

## DAFTAR PUSTAKA

- Adeleke., Bartholomew Saanu., Modupe Stella Ayilara., Saheed Adekunle Akinola., Olubukola Oluranti Babalola. (2022). Biocontrol Mechanisms of Endophytic Fungi. *Egyptian Journal of Biological Pest Control*, 32 (1): 1-17.
- Aini, K., Elfita., Widjajanti, H., Setiawan, A. (2022). Diversity and antibacterial activity of endophytic fungi isolated from the medicinal plant of *Syzygium jambos*. *Biodiversitas*, 23 (6): 2981-2989.
- Aini, K., Elfita., Widjajanti, H., Setiawan, A., Kurniawati, A.R. (2022). Antibacterial activity of endophytic fungi isolated from the stem bark of jambu mawar (*Syzygium jambos*). *Biodiversitas*, 23 (1): 521-532.
- Amalia., Etik., Dwi Kameluh Agustina., Eva Nurul Malahayati. (2018). Development Encyclopedia Biology As A Reference For Students Of Senior High School. *Josar*, 1 (1): 66-75.
- Amin., Nurdin., Eriawati., Cut Fira Firyal. (2019). Jamur Basidiomycota Di Kawasan Wisata Alam Pucok Krueng Raba Kabupaten Aceh Besar. *Biotik: Jurnal Ilmiah Biologi Teknologi Dan Kependidikan*, 7 (2): 155.
- Anam., Syariful., Armini Syamsidi., Nurul Ambianti., Agustinus Widodo., Muhammad Sulaiman Zubair. (2022). Isolation of Endophytic Fungi from Benalu Batu ( *Begonia medicinalis* ) and Their Toxicity on Artemia Salina. *Jurnal Ilmiah Farmasi (Scientific Journal of Pharmacy)*. 20-30.
- Anggraini, Nia. (2018). Efektivitas Kulit Buah Rambutan (*Nephelium lappaceum* L) Sebagai Larvasida Terhadap Larva Nyamuk Aedes Aegypti. *Skripsi*. 1-75.
- Arsyad, A. (2017). *Media Pembelajaran*. Jakarta: Alfabeta.
- Artasasta, Muh Ade., Yanwirasti., Muhammad Taher., Akmal Djamaan., Ni Putu Ariantari., Ru Angelie Edrada-Ebel., Dian Handayani. (2021). Apoptotic Activity of New Oxisterigmatocystin Derivatives from the Marine-Derived Fungus *Aspergillus Nomius* Nc06. *Marine Drugs*, 19 (11): 1-10.
- Atanus, M.C., Hahuly, M.V., Nenotek, P.S. (2022). Eksplorasi Jamur Endofit Asal Tanaman Cendana *Santalum album* L. di Sekitar Universitas Nusa Cendana, Kota Kupang, Nusa Tenggara Timur. *Seminar Nasional dalam Rangka Dies Natalis ke-46 UNS*, 6 (1): 947-957.
- Aziz., Hamidi Abdul., Nur Syahirah Rahmat., Motasem Y.D. Alazaiza. (2022). The Potential Use of *Nephelium lappaceum* Seed as Coagulant–Coagulant Aid in the Treatment of Semi-Aerobic Landfill Leachate. *International Journal of Environmental Research and Public Health*, 19 (1): 1-17.
- Azwir., Said Nazaruddin., Chairuni AR., M. Rezeki Muamar. (2021).

Inventarisasi Hama Insecta Pada Tanaman Rambutan (*Nephelium lappaceum*, Linn) Dan Upaya Pemberantasannya Secara Alami Di Gampong Seuot Kecamatan Indrapuri Kabupaten Aceh Besar. *Biology Education*, 9: 114-122.

Badotti., Fernanda., Francislon Silva De Oliveira., Cleverson Fernando Garcia., Aline Bruna Martins Vaz., Paula Luize Camargos Fonseca., Laila Alves Nahum., Guilherme Oliveira., Aristóteles Góes-Neto. (2017). Effectiveness of ITS and Sub-Regions as DNA Barcode Markers for the Identification of Basidiomycota (Fungi). *BMC Microbiology*, 17 (1): 1-12.

Carris, Lorri M., Little, Christopher R., Stiles, Carol M. (2017). Introduction Of Fungi. *The American Phytopathological Society*, 1-30.

Dawolo, Baziduhu., Fifi, Puspita., Armaini. (2017). Identifikasi Jamur Endofit Dari Tanaman Karet Dan Uji In-Vitro Anti Mikroba Terhadap *Rigidoporus microporus*. *Jom Faperta*, 4 (2): 1-11.

Erawati., Yeny., Raharjo Raharjo., Utiya Azizah. (2020). Developing Encyclopaedia Media on Form and Function of Plant to Train Elementary Students' Critical Thinking Skill. *International Journal for Educational and Vocational Studies*, 2 (6): 401-406.

