



DAFTAR PUSTAKA

- Abdul Aziz, M., Abbasi, A. M., Ullah, Z., & Pieroni, A. (2020). Shared but Threatened: The Heritage of Wild Food Plant Gathering among Different Linguistic and Religious Groups in the Ishkoman and Yasin Valleys, North Pakistan. *Foods*, 9(5), 601. <https://doi.org/10.3390/foods9050601>
- Abe, R., & Ohtani, K. (2013). An ethnobotanical study of medicinal plants and traditional therapies on Batan Island, the Philippines. *Journal of Ethnopharmacology*, 145(2), 554–565. <https://doi.org/10.1016/j.jep.2012.11.029>
- Abubakar, Abdurrahman, M., Sulandjari, K., Arsyrahmatika, G. A., & Sari, D. A. (2024). Feasibility and Development Strategies for Mangrove Fruit-Based Products in Karawang, West Java. *International Journal of Design & Nature and Ecodynamics*, 19(2), 415–423. <https://doi.org/10.18280/ijdne.190207>
- Adame, M. F., Reef, R., Santini, N. S., Najera, E., Turschwell, M. P., Hayes, M. A., Masque, P., & Lovelock, C. E. (2021). Mangroves in arid regions: Ecology, threats, and opportunities. *Estuarine, Coastal and Shelf Science*, 248(December 2019), 106796. <https://doi.org/10.1016/j.ecss.2020.106796>
- Adinugraha, F., Zubaidah, S., Lestari, S. R., & Chua, K. H. (2024). Ethnobiology of Plants and Animals Used as Ubarampe in The Kepungan Tradition of The Javanese Community of Somongari, Purworejo District, Indonesia. *Biodiversitas Journal of Biological Diversity*, 25(8), 2521–2532. <https://doi.org/10.13057/biodiv/d250824>
- Aji, R. R., & Faniza, V. (2024). Community-Based Ecotourism: A Case Study of Pentingsari Village. *Journal of Architectural Research and Design Studies*, 8(1). <https://doi.org/10.20885/jars.vol8.iss1.art8>
- Akanni, A., Onwuteaka, J., Uwagbae, M., Mulwa, R., & Elegbede, I. O. (2018). The Values of Mangrove Ecosystem Services in the Niger Delta Region of Nigeria. In *The Political Ecology of Oil and Gas Activities in the Nigerian Aquatic Ecosystem* (Vol. 1980, pp. 387–437). Elsevier. <https://doi.org/10.1016/B978-0-12-809399-3.00025-2>
- Akhmar, A. M., Rahman, F., Supratman, Hasyim, H., & Nawir, M. (2023). The Cultural Transmission of Traditional Ecological Knowledge in Cerekang, South Sulawesi, Indonesia. *Sage Open*, 13(4), 1–17. <https://doi.org/10.1177/21582440231194160>
- Al-Fatimi, M. (2024). Traditional knowledge of wild plants on traditional tools, materials, products and economic practices in southern Yemen. *Journal of Ethnobiology and Ethnomedicine*, 20(1), 62. <https://doi.org/10.1186/s13002-024-00698-5>
- Alasbahi, R. H., & Al-Hawshabi, O. S. S. (2021). A Review on Some Cultivated and Native Poisonous Plants in Aden Governorate, Yemen. *Electronic Journal of University of Aden for Basic and Applied Sciences*, 2(2), 54–70. <https://doi.org/10.47372/ejua-ba.2021.2.91>
- Albuquerque, U. P., Cunha, L. V. F. C. da, Lucena, R. F. P., & Alves, R. R. N. (2019). Methods and Techniques in Ethnobiology and Ethnoecology. In



- Methods and Techniques in Ethnobiology and Ethnoecology* (Vol. 1, Issue January). <http://link.springer.com/10.1007/978-3-319-52872-4>
- Albuquerque, U. P., Maroyi, A., Ladio, A. H., Pieroni, A., Abbasi, A. M., Toledo, B. A., Dahdouh-Guebas, F., Hallwass, G., Soldati, G. T., Odonne, G., Vandebroek, I., Vallès, J., Hurrell, J. A., Pardo de Santayana, M., La Torre-Cuadros, M. de los Á., Silva, M. T. P., Jacob, M. C. M., da Fonseca-Kruel, V. S., & Ferreira Júnior, W. S. (2024). Advancing Ethnobiology for The Ecological Transition and A More Inclusive and Just World: A Comprehensive Framework for the Next 20 Years. *Journal of Ethnobiology and Ethnomedicine*, 20(1). <https://doi.org/10.1186/s13002-024-00661-4>
- Ali, M. I., Malik, A., & Rahim, A. (2022). Environmental Knowledge and Attitude of Coastal Community in Decision Making to Participate in Mangrove Rehabilitation in Sinjai District South Sulawesi Indonesia. *International Journal of Sustainable Development and Planning*, 17(8), 2579–2584. <https://doi.org/10.18280/ijdsdp.170826>
- Alimbon, J., & Manseguiao, M. R. S. (2021). Community knowledge and utilization of mangroves in Panabo Mangrove Park, Panabo City, Davao del Norte, Philippines. *International Journal of Bonorowo Wetlands*, 11(2), 51–57. <https://doi.org/10.13057/bonorowo/w110201>
- Ansoridani, H., Duryat, Riniarti, M., & Yuwono, S. B. (2023). Pola Zonasi dan Keragaman Jenis Vegetasi Mangrove Di Desa Sidodadi, Kabupaten Pesawaran, Provinsi Lampung. *Wanamukti*, 26(1), 13–24. <https://doi.org/http://dx.doi.org/10.35138/wanamukti.v26i1.579>
- Aryni, Y., Hasibuan, A. L., Prawiyata, Y. D., Sari, K., Ii, H., Aryni, Y., Hasibuan, A. L., Prawiyata, Y. D., & Sari, K. (2023). The Importance Of Preserving Language As Cultural Heritage. *Jurnal Ilmu Sosial Mamangan*, 12(03), 337–348. <https://doi.org/http://dx.doi.org/10.22202/mamangan.v12i03.7811>
- Astri, R. N., Ramadhan, F., Ummatin, A. K., & Fathurrahman, F. (2024). Pemanfaatan Mangrove Rhizophora apiculata sebagai Produk Ekonomi Kopi Mangrove dalam Upaya Peningkatan Ekonomi Masyarakat Dusun Cemare Desa Lembar Selatan. *Jurnal Wicara Desa*, 2(5), 404–413. <https://doi.org/10.29303/wicara.v2i5.5590>
- Astuti, D. F., Syukur, M., Gani, H. A., Sakka, A. R., & Najamuddin. (2022). Ekowisata Mangrove Lantebung Di Permukiman Nelayan Kelurahan Bira Kecamatan Tamalanrea Kota Makassar. *Phinisi Integration Review*, 5(3), 818–823.
- Aswani, S., Lemahieu, A., & Sauer, W. H. H. (2018). Global Trends of Local Ecological Knowledge and Future Implications. *PLoS ONE*, 13(4), 1–19. <https://doi.org/https://doi.org/10.1371/journal.pone.0195440>
- Aumeeruddy, M. Z., & Mahomoodally, M. F. (2020). Traditional Herbal Therapies for Hypertension: A Systematic Review of Global Ethnobotanical Field Studies. *South African Journal of Botany*, 135, 451–464. <https://doi.org/10.1016/j.sajb.2020.09.008>
- Baghersad, R. Z., Piri, K., Abdoli, A., Mehrabian, A. R., & Abdoli, S. (2024). Importance of Using Ethnobiological Knowledge for the Conservation of Medicinal Plants Biodiversity in the Lar Region (Iran). *Journal of Medicinal*



