Species-specific non-metric multidimensional scaling (nMDS) ordinations
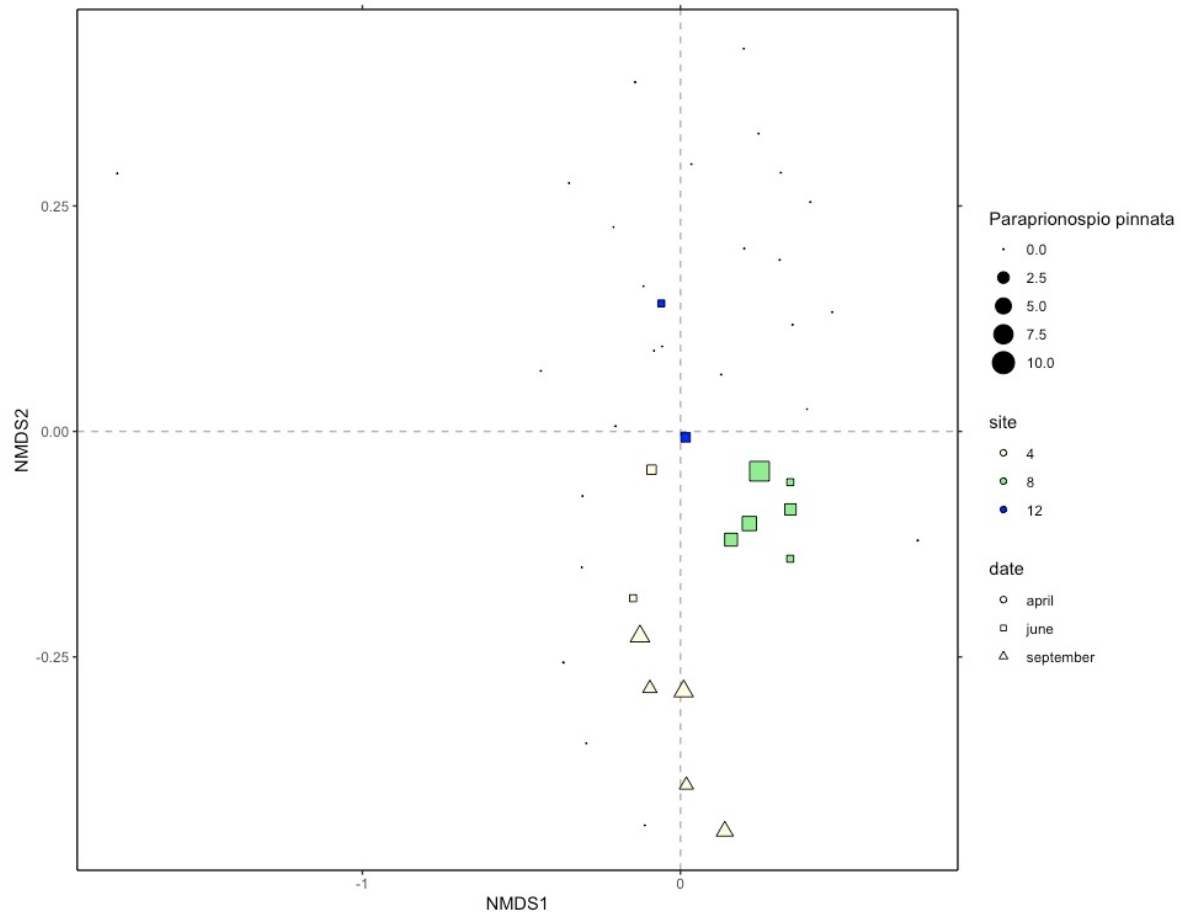

Figure S1. Non-metric multidimensional scaling (nMDS) of sites and species with an OLIGOHALINE origin. Abundance of spionid polychaete *Paraprionospio pinnata* indicated by size.
