DAFTAR PUSTAKA

Abarenkov, K., Henrik Nilsson, R., Larsson, K., Alexander, I. J., Eberhardt, U., Erland, S., Høiland, K., Kjøller, R., Larsson, E., Pennanen, T., Sen, R., Taylor, A. F. S., Tedersoo, L., Ursing, B. M., Vrålstad, T., Liimatainen, K., Peintner, U., & Kõljalg, U. (2010). The UNITE database for molecular identification of fungi – recent updates and future perspectives. *New Phytologist*, *186*(2), 281–285. https://doi.org/10.1111/j.1469-8137.2009.03160.x.

Ahmad, T., Wang, S., & Liu, Y. (2025). *Aspergillus flavus* and Aflatoxins (3rd Edition). *Toxins*, *17*(7), 326. https://doi.org/10.3390/toxins17070326.

Åhman, S. E., & Bergström, K. E. (2009). Cutaneous carriage of Malassezia species in healthy and seborrhoeic Sphynx cats and a comparison to carriage in Devon Rex cats. *Journal of Feline Medicine and Surgery*, *11*(12), 970–976. https://doi.org/10.1016/j.jfms.2009.04.011.

Aini, A. N., Mongkolsamrit, S., Wijanarka, W., Thanakitpipattana, D., Luangsa-ard, J. J., & Budiharjo, A. (2020). Diversity of Akanthomyces on moths (Lepidoptera) in Thailand. *MycoKeys*, *71*, 1–22. https://doi.org/10.3897/mycokeys.71.55126.

Al-Shuhaib, M. B. S., & Hashim, H. O. (2023). Mastering DNA chromatogram analysis in Sanger sequencing for reliable clinical analysis. *Journal of Genetic Engineering and Biotechnology*, *21*(1), 115. https://doi.org/10.1186/s43141-023-00587-6.

Anbalagan, R., & Sivakami, R. (2018). Fungal Infection in Shrimp Colected from Agniar Estuary, Tamil nadu, India. *International Journal of Pharmacy and Biological Sciences*. 8(4).

Arifa, A. F., Firdhausi, N. F., Hidayati, I., Rachmawati, Y., & Hadi, Moch. I. (2022). Optimization of PCR Protocols for ITS rDNA Amplification of Yeasts Isolated from Apis mellifera Honeycomb. *Jurnal Biota*, *8*(2), 78–87. https://doi.org/10.19109/Biota.v8i2.10181.

Arnold, W. N. (2018). *Yeast Cell Envelopes: Biochemistry, Biophysics, and Ultrastructure*. CRC Press.

Asdinar, A., Asrawati, A., & Adam, A. (2024). Perbandingan Pertumbuhan Jamur *Aspergillus fumigatus* pada Media PDA (Potato Dextrose Agar) dengan Alternatif Media dari Tepung Sagu Rumbia (*Metroxylon Sagu*):. *PharmaCine : Journal of Pharmacy, Medical and Health Science*, *5*(2), 105–113. https://doi.org/10.35706/pc.v5i2.12333

Ashraf, M. J., Shamsizadeh, F., Morovati, H., Hejazinia, S., Kord, M., Ansari, S., Pakshir, K., Shekarkhar, G., & Zomorodian, K. (2022). Accompanying a

semi-nested PCR assay to support histopathology findings of fungal keratitis in formalin-fixed paraffin-embedded corneal samples. *Journal of Clinical Laboratory Analysis*, *36*(12), e24764. https://doi.org/10.1002/jcla.24764.

As-singkily, M., Eisemberg, C., Horne, B. D., Kuchling, G., & Rhodin, A. G. J. (2019). *Chelodina mccordi: The IUCN Red List of Threatened Species 2019: e.T123814489A123814575* [Dataset]. https://doi.org/10.2305/IUCN.UK.2019-1.RLTS.T123814489A123814575.en

Atallah, O. O., Mazrou, Y. S. A., Atia, M. M., Nehela, Y., Abdelrhim, A. S., & Nader, M. M. (2022). Polyphasic Characterization of Four *Aspergillus* Species as Potential Biocontrol Agents for White Mold Disease of Bean. *Journal of Fungi*, *8*(6), 626. https://doi.org/10.3390/jof8060626

Aydin, Y., Orta Yilmaz, B., Yildizbayrak, N., Korkut, A., Arabul Kursun, M., Irez, T., & Erkan, M. (2021). Evaluation of citrinin-induced toxic effects on mouse Sertoli cells. *Drug and Chemical Toxicology*, *44*(6), 559–565. https://doi.org/10.1080/01480545.2019.1614021

Barbosa, L. N., Ferreira Jr, R. S., Luiza Mello, P., Garcia Garces, H., Luana Chechi, J., Frachin, T., De Barros, L. C., De Moraes Guimenes Bosco, S., Bagagli, E., Fernandes Júnior, A., Barraviera, B., & Delazari Dos Santos, L. (2018). Molecular identification and phylogenetic analysis of *Bothrops insularis* bacterial and fungal microbiota. *Journal of Toxicology and Environmental Health, Part A*, *81*(6), 142–153. https://doi.org/10.1080/15287394.2017.1395581

Barnett, J. A., Payne, R. W., & Yarrow, D. (2000). *Yeasts: Characteristics and identification* (Third). Cambridge University Press.

