

Figure S1. The silicates characterizing the water column of the W and E zones during the sampling times.

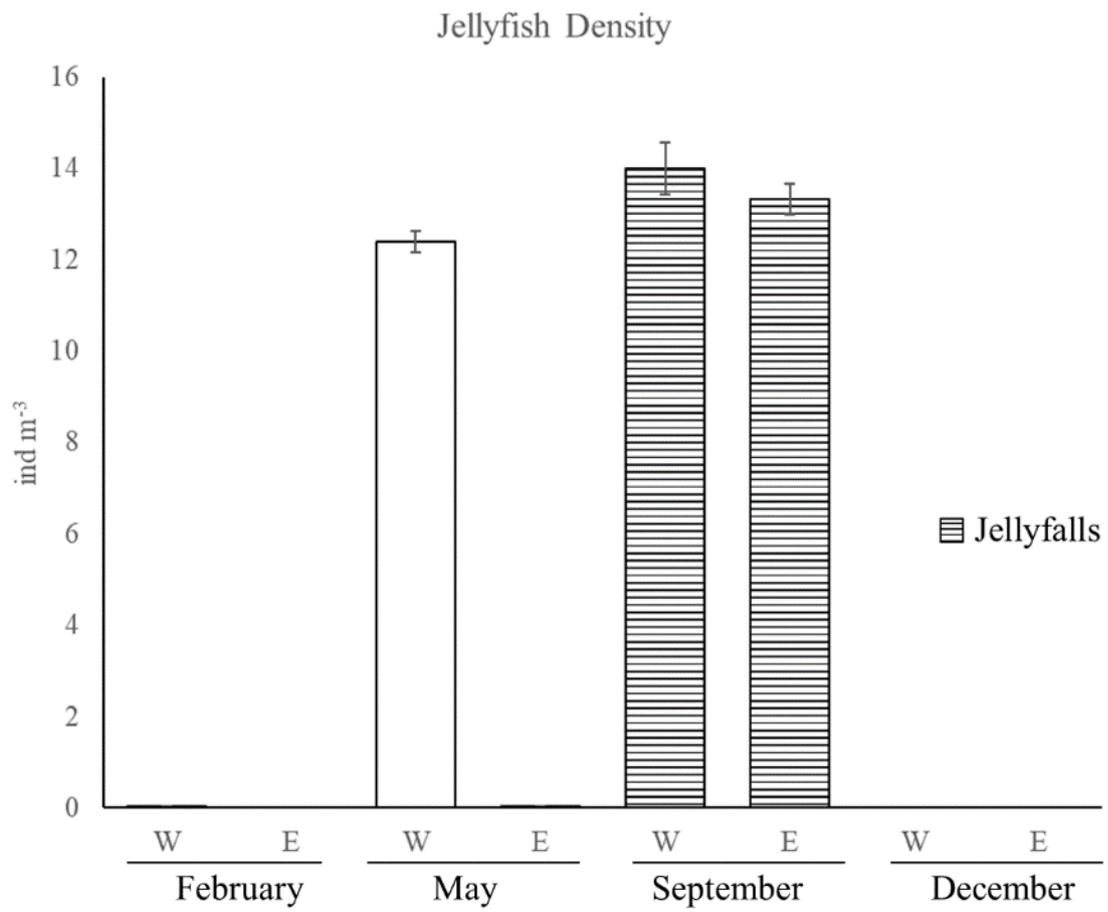


Figure S2. Density of *Aurelia coerulea* or jelly-falls in the W and E, zones during the sampling times.

