

Table 1: List of seaweeds and seagrasses found in the lagoon of Pulau Layang Layang

| Division/Order/Family | Species |
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| DIVISION CHLOROPHYTA | |
| ORDER CAULERPALES | <i>Caulerpa lentillifera</i> J. Agardh |
| FAMILY CAULERPACEAE | <i>Caulerpa serrulata</i> J. Agardh <i>Caulerpa</i> sp. |
| FAMILY UDOTEACEAE | <i>Chlorodesmis hildebrandtii</i> A. Gepp and E.S. Gepp <i>Udotea argentea</i> Zanardini <i>Tydemania expeditionis</i> Weber van Bosse |
| FAMILY HALIMEDACEAE | <i>Halimeda discoidea</i> Decaisne <i>Halimeda</i> sp. <i>Halimeda opuntia</i> (Linnaeus) Lamouroux |
| ORDER SIPHONOCLADALES | |
| FAMILY VALONIACEAE | <i>Dictyosphaeria cavernosa</i> (Forsskal) Borgesen |
| ORDER DASYCLADALES | |
| FAMILY DASYCLADACEAE | <i>Neomeris annulata</i> Dickie <i>Neomeris vanbosseae</i> Howe |
| DIVISION PHAEOPHYTA | |
| ORDER FUCALES | |
| FAMILY SARGASSACEAE | <i>Turbinaria ornata</i> (Turner) J. Agardh |
| ORDER DICTYOTALES | |
| FAMILY DICTYOTACEAE | <i>Padina minor</i> Yamada |
| DIVISION RHODOPHYTA | |
| ORDER BONNEMAISONIACEAE | |
| FAMILY GALAXAURACEAE | <i>Galaxaura oblongata</i> (Ellis and Solander) Lamouroux <i>Galaxaura fasciculata</i> Kjellman |
| ORDER GELIDIALES | |
| FAMILY GELIDIACEAE | <i>Gelidiella acerosa</i> (Forsskal) Feldmann and Hamel |
| ORDER CERAMIALES | |
| FAMILY RHODOMELACEAE | <i>Laurencia obtuse</i> (Hudson) Lamouroux |
| ORDER CRYPTONEMIALES | |
| FAMILY PEYSSONNELIACEAE | <i>Peyssonelia rubra</i> (Greville) J. Agardh |
| FAMILY HYDROHARITACEAE | <i>Halophila ovalis</i> (R. Brown) Hooker f. |
| FAMILY POTAMOGETONACEAE | <i>Halodule uninervis</i> (Forsskal) Ascherson |