



Nutrient and Organic Components Mobilization in leaves of *Excoecaria agallocha* L. during Senescence

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Abstract: *Excoecaria agallocha* is the true mangrove species exhibits senescence. The nutrients and organic constituents in the leaf show variations in green and senescent leaves. The chlorophyll a content in green leaves is more and chlorophyll b is less. Protein and proline is adversely correlated. Among the nutrients, N and Mg content is more in green leaves and the rest of the elements are increased in the senescent leaves. This may be because, the excess nutrients absorbed by the plants recycled back into the environments through the leaves.

Keywords: Mangrove, *E. agallocha*, Senescence, Minerals, Organic constituent