- Plants and By-Products*, 13(1), 21–30.
<https://doi.org/10.22092/JMPB.2022.357916.1457>
- Bano, A., Ahmad, M., Hadda, T. Ben, Saboor, A., Sultana, S., Zafar, M., Khan, M. P. Z., Arshad, M., & Ashraf, M. A. (2014). Quantitative ethnomedicinal study of plants used in the skardu valley at high altitude of Karakoram-Himalayan range, Pakistan. *Journal of Ethnobiology and Ethnomedicine*, 10(1), 43. <https://doi.org/10.1186/1746-4269-10-43>
- Batara, V. S., Salim, A., & Jufriadi. (2020). Strategi Pengembangan Kawasan Wisata Hutan Mangrove Lantebung Kota Makassar. *Journal of Urban Planning Studies*, 01(01), 70–79.
- Bates, V. C., Shevock, D. J., & Prest, A. (2021). Cultural Diversity, Ecodiversity, and Music Education. In *The Politics of Diversity in Music Education, Landscapes: the Arts, Aesthetics, and Education* (Vol. 29, pp. 163–174). https://doi.org/10.1007/978-3-030-65617-1_12
- Beniwal, D., Dhull, S. S., Gulia, V., & Rani, J. (2024). Avicennia: A Mangrove Genus Unveiled Through Its Phytochemistry, Pharmacological, and Ecological Importance. *Rendiconti Lincei. Scienze Fisiche e Naturali*, 35(4), 907–929. <https://doi.org/10.1007/s12210-024-01278-1>
- Bimantara, Y., Basyuni, M., & Selamat, B. (2021). Exploration of Data on The Formation of Two Mangrove Seedling Species to Establish A Growing Stability Point. *IOP Conference Series: Earth and Environmental Science*, 713(1), 012021. <https://doi.org/10.1088/1755-1315/713/1/012021>
- Biswas, C., Channarayapatna, S. V., & Pandey, C. N. (2025). Multifaceted Livelihood Relations of Local Communities with the Indian Sundarbans Mangroves. *Human Ecology*, 53(2), 241–257. <https://doi.org/10.1007/s10745-025-00596-8>
- Budiarti, R. S., Harlis, & Subagyo, A. (2023). Study on the Utilization of Mangrove Forest Plants. *Jurnal Penelitian Pendidikan IPA*, 9(12), 12082–12097. <https://doi.org/10.29303/jppipa.v9i12.6311>
- Buenavista, D., & Purnobasuki, H. (2023). People and Mangroves: Biocultural Utilization of Mangrove Forest Ecosystem in Southeast Asia. *Journal of Marine and Island Cultures*, 12(2), 95–115. <https://doi.org/10.21463/jmic.2023.12.2.07>
- Cañada, M. C. B., Velasco, C. R., & Lota, M. M. (2022). Gender Roles in the Utilization and Challenges in the Management of Mangrove Forests in Casiguran, Aurora, Philippines. *Open Journal of Ecology*, 12(04), 257–270. <https://doi.org/10.4236/oje.2022.124015>
- Clément, D. (1998). The Historical Foundations Of Ethnobiology (1960-1899). *Journal of Ethnobiology*, 18(2), 161–187.
- Come, J., Peer, N., Nhamussua, J. L., Miranda, N. A., Macamo, C. C., Cabral, A. S., Madivadua, H., Zacarias, D., Narciso, J., & Snow, B. (2023). A Socio-Ecological Survey in Inhambane Bay Mangrove Ecosystems: Biodiversity, Livelihoods, and Conservation. *Ocean & Coastal Management*, 244(August), 106813. <https://doi.org/10.1016/j.ocecoaman.2023.106813>
- Cosme, F., Aires, A., Pinto, T., Oliveira, I., Vilela, A., & Gonçalves, B. (2025). A Comprehensive Review of Bioactive Tannins in Foods and Beverages:



