

# **Aquaculture, Aquarium, Conservation & Legislation - International Journal of the Bioflux Society**

**Online ISSN 1844–9166; Print ISSN 1844-8143**

Since 1980

Published bimonthly by Bioflux, in cooperation with the Natural Sciences Museum Complex, Constanța, Romania. The journal publishes original research articles, short communications, and review papers in the fields of:

Aquaculture (Biology, Technology, Economics, Marketing)  
Fish Genetics and Improvement  
Aquarium Sciences  
Fisheries and Ichthyology  
Aquatic Ecology  
Conservation of Aquatic Resources  
Aquatic-related Legislation and Policy

Our journal is a good opportunity for you to publish your papers on time, color, both printed and online, open access, unlimited pages. The journal allows the author(s) to hold the copyright without restrictions. This is an open-access journal distributed under the terms of the Creative Commons Attribution License CC-BY, which permits unrestricted use, distribution and reproduction in any medium, provided the original author and source are credited. The journal welcomes contributions from researchers worldwide. Manuscripts should be submitted to: [ioan.mag@usamvcluj.ro](mailto:ioan.mag@usamvcluj.ro)

AACL Bioflux is an international peer-reviewed journal. Each published article was independently seen before by two Scientific Reviewers and at least one linguist. Peer-review policy in AAAL Bioflux: double blind peer-review. The editors use a soft for screening the plagiarism. Acceptance rate: about 50%. Electronic submission is required.

Because many authors withdrew their manuscript in final form just before the payment of the publication fee, our policy has changed (30 January 2023). The publication fee was replaced by a processing fee (300 USD), which is paid after a preliminary evaluation (not at the end). Our evaluation has two steps. 1)A preliminary evaluation by the editor (the author gets a preliminary acceptance or rejection); 2)An external double blind peer-review (at this point the author gets a final decision: acceptance or rejection). Please note that if the manuscript will not be published, the author or his/her institution gets the money back (except the cases of poor feedback from authors or withdrawal/rejection due to multiple submissions). We inform the authors about our final decision (acceptance or rejection) in 3-8 weeks after their submission. The average overall time from submission of the manuscript to publication is 10 weeks. Faster processing involves a tax of priority (200 USD).

Manuscript processing fee: 300 USD (or equivalent in EURO or RON);

Manuscript processing fee with priority: 500 USD (or equivalent in EURO or RON);

Publication fee: 0 USD.

The journal has a waiver policy for developing country authors (only for cases of very good quality manuscripts). When the manuscript's first author is a member of the Editorial Board Expanded (AAAL Bioflux), there is no processing fee. Please attach a scanned payment document and email to [ioan.mag@usamvcluj.ro](mailto:ioan.mag@usamvcluj.ro)

Payment to: Bioflux SRL

Account no. 213USDCRT00L2861401  
SWIFT CODE of the bank: BTRLRO22

IBAN:

USD: RO68BTRL01302202L28614XX BANCA TRANSILVANIA (Cluj-Napoca)  
EURO: RO19BTRL01304202L28614XX BANCA TRANSILVANIA (Cluj-Napoca)  
RON: RO44BTRL01301202L28614XX BANCA TRANSILVANIA (Cluj-Napoca)

### **Statement of human and animal rights**

When reporting experiments on human subjects, authors should indicate whether the procedures followed were in accordance with the ethical standards of the responsible committee on human experimentation (institutional and national) and with the Helsinki Declaration of 1975, as revised in 2000 (5). If doubt exists whether the research was conducted in accordance with the Helsinki Declaration, the authors must explain the rationale for their approach, and demonstrate that the institutional review body explicitly approved the doubtful aspects of the study. When reporting experiments on animals, authors should indicate whether the institutional and national guide for the care and use of laboratory animals was followed (International Committee of Medical Journal Editors - "Uniform Requirements for Manuscripts Submitted to Biomedical Journals"- February 2006 – cited by Pubmed, Medline database).