BBKSDA NTT, Wildlife Conservation Society, Departemen Biologi, FMIPA Universitas Indonesia. (2025). Analisis *Emydomyces* sp. Pada Kura-kura Leher Ular Rote di Unit Perlindungan Satwa Kupang. *Report*.

Boekhout, T., Amend, A. S., El Baidouri, F., Gabaldón, T., Geml, J., Mittelbach, M., Robert, V., Tan, C. S., Turchetti, B., Vu, D., Wang, Q.-M., & Yurkov, A. (2022). Trends in yeast diversity discovery. *Fungal Diversity*, *114*(1), 491–537. https://doi.org/10.1007/s13225-021-00494-6.

Borges, B. M., Ramos, R. B. C., Preite, N. W., Kaminski, V. D. L., Alves De Castro, P., Camacho, M., Maximo, M. F., Fill, T. P., Calich, V. L. G., Traynor, A. M., Sarikaya-Bayram, Ö., Doyle, S., Bayram, Ö., De Campos, C. B. L., Zelanis, A., Goldman, G. H., & Loures, F. V. (2023). Transcriptional profiling of a fungal granuloma reveals a low metabolic activity of *Paracoccidioides brasiliensis* yeasts and an actively regulated host immune

response. *Frontiers in Cellular and Infection Microbiology*, *13*, 1268959. https://doi.org/10.3389/fcimb.2023.1268959.

Borman, A. M., & Johnson, E. M. (2023). Changes in fungal taxonomy: Mycological rationale and clinical implications. *Clinical Microbiology Reviews*, *36*(4), e00099-22. https://doi.org/10.1128/cmr.00099-22.

Cafarchia, C., Paradies, R., Figueredo, L. A., Iatta, R., Desantis, S., Di Bello, A. V. F., Zizzo, N., & Van Diepeningen, A. D. (2020). *Fusarium spp* . in Loggerhead Sea Turtles (*Caretta caretta*): From Colonization to Infection. *Veterinary Pathology*, *57*(1), 139–146. https://doi.org/10.1177/0300985819880347.

Cappucino, J. G., & Sherman, N. (2019). *Microbiology: A Laboratory Manual 12th Edition*. Pearson.

Castelo-Branco, D. D. S. C. M., Graça-Filho, R. V. D., Oliveira, J. S. D., Rocha, M. G. D., Araújo, G. D. S., Araújo Neto, M. P. D., Cordeiro, R. D. A., Pereira-Neto, W. D. A., Sidrim, J. J. C., Brilhante, R. S. N., & Rocha, M. F. G. (2021). Yeast microbiota of free-ranging amphibians and reptiles from Caatinga biome in Ceará State, Northeast Brazil: High pathogenic potential of *Candida famata*. *Ciência Rural*, *51*(7), e20200742. https://doi.org/10.1590/0103-8478cr20200742.

Chaudhary, V. B., Aguilar-Trigueros, C. A., Mansour, I., & Rillig, M. C. (2022). Fungal Dispersal Across Spatial Scales. *Annual Review of Ecology, Evolution, and Systematics*, *53*(1), 69–85. https://doi.org/10.1146/annurev-ecolsys-012622-021604.

Chipepe, F. A. L., Soares, F., Mavunge, A. W., & Afonso, F. (2025). Occurrence of Diseases in Tilapia Culture Worldwide: Review of the Current State of the Art. *Ingenirea Agricola*, *15*.

De Souza, A. C., Simões, L. A., Schwan, R. F., & Dias, D. R. (2021). Enumerating Yeast in Foods and Water Using the Spread Plating Technique. In M. Magnani (Ed.), *Detection and Enumeration of Bacteria, Yeast, Viruses, and Protozoan in Foods and Freshwater* (pp. 93–110). Springer US. https://doi.org/10.1007/978-1-0716-1932-2_10.

De Vries, R. P., Riley, R., Wiebenga, A., Aguilar-Osorio, G., Amillis, S., Uchima, C. A., Anderluh, G., Asadollahi, M., Askin, M., Barry, K., Battaglia, E., Bayram, Ö., Benocci, T., Braus-Stromeyer, S. A., Caldana, C., Cánovas, D., Cerqueira, G. C., Chen, F., Chen, W., Grigoriev, I. V. (2017). Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus Aspergillus. *Genome Biology*, *18*(1), 28. https://doi.org/10.1186/s13059-017-1151-0.

Dobiáš, R., Stevens, D. A., & Havlíček, V. (2023). Current and Future Pathways in Aspergillus Diagnosis. *Antibiotics*, *12*(2), 385. https://doi.org/10.3390/antibiotics12020385.

Dubey, S., Pellaud, S., Gindro, K., Schuerch, J., Golay, J., Gloor, R., Ghali, K., & Dubey, O. (2022). Fungal infection in free-ranging snakes caused by opportunistic species. *Emerging Animal Species*, *3*, 100001. https://doi.org/10.1016/j.eas.2022.100001.

El-Naggar, M. Y., Al-Basri, H. M., & Karam, E.-D. (2010). Molecular diagnosis of *Candida albicans* using real-time polymerase chain reaction of a CaYST1 gene. *Journal of Taibah University for Science*, *3*(1), 8–13.

