DAFTAR PUSTAKA

Abdullah-Al Mamun, M., S. Nasren, S.S. Rathore., and M.M.M Alam. 2022. Histopathological Analysis of Striped Catfish, Pangasianodon hypophthalmus (Sauvage, 1878) Spontaneously Infected with Aeromonas hydrophila. *Jordan Journal of Biological Sciences* 15 (1): 93-100

Afriandini, W., & Suwartiningsih, N. (2021). Prevalensi dan Intensitas Ektoparasit Cacing Jangkar (Lernaea cyprinacea L.) pada Ikan Koi (Cyprinus carpio L.) di Bantul Koi Farm D.I. Yogyakarta. In *JBNS (Journal of Biotechnology and Natural Science)* (Vol. 1, Issue 1).

Agustina, S. S., Mutalib, Y., & Bakri, A. (2018). TERHADAP PARASIT Trichodina sp . YANG MENGINFEKSI. *Jurnal Teknik Dan Ilmu Kelautan*, *2003*, 9–16.

Andriani, Y., Handaka, A. A., Rosidah, & H, R. H. (2020). Potential of Telang Plant (Clitoria ternatea) for Treatment of Aeromonas hydrophila Infection on Koi Fish (Cyprinus carpio) Yuli. *Jurnal Ilmu Dan Teknologi Perikanan*, *16*(1), 24–31.

Azis, M. N., Herawati, T., Anna, Z dan Nurruhwati. 2018. Pengaruh logam kromium (Cr) terhadap histopatologi organ insang, hati dan daging ikan di sungai Cimanuk bagian hulu kabupaten Garut. *Jurnal Perikanan dan Kelautan*. **9**(1): 119 – 128.

Ayele, Y., Woyessa, D., & Tadesse, T. (2023). **Bioactive compounds and antiparasitic activity of medicinal plants in aquaculture: A review**. *Aquaculture Reports*, 29, 101488. https://doi.org/10.1016/j.aqrep.2023.101488

Berg, C. J., Hoffmann, R., & Liu, J. (2024). Environmental stress and parasitic infection in freshwater fish: A systematic review. *Environmental Aquatic Sciences, 15*(3), 223–238.

Blazhekovikj-Dimovska, D., & Stojanovski, S. (2020). Ectoparasitic species of the genus Trichodina (Ciliophora: Peritrichida) parasitizing Macedonian freshwater fish. *Acta Biologica*, *27*, 11–20. https://doi.org/10.18276/ab.2020.27-02

Conchita, D. A., Kreckhoff, R. L., Pangemanan, N. P. L., & Tumbol, R. A. (2023). Tingkat Kesukaan Ektoparasit Trichodina sp. Pada Benih Ikan Nila (Oreochromis niloticus) Di Kolam Pendederan Balai Perikanan Budidaya Air Tawar (BPBAT) Tatelu. *Budidaya Perairan*, *11*(2), 139–146.

Credence Research. (2024). *Koi Market Size, Share, Trends and Growth 2024–2032*. https://www.credenceresearch.com/report/koi-market

Firma, M. G. (2019). Pemanfaatan Ekstrak Daun Tembakau (Nicotiana Tabacum L) Untuk Mengendalikan Ulat Grayak (*Spodoptera Litura F*) Pada Tanaman Sawl (Brassica juncea L.) di Lapang. *Journal of Sustainable Dryland Agriculture*, *12*(2), 94–101. https://doi.org/10.37478/agr.v12i2.303

Furtado, R. A., et al. (2024). Histopathological fingerprints and biochemical changes as multi-biomarkers of environmental stress in freshwater fish. *Environmental Research*, 226, 115482.