### **Statement of informed consent**

Patients have a right to privacy that should not be infringed without informed consent. Identifying information, including patients' names, initials, or hospital numbers, should not be published in written descriptions, photographs, and pedigrees unless the information is essential for scientific purposes and the patient (or parent or guardian) gives written informed consent for publication. Informed consent for this purpose requires that a patient who is identifiable be shown the manuscript to be published. Authors should identify individuals who provide writing assistance and disclose the funding source for this assistance. Identifying details should be omitted if they are not essential. Complete anonymity is difficult to achieve, however, and informed consent should be obtained if there is any doubt. For example, masking the eye region in photographs of patients is inadequate protection of anonymity. If identifying characteristics are altered to protect anonymity, such as in genetic pedigrees, authors should provide assurance that alterations do not distort scientific meaning and editors should so note (International Committee of Medical Journal Editors - "Uniform Requirements for Manuscripts Submitted to Biomedical Journals"- February 2006 – cited by Pubmed, Medline database).

### **Conflict-of-interest statement**

Public trust in the peer review process and the credibility of published articles depend in part on how well conflict of interest is handled during writing, peer review, and editorial decision making. Conflict of interest exists when an author (or the author's institution), reviewer, or editor has financial or personal relationships that inappropriately influence (bias) his or her actions (such relationships are also known as dual commitments, competing interests, or competing loyalties). These relationships vary from those with negligible potential to those with great potential to influence judgment, and not all relationships represent true conflict of interest. The potential for conflict of interest can exist whether or not an individual believes that the relationship affects his or her scientific judgment. Financial relationships (such as employment, consultancies, stock ownership, honoraria, paid expert testimony) are the most easily identifiable conflicts of interest and the most likely to undermine the credibility of the journal, the authors, and of science itself (International Committee of Medical Journal Editors - "Uniform Requirements for Manuscripts Submitted to Biomedical Journals"- February 2006 – cited

by Pubmed, Medline database). However, conflicts can occur for other reasons, such as personal relationships, academic competition or intellectual passion, and the Chief Editor will do his best to avoid them, using specific policies in the process of peer-review.

### **Authors responsibilities**

- All authors have significantly contributed to the research
- All authors are obliged to provide retractions or corrections of mistakes, in case of detection
- List of references should be provided by authors
- Information on financial support should be provided by authors in Acknowledgement section
- It is forbidden to publish same research in more than one journal.

### **Peer-review, publication policies, and publication ethics**

- Judgments is external and objective
- Reviewers have no conflict of interest
- Reviewed articles are treated confidentially prior to their publication
- Bioflux Publishing House takes reasonable steps to identify and prevent the publication of papers where research misconduct has occurred
- In the event that the publisher or editors are made aware of any allegation of research misconduct the publisher or editor shall deal with allegations appropriately
- Corrections, clarifications, retractions and apologies are accepted. Correction of any published article after the official publication date is not allowed in the same document. A scientific journal is not a website. Corrections, clarifications and apologies written by the authors are allowed by separate Note or Erratum. Retracting of a manuscript is made by publisher in the case when plagiarism or other particular issues are reported.
- In the case that our journal is no longer published, Bioflux Publishing House has agreements with several databases which are allowed to conserve and republish the old content at any time and unlimited number of copies, both as electronic and hardcopies. Bioflux Publishing House is archived by The Legal Deposit Bucharest (National Library) and by The County Legal Deposit in Cluj-Napoca (Octavian Goga Library).

### **Data Sharing Policy**

#### **1. Policy Statement**

AACL Bioflux is committed to promoting transparency, reproducibility, and integrity in scientific research. We support responsible data sharing as an essential component of scholarly communication and encourage authors to make the data underlying their findings openly available whenever possible.

This policy applies to all manuscripts submitted to the journal and is consistent with international standards for editorial best practices and research transparency.

#### **2. Author Responsibilities**

Authors are required to:

Include a Data Availability Statement in all submitted manuscripts.

Clearly indicate whether the data supporting the findings of the study are:

Publicly available,

Available upon reasonable request, or

Restricted due to ethical, legal, or confidentiality considerations.

