



Supplementary Figure S1. Flowchart of the selection of works included in the review of methods used to assess the biodiversity associated with pelagic *Sargassum*. Removal of duplicates resulted in the identification of 6813 articles, of which only 145 articles specifically looked at biodiversity associated with macroalgae. Applying the exclusion/inclusion criteria (Table S2), title and abstract reading of the 145 articles and their reference lists allowed for the selection of 30 articles that addressed various types of biodiversity associated with pelagic *Sargassum*