Elshafie, A., Al-Bahry, S. N., AlKindi, A. Y., Ba-Omar, T., & Mahmoud, I. (2007). Mycoflora and Aflatoxins in Soil, Eggshells, and Failed Eggs of Chelonia mydas at Ras Al-Jinz, Oman. *Chelonian Conservation and Biology*, *6*(2), 267. https://doi.org/10.2744/1071-8443(2007)6%255B267:MAAISE%255D2.0.CO;2.

Endarwin, W., Ul-Hasanah, A., Vazquez, R. I., & Kusrini, M. D. (2005). Studi Pendahuluan: Keberadaan Kura-kura Rote (*Chelodina mccordi*, Rhodin 1994) Di Pulau Rote, Nusa Tenggara Timur. *Media Konservasi*, *10*(2).

Fan, G., Chen, J., Jin, T., Shi, C., Du, X., Zhang, H., Zhang, Y., Li, H., Luo, T., Yan, P., Liu, Guang, Chi, X., Tan, X., Li, L., Liu, Guilin, Liu, Xiaochuan, Hao, S., Han, K., Huang, X., Liu, X. (2018). *The Report of Marine Life Genomic Research*. BIOLOGY. https://doi.org/10.20944/preprints201812.0156.v1.

Filek, K., Vuković, B. B., Žižek, M., Kanjer, L., Trotta, A., Di Bello, A., Corrente, M., & Bosak, S. (2024). Loggerhead Sea Turtles as Hosts of Diverse Bacterial and Fungal Communities. *Microbial Ecology*, *87*(1), 79. https://doi.org/10.1007/s00248-024-02388-x.

Gandjar, L. (1999). *Pengenalan kapang tropik umum*. Yayasan Obor Indonesia.

Garner, C. D., Starr, J. K., McDonough, P. L., & Altier, C. (2010). Molecular Identification of Veterinary Yeast Isolates by Use of Sequence-Based Analysis of the D1/D2 Region of the Large Ribosomal Subunit. *Journal of Clinical Microbiology*, *48*(6), 2140–2146. https://doi.org/10.1128/JCM.02306-09.

Ghosh, S., Rusyn, I., Dmytruk, O. V., Dmytruk, K. V., Onyeaka, H., Gryzenhout, M., & Gafforov, Y. (2023). Filamentous fungi for sustainable remediation of pharmaceutical compounds, heavy metal and oil hydrocarbons. *Frontiers in Bioengineering and Biotechnology*, *11*, 1106973. https://doi.org/10.3389/fbioe.2023.1106973.

Girgis, H. Z., James, B. T., & Luczak, B. B. (2021). *Identity*: Rapid alignment-free prediction of sequence alignment identity scores using self-supervised

general linear models. *NAR Genomics and Bioinformatics*, *3*(1), lqab001. https://doi.org/10.1093/nargab/lqab001.

Grohmann, L., Barbante, A., Eriksson, R., Gatto, F., Georgieva, T., Huber, I., Hulin, J., Koppel, R., Marchesi, U., Marmin, L., Mazzara, M., Narendja, F., Owen, H., Perri, E., Scholtens, I., Sovova, T., Sowa, S., Stebih, D., Weidner, C., & Zdenkova, K. (2021). *Guidance document on multiplex real-time PCR methods*. Publications Office. https://data.europa.eu/doi/10.2760/243914.

Guevara-Suarez, M., Sutton, D. A., Cano-Lira, J. F., García, D., Martin-Vicente, A., Wiederhold, N., Guarro, J., & Gené, J. (2016). Identification and Antifungal Susceptibility of Penicillium-Like Fungi from Clinical Samples in the United States. *Journal of Clinical Microbiology*, *54*(8), 2155–2161. https://doi.org/10.1128/JCM.00960-16.

Hakim, S. S., Budi, S. W., & Turjaman, M. (2015). Phosphate solubilizing and antifungal activity of root Endophyte isolated from *Shorea leprosula* Miq. And Shoreal selanica (DC) Blume. *Jurnal Manajemen Hutan Tropika*, *21*(3), 138–147.

Hall, B. G. (2018). *Phylogenetic trees made easy: A how-to manual* (5th ed). Sinauer associates.

Haque, Z., Iqbal, M. S., Ahmad, A., Khan, M. S., & Prakash, J. (2020). Molecular Characterization of Trichoderma spp. Isolates by Internal Transcribed Spacer (ITS) Region Sequencing Technique and its Use as a Biocontrol Agent. *The Open Biotechnology Journal*, *14*(1), 70–77. https://doi.org/10.2174/1874070702014010070.

Harrison, M., Opulente, D. A., Wolters, J. F., Shen, X., Zhou, X., Groenewald, M., Hittinger, C. T., Rokas, A., & LaBella, A. L. (2024). Exploring Saccharomycotina Yeast Ecology Through an Ecological Ontology Framework. *Yeast*, *41*(10), 615–628. https://doi.org/10.1002/yea.3981.

Heeger, F., Wurzbacher, C., Bourne, E. C., Mazzoni, C. J., & Monaghan, M. T. (2019). Combining the 5.8S and ITS2 to improve classification of fungi. *Methods in Ecology and Evolution*, *10*(10), 1702–1711. https://doi.org/10.1111/2041-210X.13266.