Ensure that shared data are accurate, complete, and sufficiently documented to allow replication and verification of the reported results.

Authors are strongly encouraged to deposit their data in recognized public repositories appropriate to their discipline.

#### **3. Data Availability Statement**

All manuscripts must include a Data Availability Statement specifying one of the following:

The repository name, persistent identifier (e.g., DOI), and access link if data are publicly available.

The conditions under which data may be accessed if restrictions apply.

A clear explanation if no new data were generated or analyzed.

Example statement:

"The data supporting the findings of this study are available in [repository name] at [DOI or URL], or from the corresponding author upon reasonable request."

#### 4. Recommended Data Repositories

Authors are encouraged to use trusted repositories that provide:

Persistent identifiers (e.g., DOI)

Long-term preservation

Public accessibility

Appropriate metadata and documentation

Examples include institutional repositories, discipline-specific repositories, or general repositories such as Zenodo, Dryad, Figshare, or equivalent platforms.

#### 5. Ethical and Legal Considerations

Data sharing must comply with:

Patient privacy and confidentiality requirements

Informed consent provisions

Institutional and national regulations

Ethical approval conditions

Sensitive data involving human participants must be de-identified prior to sharing, unless explicit consent for identifiable data sharing has been obtained.

Where legal or ethical restrictions prevent public sharing, authors must clearly state these limitations.

#### 6. Editorial and Peer Review Access

Editors and peer reviewers may request access to underlying data during the review process to evaluate the scientific validity of the manuscript. Authors must provide such data upon request, unless prohibited by legal or ethical constraints.

Failure to provide requested data may result in rejection of the manuscript.

#### 7. Compliance and Enforcement

Failure to comply with this policy may result in:

Manuscript rejection,

Publication delays,

Retraction of published articles if data integrity concerns arise.

The journal reserves the right to request data verification at any stage before or after publication.

#### 8. Exceptions

Exceptions to data sharing requirements may be granted in cases involving:

Legal restrictions,

Ethical or privacy concerns,

Proprietary or confidential data.

Such exceptions must be clearly justified in the Data Availability Statement.

#### 9. Policy Scope and Alignment

This policy is aligned with international editorial standards and supports the principles of:

Research transparency

Reproducibility

Scientific integrity

Responsible data stewardship

The journal periodically reviews and updates this policy to maintain compliance with evolving indexing and ethical standards.

#### 10. Contact Information

Questions regarding this policy should be directed to the Editorial Office at:  
ioan.mag@usamvcluj.ro

#### **Archiving policy**

We send hardcopies, regularly (according to Romanian legislation), to Legal Deposit at "Biblioteca Nationala a Romaniei" (six samples) and also to a local Legal Deposit in Cluj-Napoca: Biblioteca Judeteana "Octavian Goga" (one sample).

#### **Advertising policy**

Our journals do not accept or display any form of advertising, sponsored content, or commercial promotions. No third-party advertising networks are used, and there is no advertising revenue associated with our publications.

#### **Artificial Intelligence (AI) Use and Disclosure Policy**

We allow the use of artificial intelligence tools in manuscript preparation, provided that any substantive contribution generated by AI is clearly disclosed and appropriately cited in the text.

#### **Editorial Board**

##### **Editor-in-Chief**

Petrescu-Mag I. Valentin: USAMV Cluj, Cluj-Napoca, University of Oradea (Romania), IBFF (Moldova)

Gavriloaie Ionel-Claudiu (alternate): SC Bioflux SRL, Cluj-Napoca (Romania).