Fajriani., Nur., Syamswisna Syamswisna., Reni Marlina. (2020). Kelayakan Media Ensiklopedia Sub Materi Pemanfaatan Keanekaragaman Hayati Indonesia. *EduNaturalia: Jurnal Biologi Dan Kependidikan Biologi*, 1 (1): 26-32.

Fitriarni., Dian., Rina Sri Kasiamdari. (2018). Isolation and Identification of Endophytic Fungi from Leave and Stem of *Calopogonium mucunoides*. *Journal of Tropical Biodiversity and Biotechnology*, 3: 30–36.

Gakuubi., Martin Muthee., Madhaiyan Munusamy., Zhao Xun Liang., Siew Bee Ng. (2021). Fungal Endophytes: A Promising Frontier for Discovery of Novel Bioactive Compounds. *Journal of Fungi*, 7 (10): 1-24.

Gusnawatyhs., Taufik, M., Triana, L., Asniah. (2014). Karakterisasi Morfologis *Trichoderma* Spp. Indigenus Sulawesi Tenggara. *Jurnal Agroteknos*, 4(2): 88-94.

Habisukan, Umami H., Elfita., Hary Widjajanti, Arum Setiawan. (2021). Chemical Characterization of Secondary Metabolite from the Endophytic Fungus *Trichoderma reesei* Isolated from the Twig of *Syzygium aqueum*. *Science and Technology Indonesia*, 6 (3): 137-143.

Habisukan, Umami H., Elfita., Hary Widjajanti., Arum Setiawan. (2022). Secondary Metabolite and Antioxidant Activity of Endophytic Fungi Isolated from *Syzygium aqueum* Leaves Stalk. *Biointerface Research in Applied Chemistry*, 12 (6): 7584-7595.

- Habisukan, Umami H., Elfita., Hary Widjajanti., Arum Setiawan, Alfia R. Kurniawati. (2021). Diversity of Endophytic Fungi in *Syzygium Aqueum*. *Biodiversitas*, 22 (3): 1129-1137.
- Hadiati, Devi., Retnoningsih, Amin., Widiatningrum, Talitha. (2022). Development of Medicinal Plants Ethnobotany Study-Based Encyclopedia as *Plantae Study Media*. *Journal of Innovative Science Education*, 11(1): 8-16.
- Handayani, D., Pratiwi Indah, E.M., Fajrina, A. (2019). Senyawa Antimikroba dari Jamur Endofit *Trichoderma koningiopsis* SaKB1 yang Diisolasi dari Tanaman Mangrove *Sonneratia alba* Sm. *Jurnal Sains Farmasi dan Klinis*, 6 (2): 78-84.
- Hapida, Y., Elfita., Widjajanti, H., Salni. (2021). Biodiversity and antibacterial activity of endophytic fungi isolated from jambu bol (*Syzygium malaccense*). *Biodiversitas*, 22 (12): 5668-5677.
- Hapsari, R.T., Djauhari, S. Cholil, A. (2014). Keanekaragaman Jamur Endofit Akar Kangkung Darat (*Ipomoea reptans* Poir.) Pada Lahan Pertanian Organik dan Konvensional. *Jurnal HPT* 2(1): 1-10.
- Hasan Basri., Muhammad, Lalu Zulkifli., Abdul Syukur. (2021). Isolation of Endophytic Fungi from *Vitex trifolia* L and Antagonism Test against *Sclerotium Rolfsii* and Pathogenic Bacteria. *Jurnal Biologi Tropis*, 21 (1): 72-80.
- Hermanto, F., Ginanjar, A., Putri, N.A., Atikah, E., Mu'Aafat, U., Prasetya, H. (2021). Development of Encyclopedia Media Based on Indonesian Cultural Diversity. *Advances in Social Science, Education and Humanities Research*, 578: 118-123.
- Jufri, R. F. (2020). Microbial Isolation. *Journal La Lifesci*, 01(01):18-23.
- Kaczmarek, Agata., and Mieczysława I. Boguś. (2021). Fungi of Entomopathogenic Potential in Chytridiomycota and Blastocladiomycota, and in Fungal Allies of the Oomycota and Microsporidia. *IMA Fungus*, 12 (1): 1-13.
- Khasan, D.H. (2012). *Pengembangan Instrumen Metode Penelitian*. Bandung: Alfabeta
- Kristin., Repita., Rahmawati., Mukarlina Mukarlina. (2020). Inventarisasi Jamur Makroskopis Filum Ascomycota Di Kawasan Universitas Tanjungpura Pontianak Kalimantan Barat. *Jurnal Protobiont*, 9 (1): 36-40.
- Kumala, F.N., Setiawan, D.A. (2019). Local wisdom-based e-encyclopedia as a science learning medium in elementary school. *Journal of Physics: Conference Series*, 140: 1-2.

