre for		Crepidula fornicata	
tri arc		Trivia arctica	
W7380		Trivia monacha	
pol pol		Polinices polianus	
oce eri		Ocenebra erinacea	
nuc lap		Nucella lapillus	
buc und		Buccinum undatum	
nep ant		Neptunea antiqua	
hin ret		Hinia reticulata	
hin inc		Hinia incrassata	

:OPISTHOBRANCHIA			
phi ape		Philine aperta	
ely vir		Elysia viridis	
W11020		Aplysia punctata	
ple mem		Pleurobranchus membranaceus	
tri hom		Tritonia hombergii	
den fro		Dendronotus frondosus	
W12720		Doto sp.	
gon nod		Goniodoris nodosa	
onc mur		Onchidoris muricata	
aca pil		Acanthodoris pilosa	
pol fae		Polycera faeroensis	
W13630		Polycera quadrilineata	
lim cla		Limacia clavigera	
cad lae		Cadlina laevis	
arc pse		Archidoris pseudoargus	
gor tom		Jorunna tomentosa	
jan cri		Janolus cristatus	
cor bro		Coryphella browni	
cor lin		Coryphella lineata	
fla ped		Flabellina pedata	
eub tri		Eubbranchus tricolor	
fac bos		Facelina bostoniensis	
aeo pap		Aeolidia papillosa	

:PELECYPODA			
myt edu		Mytilus edulis	
mod mod		Modiolus modiolus	
lim hia		Limaria hians	
ost edu		Ostrea edulis	
chl dis		Chlamys distorta	
W18000		Chlamys varia	
aeq ope		Aequipecten opercularis	
pec max		Pecten maximus	
pod pat		Pododesmus patelliformis	
ast sul		Astarte sulcata	
W20220		Ensis sp.	

ens arc		Ensis arcuatus	
arc isl		Arctica islandica	
cir cas		Circomphalus casina	
cha gal		Chamelea gallina	
cla fas		Clausinella fasciata	
dos exo		Dosinia exoleta	
dos lup		Dosinia lupinus	
mya tru		Mya truncata	
hia arc		Hiatella arctica	

:CEPHALOPODA			
sep atl		Sepiolo atlantica	
ele cir		Eledone cirrhosa	

BRACHIOPODA			
neo ano		Neocrania anomala	
ter ret		Terebratulina retusa	

BRYOZOA			
Y30		Crisiidae indet.	
cri cor		Crisidia cornuta	
cri den		Crisia denticulata	
cri ebu		Crisia eburnea	
alc dia		Alcyonidium diaphanum	
alc hir		Alcyonidium hirsutum	
ves spi		Vesicularia spinosa	
euc lor		Eucratea loricata	
mem mem		Membranipora membranacea	
ele pil		Electra pilosa	
flu fol		Fuflustra foliacea	
cha pap		Chartella papyracea	
sec sec		Securiflustra securifrons	
bug fla		Bugula flabellata	
bug plu		Bugula plumosa	
bug tur		Bugula turbinata	
bic cil		Bicelliariella ciliata	
Y8360		Scrupocellaria sp.	
scr rep		Scrupocellaria reptans	
Y8410		Scrupocellaria scruposa	
Y8110		Cellaria sp.	
cel fis		Cellaria fistulosa	
cel sin		Cellaria sinuosa	
umb lit		Umbonula littoralis	
esc coc		Escharoides coccinea	
por com		Porella compressa	
pen fol		Pentapora foliacea	
sch lin		Schizomavella linearis	
Y3770		Parasmittina trispinosa	
cel pum		Cellepora pumicosa	
oma ram		Omalosecosa ramulosa	
Y8880		Bryozoa indet. (crusts)	

PHORONIDA			
pho hip		Phoronis hippocrepia	

ECHINODERMATA :CRINOIDEA			
ant bif		Antedon bifida	
ant pet		Antedon petasus	
ZB220		Leptometra celtica	