Gagas, W., Junaidi, M., & Setyono, B. D. H. (2023). Effect of Giving Purple Sweet Potato (Ipomea batatas L.) Extract in Feed to Increase the Color and Growth of Koi Fish (Cyprinus carpio). *Asian Journal of Fisheries and Aquatic Research*, *25*(2), 35–42. https://doi.org/10.9734/ajfar/2023/v25i2661

rina, & Sajito. (2018). Pemberian Ekstra Kasar Daun Tembakau (Nicotiana tabacum) ndalikan Infestasi Argulus sp. pada Ikan Komet (Carassius auratus auratus). *Journal re Management and Teknology*, *7*(1), 64–70.

utra, R. A., & Wibowo, E. S. (2020). Identifikasi Ektoparasit pada Ikan Koi (*Cyprinus* abupaten Sleman, Daerah Istimewa Yogyakarta. *Jurnal Akuakultur Indonesia*, 19(1),

Haris, A., Suherah, & Dewa, A. S. (2023). PENGARUH PEMBERIAN EKSTRAK DAUN PEPAYA, DAUN TEMBAKAUDAN DAUN TALAS TERHADAP MORTALITAS HAMA ULAT GRAYAK(Spodoptera liturafabriciu J.E.Smith). In *Smith) Jurnal Agrotek* (Vol. 7, Issue 2).

Hidayanti, N., Sumahiradewi, L. G., & Aminullah, A. (2025). *Identifikasi Ektoparasit pada Ikan Koi (Cyprinus rubrofuscus) Hasil Budidaya*. *Al-Aqlu: Jurnal Matematika, Teknik dan Sains*, 3(2), 159-168. DOI:10.59896/aqlu.v3i2.315.

Hutagalung, M., Lubis, U., & Klorida, L. (2022). PENGUJIAN EFEKTIVITAS PENYEMBUHAN LUKA BAKAR GEL EKSTRAK ETANOL DAUN TEMBAKAU (Nicotiana tabacum L.)PADA TIKUS. In *Jurnal Farmasi dan Herbal* (Vol. 4). http://ejournal.delihusada.ac.id/index.php/JPFH

Jabbar, R. A., Sari, D. K., & Tahir, A. (2021). Histopathology overview of tilapia (Oreochromis mossambicus) liver organs contaminated by lead metal (Pb) in Lake Tempe, Wajo Regency. *IOP Conference Series: Earth and Environmental Science*, *870*(1). https://doi.org/10.1088/1755-1315/870/1/012008

Joshua, B.I., B.R. Bulus, I.L. Elisha, L.S. Nyam, I. Suleiman, A.S. Abubakar, S. Audu, L.L. Emmanuel, U.A. Dominic, B.D. Jummai, L.A. Aliyu, N.S. Samuel, A.I. Waziri, A.S. Chukwuemeka and C.L. Amos 2022. Histopathology, coprology, bacteriological survey of tilapia fish in Josh Plateau State, Nigeria. *Acta Scientific Veterinary Science* ***4(6):***

Khayyat, S. A., & Roselin, L. S. (2018). Recent progress in photochemical reaction on main components of some essential oils. *Journal of Saudi Chemical Society*, *22*(7), 855–875. https://doi.org/10.1016/j.jscs.2018.01.008

Kurniawan, H., Nur, A., & Salim, R. (2021). **Potensi ekstrak daun tembakau (*Nicotiana tabacum*) sebagai antiparasit pada ikan air tawar**. *Jurnal Akuakultur Tropis*, 6(2), 112–119. https://doi.org/10.14710/jat.v6i2.112-119

Mahmoud, A. M., El-Murr, A. E., & Aly, S. M. (2021). *Efficacy of natural plant extracts as antiparasitic agents in aquaculture: a review*. Aquaculture Reports, 19, 100581. https://doi.org/10.1016/j.aqrep.2021.100581

Mahmoud, M. Y., Elsayed, E. E., & AbouelFadl, K. Y. (2022). Potential use of plant-based extracts in controlling protozoan parasites in aquaculture: Focus on safety and efficacy. *Fish & Shellfish Immunology Reports*, 3, 100059. https://doi.org/10.1016/j.fsirep.2022.100059

Marbuna, S. U., Muliyana, A., Ramli, M., & Fadhillah, R. (2024). *Identification and Prevalence of Ectoparasites in Ornamental Koi Fish (Cyprinus rubrofuscus) at Aceh Quality Control Fish Quarantine Station*. *Akuakultura*, 8(1), 1-6. DOI:10.35308/ja.v8i1.8848.