Heo, I., Hong, K., Yang, H., Lee, H. B., Choi, Y.-J., & Hong, S.-B. (2019). Diversity of *Aspergillus*, *Penicillium*, and *Talaromyces* Species Isolated from Freshwater Environments in Korea. *Mycobiology*, *47*(1), 12–19. https://doi.org/10.1080/12298093.2019.1572262.

Hermansyah, N., Sutami, N., & Miksusanti, M. (2018). Amplifikasi pcr domain d1/d2 28s rdna menggunakan primer ITS1 dan ITS4 sampel dna dari candida tropicalis yang diisolasi dengan metode pendinginan. *Indonesian Journal of Pure and Applied Chemistry*, *1*(1), 1–9.

Hong, J., Tamaki, H., Akiba, S., Yamamoto, K., & Kumagai, H. (2001). Cloning of a gene encoding a highly stable endo-beta-1,4-glucanase from *Aspergillus niger* and its expression in yeast. *Journal of Bioscience and Bioengineering*, *92*(5), 434–441. https://doi.org/10.1263/jbb.92.434.

Hossain, M., & Ali, M. (2022). *Aspergillus niger* grows faster than *Escherichia coli* in eosin methylene blue media and deter their growth by reducing the pH of the media. *Journal of Advanced Biotechnology and Experimental Therapeutics*, *5*(1), 229. https://doi.org/10.5455/jabet.2022.d110.

Houbraken, J., Kocsubé, S., Visagie, C. M., Yilmaz, N., Wang, X.-C., Meijer, M., Kraak, B., Hubka, V., Bensch, K., Samson, R. A., & Frisvad, J. C. (2020). Classification of Aspergillus, Penicillium, Talaromyces and related genera (Eurotiales): An overview of families, genera, subgenera, sections, series and species. *Studies in Mycology*, *95*, 5–169. https://doi.org/10.1016/j.simyco.2020.05.002.

Hulankova, R. (2024). Methods for Determination of Antimicrobial Activity of Essential Oils In Vitro—A Review. *Plants*, *13*(19), 2784. https://doi.org/10.3390/plants13192784.

Irawan, M. P., Juariah, S., & Rukmaini, S. (2019). Identifikasi Jamur Pathogen pada Air Bak Toilet SPBU di Kecamatan Rumbai Kota Pekanbaru. *Health Information : Jurnal Penelitian*, *11*(2), 117–125. https://doi.org/10.36990/hijp.v11i2.128.

Jennings, W. B. (2016). *Phylogenomic Data Acquisition: Principles and Practice*. CRC Press.

Karthikeyan, V., Gnanamoorthy, P., & Gopalakrishnan, A. (2014). Incidence of Brown-gill (fungal) disease in three Penaeus species grow out ponds of Vellapallam, Nagapattinam district of Tamil Nadu, India. *INDIAN J MAR SCI*, (8).

Kaur, O. (2017). Aspergillus and Cervicovaginal Papanicolaou Smear: A Review. *International Clinical Pathology Journal*, *4*(1). https://doi.org/10.15406/icpjl.2017.04.00086.

Kayat, & Saragih, G. S. (2021). Reproductive biology of the Rote Snake-necked Turtle *Chelodina mccordi* (Rhodin, 1994) in Oelsonbai Captivity, Kupang. *IOP Conference Series: Earth and Environmental Science*, *948*(1), 012021. https://doi.org/10.1088/1755-1315/948/1/012021.

Krappmann, S., & Braus, G. H. (2005). Nitrogen metabolism of *Aspergillus* and its role in pathogenicity. *Medical Mycology*, *43*(s1), 31–40. https://doi.org/10.1080/13693780400024271.

Kurtzman, C. P., Fell, J. W., & Boekhout, T. (2011). *The yeasts: A taxonomic study* (Vol. 1). Elsevier.

Li, K., Green, J. E. F., Tronnolone, H., Tam, A. K. Y., Black, A. J., Gardner, J. M., Sundstrom, J. F., Jiranek, V., & Binder, B. J. (2024). An off-lattice discrete model to characterise filamentous yeast colony morphology. *PLOS Computational Biology*, *20*(11), e1012605. https://doi.org/10.1371/journal.pcbi.1012605.

Li, X., Zhang, C., Fang, W., & Lin, F. (2008). White-spot disease of Chinese soft-shelled turtles (*Trionyx sinens*) caused by *Paecilomyces lilacinus*. *Journal of Zhejiang University SCIENCE B*, *9*(7), 578–581. https://doi.org/10.1631/jzus.B0720009.

Li, Y., Steenwyk, J. L., Chang, Y., Wang, Y., James, T. Y., Stajich, J. E., Spatafora, J. W., Groenewald, M., Dunn, C. W., Hittinger, C. T., Shen, X.-X., & Rokas, A. (2021). A genome-scale phylogeny of the kingdom Fungi. *Current Biology*, *31*(8), 1653-1665.e5. https://doi.org/10.1016/j.cub.2021.01.074.

Limtong, S., Into, P., & Attarat, P. (2020). Biocontrol of Rice Seedling Rot Disease Caused by *Curvularia lunata* and Helminthosporium oryzae by Epiphytic Yeasts from Plant Leaves. *Microorganisms*, *8*(5), 647. https://doi.org/10.3390/microorganisms8050647.