- Functional Properties, Health Benefits, and Sensory Qualities. *Molecules*, 30(4), 800. <https://doi.org/10.3390/molecules30040800>
- Daris, L., Yusuf, M., Riana, A. D., Massiseng, A. N. A., Jaya, & Sabiq, M. (2021). Coastal Area Management Strategy Priority of Mangrove Ecotourism in Makassar City and Its Impact on Aquatic Organisms. *AACL Bioflux*, 14(4), 2343–2353.
- Diba, F., Arbiastutie, Y., Darwati, H., Kehutanan, F., Tanjungpura, U., Mendalok, D., & Mempawah, K. (2022). Potensi Tumbuhan Obat dari Hutan Mangrove Kalimantan Barat untuk Agripreneur Masyarakat Sekitar Hutan. *Seminar Nasional Fakultas Pertanian Universitas Jambi*, 75–84.
- Dossou-Yovo, H. O., Kindomihou, V., Vodouhè, F. G., & Sinsin, B. (2021). Assessment of the Diversity of Medico-Magic Knowledge on Four Herbaceous Species in Benin. *The Scientific World Journal*, 2021, 1–11. <https://doi.org/10.1155/2021/6650704>
- Duryat, D., Rodiani, R., & Maryono, T. (2025). Acute Toxicity Study of the Leaf and Fruit Extracts of *Avicennia marina* (Forssk.) on Wistar White Male Mice. *Journal of Multidisciplinary Applied Natural Science*, 5(1), 288–304. <https://doi.org/10.47352/jmans.2774-3047.247>
- Duryat, Yuwono, S. B., Riniarti, M., Hidayat, K. F., Hidayat, W., Rodiani, Damai, A. A., Prasetyo, P., & Dani, H. A. (2024). Species Diversity and Herbal Medicine Utilization of Mangrove Plants: A Comparative Study among Coastal Communities in Lampung. *Jurnal Sylva Lestari*, 12(3), 781–800. <https://doi.org/10.23960/jsl.v12i3.936>
- Ekasari, A. A. K., Partama, I. G. Y., & Martiningsih, N. G. A. G. E. (2024). Collaborative Mangrove Ecosystem Management Strategy to Support Coastal Ecotourism in Pemogan Village, Denpasar City. *AIP Conference Proceedings*, 2961(1), 030002. <https://doi.org/10.1063/5.0197198>
- Fariss, B., DeMello, N., Powlen, K. A., Latimer, C. E., Masuda, Y., & Kennedy, C. M. (2023). Catalyzing Success in Community-Based Conservation. *Conservation Biology*, 37(1), 1–19. <https://doi.org/10.1111/cobi.13973>
- Ferreira Júnior, W. S., Medeiros, P. M., & Albuquerque, U. P. (2022). Evolutionary Ethnobiology. *Ethnobiology and Conservation*, 11(10), 208–221. <https://doi.org/10.15451/ec2022-04-11.10-1-8>
- Fondo, E. N., & Ogutu, B. (2021). Sustainable Crab Fishery for Blue Economy in Kenya. *Aquatic Ecosystem Health & Management*, 24(1), 21–26. <https://doi.org/10.14321/ae hm.024.01.05>
- Frangoudes, K., Herry, J., Mylona, D., Vanlaer, C., & Delaney, A. (2023). Gender, a key dimension for the future of maritime cultural heritage research: cases from Europe and East Asia. *Maritime Studies*, 22(3), 30. <https://doi.org/10.1007/s40152-023-00316-2>
- Friedman, J., Yaniv, Z., Dafni, A., & Palewitch, D. (1986). A Preliminary Classification of The Healing Potential of Medicinal Plants, Based On A Rational Analysis of An Ethnopharmacological Field Survey Among Bedouins in The Negev Desert, Israel. *Journal of Ethnopharmacology*, 16(2–3), 275–287. [https://doi.org/10.1016/0378-8741\(86\)90094-2](https://doi.org/10.1016/0378-8741(86)90094-2)
- Friess, D. A., Chua, S. C., Jaafar, Z., Krauss, K. W., & Yando, E. S. (2021).



- Mangroves and people: Impacts and interactions. *Estuarine, Coastal and Shelf Science*, 248(3), 107155. <https://doi.org/10.1016/j.ecss.2020.107155>
- Friess, D. A., Rogers, K., Lovelock, C. E., Krauss, K. W., Hamilton, S. E., Lee, S. Y., Lucas, R., Primavera, J., Rajkaran, A., & Shi, S. (2019). The State of the World's Mangrove Forests: Past, Present, and Future. *Annual Review of Environment and Resources*, 44(1), 89–115. <https://doi.org/10.1146/annurev-environ-101718-033302>
- Galvão, M. L., Rodrigues, T. N. M., Santos, I. S., & Fernandes, M. E. B. (2024). Traditional ecological knowledge of mangrove wood use on the Brazilian Amazon coast. *Ethnobiology and Conservation*, 13(January). <https://doi.org/10.15451/ec2024-01-13.03-1-19>
- Gnansounou, S. C., Toyi, M., Salako, K. V., Ahossou, D. O., Akpona, T. J. D., Gbedomon, R. C., Assogbadjo, A. E., & Glèlè Kakaï, R. (2021). Local uses of mangroves and perceived impacts of their degradation in Grand-Popo municipality, a hotspot of mangroves in Benin, West Africa. *Trees, Forests and People*, 4, 100080. <https://doi.org/10.1016/j.tfp.2021.100080>
- Hailemariam, M., & Mekonen, S. (2021). Ethnozoology: Fauna and Their Products as Traditional Curative, protective, and preventive medicines and Prospection of Animal Conservation. *Berhan International Research Journal of Science and Humanities*, 5(1), 47–72. <https://doi.org/10.61593/dbu.birjsh.01.01.86>
- Hamza, A. J., Esteves, L. S., Cvitanović, M., & Kairo, J. G. (2024). Global patterns of mangrove resource utilization: a systematic review. *Frontiers in Sustainable Resource Management*, 3. <https://doi.org/10.3389/fsrma.2024.1395724>
- Heinrich, M., Ankli, A., Frei, B., Weimann, C., & Sticher, O. (1998). Medicinal Plants in Mexico: Healers' Consensus and Cultural Importance. *Social Science & Medicine*, 47(11), 1859–1871. [https://doi.org/https://doi.org/10.1016/S0277-9536\(98\)00181-6](https://doi.org/https://doi.org/10.1016/S0277-9536(98)00181-6)
- Hogarth, P. J. (2015a). Comparisons and Connections. In *The Biology of Mangroves and Seagrasses* (Third Edit, pp. 170–187). Oxford University Press. <https://doi.org/10.1093/acprof:oso/9780198716549.003.0009>
- Hogarth, P. J. (2015b). Mangroves and Seagrasses. In *The Biology of Mangroves and Seagrasses* (Issue February, pp. 1–7). Oxford University Press. <https://doi.org/10.1093/acprof:oso/9780198716549.003.0001>
- Hossain, M. D., & Nuruddin, A. A. (2016). Soil and Mangrove: A Review. *Journal of Environmental Science and Technology*, 9(2), 198–207. <https://doi.org/10.3923/jest.2016.198.207>
- Howard, R. J., Krauss, K. W., Cormier, N., Day, R. H., Biagas, J., & Allain, L. (2015). Plant–Plant Interactions in a Subtropical Mangrove-to-Marsh Transition Zone: Effects of Environmental Drivers. *Journal of Vegetation Science*, 26(6), 1198–1211. <https://doi.org/10.1111/jvs.12309>
- Hunn, E. (2007). Ethnobiology in Four Phases. *Journal of Ethnobiology*, 27(1), 1–10. [https://doi.org/10.2993/0278-0771\(2007\)27\[1:EIFP\]2.0.CO;2](https://doi.org/10.2993/0278-0771(2007)27[1:EIFP]2.0.CO;2)
- Indarjani, R., & Wibowo, A. (2021). Studi Etnobotani Mangrove pada Masyarakat Pesisir Muara Gembong , Bekasi , Jawa Barat. *Seminar Nasional Perhimpunan Masyarakat Etnobiologi Indonesia, PMEI ke 5*, 111–115.