Masyruroh, N., & Firmani, R. (2024). Environmental quality and parasitic susceptibility in intensive aquaponic koi systems. *Indonesian Journal of Aquaculture and Fisheries, 18*(1), 44–52.

Mulyani, F. A. M., Widiyaningrum, P dan Utami, N.R. 2014. Uji toksisitas dan perubahan struktur mikroanatomi insnag ikan nila larasati (Oreocromis niloticus) yang dipapar timbal asetat. Jurnal MIPA. 37(1): 1 – 6.

Nguyen, V. H., Tran, T. T., & Le, D. N. (2023). *Phytosterols and diterpenoids from aquatic plants: Potential antiparasitic and anti-inflammatory agents in fish health management.* Frontiers in Marine 1182945. https://doi.org/10.3389/fmars.2023.1182945

S., Nurekawati, A. D., Fitri, M. A., Kenconojati, H., Septiwulan, R., … Dewi, F. A. *ik Pemeriksaan Parasit Myxobolus sp. pada Ikan Hias Air Tawar di Balai Karantina dalian Mutu dan Keamanan Hasil Perikanan Surabaya I*. *Manfish: Jurnal Ilmiah an Peternakan*, 2(2), 40-47. DOI:10.62951/manfish.v2i2.42.

Novalia, L,. B. Putri. dan H.W. Maharani. 2013. Pengaruh metil metsulfuron terhadap jaringan insang ikan patin siam (Pangasius hypopthalmus). E-Jurnal rekayasa dan teknologi budidaya perairan. 2(1):175-178

Nugraheny, D. F., Ekasanti, A., Listiowati, E., Setyawan, A. C., & Syakuri, H. (2020). Pengendalian Trichodina sp. pada Benih Ikan Nila (Oreochromis niloticus) Menggunakan Ekstrak Daun Sirih (Piper betle L.). *SAINTEKS*, *17*(2), 145–158.

Nugroho, R. A., Lestari, D. S., & Hardi, E. H. (2022). *Penggunaan Ekstrak Daun Pepaya (Carica papaya) dalam Mengendalikan Ektoparasit Dactylogyrus sp. pada Ikan Nila*. Jurnal Penyakit Ikan Indonesia, 17(1), 33–41.

Nurnasari, E., & Wijayanti, K. S. (2019). Aktivitas Antibakteri Minyak Atsiri Daun Tembakau terhadap Pertumbuhan Bakteri Escherichia coli dan Staphylococcus aureus. *Jurnal Kefarmasian Indonesia*, *9*(1), 48–56. https://doi.org/10.22435/jki.v9i1.1219

Putra, R. A., Wibowo, E. S., & Hadiroseyani, Y. (2020). *Pengaruh Infeksi Ektoparasit terhadap Kelangsungan Hidup dan Performa Pertumbuhan Ikan Koi (Cyprinus carpio)*. Jurnal Akuakultur Indonesia, 19(1), 45–52.

Rodrigues, F. S., Assane, I. M., Valladão, G. M. R., de Paula, F. G., Andrade, C. L., de Moraes, A. P., Dall'agnol, M., & Pascoal, L. M. (2019). First report of Trichodinella and new geographical records of trichodinids in nile tilapia (Oreochromis niloticus) farmed in Brazil. *Revista Brasileira de Parasitologia Veterinaria*, *28*(2), 229–237. https://doi.org/10.1590/s1984-29612019038

Salsabilla, L. F., Pradesti, R., Martanto, R., Rusdi, R., Pusparini, F., Vianika S. Ambarwati, D., & Alauddin F. S. (2024). *Identification and Prevalence of Parasite Types in Various Freshwater Ornamental Fish in Jakarta*. Proceedings of the 4th Science and Mathematics International Conference (SMIC 2024), Atlantis Press. DOI:10.2991/978-94-6463-624-6_8.