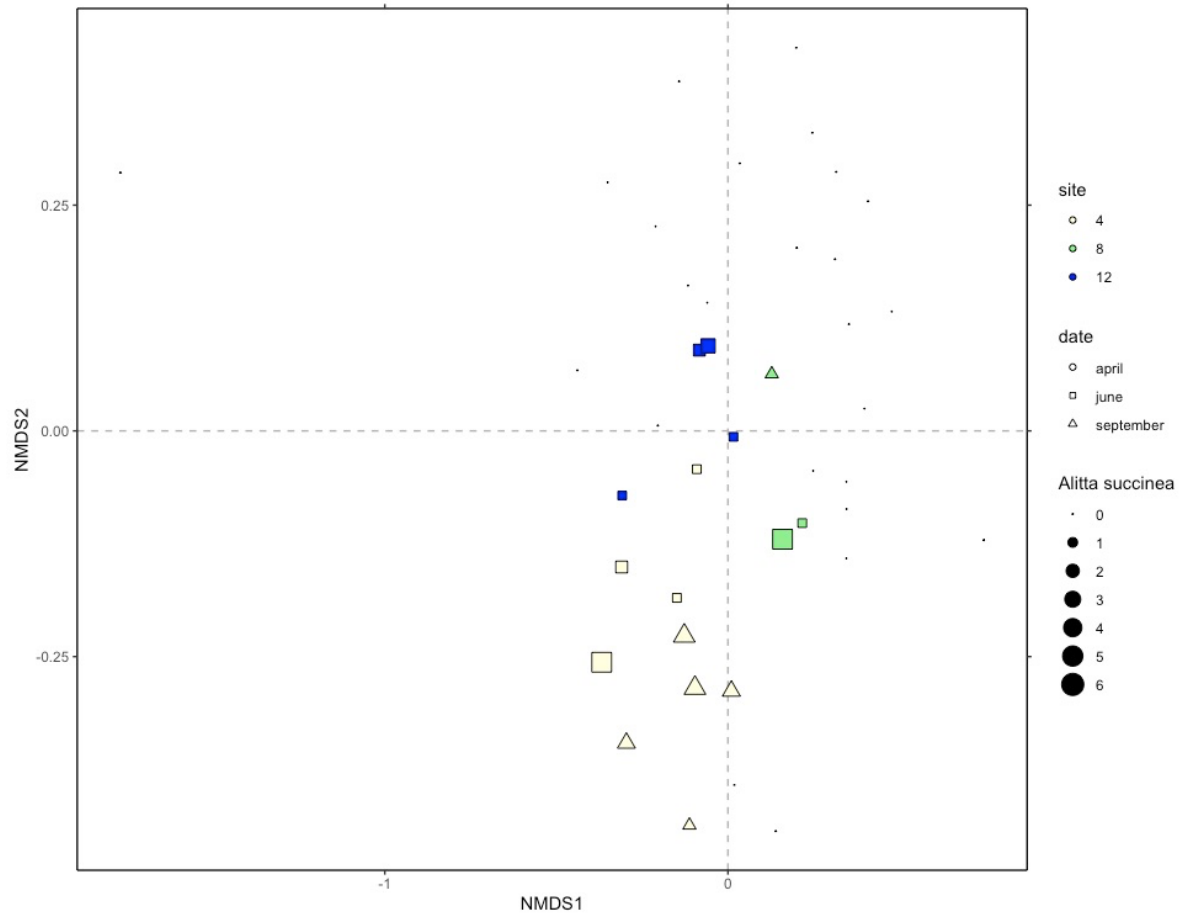
Figure S2. Non-metric multidimensional scaling (nMDS) of sites and species with OLIGOHALINE origin and some presence of omnivorous polychaete *Alitta succinea.*
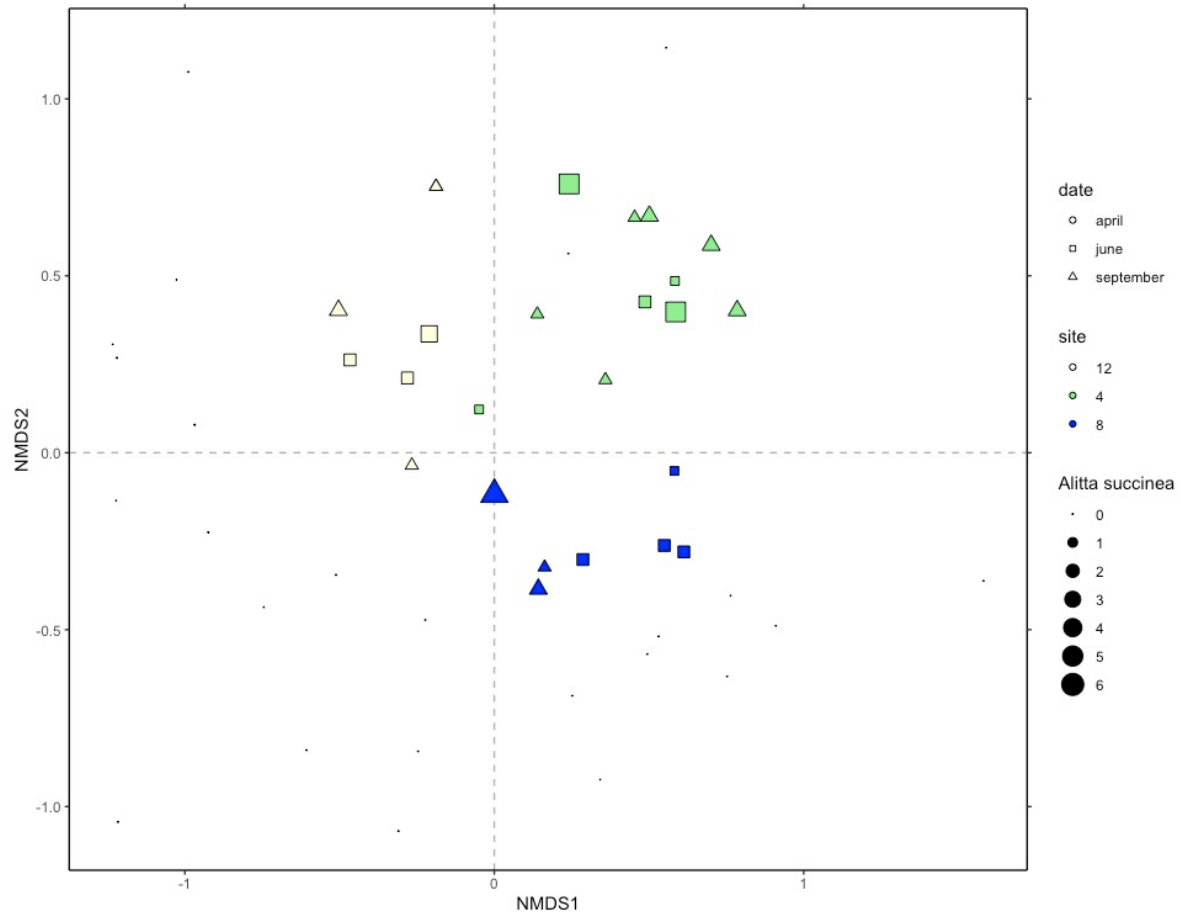
Figure S3. Non-metric multidimensional scaling (nMDS) of sites and species with a MESOHALINE origin and some presence of polychaete *Alitta succinea*. *A. succinea* abundance is indicated by size.
