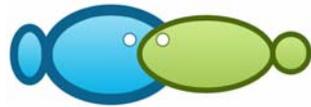


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Bawole R., Mudjirahayu, Rembet U. N. W. J., Amir A., Runtuboi F., Sala R., 2018 Exploitation rate of *Plectropomus leopardus* (Pisces: Serranidae) taken from Rumberpon Island water, Cenderawasih Bay National Park, Indonesia. *AACL Bioflux* 11(1):19-28.

Trisyani N., 2018 Fishing technique and environmental factors affecting the size of razor clam *Solen sp.* in Indonesia coast. *AACL Bioflux* 11(1):29-36.

Ebi I., Lal T. M., Ransangan J., Yong A. S. K., Shapawi R., 2018 Susceptibility of hybrid grouper (*Epinephelus fuscoguttatus* female x *Epinephelus lanceolatus* male) to *Vibrio harveyi* VHJR7. *AACL Bioflux* 11(1):37-42.

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Widowati I., Zainuri M., Kusumaningrum H. P., Maesaroh Y., Hardivillier Y., Leignel V., Bourgougnon N., Mouget J.-L., 2018 Identification of agents causing vibriosis in *Litopenaeus vannamei* shrimp culture in Kendal, Central Java, Indonesia and application of microalgae *Dunaliella salina* and *Tetraselmis chui* as bio-control agents against vibriosis. *AACL Bioflux* 11(1):101-107.

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