

Figure S1: Separation of stations according to temperature-salinity characteristics of surface samples. Symbols correspond to the regions in Figs. 3 and 4 as follows: a-●, b-▲, c-◻, d-●, e-◻, f-△. Stations characterized as Amazon influenced (region d) showed a change in salinity of at least 1 ppt (ave change = 4 ppt) between surface and depth samples. Note that Sonne 152 samples were not plotted, because no temperature-salinity data were available.