WebTable 2. Marine macroflora with known microbial associates

Macroflora type	Location of microbiome	Method of genomic analysis	Dominant group(s) in microbiome	Habitat	Host trophic mode	Host life history	Host longevity	Criteria for examining host specificity	Reference
Neptune grass (*Posidonia oceanica*)	Leaves, roots, and internal parts of rhizomes	16S rRNA sequencing	*Marinomonas*	Seagrass meadows	Primary producer	Sessile	Centuries	Novel species associated with *P oceanica*	Espinosa *et al.* (2010)
Dwarf eelgrass (*Zostera noltii*)	Rhizosphere	NA (N-fixation and S-reduction rates)	N-fixing sulfate-reducing bacteria	Seagrass meadows	Primary producer	Sessile	Decades to centuries	NA	Welsh *et al.* (1996)
Common eelgrass (*Zostera marina*)	Roots	Bacterial isolations	*Vibrio* spp and *Photobacterium* spp	Seagrass meadows	Primary producer	Sessile	Decades to centuries	NA	Shieh *et al.* (1989)
Giant kelp (*Macrocystis pyrifera*)	Surface	16S rRNA 454 pyrosequencing	Alpha- and Gamma-proteobacteria and Bacteroidetes	Kelp forests	Primary producer	Sessile	A few years	Kelp and adjacent seawater host distinct assemblages.	Michelou *et al.* (2013)
Intertidal algae (*Fucus vesiculosus, Gracilaria vermiculophylla, Ulva intestinalis*)	Surface	Denaturing gradient gel electrophoresis (DGGE)	Alpha-proteobacteria Rhodobacterales (*F vesiculosus*), Rhizobiales (*G vermiculophylla, U intestinalis*)	Fjord	Primary producer	Sessile	Several years	Distinct communities on each alga, seasonal within-species community differences	Lachnit *et al.* (2011)

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