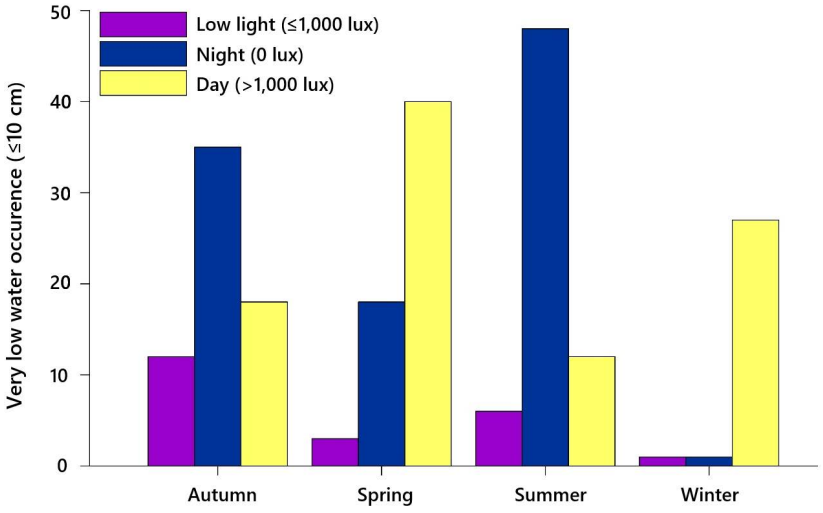

Supplementary Fig. S1. Seasonal occurrence of very low water levels (≤10 cm from mareographic zero) in Blaz cove. Light intensity was measured via HOBO Pendant Temperature / Light 64 K data logger. Light intensity data was clipped to associated water levels occurrences at the same hour and classified into night (0 lux), low light (0.1–1,000 lux) and daylight (>1,000 lux). Water level data denoted as predicted daily minimums and maximums for the mixed tidal was provided by Asterion (https://www.asterion.info/). Timeline was shiftd + 1 h to account for time delay (Rijeka-Blaz cove in Raša channel).

Supplementary Fig. S2. Example of *Fucus virsoides* apex measurement via ImageJ (A) according to reference pictures using a yellow line as a marker (B).

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