- IUCN Red List. (2025). *The IUCN Red List of Threatened Species in 2008*.
<https://www.iucnredlist.org/species/31382/9623321>
- Jagthmi, O., Zeid, I., Ghamdi, K., Heba, H., & Ahmad, M. (2020). Antihyperglycemic, Antioxidant and Antiapoptotic Effect of *Rhizophora mucronata* and *Avicennia Marina* in Streptozotocin-induced Diabetic Rats. *Medical Archives*, 74(6), 421. <https://doi.org/10.5455/medarh.2020.74.421-427>
- Jamarun, N., Ikhlas, Z., & Sari, R. (2024). The Effect of Mangrove Leaf (*Rhizophora apiculata*) Based Diet and Fermented *Tithonia* (*Tithonia diversifolia*) on The Metabolite Status of Kacang Goats. *IOP Conference Series: Earth and Environmental Science*, 1341(1), 012067. <https://doi.org/10.1088/1755-1315/1341/1/012067>
- Jarić, S., Kostić, O., Miletić, Z., Marković, M., Sekulić, D., Mitrović, M., & Pavlović, P. (2024). Ethnobotanical and ethnomedicinal research into medicinal plants in the Mt Stara Planina region (south-eastern Serbia, Western Balkans). *Journal of Ethnobiology and Ethnomedicine*, 20(1), 7. <https://doi.org/10.1186/s13002-024-00647-2>
- Jhariya, B. L., & Pawar, M. (2024). Ethnomedicinal knowledge of Baiga and Gond Tribe and plant diversity in Jagmandal Forest, Mandla, India, with phytosociological diversity and utilization strategies. *Asian Journal of Ethnobiology*, 7(1), 13–21. <https://doi.org/10.13057/asianjethnobiol/y070102>
- Kadaverugu, R., Dhyani, S., Dasgupta, R., Kumar, P., Hashimoto, S., & Pujari, P. (2021). Multiple values of Bhitarkanika mangroves for human well-being: synthesis of contemporary scientific knowledge for mainstreaming ecosystem services in policy planning. *Journal of Coastal Conservation*, 25(2), 32. <https://doi.org/10.1007/s11852-021-00819-2>
- Kaiser, B. A., Hoeberechts, M., Maxwell, K. H., Eerkes-Medrano, L., Hilmi, N., Safa, A., Horbel, C., Juniper, S. K., Roughan, M., Theux Lowen, N., Short, K., & Paruru, D. (2019). The Importance of Connected Ocean Monitoring Knowledge Systems and Communities. *Frontiers in Marine Science*, 6(JUN), 1–17. <https://doi.org/10.3389/fmars.2019.00309>
- Kasihiw, P., Bawole, R., Marwa, J., Murdjoko, A., Wihyawari, A., Heipon, Y., Cabuy, R. L., Benu, N. M. H., Hematang, F., & Leftungun, N. Y. (2024). Mangrove Distribution to Support Biodiversity Management in Teluk Bintuni District, West Papua, Indonesia. *Biodiversitas*, 25(2), 644–653. <https://doi.org/10.13057/biodiv/d250223>
- Khomne, A. V., Wakle, V. B., Naik, N. K. K., & Dhabe, A. S. (2018). Ethnobotanical Survey of Mangroves and their associates in Uttara Kannada District, Karnataka State. *International Journal of Botany Studies*, 3(3), 22–23.
- Kumar, A., Kumar, S., Komal, Ramchiary, N., & Singh, P. (2021). Role of Traditional Ethnobotanical Knowledge and Indigenous Communities in Achieving Sustainable Development Goals. *Sustainability*, 13(6), 3062. <https://doi.org/10.3390/su13063062>
- Kuspraningrum, E., Luth, T., Yuliati, Y., Safa'at, R., & Kuspradini, H. (2020). Review: The conservation of Tengger indigenous people's traditional



- knowledge of biological natural resource-based disease treatments. *Biodiversitas Journal of Biological Diversity*, 21(11), 5040–5053. <https://doi.org/10.13057/biodiv/d211108>
- Laalobang, S., Mudita, I. W., & Mau, Y. S. (2021). Local Ecological Knowledge on Food Materials of Land Plant Origin in Kabola Ethnic Communities in Alor District, East Nusa Tenggara Province. *Jurnal Ilmu Lingkungan*, 19(1), 43–52. <https://doi.org/10.14710/jil.19.1.43-52>
- Liu, J., & Wang, Y.-S. (2020). Proline metabolism and molecular cloning of Amp5CS in the mangrove *Avicennia marina* under heat stress. *Ecotoxicology*, 29(6), 698–706. <https://doi.org/10.1007/s10646-020-02198-0>
- Liu, Y., & Song, Y. (2025). The Role of Chinese Folk Ritual Music in Biodiversity Conservation: An Ethnobiological Perspective From The Lingnan Region. *Journal of Ethnobiology and Ethnomedicine*, 21(1), 6. <https://doi.org/10.1186/s13002-025-00755-7>
- Lovelock, C. E., Cahoon, D. R., Friess, D. A., Guntenspergen, G. R., Krauss, K. W., Reef, R., Rogers, K., Saunders, M. L., Sidik, F., Swales, A., Saintilan, N., Thuyen, L. X., & Triet, T. (2015). The vulnerability of Indo-Pacific mangrove forests to sea-level rise. *Nature*, 526(7574), 559–563. <https://doi.org/10.1038/nature15538>
- Łuczaj, Ł. (2023). Descriptive Ethnobotanical Studies Are Needed For The Rescue Operation Of Documenting Traditional Knowledge. *Journal of Ethnobiology and Ethnomedicine*, 19(1), 37. <https://doi.org/10.1186/s13002-023-00604-5>
- Macnae, W. (1969). A General Account of the Fauna and Flora of Mangrove Swamps and Forests in the Indo-West-Pacific Region. In *Advances in Marine Biology* (Vol. 6, Issue C, pp. 73–270). [https://doi.org/10.1016/S0065-2881\(08\)60438-1](https://doi.org/10.1016/S0065-2881(08)60438-1)
- Mandeno, J. A., Tanod, W. A., Cahyono, E., Ansar, N. M. S., Pumpente, O. I., Rieuwpassa, F. J., Rawung, L. D., & Riyadi, P. H. (2023). Characteristics of analog coffee from the mangrove fruit *Rhizophora mucronata* origin Sangihe Islands. *IOP Conference Series: Earth and Environmental Science*, 1260(1), 012055. <https://doi.org/10.1088/1755-1315/1260/1/012055>
- Martínez-Márquez, C. A., Sol Sánchez, Á., Zaldívar Cruz, J. M., Sánchez Soto, S., Del Rivero Bautista, N., & Aliphath Fernández, M. M. (2024). Local Use of Mangroves on the Coast of Southeastern México. *Resources*, 13(11), 154. <https://doi.org/10.3390/resources13110154>
- Meñiza, J. F., Pasco, M. M., & Alimbon, J. A. (2024). A Review of Ethnobotanical Studies Reveals Over 500 Medicinal Plants in Mindanao, Philippines. *Plant Diversity*, 46(5), 551–564. <https://doi.org/10.1016/j.pld.2024.05.001>
- Middleton, L., Astuti, P., Nurokhmah, S., Brown, B. M., Thilsted, S., Brimblecombe, J., & Stacey, N. (2025). Seasonal Nutrient Contribution of Mangrove Aquatic Foods to Fisher Households in West Kalimantan, Indonesia. *BMC Public Health*, 25(1), 1764. <https://doi.org/10.1186/s12889-025-21952-9>
- Moreira dos Santos, N., & Lana, P. (2017). Present and past uses of mangrove wood in the subtropical Bay of Paranaguá (Paraná, Brazil). *Ocean & Coastal Management*, 148, 97–103. <https://doi.org/10.1016/j.ocecoaman.2017.07.003>