Bacterial Biomass

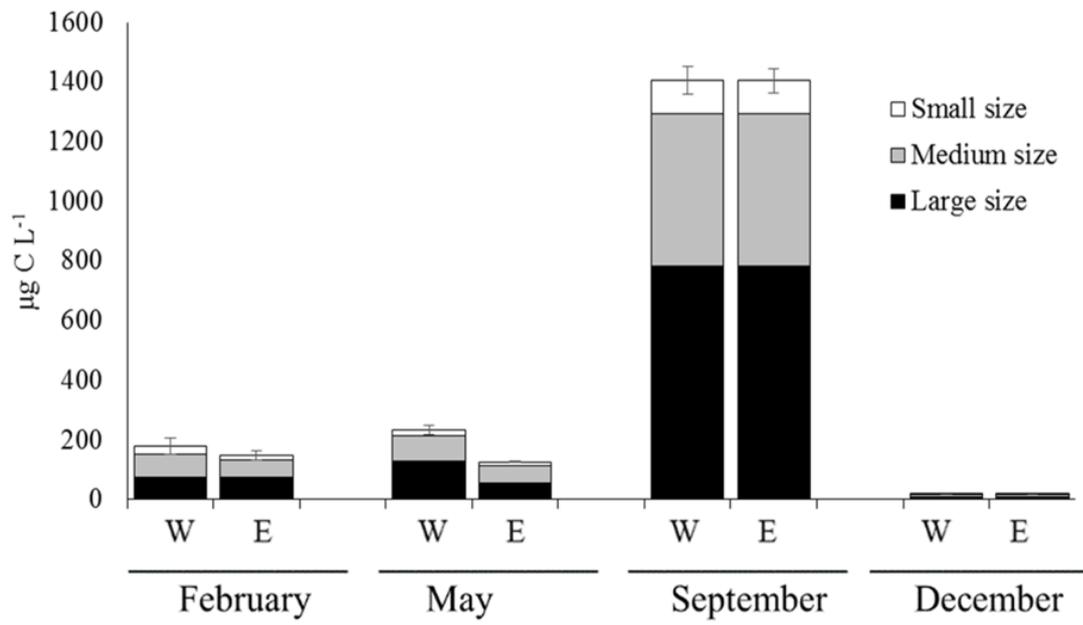


Figure S3. Bacterial biomass and size composition in the seawater of the W and E zones during the sampling times.

Culturable bacteria at 37 °C

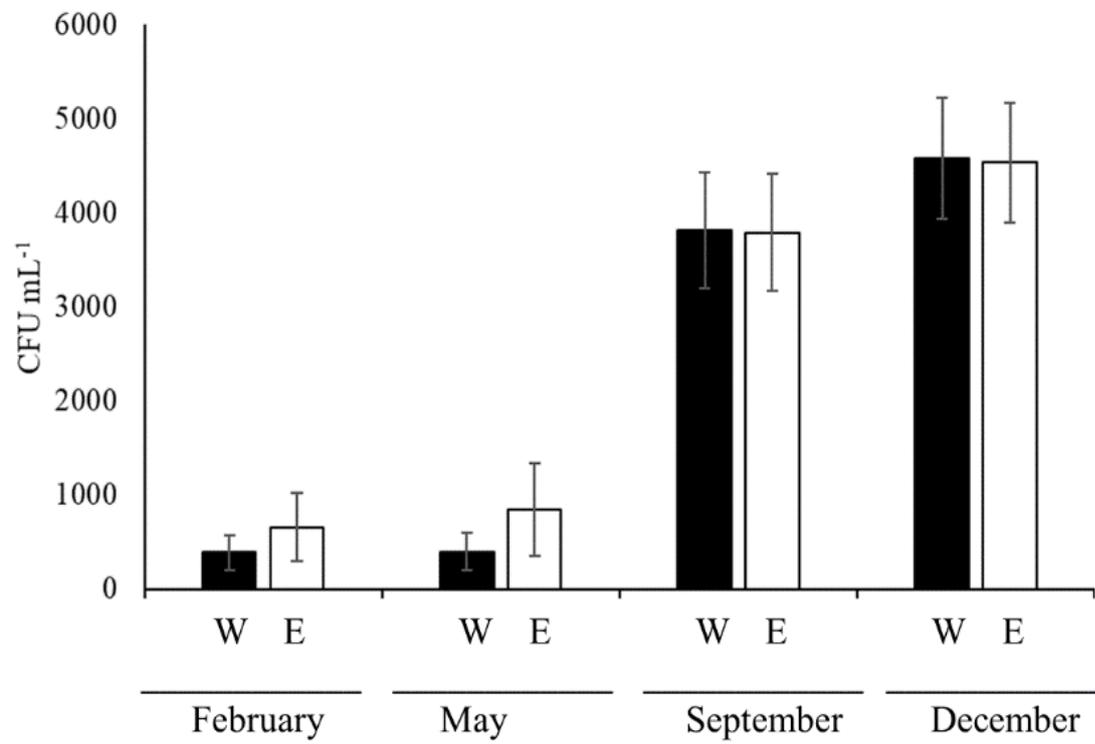


Figure S4. Culturable bacteria (at 37 °C) in W and E zones during the sampling times.