Liu, F., Hu, Z.-D., Zhao, X.-M., Zhao, W.-N., Feng, Z.-X., Yurkov, A., Alwasel, S., Boekhout, T., Bensch, K., Hui, F.-L., Bai, F.-Y., & Wang, Q.-M. (2024). Phylogenomic analysis of the *Candida auris*- *Candida haemuli* clade and related taxa in the *Metschnikowiaceae*, and proposal of thirteen new genera, fifty-five new combinations and nine new species. *Persoonia - Molecular Phylogeny and Evolution of Fungi*, *52*(1), 22–43. https://doi.org/10.3767/persoonia.2024.52.02.

Lõoke, M., Kristjuhan, K., & Kristjuhan, A. (2017). Extraction of genomic DNA from yeasts for PCR-based applications. *BioTechniques*, *50*(5), 325–328. https://doi.org/10.2144/000113672.

Lozano-Fernandez, J. (2022). A Practical Guide to Design and Assess a Phylogenomic Study. *Genome Biology and Evolution*, *14*(9), evac129. https://doi.org/10.1093/gbe/evac129.

Lucena-Aguilar, G., Sánchez-López, A. M., Barberán-Aceituno, C., Carrillo-Ávila, J. A., López-Guerrero, J. A., & Aguilar-Quesada, R. (2016). DNA Source Selection for Downstream Applications Based on DNA Quality Indicators Analysis. *Biopreservation and Biobanking*, *14*(4), 264–270. https://doi.org/10.1089/bio.2015.0064.

Lunggani, A. T., Kusdiyantini, E., Suprihadi, A., Budi, A., Mahardhika, W. A., Afifah, A., & Naryaningsih, A. (2023). Unveiling the antibacterial potential and metabolite profile of fungal endophytes of Caulerpa spp. From Teluk

Awur Beach, Jepara, Indonesia. *Aquaculture, Aquarium, Conservation & Legislation*. 16(6).

Mahata, P. K., Dass, R. S., Pan, A., & Muthusamy, B. (2022). Substantive Morphological Descriptions, Phylogenetic Analysis and Single Nucleotide Polymorphisms of Aspergillus Species From *Foeniculum vulgare*. *Frontiers in Microbiology*, *13*, 832320. https://doi.org/10.3389/fmicb.2022.832320.

Mandai Wildlife Reserve. (2022). *First ever repatriation of critically endangered Roti Snake-necked Turtles from Singapore to their native country, Indonesia*. https://www.mandai.com/en/about-mandai/media-centre/first-ever-repatriation-of-critically-endangered-roti-snak-necked-turtle-from-Singapore-to-their-native-country-Indonesia.html.

Manter, D. K., & Vivanco, J. M. (2007). Use of the ITS primers, ITS1F and ITS4, to characterize fungal abundance and diversity in mixed-template samples by qPCR and length heterogeneity analysis. *Journal of Microbiological Methods*, *71*(1), 7–14. https://doi.org/10.1016/j.mimet.2007.06.016.

Martin, K. J., & Rygiewicz, P. T. (2005). Fungal-specific PCR primers developed for analysis of the ITS region of environmental DNA extracts. *BMC Microbiology*, *5*(1), 28. https://doi.org/10.1186/1471-2180-5-28.

Matúš, P., Littera, P., Farkas, B., & Urík, M. (2023). Review on Performance of Aspergillus and Penicillium Species in Biodegradation of Organochlorine and Organophosphorus Pesticides. *Microorganisms*, *11*(6), 1485. https://doi.org/10.3390/microorganisms11061485.

McCord, W. P., Joseph-Ouni, M., & Hagen, C. (2007). A New Subspecies of *Chelodina mccordi* (Testudines: Chelidae) from Eastern Rote Island, Indonesia. *Reptilia*, (52), 58–61.

Meiyasa, F., & Nurjannah. (2021). *Mikrobiologi Hasil Perikanan*. Syiah Kuala University Press.

Milena, S. C. N., Carina, C. D. M. M., & Luciana, G. D. O. (2015). Mycobiota from the eggs, nests and stillbirths of *Eretmochelys imbricata* Linneus 1766 (Testudines: Cheloniidae) in Pernambuco State, Brazil. *African Journal of Microbiology Research*, *9*(17), 1195–1199. https://doi.org/10.5897/AJMR2015.7389.

Monapathi, M. E., Bezuidenhout, C. C., & James Rhode, O. H. (2020). Aquatic yeasts: Diversity, characteristics and potential health implications. *Journal of Water and Health*, *18*(2), 91–105. https://doi.org/10.2166/wh.2020.270.

Monard, C., Gantner, S., & Stenlid, J. (2013). Utilizing ITS1 and ITS2 to study environmental fungal diversity using pyrosequencing. *FEMS Microbiology Ecology*, *84*(1), 165–175. https://doi.org/10.1111/1574-6941.12046.

Mrema, E. M., & Hebert, P. (2021). *The Global Taxonomy Initiative 2020: A Step-by-Step Guide for DNA Barcoding*. Secretariat of the Convention on Biological Diversity.