:ASTEROIDEA			
lui cil		Luidia ciliaris	
ast irr		Astropecten irregularis	
por pul		Porania pulvillus	
ast gib		Asterina gibbosa	
ans pla		Anseropoda placenta	
sol end		Solaster endeca	
cro pap		Crossaster papposus	
ZB1640		Henricia sp.	
hen ocu		Henricia oculata	
hen san		Henricia sanguinolenta	
ast rub		Asterias rubens	

lep mue		Leptasterias muelleri	
ZB2000		Marthasterias glacialis	

:OPHIUROIDEA			
ZB2350		Ophiothrix fragilis	
oph nig		Ophiocomina nigra	
ZB2780		Ophiopholis aculeata	
amp bra		Amphiura brachiata	
amp chi		Amphiura chiajei	
amp fil		Amphiura filiformis	
ZB2920		Amphiura chiajei/filiformis	
amp squ		Amphipholis squamata	
oph aff		Ophiura affinis	
oph alb		Ophiura albida	
oph oph		Ophiura ophiura	

:ECHINOIDEA			
psa mil		Psammechinus miliaris	
ech esc		Echinus esculentus	
ech cor		Echinocardium cordatum	

:HOLOTHURIOIDEA			
hol for		Holothuria forsskali	
pso pha		Psolus phantapus	
neo mix		Neopentadactyla mixta	
thy fus		Thyone fusus	
thy ros		Thyone roscovita	
paw sax		Pawsonia saxicola	
ocn lac		Ocnus lacteus	
asl lef		Aslia lefevrei	
ZB4640		Leptopentacta elongata	
lab dig		Labidoplax digitata	

TUNICATA :ASCIDIACEA			
ZD60		Clavelina lepadiformis	
pyc aur		Pycnoclavella aurilucens	
dis ros		Distaplia rosea	
ZD320		Polyclinidae indet.	
ZD340		Polyclinum aurantium	
syn pul		Synoicum pulmonaria	
mor arg		Morchellium argus	
sid ele		Sidnyum elegans	
sid tur		Sidnyum turbinatum	
apl nor		Aplidium nordmanni	
ZD640		Aplidium punctum	
ZD680		Didemnidae indet.	
ZD860		Didemnum maculosum	
dip lis		Diplosoma listerianum	
dip spo		Diplosoma spongiforme	
lis per		Lissoclinum perforatum	
cio int		Ciona intestinalis	
dia vio		Diazona violacea	
ZD1350		Corella parallelogramma	
asc asp		Asciidiella aspersa	
asc sca		Asciidiella scabra	
asc con		Ascidia conchilega	
asc men		Ascidia mentula	
asc vir		Ascidia virginea	
pha mam		Phallusia mammillata	
ZD1720		Styela clava	
pol pom		Polycarpa pomaria	
pol scu		Polycarpa scuba	
den gro		Dendrodoa grossularia	
dis var		Distomus variolosus	
sto soc		Stolonica socialis	
bot sch		Botryllus schlosseri	
bot lea		Botrylloides leachi	
bol ech		Boltenia echinata	
pyu mic		Pyura microcosmus	
pyu squ		Pyura squamulosa	

