



Figure S2. Spatio-temporal changes in sampling effort, distribution and abundance of *S. alveolata* over time. Time bins were selected based on available records and climatic conditions (a) 1836-1912, cold, 12 records; (b) 1950-1960, mostly warm, 232 records; (c) 1960-1988, cool, 42 records; (d) 1995-onwards, intense warming period, 696 records.