- Mughofar, A., Masykuri, M., & Setyono, P. (2018). Zonasi dan Komposisi Vegetasi Hutan Mangrove Pantai Cengkong Desa Karanggandu Kabupaten Trenggalek Provinsi Jawa Timur. *Jurnal Pengelolaan Sumberdaya Alam Dan Lingkungan (Journal of Natural Resources and Environmental Management)*, 8(1), 77–85. <https://doi.org/10.29244/jpsl.8.1.77-85>
- Muhtadi, A., Leidonald, R., Triwibowo, K., & Azmi, N. (2020). Flora Fauna Biodiversity and CSR Implementation in the Mangrove Ecosystem of Bagan Serdang Village, North Sumatra Province. *Jurnal Ilmiah Perikanan Dan Kelautan*, 12(1), 59–72. <https://doi.org/10.20473/jipk.v12i1.17120>
- Mustofa, S., Adli, F. K., Wardani, D. W. S. R., & Busman, H. (2022). Pengaruh Ekstrak Etanol Daun Rhizophora apiculata terhadap Kolesterol Total dan Triglicerida Rattus norvegicus Galur Sprague dawley yang Diinduksi Diet Tinggi Lemak. *Jurnal Kesehatan*, 13(3), 472–478. <https://doi.org/10.26630/jk.v13i3.3178>
- Mwaipopo, R., & Mahongo, S. B. (2021). Adaptive Capacity of Small Pelagic Fishing Communities in Coastal Tanga (Tanzania) to Changes in Climate-Related Phenomena. *Western Indian Ocean Journal of Marine Science*, 2020(1/2020), 127–144. <https://doi.org/10.4314/wiojms.si2020.1.11>
- Ngasotter, S., Xavier, K. A. M., Meitei, M. M., Waikhom, D., Madhulika, Pathak, J., & Singh, S. K. (2023). Crustacean shell waste derived chitin and chitin nanomaterials for application in agriculture, food, and health – A review. *Carbohydrate Polymer Technologies and Applications*, 6(August), 100349. <https://doi.org/10.1016/j.carpta.2023.100349>
- Nijamdeen, T. W. G. F. M., Ephrem, N., & Hug, J. (2023). Understanding the ethnobiological importance of mangroves to coastal communities : A case study from Southern and North-western Sri Lanka. *Marine Policy*, 147(October 2022). <https://doi.org/https://doi.org/10.1016/j.marpol.2022.105391>
- Noor, Y. R., Khazali, M., & Suryadiputra, I. N. N. (2006). *Panduan Pengenalan Mangrove Di Indonesia* (Issue May). Wetlands International Indonesia Programme.
- Nurdin, N., Khumaera, N. I., & Mantu, Y. H. (2021). Analisis Manfaat Langsung Sumberdaya Mangrove Pada Kawasan Ekowisata Mangrove Lantebung Kota Makassar. *PAPALELE (Jurnal Penelitian Sosial Ekonomi Perikanan Dan Kelautan)*, 5(2), 94–99. <https://doi.org/10.30598/papalele.2021.5.2.94>
- Okosodo, E. F., & Sarada, P. M. (2022). Ethnobotanical Study Of Mangrove Forest Epe Lagos State Nigeria. *World Journal of Pharmaceutical and Life of Sciences*, 8(10), 100–105.
- Okui, K., Sawada, Y., & Yoshida, T. (2021). “Wisdom of the Elders” or “Loss of Experience” as a Mechanism to Explain the Decline in Traditional Ecological Knowledge: A Case Study on Awaji Island, Japan. *Human Ecology*, 49(3), 353–362. <https://doi.org/10.1007/s10745-021-00237-w>
- Owuor, M. A., Icely, J., & Newton, A. (2019). Community perceptions of the status and threats facing mangroves of Mida Creek, Kenya: Implications for community based management. *Ocean & Coastal Management*, 175(February), 172–179. <https://doi.org/10.1016/j.ocecoaman.2019.03.027>