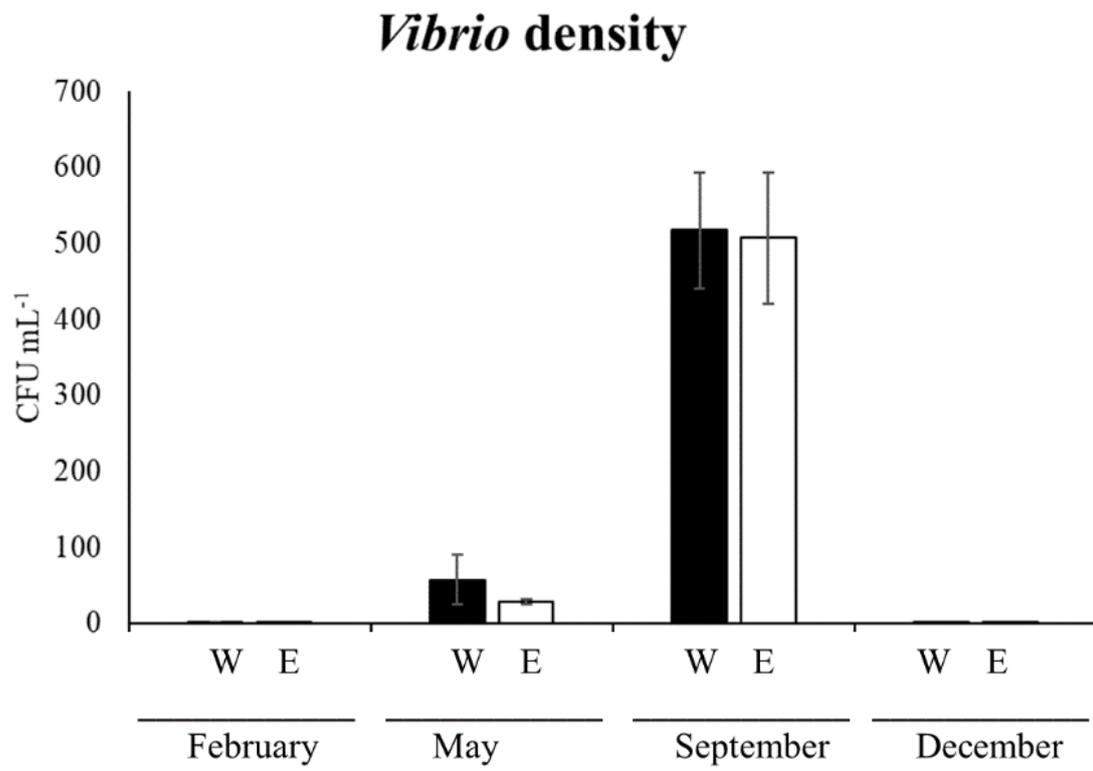


Figure S5. *Vibrio* density in seawater column of W and E zones during the sampling times.

Faecal enterococci

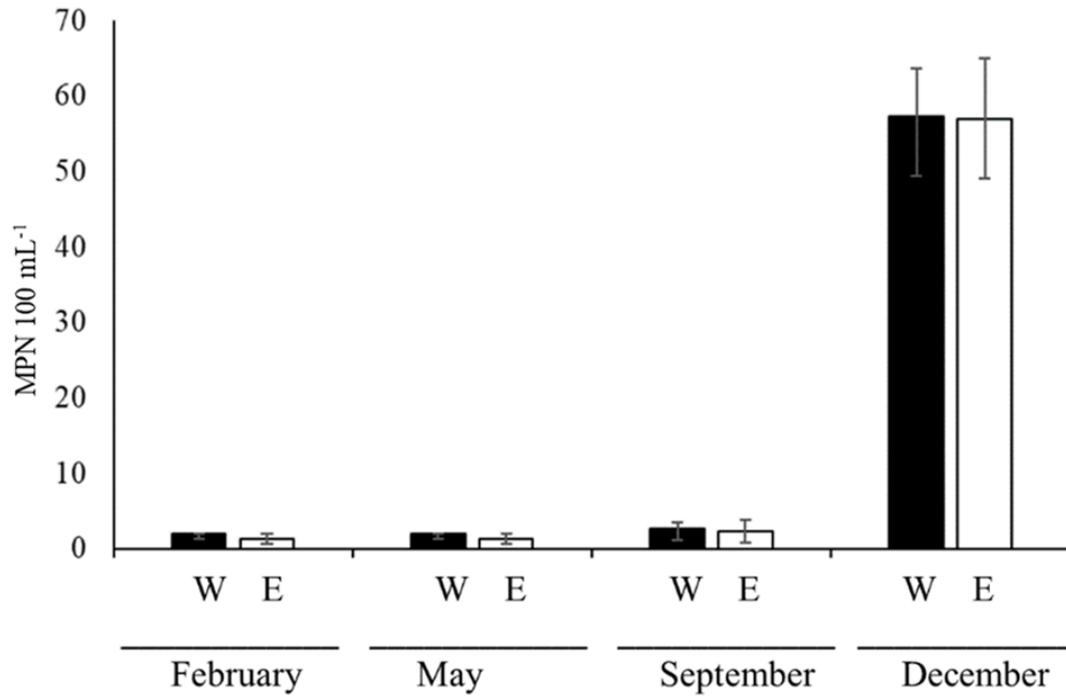


Figure S6. Faecal enterococci in seawater column of W and E zones during the sampling times.