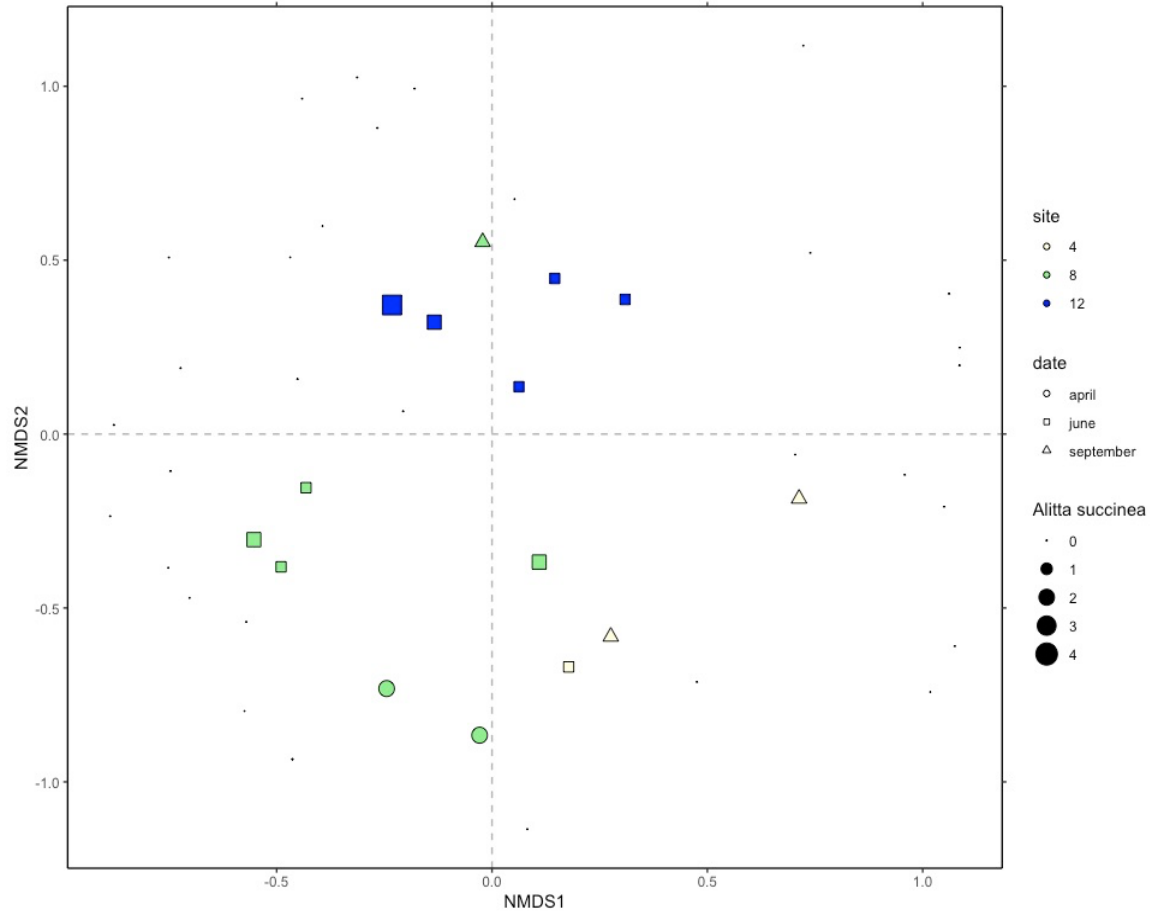
Figure S4. Non-metric multidimensional scaling (nMDS) of samples with POLYHALINE origin and presence of omnivorous polychaete, *Alitta succinia.*
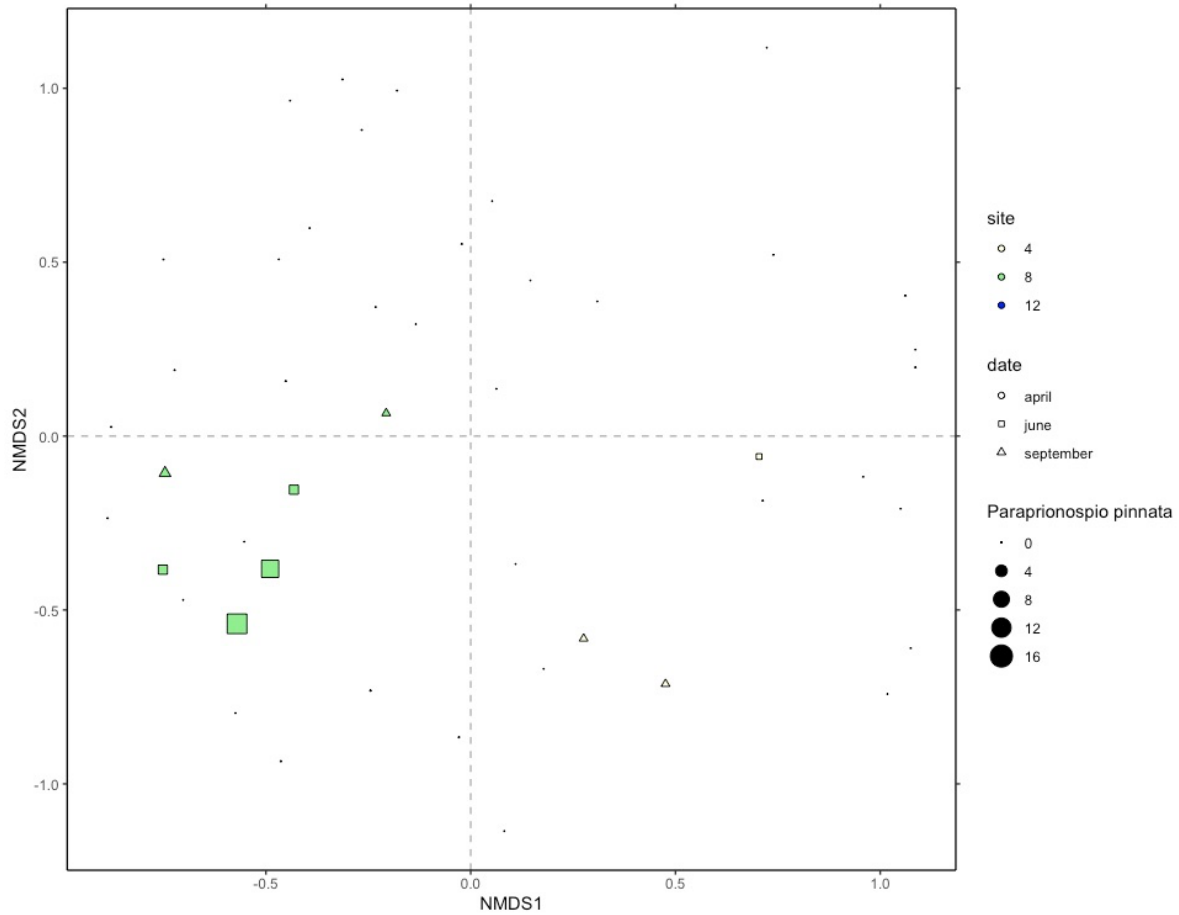
Figure S5. Non-metric multidimensional scaling (nMDS) of