

Growth Non-Uniformity of *Typha Angustifolia* in a Small Marsh

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Typha has an important role in littoral wetland and freshwater ecosystems due to its salient potential for use in the treatment of polluted water. Studies on how it reproduces and spreads, how rapidly it grows in a variety of conditions of nutrient availability were conducted. To carry out experimental studies to estimate the growth of *Typha angustifolia* stand in a small area, and how it depends on trophic conditions of the substrate. Nutrient dependency for both aboveground and belowground biomass under phosphorus limitation condition was clearly appeared in this small marsh. There are two apparent differences in the ratio of belowground biomass to aboveground biomass. The results give that two ecotypes of translocation and assimilation were adapted to two different phosphorus levels.