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Table A1. Taxonomic list and abundance of polychaetes from the main estuaries of the Baía de Todos os Santos

Family/Species	Subaé estuary	Paraguaçu estuary	Jaguaripe estuary
Ampharetidae			
Unidentified Ampharetidae	0	0	2
Arenicolidae			
Arenicola sp.	0	0	2
Capitellidae			
Capitella sp.	22	0	0
Notomastus sp.	2	0	0
Cirratulidae			
Aphelochaeta sp. A	11	12	0
Aphelochaeta sp. B	0	2	0
Aphelochaeta sp. C	0	0	152
Chaetozone sp.	0	0	1
Monticellina sp.	6	0	0
Protocirrineris spp.	0	84	0
Tharyx sp.	0	0	3
Timarete sp.	0	26	0
Glyceridae			
Glycera dibranchiata Ehlers, 1868	0	10	4
Glycera lapidum Quatrefages, 1866	7	0	1
Glycera sp. A	0	0	2
Glycera sp. B	0	2	0
Hemipodia californiensis (Hartman, 1938)	0	0	12
Goniadidae			
Glycinde picta Berkeley, 1927	13	2	4
Goniada sp.	0	0	1
Magelonidae			
Magelona papillicornis Müller, 1858	8	0	390
Magelona variomellata Bolivar & Lana, 1986	0	0	36
Maldanidae			
Petaloproctus sp. A	6	0	0
Petaloproctus sp. B	0	8	5
Nereididae			
Alitta succinea (Frey & Leuckart, 1868)	0	3	0
Laeonereis culveri (Webster, 1879)	56	29	135

Neanthes sp.	1	0	0
Neanthes bruaca Lana & Sovierzoski, 1987	0	1	0
Unidentified Nereididae	0	2	0
Oenonidae			
Unidentified Oenonidae	4	1	0
Onuphidae			
Diopatra sp.	1	0	0
Diopatra tridentata Hartman, 1944	0	1	1
Kinbergonuphis sp.	0	0	2
Mooreonuphis lineata Lana, 1991	0	31	3
Opheliidae			
Armandia sp.	0	0	1
Orbiniidae			
Scoloplos (*L.*) *ohlini* (Ehlers, 1901)	52	3	190
Pectinariidae			
Pectinaria sp.	0	3	0
Phyllodocidae			
Eulalia sp.	0	6	0
Eteone sp.	1	0	0
Phyllodoce sp.	0	0	1
Pilargidae			
Parandalia tricuspis (Müller in Grube, 1858)	1	0	12
Sigambra grubei Müller in Grube, 1858	8	2	5
Poecilochaetidae			
Poecilochaetus johnsoni Hartman, 1939	0	17	8
Polynoidae			
Unidentified Polynoidae	1	3	0
Sabellidae			
Unidentified Sabellidae	3	0	0
Serpulidae			
Unidentified Serpulidae	1	0	0
Sigalionidae			
Unidentified Sigalionidae	0	1	0
Spionidae			
Spiophanes bombys (Claparède, 1870)	0	1	11
Paraprionospio sp.	6	3	0
Polydora sp.	0	2	0
Scolelepis sp.	0	0	2
Sternaspidae			
Sternaspis capillata Nonato, 1966	73	0	1
Syllidae			
Syllis sp. A	5	0	0
Syllis sp. B	1	7	0
Terebellidae			
Unidentified Terebellidae A	3	1	0
Unidentified Terebellidae B	0	0	2
Trichobranchidae			
Terebellides sp.	0	2	0

Trichobranchus sp.	0	2	0
Total	292	270	989

Table A2. Average Bray-Curtis similarities (± s.d.) formed by the species and feeding guild matrices among samples from stations #1 to #5 and #6 to #10 (or #11) and between samples from these two groups

Data type	Among samples from #1 to #5	Among samples from #6 to #10 (or #11)	Between groups #1 to #5 and #6 to #10 (or #11)
Jaguaripe species	34.2 (±18.4)	31.2 (±23.8)	5.4 (± 3.9)
Jaguaripe guilds	40.6 (±19.4)	33.1 (±25.0)	6.5 (±4.3)
Paraguaçu species	14.9 (±19.1)	10.3 (±17.9)	8.4 (±16.5)
Paraguaçu guilds	20.6 (±19.6)	20.9 (±25.0)	15.6 (±21.1)
Subaé species	21.3 (±20.3)	26.4 (±26.3)	23.5 (±24.3)
Subaé guilds	31.7 (±23.1)	27.5 (±26.1)	28.0 (±26.1)

Fig. A1. Distribution of the most abundant feeding guilds along the entire salinity gradient at Jaguaripe, Paraguaçu and Subaé estuaries in dry and wet seasons (salinity range was roughly 34 (#1) to 0 (#10 or #11) on low spring tide).