##### **Editors**

Abdel-Rahim Mohamed M.: National Institute of Oceanography and Fisheries, Alexandria (Egypt)

Adascalitei Oana: Maritime University of Constanta, Constanta (Romania)

Amira Aicha Beya: Badji Mokhtar Annaba University, Annaba (Algeria)

Arockiaraj A. Jesu: SRM University, Chennai (India)

Appelbaum Samuel: Ben-Gurion University of the Negev (Israel)

Baharuddin Nursalwa: Universiti Malaysia Terengganu, Terengganu (Malaysia)

Balint Claudia: USAMV Cluj, Cluj-Napoca (Romania)

Boaru Anca: USAMV Cluj, Cluj-Napoca (Romania)

Bora Florin D.: USAMV Cluj, Cluj-Napoca (Romania)

Borzan Mihai Marian: USAMV Cluj, Cluj-Napoca (Romania); EAAP, Rome (Italy)

Brasovean Ioan: USAMV Cluj, Cluj-Napoca (Romania)

Breden Felix: Simon Fraser University (Canada)

Burny Philippe: Universite de Liege, Gembloux (Belgium)

Caipang Cristopher M.A.: Temasek Polytechnic (Singapore)

Chapman Frank: University of Florida, Gainesville (USA)

Cimpean Adrian: USAMV Cluj, Cluj-Napoca (Romania); EAAP, Rome (Italy)

Coroian Aurelia: USAMV Cluj, Cluj-Napoca (Romania)

Coroian Cristian: USAMV Cluj, Cluj-Napoca (Romania)

Creanga Steofil: Iasi University of Life Sciences "Ion Ionescu de la Brad" (Romania)

Cristea Victor: Dunarea de Jos University of Galati, Galati (Romania)

Daescu Adela Maria: USAMV Cluj, Cluj-Napoca (Romania)

Das Simon Kumar: James Cook University, North Queensland (Australia)

Dimaggio Matthew A.: University of Florida (USA)

Georgescu Bogdan: USAMV Cluj, Cluj-Napoca (Romania)  
Karayucel Ismihan: University of Sinop, Sinop (Turkey)  
Khamesipour Faham: Shiraz University, Shiraz (Iran)  
Kosco Jan: Presov University, Presov (Slovakia)  
Kovacs Eniko: USAMV Cluj, Cluj-Napoca (Romania)  
Kucska Balázs: Hungarian University of Agriculture and Life Sciences, Kaposvár (Hungary)  
Maxim Aurel: USAMV Cluj, Cluj-Napoca (Romania)  
Mehrad Bahar: Gorgan University of Agricultural Sciences and Nat. Res. (Iran)  
Miclaus Viorel: USAMV Cluj, Cluj-Napoca (Romania)  
Mihai Mihaela: USAMV Cluj, Cluj-Napoca (Romania)  
Molnar Kalman: Hungarian Academy of Sciences, Budapest (Hungary)  
Mousavi-Sabet Hamed: University of Guilan, Someh Sara, Guilan (Iran)  
Muchlisin Zainal Abidin: Universiti Sains (Malaysia), Syiah Kuala University (Indonesia)  
Muntean George Catalin: USAMV Cluj, Cluj-Napoca (Romania)  
Nowak Michal: University of Agriculture in Krakow (Poland)  
Nyanti Lee: Universiti Malaysia Sarawak, Sarawak (Malaysia)  
Odagiu Antonia: USAMV Cluj, Cluj-Napoca (Romania); BENA, Thessaloniki (Greece)  
Olivotto Ike: Universita Politecnica delle Marche, Ancona (Italy)  
Oroian Firuta Camelia: USAMV Cluj, Cluj-Napoca (Romania)  
Papuc Tudor: USAMV Cluj, Cluj-Napoca (Romania)  
Parvulescu Lucian: West University of Timisoara (Romania)  
Pasarin Benone: Iasi University of Life Sciences "Ion Ionescu de la Brad" (Romania)  
Pattikawa Jesaja Ajub: Pattimura University, Ambon (Indonesia)  
Petrescu Dacinia Crina: Babes-Bolyai University, Cluj-Napoca (Romania), Universite de Liege, Gembloux (Belgium)  
Petrescu-Mag Ruxandra Malina: Babes-Bolyai University, Cluj-Napoca (Romania), Universite de Liege, Gembloux (Belgium)  
Petrovici Milca: West University of Timisoara (Romania)  
Pratasik Silvester Benny: Sam Ratulangi University, Manado (Indonesia)  
Putri A. R. Sahni: Hasanuddin University, Makassar (Indonesia)  
Ray Sunuram: Khulna University (Bangladesh)  
Rhyne Andrew: Roger Williams University; New England Aquarium, Boston (USA)  
Ruchin Alexander B.: Joint Directorate of the Mordovia State Nature Reserve and National Park «Smolny», Saransk (Russia)  
Rusu Teodor: USAMV Cluj, Cluj-Napoca (Romania)  
Safirescu Calin: USAMV Cluj, Cluj-Napoca (Romania)  
Sándor Zsuzsanna J.: National Agriculture Research and Innovation Center, Gödöllő (Hungary)  
Serrano Jr. Augusto E.: University of the Philippines Visayas (Philippines)  
Sima Nicusor-Flavius: USAMV Cluj, Cluj-Napoca (Romania); BENA, Thessaloniki (Greece)  
Tlusty Michael F.: New England Aquarium, Boston (USA)  
Vesa Stefan Cristian: Iuliu Hatieganu UMF, Cluj-Napoca (Romania)  
Vintila Iuliana: Dunarea de Jos University of Galati, Galati (Romania)  
Wariaghli Fatima: University Mohammed V in Rabat, Rabat (Morocco)  
Yusli Wardiatno: Bogor Agricultural University, Bogor (Indonesia).