- Pancapalaga, W., Ishartati, E., & Ambarwati, T. (2022). The Color Fastness and Quality of Eco-Printed Leather with Different Types of Mordant in Natural Dyes from Mangrove Extract (*Rhizophora mucronata*). *Tropical Animal Science Journal*, 45(3), 368–373. <https://doi.org/10.5398/tasj.2022.45.3.368>
- Pane, A. R. P., Mardijah, S., Widiyastuti, H., Fauzi, M., Noegroho, T., Hidayat, T., & Zamroni, A. (2023). Orange Mud Crab (*Scylla olivacea*) Exploitation at Sorong Waters. *IOP Conference Series: Earth and Environmental Science*, 1224(1), 012011. <https://doi.org/10.1088/1755-1315/1224/1/012011>
- Phillips, O., Gentry, A. H., Reynel, C., Wilkin, P., & Galvez-Durand B, C. (1994). Quantitative Ethnobotany and Amazonian Conservation. *Conservation Biology*, 8(1), 225–248. <https://doi.org/10.1046/j.1523-1739.1994.08010225.x>
- Pranowo. (2018). Preservasi Kearifan Lokal Bahasa Jawa Untuk Menjunjung Watak dan Kepribadian Bangsa Agar Komunikasi Terjaga Kesantunannya. *Konferensi Linguistik Tahunan Atma Jaya 19*, 312–315. <https://ejournal.atmajaya.ac.id/index.php/kolita/article/download/5809/2572/23655>
- Prasetyo, N., Carr, A., Filep, S., Case, T., Prasetyo, N., Carr, A., & Filep, S. (2020). Indigenous Knowledge in Marine Ecotourism Development : The Case of Sasi Laut , Misool , Indonesia Indigenous Knowledge in Marine Ecotourism Development : *Tourism Planning & Development*, 17(1). <https://doi.org/https://www.tandfonline.com/action/showCitFormats?doi=10.1080/21568316.2019.1604424>
- Prashanth, K., & Shiddamallayya, N. (2016). Ethnotoxic Knowledge of Poisonous Plants of Hassan District, Karnataka, India. *International Journal of Applied Biology and Pharmaceutical Technology*, 7(April).
- Purwoko, A., Susilawati, A., & Situmorang, A. I. (2023). Assessing the carrying capacity of mangroves as raw materials for culinary products: Case study in Serdang Bedagai, North Sumatra, Indonesia. *Biodiversitas Journal of Biological Diversity*, 24(1), 250–257. <https://doi.org/10.13057/biodiv/d240130>
- Puspitasari, Y. E., Puspitasari, D. A., Iyati, W., Putra, A. P., Kamila, V., Sumarto, T. A., Gaol, N. L., & Rahayu, A. (2025). Pengembangan Motif Ecoprint dan Pemanfaatan Ranting *Rhizophora mucronata* sebagai Pewarna Alami di Poklahsar Sumber Rejeki, Nguling, Pasuruan, Jawa Timur (Development of Ecoprint Motifs and Utilization of *Rhizophora Mucronata* Twigs as Natural Dye in Poklah. *Jurnal Abdi Insani*, 12(1), 411–420. <https://doi.org/10.29303/abdiinsani.v12i1.2259>
- Raharjo, D. (2022). Efektivitas Penghambatan Enzim Xantin Oksidase Ekstrak Etanol Dan Fraksi Etanol, Fraks Etil Asetat Serta Fraksi N-Heksane Kulit Batang Mangrove Merah (*Rhizopora Mucronata*). *Jurnal Ilmiah Kesehatan*, 15(1), 63–70. <https://doi.org/10.48144/jiks.v15i1.869>
- Rahayu, D. L., & Setyadi, G. (2009). *Mangrove Estuary Crabs of the Mimika Region Papua, Indonesia* (The 6 Book). PT Freeport Indonesia Environmental Department, Research Center for Oceanography of Indonesia Institute of Sciences.



- Rahim, S., & Baderan, D. W. K. (2017). Hutan Mangrove dan Pemanfaatannya. In *Sustainability (Switzerland)* (1st ed., Vol. 11, Issue 1). Deepublish. <http://scioteca.caf.com/bitstream/handle/123456789/1091>
- Rahmadhani, T., Rahmawati, Y. F., Qalbi, R., H. P., N. F., & Husna, S. N. (2021). Zonasi dan Formasi Vegetasi Hutan Mangrove: Studi Kasus di Pantai Baros, Yogyakarta. *Jurnal Sains Dasar*, 10(2), 69–73. <https://doi.org/10.21831/jsd.v10i2.43912>
- Rambey, R., Nelasufa, F., Athoriez, A. P. M., Solihin, S., Rahmawaty, R., Susilowati, A., & Afifuddin, Y. (2024). Ethnobotanical Study of Medicinal Plants by Indigenous Community of Aek Guo Village, Mandailing Natal District, Indonesia. *Biodiversitas Journal of Biological Diversity*, 25(3), 1046–1056. <https://doi.org/10.13057/biodiv/d250318>
- Ribeiro, R. V., Bieski, I. G. C., Balogun, S. O., & Martins, D. T. de O. (2017). Ethnobotanical study of medicinal plants used by Ribeirinhos in the North Araguaia microregion, Mato Grosso, Brazil. *Journal of Ethnopharmacology*, 205(April), 69–102. <https://doi.org/10.1016/j.jep.2017.04.023>
- Rihhadatul'aisy, M. P., Yulianda, F., & Yulianto, G. (2024). Characteristics of Mangrove Ecosystems for Marine Tourism in Pejarakan Village, Buleleng Regency, Bali. *BIO Web of Conferences*, 112. <https://doi.org/10.1051/bioconf/202411207001>
- Rina, O., Rusyantia, A., Hamdani, Purnomo, A., & Sofiyana, A. (2024). Exploration of Rhizophora Mangrove Plants as Functional Food Compounds From The Cuku Nyinyi Ecotourism Area, Sidodadi Village, Pesawaran Regency, Lampung Province. *International Journal of Social Science*, 4(2), 245–250. <https://doi.org/10.53625/ijss.v4i2.8436>
- Rodiani, Duryat, Maryono, T., & Ramdini, D. A. (2023). Avicennia Marina: A Natural Resource for Male Anti-Fertility in Family Planning. *International Journal of Design & Nature and Ecodynamics*, 18(5), 1077–1085. <https://doi.org/10.18280/ijdne.180508>
- Rosulva, I., Hariyadi, P., Budijanto, S., & Sitanggang, A. B. (2022). Physico-chemical characterization of Indonesian mangroves fruits species. *Future of Food: Journal on Food, Agriculture and Society*, 10(5). <https://doi.org/10.17170/kobra-202204136017>
- Rout, P. (2022). Bioprospecting of Underutilized Mangrove Fruits Used by Coastal Communities in The Odisha Coast, India: A Review. *Food Science and Biotechnology*, 31(2), 139–153. <https://doi.org/10.1007/s10068-021-01013-8>
- Saensouk, P., Saensouk, S., Boonma, T., Hanchana, K., Rakarcha, S., Maknoi, C., Chanthavongsa, K., & Jitpromma, T. (2025). Ecological Analysis and Ethnobotanical Evaluation of Plants in Khanthararat Public Benefit Forest, Kantarawichai District, Thailand. *Forests*, 16(6), 1012. <https://doi.org/10.3390/fl6061012>
- Safitri, S., Mulyadi, A., Nofrizal, & Yoswaty, D. (2024). Ecological and Potential Ethnobotanical Characterization of Mangrove Ecotourism Area Sungai Bersejarah, Siak Regency, Riau, Indonesia. *International Journal of Sustainable Development and Planning*, 19(9), 3453–3463. <https://doi.org/10.18280/ijstdp.190915>