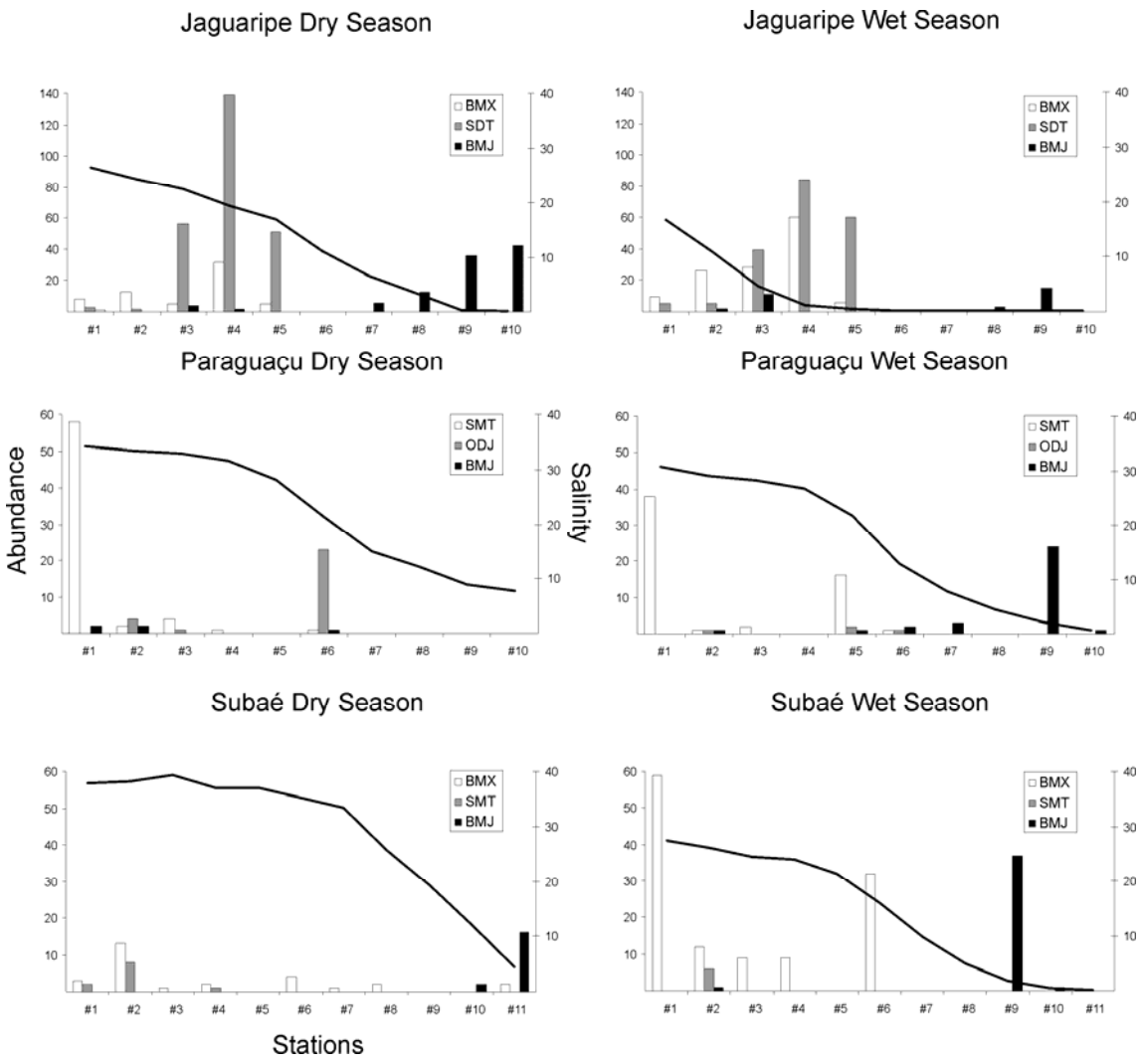

Fig. A2. Percentage of the main sediment fractions along the main estuaries of the Baía de Todos os Santos during the dry and wet seasons.