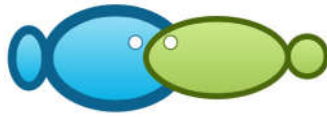
### **Contact Publisher**

SC Bioflux SRL, 54 Ceahlău Street, Cluj-Napoca, 400488, Romania, European Union.

Ioan Valentin Petrescu-Mag, e-mail: zoobiomag2004@yahoo.com

Note that there is also an electronic version of the journal. You may download the fulltext version of AACL Bioflux – Volume 19/2026 from <http://www.bioflux.com.ro/aac/> – open access.

**AACL Bioflux, Volume 19(1)  
February 28, 2026**



**Contents**

Vodounnou J. V., Azonwadje J., Iko R., Luthada-Raswiswi R., Niass F., Micha J. C., 2026 Substitution of mucuna seeds (*Mucuna pruriens*) with soybean seeds (*Glycine max*) in the diet of *Oreochromis niloticus*: growth performance, hematological profile, and economic analysis. AAAL Bioflux 19(1):1-13.

Pantelimon C., Petrescu-Mag R. M., Tenter A., 2026 Climate change and water governance in the European Union: A brief analytical overview. AAAL Bioflux 19(1):14-21.

Idris U., 2026 Local tradition of the Biak people in Owi Island for marine resources conservation. AAAL Bioflux 19(1):22-35.

Chung T. H., Thomas M., Munir M. B., Asdari R., Hannan M. A., 2026 Comparative evaluation of Chinese herbal extracts and synthetic hormones for male *Oreochromis* spp. production in clay ponds. AAAL Bioflux 19(1):36-46.

Mario N. G., Perez J. A. L., Rabadon M. L. L., 2026 Inhibitory potential of two brackish water fish species in Bataan, Philippines, against presumptive *Vibrio parahaemolyticus* causing AHPND. AAAL Bioflux 19(1):47-53.

Rostika R., Utama M. I. C., Wijayanti L. A. S., 2026 Monitoring the feeding behavior of *Panulirus homarus* (Linnaeus, 1758) through artificial intelligence technology in a floating net cage in Pangandaran Regency. AAAL Bioflux 19(1):54-67.

Kulikowski T., Szulecka O., Kabiesz D., 2026 An analysis of consumer attitudes and purchasing behaviour in the fish and seafood market. AAAL Bioflux 19(1):68-86.

Molina J. R. H., Bersaldo M. J. I., Roquero D. D., 2026 Influence of human pressure and environment variables to seagrass community in Sarangani, Davao Oriental, Philippines. AAAL Bioflux 19(1):87-99.