samples with POLYHALINE origin and presence of opportunistic spionid *Paraprionospio pinnata.*
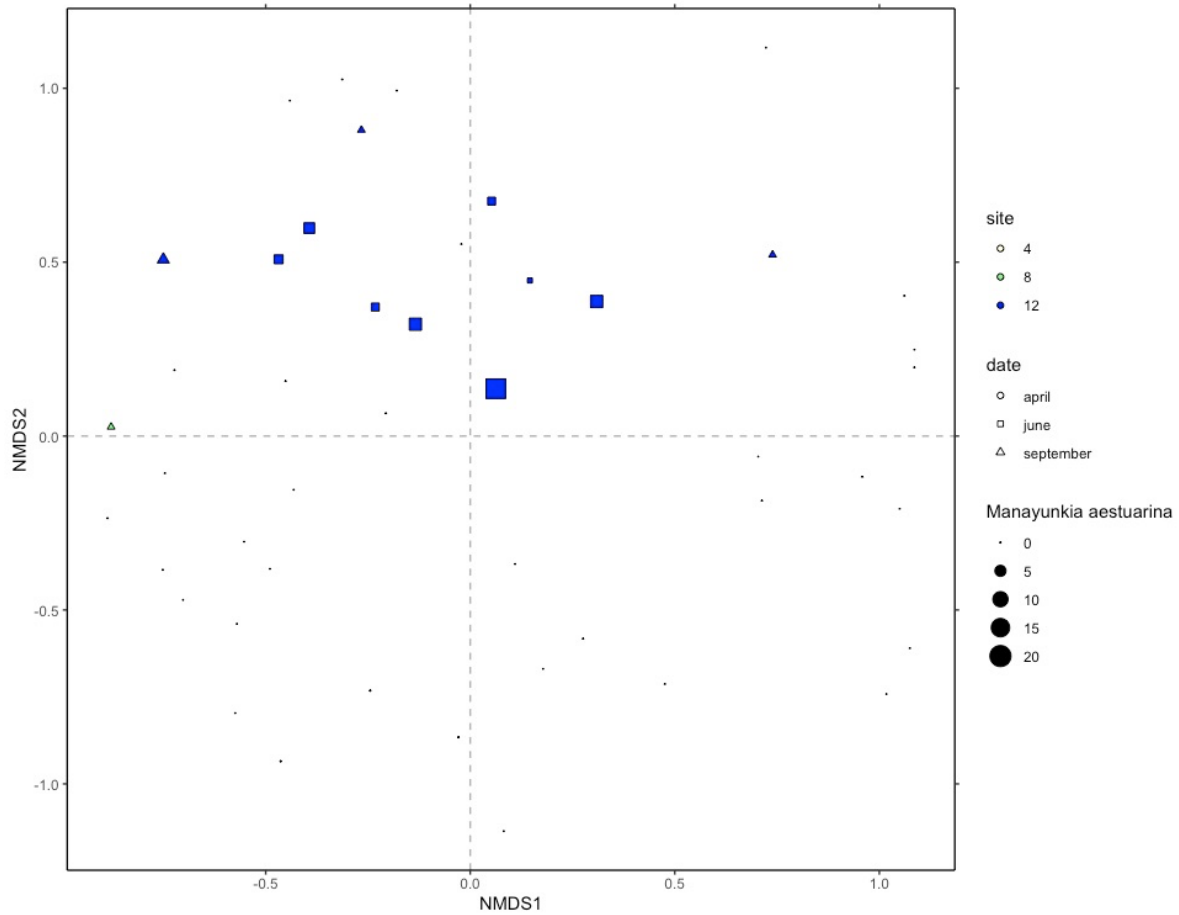
Figure S6. Non-metric multidimensional scaling (nMDS) of samples with POLYHALINE origin and presence of Sabellid polychaete *Manayunkia aestuarina*.