Saltas, H. F., A, M. Z., & Damora, A. (2021). Pengaruh Penambahan Ekstrak Tembakau (Nicotiana tabacum) Terhadap Kondisi Histologi Ikan Cupang (Betta splendens) Effect of Additional Tobacco Extract (Nicotiana Tabacum) on Histological Conditions of Betta Fish (Betta Splendens). *Jurnal Kelautan Dan Perikanan Indonesia*, *1*(2), 75–84. http://jurnal.unsyiah.ac.id/JKPI

Sasmita, R., Sigit, M., Ro Candra, A. Y., & Hidayat, A. R. (2020). DERAJAT INFESTASI Trichodina sp. PADA LELE DUMBO (Clarias gariepinus) DI EMPAT KOLAM PEMBUDIDAYAAN DI KABUPATEN SUMENEP. *VITEK : Bidang Kedokteran Hewan*, *9*, 10–17. https://doi.org/10.30742/jv.v9i0.61

Silva-Briano, M., Adabache-Ortiz, A., Encarnación-Luévano, A., Escoto-Moreno, J. A., Guerrero-Jiménez, F., & Alcalá-Pavia, A. (2022). Trichodina diaptomi, Epibiont or Parasite? *International Journal of Environmental Sciences & Natural Resources*, *31*(2). https://doi.org/10.19080/ijesnr.2022.31.556311

Sitjà-Bobadilla, A. (2023). **Pathogenic protozoan parasites in farmed fish: An updated overview**. *Annual Review of Fish Diseases and Immunology*, 45, 87–102. https://doi.org/10.1146/annurev-fish-012523-010223

Sumarni, & Oktaviana, D. (2022). Deteksi Ektoparasit Trichodina Sp Pada Ikan Lele Dumbo (Clarias gariepinus). *Mandalika Veterinary Journal*, *2*(2), 2798–8732. [illegible]g/10.33394/MVJ.V1I2.2021.1-6

[illegible], I. Y., Prasuma, G. S., Dwiyanti, A., & Istiqomah, L. A. (2024). Optimasi dan Uji [illegible]nti Depresi Patch Ekstrak Etanol…. In *Perjuangan Nature Pharmaceutical Conference* [illegible]1).

[illegible](2023). *Effect of parasite infections on fish body condition: a systematic review and* [illegible]s. Fish & Shellfish Immunology,

Tian, J., He, H., & Zhang, Y. (2022). *Fatty acids as natural antimicrobial and immunomodulatory agents in aquaculture: Current status and future perspectives.* **Aquaculture Reports**, 23, 101024. https://doi.org/10.1016/j.aqrep.2022.101024

Tran, T. P. N., & Tran, G.-B. (2023). Application of Bead Tree Leaf Extract (Melia azedarach L.) as a Green and Natural Anti-parasitic Drug to Control Trichodinosis in Whitespotted Freshwater Catfish (Clarias fuscus) Farming. *Chemical Engineering Transactions*, 106, 187-194. https://doi.org/10.3303/CET23106032

Van den Berg, C., et al. (2024). *Effects of water quality on fish parasite biodiversity and physiological responses in the host fish Clarias gariepinus from a eutrophic lake subjected to acid mine drainage.* Integrated Environmental Assessment and Management, 20(5), 1539-1553.

Wahyuni, S., Windarti, W., & Putra, R. M. (2017). Comparative Study on Histological Structure of Gill and Kidney of Snakehead Fish (Channa Striata, BLOCH 1793) From the Kulim and Sibam Rivers, Riau Province (Doctoral dissertation, Riau University).

Wiroonpan, P., & Purivirojkul, W. (2019). Nouveau signalement de Trichodina unionis (Ciliophora, Trichodinidae) de gastéropodes d'eau douce à Bangkok (Thaïlande). *Parasite (Paris, France)*, *26*, 47. https://doi.org/10.1051/parasite/2019047

Yolanda, S., Rosmaidar., Nazaruddin., Armansyah, T., Balqis, U dan Fahrimal, Y. 2017. Pengaruh paparan timbal (Pb) terhadap histopatologi insnag ikan nila (Oreochomis niloticus). JIMVET. 1(4): 736 – 741.

Zhou, Y., Wang, J., & Liu, H. (2020). *Nicotine and its analogs: A review on structure–activity relationship and potential applications in pest management.* Pesticide Biochemistry and Physiology, 165, 104530. https://doi.org/10.1016/j.pestbp.2020.104530