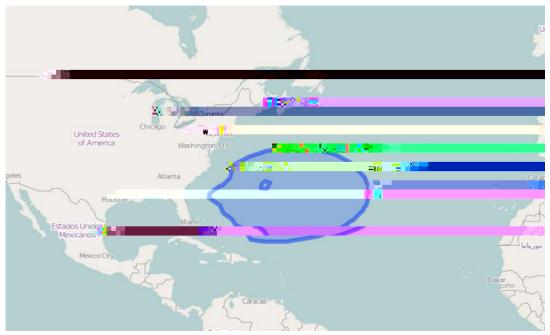
Chapter 50. Sargasso Sea

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1. Inventory

The Sargasso Sea is **ada**mentally important area of the open ocean within the North Atlantic SubTropical Gyre, bounded on all sides by clockwise rotating currents (Laffoley et al., 2011).



The boundaries and names shown and the designations used on this map do not inquity entitionsement or acceptance by the United Nations.

Figure 1. Source: https://chm.cbd.int/database/record?documentID=200098.

Named after its iconic Sargassus weed, the Sargasso Sits importance derives from the interdependent mix of its physical oceanography, its ecosystems, and its role in global scale ocean and earth system processes. It is a place of legithda distinct pelagic ecosystem based upon two species of float gassum, the world's only macralgae that spend their whole lifecycle in the water column (holopelagic,) which hosts a rich and diverse community cluding ten endemic species Sargassummats are home to >145 invertebrate species and >127 species of fish; the mats act as important spawning, nursery and feeding areas for fish, turtles and seabirds. In deeper wate Sargasso Sea is the only known spawning area for migrations and may be using the area as nursery are the sargasso of whales

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occur in the Sargasso Sea and Humpback Whilega (ptera novaeanglia) emake regular migrations through the area en route from Caribbean to the northern North Atlantic. Many other species including several tuna spp., turtles, rays and swordfish migrate through the Sargasso Setais truly an ecological crossroads in the Atlantic Oceanlinking its own distinct ecosystem with Africa, the Americae Caribbearand Europe

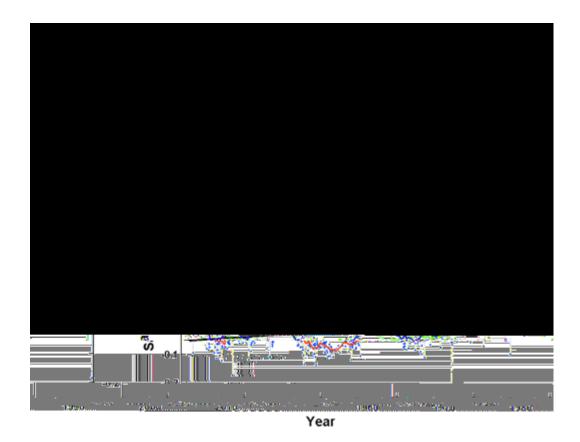


Figure 2. Time

4. Ecosystem Services

The economic importance of the Sargasso Sea is derived

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