

Keragaman Morfologi Kerang Hotate (*Patinopecten yessoensis*) di Teluk Funka Hokkaido Jepang

Title	Keragaman Morfologi Kerang Hotate (<i>Patinopecten yessoensis</i>) di Teluk Funka Hokkaido Jepang
Author Order	2 of 3
Accreditation	
Abstract	Hotate scallop are cold water species that can only be cultivated in cold waters. Consumption of <i>Patinopecten yessoensis</i> , Jay 1857 from Japan and other countries shows greater demand, so research related to hotate scallop is important to manage hotate culture and its broodstock to maintain continuous supply of this marine product. The purpose of this study is to determine the similarities and dissimilarities morphological characters of hotate scallop in Funka Bay Japan based on landmark characteristics. Data collection technique used was purposive sampling. Morphological measurements was conducted using Image-J software, principle component analysis using PAST software. The results indicate that the level of similarity of hotate scallop in cluster I is 70% and in cluster II is 85%. The principal components of hotate scallop morphometric landmarks is growth line number A20, A21, A22, A23, A25 from total 35 landmarks.
Publisher Name	Fakultas Perikanan dan Ilmu Kelautan
Publish Date	2023-06-25
Publish Year	2023
Doi	DOI: 10.20884/1.maiyah.2023.2.2.8827
Citation	
Source	MAIYAH
Source Issue	Vol 2 No 2 (2023): Maiyah : Vol.2 No.2 Juni 2023
Source Page	139-147
Url	https://jos.unsoed.ac.id/index.php/maiyah/article/view/8827/4092
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