Wijayanto D., Nugroho R. A., Kurohman F., Nursanto D. B., Kurnia D. J., 2026 The effect of bay leaf (*Syzygium polyanthum*) enrichment in artificial feed on growth and profitability of barramundi (*Lates calcarifer*) cultivation. AAAL Bioflux 19(1):100-108.

Paruntu C. P., Rumengan A. P., Roring J. I., Mandiagan E. S., 2026 Nematocyst morphology as a taxonomic tool to distinguish between *Pachyseris rugosa* and *Pachyseris speciosa*. AAAL Bioflux 19(1):109-116.

Sidqi M., Bengen D. G., Priyanta M., Anggraini E., 2026 Utilization of marine spatial and adaptive governance for sustainable ecotourism in the Gili Matra Marine Protected Area, West Nusa Tenggara, Indonesia. AAAL Bioflux 19(1):117-130.

- Sari M., Murniasih T., Layuk T. S., Untari F., Siwi O. G. R., Rasyid A., 2026 Evaluation and profiling of an anti-mycobacterium active compound derived from Indonesian marine sponge *Aptos* sp. *AACL Bioflux* 19(1):131-139.
- Riza A. H. A., Wijayanto D., Hapsari T. D., Kurohman F., Setyawan H. A., 2026 Stock assessment of yellowtail fusilier in the Karimunjawa Islands, Indonesia. *AACL Bioflux* 19(1):140-149.
- Socorro A. J. S., Noli J. C. C., 2026 Squash (*Cucurbita maxima*) peel powder as a phytoadditive in diets of African catfish (*Clarias gariepinus*) fingerlings. *AACL Bioflux* 19(1):150-159.
- Lapu P., Pagaya J., Hiarij A., Tanasale M. F. J. D. P., 2026 Antibacterial activity of chitosan of vannamei shrimp (*Litopenaeus vannamei*) shells from Molucca Sea on *Vibrio alginolyticus*. *AACL Bioflux* 19(1):160-170.
- Abit L. Y., Ikhsan N. F. M., Ismail M. F. S., Latif K., 2026 The effects of claw removal on the feeding ability and feed preferences of the mangrove stone crab (*Myomenippe hardwickii*). *AACL Bioflux* 19(1):171-177.
- Ngo T. T. T., Le N. Q., Tran K. D. N., Duong H. N., Vu D. T., 2026 Environmental conditions and population patterns of the mangrove clam, *Geloina coaxans*, in U Minh Thuong zones, An Giang Province, Vietnam. *AACL Bioflux* 19(1):178-189.
- Fransis C. M., Kanno H., Matsuishi T. F., 2026 Consistent ELEFAN estimation of growth curve parameters and biological reference points using medians. *AACL Bioflux* 19(1):190-204.
- Nguyen H. D., Truong H. T. B., Le T. V., Vu D. T., Nguyen G. T. T., 2026 Ability to convert nutrients from the wastewater of autotrophic and mixotrophic shrimp farming into *Artemia* biomass. *AACL Bioflux* 19(1):205-215.
- Frananda H., Iskarni P., Sari F. M., Ismail M., Purnamasari E., Khairi A. I., 2026 Multi-temporal assessment of mangrove degradation in Padang Pariaman Regency using remote sensing and machine learning approaches. *AACL Bioflux* 19(1):216-226.
- Maria N. S. B., Susilowati I., Iskandar D. D., Hafidz Z. A., Furoida A. N., Wardhani A. A., Suciati I., 2026 Mapping the potential of the blue economy in efforts to improve the welfare of small-scale fishers, case study of Morodemak Village, Demak Regency, Central Java Province. *AACL Bioflux* 19(1):227-240.
- Tam L. T., Hao D. P. A., Hau P. L. P., Han D. T. M., Thong L. V., Hoa N. V., 2026 Evaluation of the role of *Bacillus subtilis* on life performance of *Artemia franciscana*. *AACL Bioflux* 19(1):241-255.
- Tarigan D. J., Simbolon D., Taurusman A. A., Imron M., Noegroho T., 2026 Potential decrease of *Octopus cyanea* population based on size distribution and gonad maturity stages in Kaur waters, Bengkulu, Indonesia. *AACL Bioflux* 19(1):256-265.
- Muzahar, Suryanti A., Viruly L., 2026 Ecobiology of gonggong conch *Laevistrombus turturella* in Madong Bay, Tanjungpinang for culture effort. *AACL Bioflux* 19(1):266-280.
- Merly S. L., Melmambessy E. H. P., Welliken M. A., Mulyani Y., Pringgencies D., 2026 Commercial mangrove clams from Merauke, South Papua: molecular identification and population dynamics. *AACL Bioflux* 19(1):281-289.