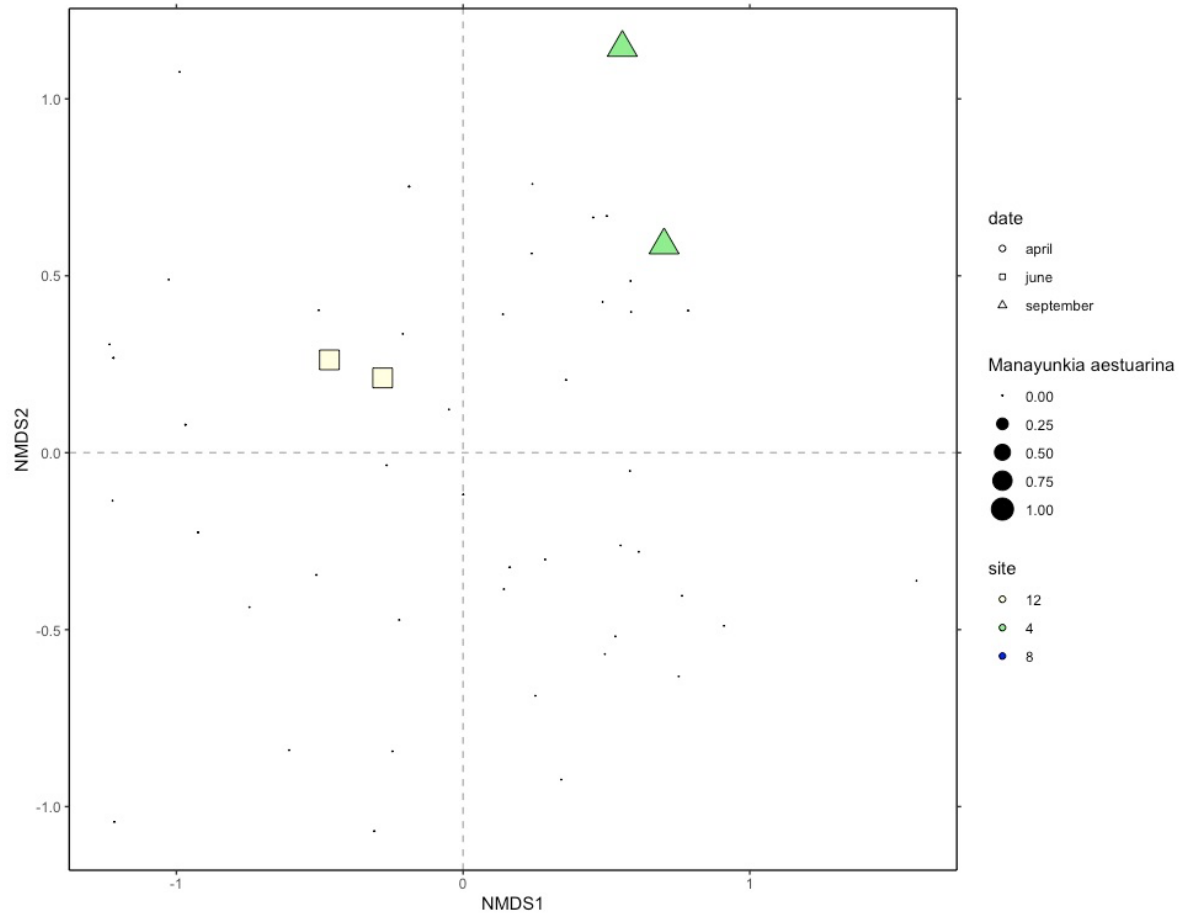
Figure S7. Non-metric multidimensional scaling (nMDS) of samples with MESOHALINE origin and presence of Sabellid polychaete *Manayunkia aestuarina*.