mol man		Molgula manhattensis
PISCES		
scy can		Scyliorhinus canicula (dogfish)
con con		Conger conger (conger eel)
dip bim		Diplecogaster bimaculata (two-spotted clingfish)
lop pis		Lophius piscatorius (angler)
ZG1500		Gadidae indet.
ZG1960		Molva molva (ling)
ZG2080		Pollachius pollachius (pollack)
pol vir		Pollachius virens (saithe)
tri lus		Trisopterus luscus (bib)
tri min		Trisopterus minutus (poor cod)
gas acu		Gasterosteus aculeatus (three-spined stickleback)
ZG3510		Spinachia spinachia (fifteen-spined stickleback)
ZG3760		Syngnathus acus (greater pipefish)
myo sco		Myoxocephalus scorpius (bull rout)
tau bub		Taurulus bubalis (sea scorpion)
ago cat		Agonus cataphractus (pogge)
cen exo		Centrolabrus exoletus (rock cook)
cre mel		Crenilabrus melops (corkwing)
cte rup		Ctenolabrus rupestris (golfsinny)
lab ber		Labrus bergylta (ballan wrasse)
lab mix		Labrus mixtus (cuckoo wrasse)
par gat		Parablennius gattorugine (tompot blenny)
chi asc		Chirolophis ascanii (Yarrell's blenny)
lum lum		Lumpenus lumpretaeformis (snake blenny)
pho gun		Pholis gunnellus (butterfish)
amm tob		Ammodytes tobianus (sand eel)
cal lyr		Callionymus lyra (common dragonet)
cal ret		Callionymus reticulata (reticulated dragonet)
ZG7050		Gobiidae indet.
gob nig		Gobius niger (black goby)
gob fla		Gobiusculus flavescens (two-spotted goby)
les fri		Lesueurigobius friesii (Fries' goby)
ZG7400		Pomatoschistus sp.
pom min		Pomatoschistus minutus (sand goby)
pom pic		Pomatoschistus pictus (painted goby)
tho eph		Thorogobius ephippiatus (leopard-spotted goby)
phr nor		Phrynorhombus norvegicus (Norwegian topknot)
zeu pun		Zeugopterus punctatus (topknot)
ZG8770		Pleuronectidae indet. (juveniles)
ple pla		Pleuronectes platessa (plaice)

CYANOPHYTA

ZL2		Beggiatoa sp.
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RHODOPHYTA :COMPSOPOGONALES to AHNFELTIALES

por coc		Porphyropsis coccinea
ZM830		Porphyra sp.
ZM880		Porphyra miniata
ZM970		Audouinella sp.
sci int		Scinaia interrupta
ZM2040		Asparagopsis armata (Falkenbergia)
bon asp		Bonnemaisonia asparagoides
bon ham		Bonnemaisonia hamifera
ZM2110		Trailiella intricata
gel lat		Gelidium latifolium
pal pal		Palmaria palmata
ahn pli		Ahnfeltia plicata

:CORALLINALES		
ZM3840		Corallinaceae indet. (crusts)
cor off		Corallina officinalis
lit cor		Lithothamnion corallioides
lit gla		Lithothamnion glaciale
phy cal		Phymatolithon calcareum

:GIGARTINALES

cru pel		Cruoria pellita
cal cil		Calliblepharis ciliata
cal jub		Calliblepharis jubata
cys pur		Cystoclonium purpureum
ZM6930		Rhodophyllis divaricata
ZM6940		Rhodophyllis divaricata var. weneri
dil car		Dilsea carnosa
dud ver		Dudresnaya verticillata
dum con		Dumontia contorta
fur lum		Furcellaria lumbricalis
hal lig		Halarachnion ligulatum
cho cri		Chondrus crispus
gra fil		Grateloupia filicina
ZM3220		Callophyllis cristata
cal lac		Callophyllis laciniata
kal ren		Kallymenia reniformis
mer mic		Meredithia microphylla
mas ste		Mastocarpus stellatus
ZM3640		Peyssonnelia sp.
coc tru		Coccotylus truncata
ery tra		Erythrodermis trailii
gym cre		Gymnogongrus crenulatus
phy cri		Phyllophora crispa
phy pse		Phyllophora pseudoceranooides
sch nic		Schotera nicaeensis
ste int		Stenogramme interrupta
plo car		Plocamium cartilagineum
pol rot		Polyides rotundus
sph cor		Sphaerococcus coronopifolius

:GRACILARIALES

gra ver		Gracilaria verrucosa
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:RHODYMENIALES

cor ere		Cordylecladia erecta
rho ard		Rhodymenia ardissoni
rho del		Rhodymenia delicatula
rho hol		Rhodymenia holmesii
rho pse		Rhodymenia pseudopalmeta
chy ver		Chylocladia verticillata
lom art		Lomentaria articulata
lom cla		Lomentaria clavellosa
lom orc		Lomentaria orcadensis