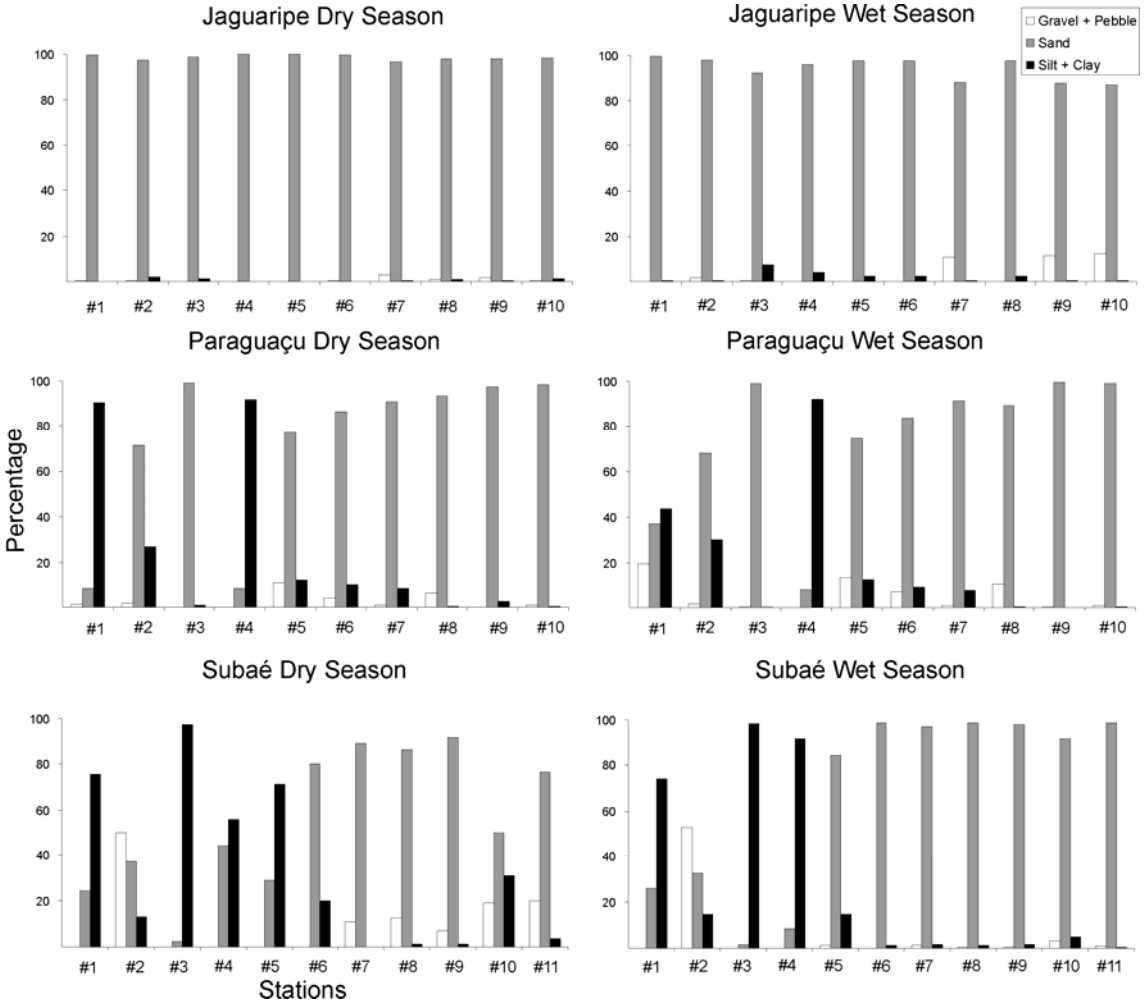

Fig. A3. Schematic idealisation for a high and low estuarine resilience situation. The feeding guild 1 (FG1) is composed of three species (spA, spB and spC) being more redundant than feeding guild 2 (FG2), which is composed solely by spD.