- Sari, D. K., Rahman, S. B. Q., Dwiparastana, A., Rahman, G., Wahdini, R., & Anugerah, M. N. (2025). Utilization of Crab Shells as Calcium Flour and Its Application in Processed Fish Nuggets. *Jati Emas (Jurnal Aplikasi Teknik Dan Pengabdian Masyarakat)*, 9(4), 37–42. <https://doi.org/https://doi.org/10.12345/je.v9i4.364>
- Satoto, H. F., & Sudaryanto, A. (2020). *Pengolahan Buah Pedada Menjadi Sirup “ Bogem ” Di Kawasan Wisata Hutan Mangrove Surabaya*. 3, 1–8.
- Satyanarayana, B., Quispe-Zuniga, M. R., Hugé, J., Sulong, I., Mohd-Lokman, H., & Dahdouh-Guebas, F. (2021). Mangroves Fueling Livelihoods: A Socio-Economic Stakeholder Analysis of the Charcoal and Pole Production Systems in the World’s Longest Managed Mangrove Forest. *Frontiers in Ecology and Evolution*, 9(October), 1–13. <https://doi.org/10.3389/fevo.2021.621721>
- Schipper, E. L. F., Revi, A., Preston, B. L., Carr, E. R., Eriksen, S. H., Fernandez-Carril, L. R., Glavovic, B. C., Hilmi, N. J. M., Ley, D., Mukerji, R., Araujo, M. S. M. de, Perez, R., Rose, S. K., & Singh, P. K. (2023). Climate Resilient Development Pathways. In *Climate Change 2022 – Impacts, Adaptation and Vulnerability* (Issue August, pp. 2655–2808). Cambridge University Press. <https://doi.org/10.1017/9781009325844.027>
- Sibero, M. T., Pribadi, R., Ambariyanto, A., Haryanti, D., Kharisma, V. D., Dewo, A. S., Patantis, G. P., Zilda, D. S., & Murwani, R. (2022). Ethnomedicinal Bioprospecting of *Rhizophora apiculata* Leaves through In Silico and In Vitro Approaches as Antioxidant, α -glucosidase Inhibitor and Anticancer. *Biodiversitas Journal of Biological Diversity*, 23(12), 6437–6447. <https://doi.org/10.13057/biodiv/d231242>
- Sigouin, A., Porzecanski, A. L., Betley, E., Gazit, N., Lichtenthal, P., Cheng, S. H., Pacheco, P., & Mahajan, S. L. (2025). Enabling Participatory Monitoring and Evaluation: Insights for Conservation Practitioners and Organizations. *Conservation Science and Practice*, 7(4), 1–10. <https://doi.org/10.1111/csp2.70032>
- Simbiak, M., Supriatna, J., Walujo, E. B., & Nisyawati. (2019). Review: Current status of ethnobiological studies in Merauke, Papua, Indonesia: A perspective of biological-cultural diversity conservation. *Biodiversitas Journal of Biological Diversity*, 20(12), 3455–3466. <https://doi.org/10.13057/biodiv/d201201>
- Sreelekshmi, S., Veettil, B. K., Bijoy Nandan, S., & Harikrishnan, M. (2021). Mangrove forests along the coastline of Kerala, southern India: Current status and future prospects. *Regional Studies in Marine Science*, 41, 101573. <https://doi.org/10.1016/j.rsma.2020.101573>
- Sribianti, I. (2023). *Hutan Mangrove dalam Perspektif Ekologi* (1st ed., Issue Januari). Deepublish.
- Su, W., Xu, W., Polyakov, N. E., Dushkin, A. V, Qiao, P., & Su, W. (2023). Zero-Waste Utilization and Conversion of Shrimp Shell by Mechanochemical Method. *Journal of Cleaner Production*, 425, 139028. <https://doi.org/10.1016/j.jclepro.2023.139028>
- Sultan, S., Telila, H., & Kumsa, L. (2024). Ethnobotany of traditional cosmetics among the Oromo women in Madda Walabu District, Bale Zone, Southeastern



- Ethiopia. *Journal of Ethnobiology and Ethnomedicine*, 20(1), 39. <https://doi.org/10.1186/s13002-024-00673-0>
- Suthari, S., Kota, S., Kanneboyena, O., Gul, M. Z., & Abbagani, S. (2021). Ethnobotanical perspectives in the treatment of communicable and noncommunicable diseases. In R. A. Bhat, K. R. Hakeem, & M. A. B. T.-P. Dervash (Eds.), *Phytomedicine* (pp. 251–289). Elsevier. <https://doi.org/10.1016/B978-0-12-824109-7.00016-9>
- Syamsuddin, N., Santoso, N., & Diatin, I. (2019). Inventarisasi Ekosistem Mangrove di Pesisir Randutatah, Kecamatan Paiton, Jawa Timur. *Jurnal Pengelolaan Sumberdaya Alam Dan Lingkungan (Journal of Natural Resources and Environmental Management)*, 9(4), 893–903. <https://doi.org/10.29244/jpsl.9.4.893-903>
- Tadesse, D., Masresha, G., & Lulekal, E. (2024). Ethnobotanical study of medicinal plants used to treat human ailments in Quara district, northwestern Ethiopia. *Journal of Ethnobiology and Ethnomedicine*, 20(1), 75. <https://doi.org/10.1186/s13002-024-00712-w>
- Tamborrino, R., Dinler, M., Patti, E., Aliberti, A., Orlando, M., De Luca, C., Tondelli, S., Amirzada, Z., & Pavlova, I. (2022). Engaging Users in Resource Ecosystem Building for Local Heritage-Led Knowledge. *Sustainability*, 14(8), 4575. <https://doi.org/10.3390/su14084575>
- Tambunan, H., Nuryawan, A., Iswanto, A. H., Risnasari, I., Basyuni, M., & Fatriasari, W. (2023). Briquettes Made of Branches Wood of Three Mangrove Species Bonded by Starch Adhesive. *Materials*, 16(15), 5266. <https://doi.org/10.3390/ma16155266>
- Tandi, J., Fahri, M., Fatma, N., Anggi, V., Patala, R., & Handayani, T. W. (2023). Effectiveness Test of Mangrove Leaf (*Rhizophora Apiculata*) on Decreasing Blood Glucose Levels and Pancreas Histopatology Streptozotocin Induced Male White Rats. *Jurnal Penelitian Pendidikan IPA*, 9(6), 4596–4604. <https://doi.org/10.29303/jppipa.v9i6.3789>
- Tardío, J., & Pardo-de-Santayana, M. (2008). Cultural Importance Indices: A Comparative Analysis Based on the Useful Wild Plants of Southern Cantabria (Northern Spain)1. *Economic Botany*, 62(1), 24–39. <https://doi.org/10.1007/s12231-007-9004-5>
- Tenorio, A. E. (2025). Priorities of marine ethnobiology : reflections from the perspective of sustainable marine management. *Journal of Ethnobiology and Ethnomedicine*, 21(40), 1–6. <https://doi.org/10.1186/s13002-025-00791-3>
- Tomlinson, P. B. (2016). *The Botany of Mangroves* (2nd Editio). Cambridge University Press.
- Tongco, M. D. C. (2007). Purposive Sampling as a Tool for Informant Selection. *Ethnobotany Research and Applications*, 5, 147. <https://doi.org/10.17348/era.5.0.147-158>
- Topić Popović, N., Lorencin, V., Strunjak-Perović, I., & Čož-Rakovac, R. (2023). Shell Waste Management and Utilization: Mitigating Organic Pollution and Enchancing Sustainability. *Applied Sciences (Switzerland)*, 13(1). <https://doi.org/10.3390/app13010623>
- Torell, E., Castro, J., Lazarte, A., & Bilecki, D. (2021). Analysis of Gender Roles



