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Study of Salt Marsh Restoration Success in Dodge Paddock and Beal Preserve Salt Marsh, Stonington, CT

Data was collected to track the growth rates of both mature and newly planted *Spartina alterniflora* and *Spartina patens* to study the effectiveness of a salt marsh restoration project. Measurements were recorded in Dodge Paddock and Beal Preserve Salt Marsh, the restoration site, and Barn Island Salt Marsh, the control site. The growth for *Spartina alterniflora* generally increased weekly for both locations and plant types, mature or plug. The growth rate for the mature *Spartina alterniflora* in Dodge Paddock and Beal Preserve was considerably higher than the mature plants of Barn Island (Figure 1). Additional data collection is needed to properly identify a pattern of growth for *Spartina patens* in Dodge Paddock and Beal Preserve (Figure 2).