Mukhopadhyay, C. S., Choudhary, R. K., & Iquebal, M. A. (with Kumar, R. G.). (2017). *Basic applied bioinformatics*. Wiley Blackwell.

Nardoni, S., & Mancianti, F. (2023). Mycotic Diseases in Chelonians. *Journal of Fungi*, *9*(5), 518. https://doi.org/10.3390/jof9050518.

Nardoni, S., Salvadori, M., Poli, A., Rocchigiani, G., & Mancianti, F. (2017). Cutaneous lesions due to *Trichosporon jirovecii* in a tortoise (*Testudo hermanni*). *Medical Mycology Case Reports*, *18*, 18–20. https://doi.org/10.1016/j.mmcr.2017.07.009.

Novaldi, A. L., Dewi, D. K., Ulpa, L. N., Apriyani, S., Hapida, Y., Habisukan, U. H., Nurokhman, A., & Maretha, D. E. (2018). Review: Isolasi, Identifikasi Molekuler Fungi Endofit Serta Potensinya Sebagi Sumber Bahan Baku. *Prosiding Seminar Nasional Pendidikan Biologi*, *1*(1), 6–15.

Nurfajriyah, H., Hartati, R., Subagiyo, S., Yusidarta, I., & Mustalafin, M. (2023). Infeksi Jamur pada Penyu di Pelestarian Penyu Pulau Kelapa Dua, Taman Nasional Laut Kepulauan Seribu, DKI Jakarta. *Buletin Oseanografi Marina*, *12*(1), 36–42. https://doi.org/10.14710/buloma.v12i1.47765.

Paripurana, S., Kittiamornkul, N., Watcharakitchakorn, O., & Keawon, R. (2023). Development of Antimicrobial Envelope for RFID Card. *2023 20th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON)*, 1–4. https://doi.org/10.1109/ECTI-CON58255.2023.10153176.

Peterson, S. W., Jurjević, Ž., & Frisvad, J. C. (2015). Expanding the Species and Chemical Diversity of Penicillium Section Cinnamopurpurea. *PLOS ONE*, *10*(4), e0121987. https://doi.org/10.1371/journal.pone.0121987.

Poester, V. R., Hidalgo, J. E. D., Munhoz, L. S., Trápaga, M. R., Andrade, E. F., Canabarro, P. L., Parmigiani, P., Freitas, E. C., Flores, M. M., Lamego, É. C., Adornes, A. C., Pasqualotto, A. C., Stevens, D. A., & Xavier, M. O. (2024). Pulmonary aspergillosis in green sea turtles (*Chelonia mydas*): A case series. *Medical Mycology*, *62*(12), myae114. https://doi.org/10.1093/mmy/myae114.

Praja, R. N., Yudhana, A., & Haditanojo, W. (2018). Isolasi dan Identifikasi Jamur pada Cangkang Telur Penyu Lekang (*Lepidochelys olivacea*) Gagal Menetas di Pantai Boom Banyuwangi. *Jurnal Medik Veteriner*, *1*(2), 43. https://doi.org/10.20473/jmv.vol1.iss2.2018.43-47.

Pratiwi, E., Akhdiya, A., & Akhdiya, A. (2020). Keragaman Karakter Morfologi dan Biokimia Isolat Khamir Rizosfer dan Endofit Tanaman Padi. *Buletin*

Plasma Nutfah, *26*(1), 39. https://doi.org/10.21082/blpn.v26n1.2020.p39-50.

Raja, H. A., Miller, A. N., Pearce, C. J., & Oberlies, N. H. (2017). Fungal Identification Using Molecular Tools: A Primer for the Natural Products Research Community. *Journal of Natural Products*, *80*(3), 756–770. https://doi.org/10.1021/acs.jnatprod.6b01085.

Renzi, S., Nenciarini, S., Bacci, G., & Cavalieri, D. (2023). Yeast metagenomics: Analytical challenges in the analysis of the eukaryotic microbiome. *Microbiome Research Reports*, *3*(1). https://doi.org/10.20517/mrr.2023.27.

Rhodin, A. G. J. (1994). Chelid turtles of the Australasian Archipelago: II. A new species of Chelodina from Roti Island, Indonesia. *Brevoria*, (498), 1–31.

Rhodin, A. G. J., Quinn, H. R., Walde, A. D., & Horne, B. D. (2019). *It Takes Partners to Save A Species: The Roti Island Snake-necked Turtle* [A Publication Of The Turtle Survival Alliance]. Turtle Conservation Fund.

Rhodin, A. G. K., Iverson, R., Bour, U., Fritz, A., Georges, & Shaffer, H. B. (2021). Turtles of the World Annotated Checklist and Atlas of Taxonomy, Synonymy, Distribution, and Conservation Status. *Chelonian Research Monographs*, *8*, 1–472.

Rhodin, A., Pritchard, P., Van Dijk, P. P., & Saumure, R. (Eds.). (2008). *Chelodina mccordi* Rhodin 1994 Roti Island Snake-Necked Turtle, McCod Snake-Necked Turtle, Kura-kura Rote. *Chelonian Research Monographs*, *5*. https://doi.org/10.3854/crm.5.

