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Scott C. Neubauer, Kim Givler, SarahKeith Valentine, and J. Patrick Megonigal. 2005. Seasonal patterns and plant-mediated controls of subsurface wetland biogeochemistry. *Ecology* 86:3334–3344.

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.

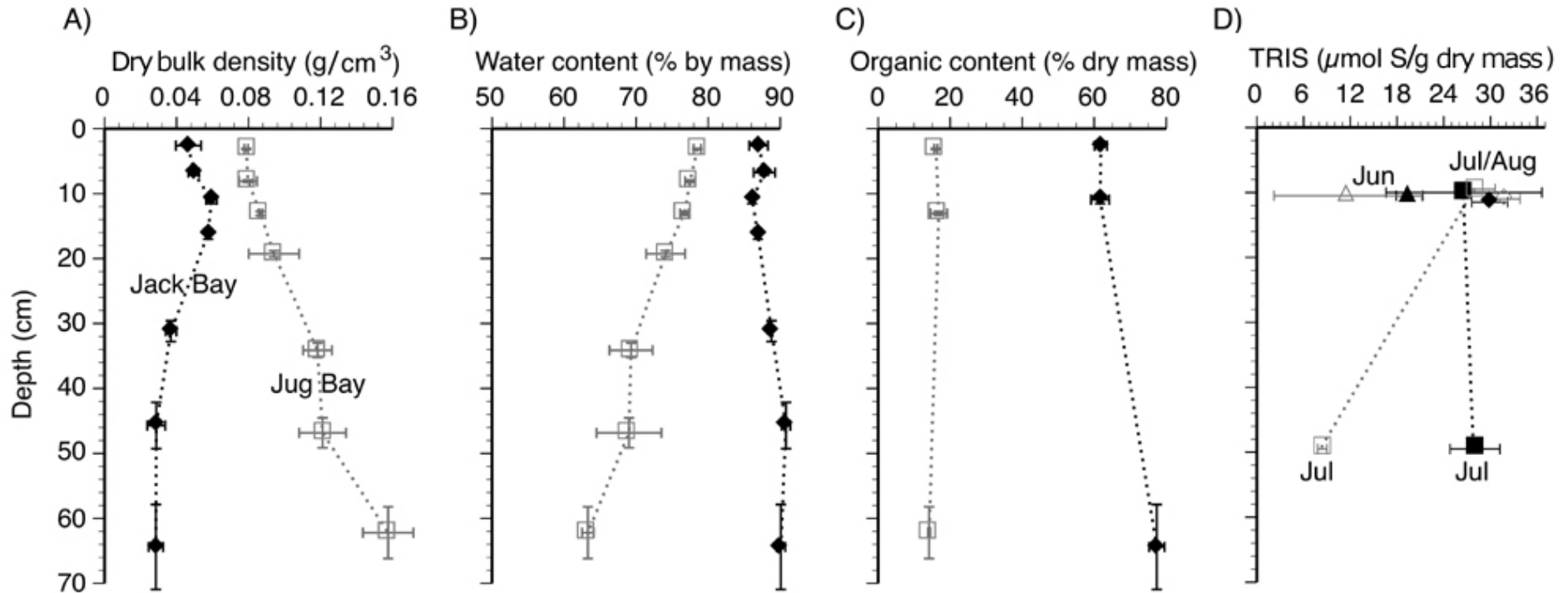


FIG. B1. Soil properties of a tidal brackish (Jack Bay; filled symbols) and freshwater marsh (Jug Bay; open symbols) on the Patuxent River, Maryland. Data in panels A to C are from cores collected in October 2002. Soil depths in panels A to C were corrected for compaction that occurred during sampling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

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