- in Philippine Fishing Communities. *Journal of International Development*, 33(1), 233–255. <https://doi.org/10.1002/jid.3520>
- Ullah, H., & Badshah, L. (2024). The ethnobotanical heritage of Lotkuh, a high-altitude tribal haven of Chitral, the Eastern Hindu Kush, Pakistan. *Journal of Ethnobiology and Ethnomedicine*, 20(1), 54. <https://doi.org/10.1186/s13002-024-00687-8>
- Ullah, N., Ullah, B., Nauman Khan, M., Kaplan, A., Dossou-Yovo, H. O., Wahab, S., & Iqbal, M. (2024). Quantitative Ethnobotanical Study Of Medicinal Plants Used By Local Communities In Chamla Valley, Buner District, Pakistan. *Ethnobotany Research and Applications*, 28. <https://doi.org/http://dx.doi.org/10.32859>
- Villagómez -Reséndiz, R. (2020). Mapping Styles of Ethnobiological Thinking in North and Latin America: Different Kinds of Integration Between Biology, Anthropology, and TEK. *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences*, 84(May), 101308. <https://doi.org/10.1016/j.shpsc.2020.101308>
- Wang, Y.-S., & Gu, J.-D. (2021). Ecological responses, adaptation and mechanisms of mangrove wetland ecosystem to global climate change and anthropogenic activities. *International Biodeterioration & Biodegradation*, 162(June), 105248. <https://doi.org/10.1016/j.ibiod.2021.105248>
- Wati, D. M., Duryat, D., & Riniarti, M. (2024). Ethnobotanical Analysis of Mangroves as Food Resources in East Lampung. *Jurnal Wasian*, 11(1), 20–26. <https://doi.org/10.62142/t1hm0x58>
- White, W. T., Last, P. R., Dharmadi, Faizah, R., Chodrijah, U., Prisantoso, B. I., Pogonoski, J. J., Puckridge, M., & Blaber, S. J. M. (2013). *Market Fishes of Indonesia* (ACIAR Mono). Australian Centre for International Agricultural Research.
- Wintah, W., Kiswanto, K., Sulistiyowati, E., & Reynaldi, F. (2021). Nutritional Value Content in Mangrove Syrup From *Sonneratia alba* Fruit. *J-Kesmas: Jurnal Fakultas Kesehatan Masyarakat (The Indonesian Journal of Public Health)*, 8(2), 41. <https://doi.org/10.35308/j-kesmas.v8i2.4066>
- Yabrir, B., Touati, M., Adli, B., Bezini, E., Ghafoul, M., Khalifa, S., & Guit, B. (2018). Therapeutic use of spontaneous medicinal flora from an extreme environment (dune cordon) in Djelfa region, Algeria. *Journal of Pharmacy & Pharmacognosy Research*, 6(1), 358–373. https://doi.org/10.56499/jppres18.387_6.5.358
- Yang, X., Liu, J., Pei, Y., Zheng, X., & Tang, K. (2020). Recent Progress in Preparation and Application of Nano-Chitin Materials. *Energy & Environmental Materials*, 3(4), 492–515. <https://doi.org/10.1002/eem2.12079>
- Yin, X., Cai, M., Liu, Y., Zhou, G., Richter-Heitmann, T., Aromokeye, D. A., Kulkarni, A. C., Nimzyk, R., Cullhed, H., Zhou, Z., Pan, J., Yang, Y., Gu, J.-D., Elvert, M., Li, M., & Friedrich, M. W. (2021). Subgroup level differences of physiological activities in marine Lokiarchaeota. *The ISME Journal*, 15(3), 848–861. <https://doi.org/10.1038/s41396-020-00818-5>
- Yulianto, H., Ihsan, Y. N., Sumiarsa, D., Ansari, A., & Hendarmawan. (2024). Assessing the sustainability of The Blue Swimming Crab (*Portunus pelagicus*)



- on The Eastern Coast of Lampung: A Holistic Approach to Conservation and Resource stewardship. *Frontiers in Marine Science*, 11(January), 1–16. <https://doi.org/10.3389/fmars.2024.1304838>
- Zainal, S., Yunanda, R., & Ilham, I. (2024). Actualizing local knowledge for sustainable ecotourism development in a protected forest area : insights from the Gayonese in Aceh Tengah , Indonesia development in a protected forest area : insights from the Gayonese. *Cogent Social Sciences*, 10(1). <https://doi.org/10.1080/23311886.2024.2302212>
- Zank, S., Julião, C. G., de Lima, A. de S., da Silva, M. T., Levis, C., Hanazaki, N., & Peroni, N. (2025). Ethnobiology! Until when will the colonialist legacy be reinforced? *Journal of Ethnobiology and Ethnomedicine*, 21(1), 1. <https://doi.org/10.1186/s13002-024-00750-4>
- Zenderland, J., Hart, R., Bussmann, R. W., Paniagua Zambrana, N. Y., Sikharulidze, S., Kikvidze, Z., Kikodze, D., Tchelidze, D., Khutsishvili, M., & Batsatsashvili, K. (2019). The Use of “Use Value”: Quantifying Importance in Ethnobotany. *Economic Botany*, 73(3), 293–303. <https://doi.org/10.1007/s12231-019-09480-1>
- Zulfadrim, Z., Toyoda, Y., & Kanegae, H. (2019). The Integration of Indigenous Knowledge for Disaster Risk Reduction Practices through Scientific Knowledge: Cases from Mentawai Islands, Indonesia. *International Journal of Disaster Management*, 2(1), 1–12. <https://doi.org/10.24815/ijdm.v2i1.13503>