Rocha, M. F. G., Bandeira, S. P., De Alencar, L. P., Melo, L. M., Sales, J. A., Paiva, M. D. A. N., Teixeira, C. E. C., Castelo-Branco, D. D. S. C. M., Pereira-Neto, W. D. A., Cordeiro, R. D. A., Sidrim, J. J. C., & Brilhante, R. S. N. (2017). Azole resistance in *Candida albicans* from animals: Highlights on efflux pump activity and gene overexpression. *Mycoses*, *60*(7), 462–468. https://doi.org/10.1111/myc.12611.

Ryberg, M., Kristiansson, E., Sjökvist, E., & Nilsson, R. H. (2009). An outlook on the fungal internal transcribed spacer sequences in GenBank and the introduction of a web-based tool for the exploration of fungal diversity. *New Phytologist*, *181*(2), 471–477. https://doi.org/10.1111/j.1469-8137.2008.02667.x.

Sari. (2013). Identification Of Pseudozyma hubeiensis Y10BS025 As A Potent Producer Of Glycolipid Biosurfactant Mannosylerythritol Lipids. *American Journal of Biochemistry and Biotechnology*, *9*(4), 430–437. https://doi.org/10.3844/ajbbsp.2013.430.437.

Sayyadi, F., Rastegar-Pouyani, N., & Azadbakht, M. (2018). Cloacal fungal flora in rock lizard *Laudakia nupta* (Sauria: Agamidae) in Iran. *License The Author*, *19*, 167–171.

Schoch, C. L., Seifert, K. A., Huhndorf, S., Robert, V., Spouge, J. L., Levesque, C. A., Chen, W., Fungal Barcoding Consortium, Fungal Barcoding Consortium Author List, Bolchacova, E., Voigt, K., Crous, P. W., Miller, A. N., Wingfield, M. J., Aime, M. C., An, K.-D., Bai, F.-Y., Barreto, R. W., Begerow, D., Schindel, D. (2012). Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for *Fungi*. *Proceedings of the National Academy of Sciences*, *109*(16), 6241–6246. https://doi.org/10.1073/pnas.1117018109.

Seyedmousavi, S., Guillot, J., Arné, P., De Hoog, G. S., Mouton, J. W., Melchers, W. J. G., & Verweij, P. E. (2015). *Aspergillus* and aspergilloses in wild and domestic animals: A global health concern with parallels to human disease. *Medical Mycology*, *53*(8), 765–797. https://doi.org/10.1093/mmy/myv067.

Shen, C.-H. (2019). *Diagnostic Molecular Biology*. Elsevier Science & Technology.

Shepherd, C. R., & Ibarrondo, B. (2005). The trade of the Roti Island snake-necked turtle chelodina mccordi, Indonesia = Perdagangan kura-kura berleher ular Pulau Roti chelodina maccordi, Indonesia. *TRAFFIC Southeast Asia*.

Sidrim, J. J. C., Maia, D. C. B. D. S. C., Brilhante, R. S. N., Soares, G. D. P., Cordeiro, R. A., Monteiro, A. J., & Rocha, M. F. G. (2010). Candida species isolated from the gastrointestinal tract of cockatiels (*Nymphicus hollandicus*): In vitro antifungal susceptibility profile and phospholipase activity. *Veterinary Microbiology*, *145*(3–4), 324–328. https://doi.org/10.1016/j.vetmic.2010.04.006.

Sodeeq, A. T., Afolabi, F. T., & Adebayo-Tayo, B. C. (2023). Mycotoxigenic Fungi and Mycotoxins Contamination in Fish Feed from selected Retailers and Fish Farms in Southwest States, Nigeria. *Journal of Applied Sciences and Environmental Management*, *27*(9), 2015–2020. https://doi.org/10.4314/jasem.v27i9.18.

Stanford, C. B., Iverson, J. B., Rhodin, A. G. J., Paul Van Dijk, P., Mittermeier, R. A., Kuchling, G., Berry, K. H., Bertolero, A., Bjorndal, K. A., Blanck, T. E. G., Buhlmann, K. A., Burke, R. L., Congdon, J. D., Diagne, T., Edwards, T., Eisemberg, C. C., Ennen, J. R., Forero-Medina, G., Frankel, M., Walde, A. D. (2020). Turtles and Tortoises Are in Trouble. *Current Biology*, *30*(12), R721–R735. https://doi.org/10.1016/j.cub.2020.04.088.

Subari, A., Razak, A., & Sumarmin, R. (2021). Phylogenetic Analysis of Rasbora spp. Based on the Mitochondrial DNA COI gene in Harapan Forest. *Jurnal Biologi Tropis*, *21*(1), 89–94. https://doi.org/10.29303/jbt.v21i1.2351.

Suryani, Y., Taupiqurrahman, O., & Kulsum, Y. (2020). *Mikologi*. PT. Freeline Cipta Granesia.

Takahashi, M., Morita, T., Fukuoka, T., Imura, T., & Kitamoto, D. (2012). Glycolipid Biosurfactants, Mannosylerythritol Lipids, Show Antioxidant and Protective Effects against H2O2-Induced Oxidative Stress in Cultured Human Skin Fibroblasts. *Journal of Oleo Science*, *61*(8), 457–464. https://doi.org/10.5650/jos.61.457.