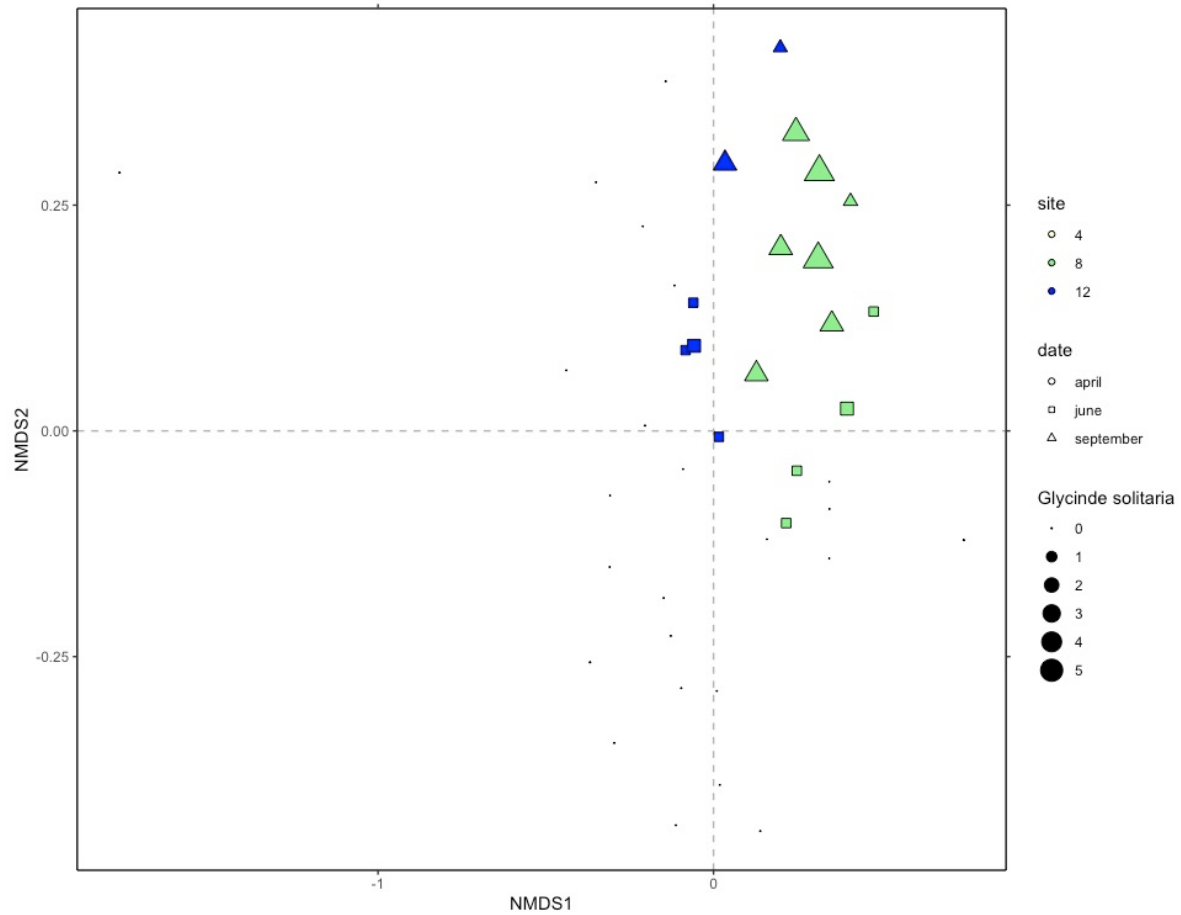
Figure S8. Non-metric multidimensional scaling (nMDS) plot of samples with OLIGOHALINE origin and presence of Goniadid polychaete *Glycinde solitaria*
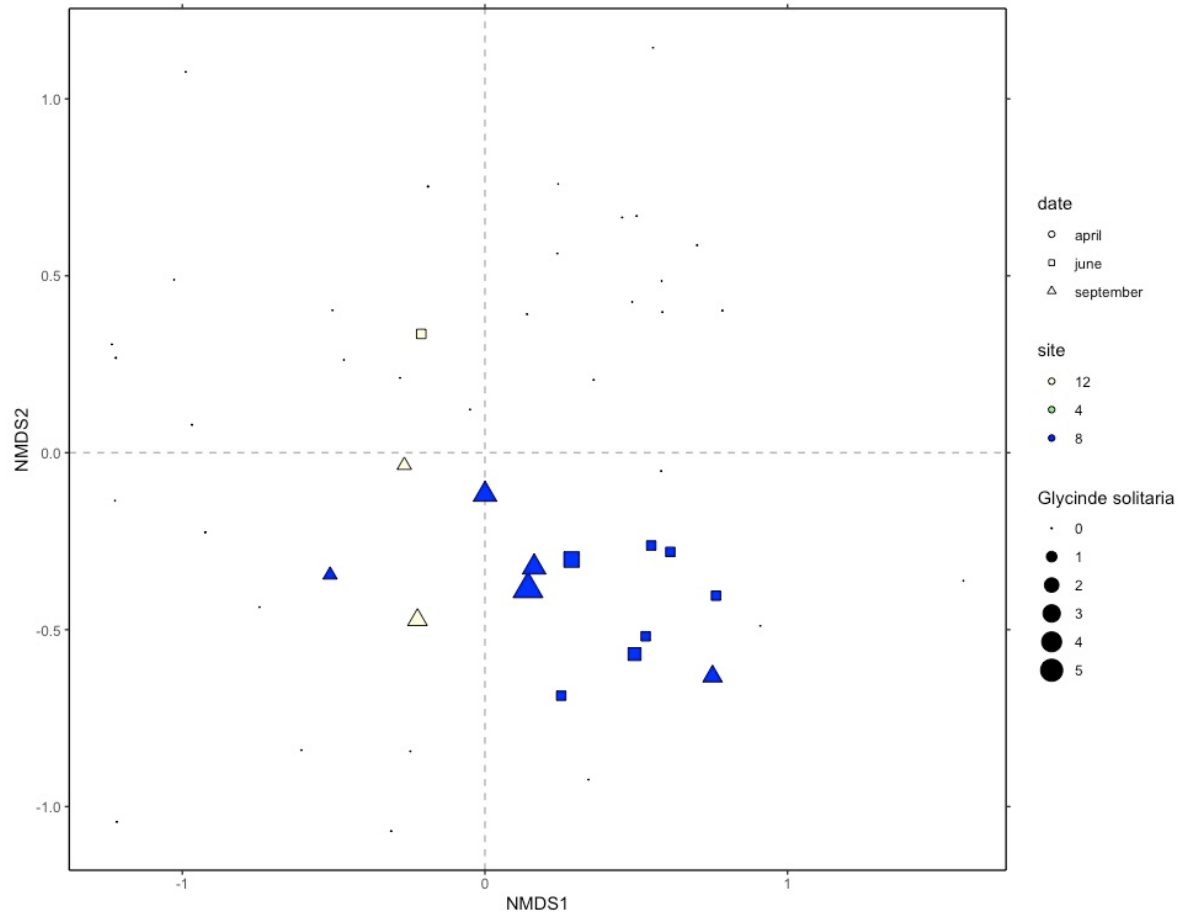
Figure S9. Non-metric multidimensional scaling (nMDS) of sites and species with a MESOHALINE origin and some presence of polychaete *Glycinde solitaria.*
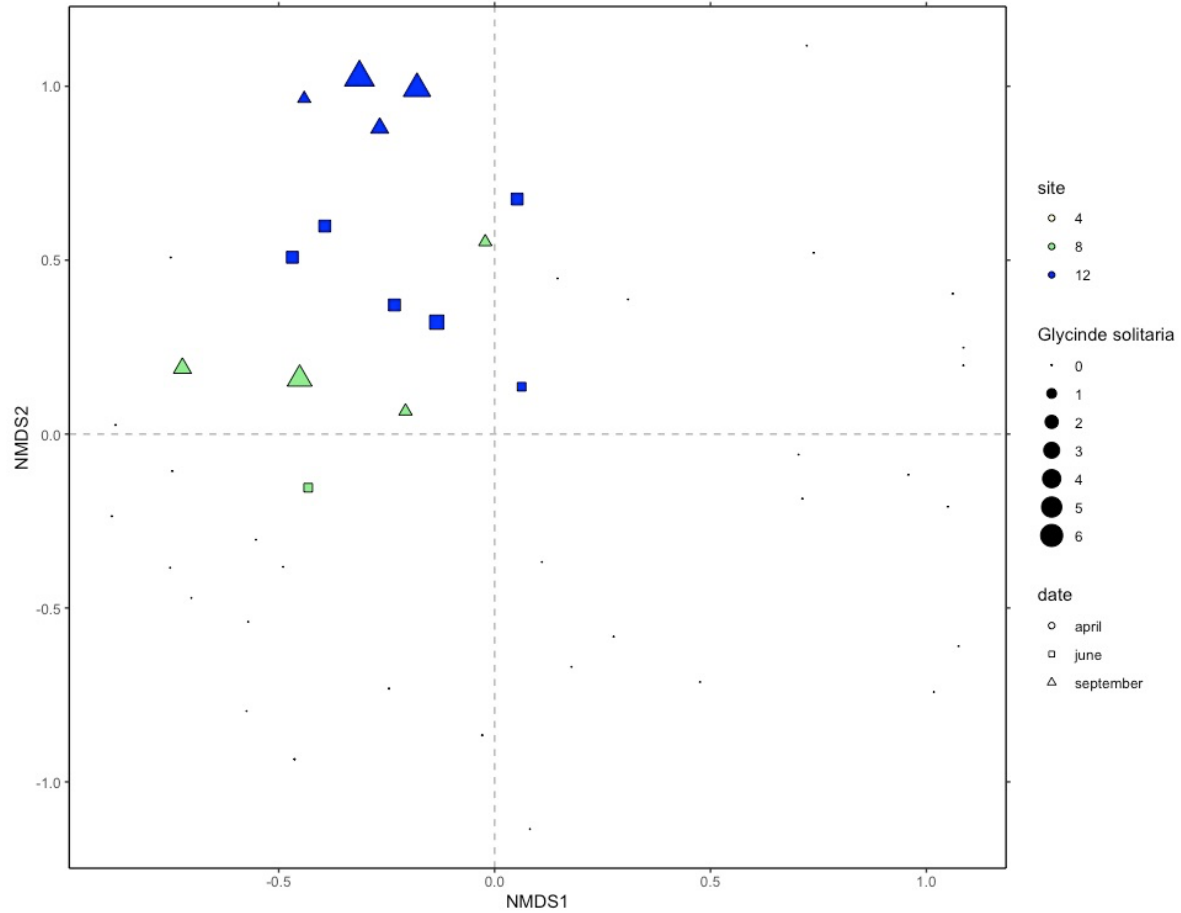
Figure S10. Non-metric multidimensional scaling (nMDS) of sites with POLYHALINE origin and presence of predator *Glycinde solitaria.*
