	Reference	Oceanic region	Region	Maximum cells L^{-1}	Environmental conditions
Iberian Margin	This study	Portuguese Margin	CALIBERIA (outer-shelf)	3×10^5	Summer regime, colder and more nutrient waters
	This study	Portuguese Margin	RAIA (inner shelf)	2×10^5	Summer regime, warmer and oligotrophic waters
	Cachão et al. (2000)	Portuguese Margin	Northwest (Oporto)	2.7×10^5	Winter regime, upwelling conditions, and local runoff
	Silva et al. (2008)	Portuguese Margin	Central West Lisbon Bay	2×10^3	Declining phase of the upwelling event
	Guerreiro et al. (2013)	Portuguese Margin	Central West (Cape Carvoeiro)	1.5×10^5	Winter regime, upwelling conditions but decreasing nutrient content, river discharge
	Abrantes and Moita (1999)	Portuguese Margin	Southwest (Cape Saint Vincent)	3×10^4	Summer regime, warmer waters
	Cachão et al. (2000)	Portuguese Margin	Southwest (Cape Saint Vincent)	8.4×10^4	Winter regime, upwelling conditions
Other major upwelling areas in the Atlantic Ocean	Abrantes et al. (2002)	North Atlantic	NW Africa	5×10^3	Local upwelling
	Kinkel et al. (2000)	Equatorial Atlantic	Equatorial upwelling	3×10^6	Upwelling conditions
	Giraudeau et al. (1993)	South Atlantic	Benguela	4.6×10^5	Low turbulence and low nutrient content
	Mitchell-Innes and Winter (1987)	South Atlantic	South Africa (Cape Peninsula)	2×10^6	Declining phase of the upwelling event