

Molecular Profile of *Synedrella nodiflora* (L.) Gaertn. from three different altitudes based on *atpB* - *rbcL* IGS

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Abstract	Nodeweed (<i>Synedrella nodiflora</i> (L.) Gaertn.) is the only member of genus <i>Synedrella</i> , which is widely distributed over many tropical countries. It has been reported as potentially having many benefits for human life, but it is also commonly found as broad-leaf weed in several crops. In addition to its wide distribution, this species can also grow in a wide range of altitudes. This study was aimed to assess molecular profile of <i>S. nodiflora</i> in three different levels of altitudes, i.e. 0, 130, and 800 m above sea level respectively. Intergenic spacer (IGS) <i>atpB</i> - <i>rbcL</i> was used as the molecular marker. It was shown that no genetic difference among samples from the three altitudes was observed, indicating that any difference that may appear in the phenotype is merely due to morphological and/or physiological adaptation.
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