Tande, A. L., Telnoni, S. P., & Fahik, M. (2022). Manajemen Penangkaran dan Tingkah Laku Kura-kura Leher Ular Rote (*Chelodina mccordi*) Di Stasiun Penangkaran Oelsonbai Desa Naioni Kota Kupang Provinsi Nusa Tenggara Timur. *Flobamora Biological Jurnal*, *1*(1).

Tedersoo, L., Mikryukov, V., Zizka, A., Bahram, M., Hagh-Doust, N., Anslan, S., Prylutskyi, O., Delgado-Baquerizo, M., Maestre, F. T., Pärn, J., Öpik, M., Moora, M., Zobel, M., Espenberg, M., Mander, Ü., Khalid, A. N., Corrales, A., Agan, A., Vasco-Palacios, A., Abarenkov, K. (2022). Global patterns in endemicity and vulnerability of soil fungi. *Global Change Biology*, *28*(22), 6696–6710. https://doi.org/10.1111/gcb.16398.

Toju, H., Tanabe, A. S., Yamamoto, S., & Sato, H. (2012). High-Coverage ITS Primers for the DNA-Based Identification of Ascomycetes and Basidiomycetes in Environmental Samples. *PLoS ONE*, *7*(7), e40863. https://doi.org/10.1371/journal.pone.0040863.

Törün, B., Biyik, H. H., & Poyrazoğlu, E. (2022). Morphological and Molecular Identification of Biofilm Forming Fungi from Fish Farms and Fish Benches in Aydın Province. *Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi*, *12*(1), 115–124. https://doi.org/10.21597/jist.916284.

Uy, R. J., Kayamori, M., & Nakashima, C. (2022). Characterization of *Penicillium* Species Isolated from *Dioscorea polystachya* in Hokkaido, Japan. *Mycoscience*, *64*(1), 11–18. https://doi.org/10.47371/mycosci.2022.11.002.

Visagie, C. M., Houbraken, J., Frisvad, J. C., Hong, S.-B., Klaassen, C. H. W., Perrone, G., Seifert, K. A., Varga, J., Yaguchi, T., & Samson, R. A. (2014). Identification and nomenclature of the genus *Penicillium*. *Studies in Mycology*, *78*(1), 343–371. https://doi.org/10.1016/j.simyco.2014.09.001.

Waing, K. (2015). Molecular identification of leaf litter fungi potential for cellulose degradation. *Mycosphere*, *6*(2), 139–144. https://doi.org/10.5943/mycosphere/6/2/3.

Waluyo, L. (2024). *DASAR-DASAR MIKROBIOLOGI DAN PARASITOLOGI*. UMMPress.

Wang, Q.-M. (2006). Pseudozyma hubeiensis sp. Nov. And *Pseudozyma shanxiensis* sp. Nov., novel ustilaginomycetous anamorphic yeast species from plant leaves. *International Journal Of Systematic And Evolutionary Microbiology*, *56*(1), 289–293. https://doi.org/10.1099/ijs.0.63827-0.

Wang, W.-L., Sun, P.-L., Kao, C.-F., Li, W.-T., Cheng, I.-J., & Yu, P.-H. (2021). Disseminated Candidiasis and Candidemia Caused by Candida palmioleophila in a Green Sea Turtle (Chelonia mydas). *Animals*, *11*(12), 3480. https://doi.org/10.3390/ani11123480.

Wasilah, S. Z., Nasution, J., Rahmiati, Fadillah, M. A., Bangu, H., Salim, M., Darsono, K., Anwar, A. Y., Asikin, Z. F., Nurhayati, E., & Malik, N. (2023). *Mikologi*. Eureka Medika Aksara.

Xu, J. (2016). Fungal DNA barcoding. *Genome*, *59*(11), 913–932. https://doi.org/10.1139/gen-2016-0046.

Yang, R.-H., Su, J.-H., Shang, J.-J., Wu, Y.-Y., Li, Y., Bao, D.-P., & Yao, Y.-J. (2018). Evaluation of the ribosomal DNA internal transcribed spacer (ITS), specifically ITS1 and ITS2, for the analysis of fungal diversity by deep sequencing. *PLOS ONE*, *13*(10), e0206428. https://doi.org/10.1371/journal.pone.0206428.

Yastanto, A. J. (2020). Karakteristik Pertumbuhan Jamur pada Media PDA dengan Metode Pour Plate. *Indonesian Journal of Laboratory*, *2*(1), 33. https://doi.org/10.22146/ijl.v2i1.54491.

Yurkov, A. M. (2018). Yeasts of the soil – obscure but precious. *Yeast*, *35*(5), 369–378. https://doi.org/10.1002/yea.3310.

Zou, Y., Zhang, Z., Zeng, Y., Hu, H., Hao, Y., Huang, S., & Li, B. (2024). Common Methods for Phylogenetic Tree Construction and Their Implementation in R. *Bioengineering*, *11*(5), 480. https://doi.org/10.3390/bioengineering11050480.

Zulkarnain, M. I., Kusumaningrum, H. P., Nurhayati, N., Suprihadi, A., & Zainuri, M. (2023). Identifikasi Molekuler *Chlorella sorokiniana* menggunakan Marka ITS dan 18S rDNA serta Produksi Karotenoid dengan Perlakuan Cahaya. *Buletin Oseanografi Marina*, *12*(2), 153–163. https://doi.org/10.14710/buloma.v12i2.46705.