

ISSN 2798-2955



JOURNAL *of* *Fish Health*

Vol. 4, No. 4, November 2024

JOURNAL
OF FISH HEALTH



Published by

AQUACULTURE *Department*
UNIVERSITY OF MATARAM

EDITORIAL BOARDS

Editor in Chief:

Andre Rachmat Scabra (University of Mataram) Indonesia

Journal Editors:

Adni Oktaviana (Lampung State Polytechnic) Indonesia

Dewi Nurhayati (Diponegoro University) Indonesia

Dewi Putri Lestari (University of Mataram) Indonesia

Dwi Febrianti (National Research and Innovation Agency) Indonesia

Reviewers:

1. Prof. Widanarni (IPB University) Indonesia

2. Dr. Woro Hastuti Satyantini (Airlangga University) Indonesia

3. Prof. Sri Andayani (Brawijaya University) Indonesia

4. Dr. Ignatius Hardaningsih (Gadjah Mada University) Indonesia

5. Dr. Petrus Hary Tjahja Soedibya (Jenderal Soedirman University) Indonesia

6. Prof. Esti Handayani Hardi (Mulawarman University) Indonesia

Journal of Fish Health (JFH)

Department of Aquaculture, Faculty of Agriculture, Mataram University,

Pendidikan St. No. 37 Mataram, 83125

Email: jfh@unram.ac.id

Table of Contents

No	Authors	Title	Pages
1	Aisyah, Yuli Andriani	Review of Adaptation and Histopathological Changes of the Fish Respiratory System to Parasites and Diseases	157-167
2	Umidayati, Iftita Khoirini Sofia, Sinung Rahardjo, Erni Marlina, Sumiarsih, Muktar, Deni Aulia, Artin Indrayati, Khaerudin, Nunung Sabariyah	Effectiveness of Sanitation Treatment for Natural Bloodworms (<i>Tubifex</i> sp.) in Breeding Siamese Catfish (<i>Pangasius hypophthalmus</i>)	168-178
3	Angraeni, Syeiqido Sora Datu, Nurfaidah, Rahmatang	Mapping Potential Fishing Zones for Skipjack Tuna (<i>Katsuwonus pelamis</i>) Using Satellite Imagery	179-187
4	Kiki Haetami, Agung S. Meidito	Exploration and Processing of Pigment Source Feed Materials for Ornamental Fish Feed	188-199
5	Maryani, Mohamad Rozik, Milad Madiyahati, Yuli	Inhibition Test of <i>Uncaria cordata</i> (Lour.) Merr Extract Against Pathogenic Bacteria of Freshwater Fish In Vitro	200-207
6	Nuri Muahiddah, Thoy Batun Citra Rahmadani	Identification of Flavonoid Content Extracted from Mangosteen Peel (<i>Garcinia mangostana</i>) Sourced from Mataram, West Nusa Tenggara	208-214
7	Wastu Ayu Diamahesa, Thoy Batun Citra Rahmadani	Natural Feed Administration During Fattening Stage for the Growth of Mud Crabs (<i>Scylla</i> sp.) Under Different Rearing Systems	215-223
8	Dela Shinta Maharani, Muhammad Sumsanto	PCR (Polymerase Chain Reaction) Method As A Detector of IMNV (<i>Infectious myonecrosis virus</i>) Disease in Vaname Shrimp (<i>Litopenaeus vannamei</i>)	224-234
9	Maulani Eviana, Alis Mukhlis, Fariq Azhar	Growth of Sea Grapes (<i>Caulerpa lentillifera</i>) in Laboratory-Scale Cultivation With Urea As A Single Nitrogen Nutrient	235-246
10	Sahrul Alim, Lalu Mukhtar Atmawinata, Septiana Dwiyantri, Yuliana Asri	Evaluation of the Ca-Mg Mineral Ratio in the Media Cultivation on the Growth Performance of Freshwater Prawns (<i>Macrobrachium rosenbergii</i>)	247-253

No	Authors	Title	Pages
11	Septiana Dwiyanti, Nuri Muahiddah	Analysis of Length-Weight Relationship of Mackerel Scad Scad (<i>Decapterus</i> sp.) Landed in Ampenan Fish Market, West Nusa Tenggara Province	254-261
12	Bagus Dwi Hari Setyono, Rhojim Wahyudi, Yuliana Asri, Damai Diniariwisan, Muhammad Sumsanto	Characterization of Microplastic Contamination of Whiteleg Shrimp (<i>Litopenaeus vannamei</i>) Cultivation in North Lombok, Indonesia	262-272
