

京都府阿蘇海における褐藻ミヤベモク *Sargassum miyabei* の現存量 (短報)
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Biomass and seasonal changes in *Sargassum miyabei* populations in Aso Lagoon, Kyoto Prefecture

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Sargassum miyabei was the only species of Sargassaceae in Aso Lagoon, Kyoto Prefecture. Biomass and seasonal changes in an *S. miyabei* population in Aso Lagoon were monitored from 2008 to 2011. Annual plant growth decreased tremendously in the latter 2 years of that period, which was considered to be due to inferior growth in the growing season. Additionally, we considered that the growth of *S. miyabei* was inhibited by low temperature and low salinity. This finding indicates the need to conserve and restore the *S. miyabei* population at this site.

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