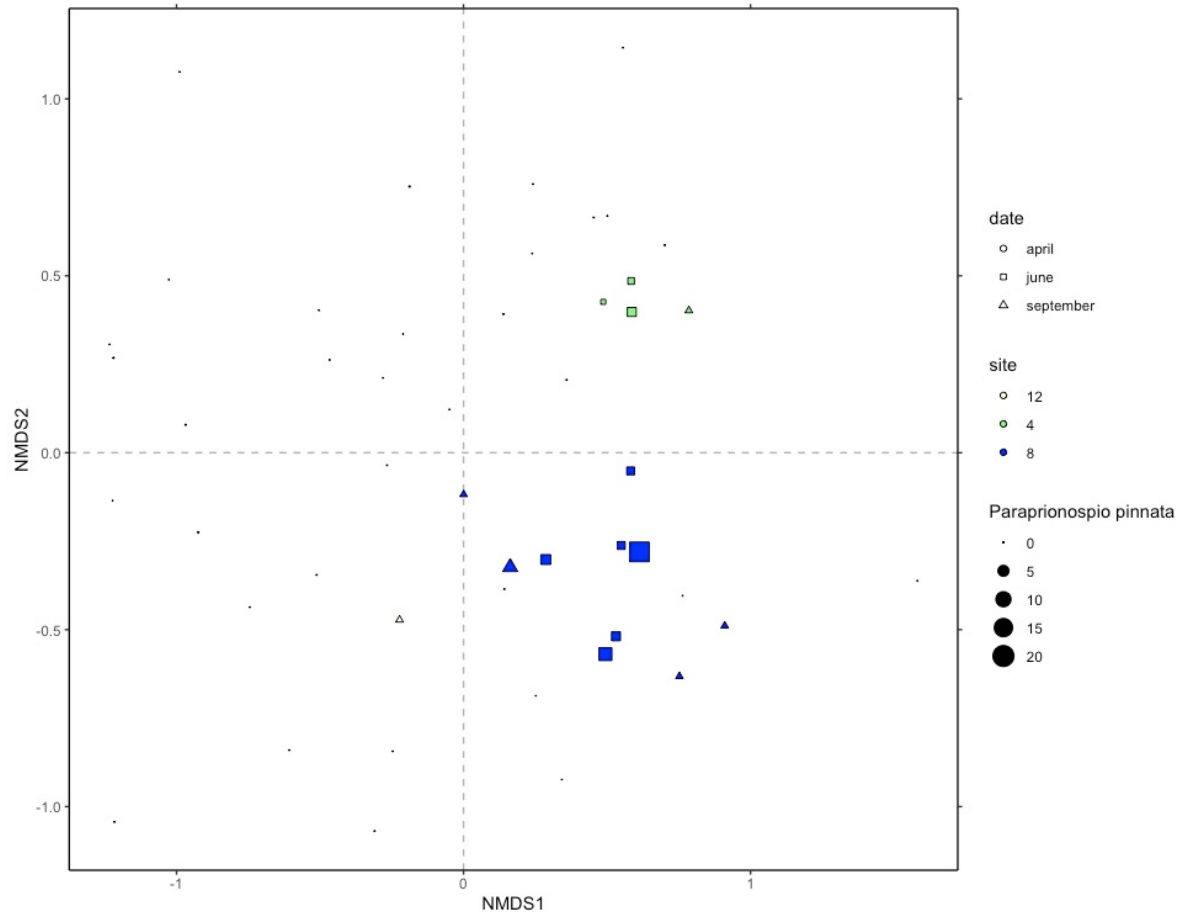
Figure S11. Non-metric multidimensional scaling (nMDS) of sites and species with a MESOHALINE origin. Abundance of spionid polychaete *Paraprionospio pinnata* indicated by size.

Table S1. Credible intervals for main-effects two-way ANOVAs with effects parameterization. Effect is set relative to mesohaline origin and treatment.

Model	mu (mean)	2.5% CI	97.5% CI
ABUNDANCE			
Meso origin (indiv)	9.340	5.328	13.409
Oligo origin	−2.470	−7.040	2.077
Poly origin	1.973	−2.575	6.473
Meso treatment (indiv)	9.340	5.328	13.409
Oligo treatment	−1.994	−6.550	2.458
Poly treatment	7.344	2.798	11.835
SPECIES RICHNESS			
Meso origin (# species)	3.560	2.730	4.403
Oligo origin	−0.173	−1.105	0.727
Poly origin	0.006	−0.936	0.914
Meso treatment (# species)	3.560	2.730	4.403
Oligo treatment	−0.646	−1.573	0.299
Poly treatment	1.924	1.013	2.831
SHANNON DIVERSITY			
Meso origin (H′)	0.875	0.673	1.075
Oligo origin	−0.037	−0.255	0.183
Poly origin	−0.009	−0.229	0.209
Meso treatment (H′)	0.875	0.673	1.075
Oligo treatment	−0.079	−0.298	0.143
Poly treatment	0.495	0.273	0.716