Appendix B. A figure showing depth profiles of soil bulk density, water content, organic content, and total reduced inorganic sulfur concentration at the tidal marsh study sites.

**Fig. B1.** Soil properties of a tidal brackish (Jack Bay; filled symbols) and freshwater marsh (Jug Bay; open symbols) on the Patuxent River, Maryland. Data in panels A to C are from cores collected in October 2002. Soil depths in panels A to C were corrected for compaction that occurred during sampling and therefore do not exactly correspond with nominal depths in the text. Each point is the mean (± SD) of duplicate cores. (D) Total reduced inorganic sulfur (TRIS) concentrations calculated following distillation of SO$_4^{2-}$ reduction subcores in June, July, and August. Error bars are ± 1 SE, $n = 2$ to 5 cores per data point.