:CERAMIALES

ant cru		Antithamnion cruciatum
ant spi		Antithamnionella spirographidis
ZM7760		Aglaothamnion sp.
ZM8010		Callithamnion tetragonum
ZM8070		Ceramium sp.
cer nod		Ceramium nodulosum
cer str		Ceramium strictum
com thu		Compsothamnion thuyoides
gri cor		Griffithsia corallinoides
hal flo		Halurus flosculosus
hal equ		Halurus equisetifolius
plu plu		Plumaria plumosa
pte plu		Pterothamnion plumula
pti gun		Ptilota gunneri
sph mul		Sphondylothamnion multifidum
acr ven		Acrosorium venulosum
apo rus		Apoglossum ruscifolium
cry ram		Cryptopleura ramosa

del san		Delesseria sanguinea
dra het		Drachiella heterocarpa
dra spe		Drachiella spectabilis
ery lac		Erythrogloussum laciniatum
har bon		Haraldiophyllum bonnemaisonii
hyp hyp		Hypoglossum hypoglossoides
mem ala		Membranoptera alata
nit pun		Nitophyllum punctatum
phy rub		Phycodrys rubens
pod hil		Polyneura bonnemaisonii
rad thy		Radicilingua thysanorhizans
het plu		Heterosiphonia plumosa
bro bys		Brongiartella byssoides
cho das		Chondria dasyphylla
odo den		Odonthalia dentata
ZM11010		Polysiphonia sp.
ZM11050		Polysiphonia elongata
pol fuc		Polysiphonia fucoides
ZM11160		Polysiphonia nigra
pol str		Polysiphonia stricta
pte par		Pterosiphonia parasitica
rho con		Rhodomela confervoides
rho lyc		Rhodomela lycopodioides
ZM11540		Rhodophyta indet. (non-calc. crusts)

CHRYSTOPHYTA

ZQ1		Diatoms - colonial
ZQ2		Diatoms - film

PHAEOPHYTA

ZR30		Ectocarpaceae indet.
pse ext		Pseudolithoderma extensum
ZR5480		Asperococcus sp.
asp fis		Asperococcus fistulosus
asp tur		Asperococcus turneri
ZR5960		Dictyosiphon sp.
sti rhi		Stilophora rhizodes
cho fla		Chordaria flagelliformis
eud vir		Eudesme virescens
ZR3540		Mesogloia vermiculata
cut mul		Cutleria multifida
ZR3900		Cutleria multifida (Aglaozonia)
ZR4120		Sphacelaria sp.
hal fil		Halopteris filicina
cla spo		Cladostephus spongiosus
dic mem		Dictyopteris membranacea
ZR4570		Dictyota dichotoma
tao ato		Taonia atomaria
spo ped		Sporochnus pedunculatus
des acu		Desmarestia aculeata
des lig		Desmarestia ligulata
des vir		Desmarestia viridis
art vil		Arthrocladia villosa
ZR6250		Chorda filum
ZR6310		Laminaria sp. (sporelings)
lam dig		Laminaria digitata
lam hyp		Laminaria hyperborea
lam och		Laminaria ochroleuca
lam sac		Laminaria saccharina
sac pol		Saccorhiza polyschides
ala esc		Alaria esculenta
sar mut		Sargassum muticum
ZR7050		Cystoseira sp.
hal sil		Halidrys siliquosa
ZR7190		Phaeophyta indet. (crusts)

CHLOROPHYTA

ZS2110		Enteromorpha sp.
ZS2400		Ulva sp.
ZS3310		Chaetomorpha linum
cha mel		Chaetomorpha melagonium

ZS3380	<input type="checkbox"/>	Cladophora sp.
bry plu	<input type="checkbox"/>	Bryopsis plumosa
ZS3990	<input type="checkbox"/>	Derbesia sp. (Halicystis)
ZS4140	<input type="checkbox"/>	Codium sp.

ANGIOSPERMAE		
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zos mar	<input type="checkbox"/>	Zostera marina
ZX7	<input type="checkbox"/>	Ruppia sp.

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<p>Mark <u>A</u>bundance only in box (<u>S</u>uperabundant, <u>A</u>bundant, <u>C</u>ommon, <u>F</u>requent, <u>O</u>ccasional, <u>R</u>are, <u>P</u>resent)</p>
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Note Specimen, Photograph or ? for
uncertain identification to left of box