Setioko W., Saputra S. W., Wijayanto D., Sabdaningsih A., 2026 The sustainability of blue swimming crab (*Portunus pelagicus*) in the Java Sea, Indonesia: an approach to biological aspects and spawning potential. *AACL Bioflux* 19(1):290-305.

Sari R. I., Wahyuningtyas A. D., Amalia I. R., Permana D., Soetanti E., Aulia R., Siregar Z. A., Habullah D., Garnawansah G., 2026 Bioremediation potential of *Caulerpa racemosa* for lead (Pb) and cadmium (Cd) removal from seawater: growth performance and metal uptake mechanisms. *AACL Bioflux* 19(1):306-313.

Piliana W. O., Mansyur A., Siang R. D., Azis N., Nur A. I., Kasim M., Intihanah, Mustafa A., 2026 Performance of the capture fisheries sub-sector for the welfare of fishermen (a case study in North Kolaka District, Indonesia). *AACL Bioflux* 19(1):314-326.

Effendi I., Nedi S., Pratomo A., Syakti A. D., Mursawal A., Cahyani N. K. D., Hussin H., Kurniawan R., Deliana E., 2026 Legal protection aspects, local community cultures, habitat, and DNA barcoding analysis of critically endangered *Sphyrna lewini* (Griffith & Smith, 1834) in Riau Archipelago, Indonesia. *AACL Bioflux* 19(1):327-341.

Helmizuryani, Dwirastina M., Nizar M., Hidayat S., Muslimin B., Khotimah K., Swarlanda, 2026 Assessment of spatial distribution of plankton and fish resources in Bangka Island waters. *AACL Bioflux* 19(1):342-354.

Nasution P., Kholis M. N., Brown A., Yolandika C., Onja, Hiqmah N., 2026 Evaluation of the legal-size proportion of mud crabs (*Scylla* spp.) caught by traditional traps as a basis for sustainable management in Indragiri Hilir Regency, Riau Province, Indonesia. *AACL Bioflux* 19(1):355-366.

Limbong I., Wisudo S. H., Nurani T. W., Yusfiandayani R., 2026 Supply chain integration and economic sustainability of traditional salted fish processing: evidence from *Scomberoides tol* (Cuvier, 1832) in Sibolga City, Indonesia. *AACL Bioflux* 19(1):367-379.

Hong N. T. X., Dung N. V., 2026 Expression profile of immune-related genes in *Artemia franciscana* challenged with luminescent and non-luminescent variants of *Vibrio harveyi* wild type and quorum sensing mutants. *AACL Bioflux* 19(1):380-392.

Nolial J. C. C., Gonzales-Plasus M. M., 2026 Sex ratio, carapace width-weight relationship, and relative condition factor of three-spotted crabs *Portunus sanguinolentus* (Herbst, 1783) from Northwestern San Miguel Bay, Camarines Norte, Philippines. *AACL Bioflux* 19(1):393-405.

Indra I., Aisy A. T. R., Zikria V., Sofyan S., 2026 Bio-economic model of mackerel tuna fisheries (*Euthynnus affinis*) in the northern waters of Aceh. *AACL Bioflux* 19(1):406-416.