- Leylaie, S., Zafari, D. (2018). Antiproliferative and Antimicrobial Activities of Secondary Metabolites and Phylogenetic Study of Endophytic *Trichoderma* Species From *Vinca* Plants. *Frontiers in Microbiology*, 9 : 1-16.
- Magfiroh, Lailatul Ulfa., Fajar, Dinar Maftukh. (2022). Development of Angiospermal Encyclopedia in the Java Tradition in Kaliwining Village as a Supporting Book for Junior High School Students. *Integrative Science Education and Teaching Activity Journal*, 3(1): 30-42.
- Manggabarani., Andi Madihah., Tatik Chikmawati., Alex Hartana. (2018). Characterization of Rambutan Cultivars (*Nephelium lappaceum* L.) Based on Leaf Morphological and Genetic Characterization of Rambutan Cultivars (*Nephelium lappaceum*) Based on Leaf Morphological and Genetic. *Biosaintifika: Journal of Biology & Biology Education*, 10 (2): 252-259.
- Mariska, N., Mu'nisa., Ali, A. (2018). Isolasi Jamur Endofit Pada Tanaman Obat Tradisional Serta Uji Aktivitas Antijamur Terhadap *Candida albicans*. *Prosiding Seminar Nasional Biologi dan Pembelajarannya*, 233-243.
- Muhammad, Ahsin Sakho. (2017). *Keberkahan Al-Qur'an*. Jakarta: QAF Media Kreativa.
- Mujib, Ubaidillah. (2017). Pembelajaran Berbasis Proyek Untuk Mengembangkan Ensiklopedia Berbasis Bioedupreneurship. *Jurnal Pendidikan Sains Universitas Muahammadiyah Semarang*, 5 (01): 32-40.
- Mulyani, Tri., and Armia Armia. (2021). Efektivitas Penggunaan Ensiklopedia Berbasis Teknologi Sebagai Sumber Belajar Di Sekolah Menengah Atas (SMA): Literature Review. *Jurnal Ecogen*, 4 (2): 293.
- Munirah, C.P. (2020). Isolasi dan Uji Aktivitas Jamur Endofit Asal Daun Afrika (*Vernonia amygdalina* Dell.) Sebagai Antibakteri *Multi Drugs Resistant* (MDR) *Escherichia coli*. *Skripsi*. 1-79.
- Mustaffa., Wan Nor Iffah Husna Wan., and Wan Hafizah W. Jusof. (2021). A Review on Antioxidant and Antidiabetic Activities of *Nephelium lappaceum* L. *Pharmacognosy Journal*, 13 (4): 1053-1057.
- Najira., Mardudi., Abian Latif, Danu., Ririn Mustika Ningrum., Ririn Subakti., Isnani Yatul Husna. (2020). Cultural Characteristics Of Rambutan Plant (*Nephelium lappaceum* L.) Through Morphological Approaches In Aceh Province. *Jurnal Biologi Dan Pembelajarannya*, 18 (2): 107-111.
- Natalia Emmi., Laili Fitri Yeni., Eka Ariyati. (2016). Pembuatan Ensiklopedi Hasil Inventarisasi Jamurdi Hutan Adatdayak Padamateri Keanekaragaman Hayati. *Artikel Penelitian*. 1-13.
- Nashira, Devia Putri., Eva Kristinawati. (2022). Character Markers of Rambutan (*Nephelium lappaceum* L.) Varieties Based on Morphological Characters.

*Lentera Bio*, 11 (2): 247–254.

- Neto, P.D., Henuk, Julinda, B.D., Mau, A.E. (2022). Isolasi dan Identifikasi *Trichoderma* spp. dari Rhizosfer Tanaman Jati (*Tectona grandis* Linn.) di Taman Hutan Raya Prof. Ir. Herman Yohanes, Desa Kotabes, Kecamatan Amarasi Kabupaten Kupang. *Jurnal Wana Lestari*, 6(1): 83-90.
- Nuraida, D., Nisa, U.M. (2017). Pengembangan Ensiklopedia Morfologi, Anatomi dan Fisiologi pada Tumbuhan Berkarakter Khusus. *Proceeding Biology Education Conference*, 14(1): 503-507.
- Nurhalisa. (2017). Penerapan Media Pembelajaran *Articulate Studio* Terhadap Hasil Belajar Materi *Fungi* Di Kelas X.1 SMA Negeri 1 Bajeng Barat Kabupaten Gowa. *Skripsi*. 1-46.
- Nurliza. (2019). Isolasi Jamur *Trichoderma harzianum* Endofit Dari Tanaman Lidah Mertua (*Sansevieria* Spp). *Skripsi*. 1-10.
- Nurmasari., Syamswisna., Tenriawaru. (2021). Kelayakan Ensiklopedia Pada Submateri Pemanfaatan Keanekaragaman Hayati Dari Hasil Etnobotani Tumbuhan Obat. *Didaktika Biologi: Jurnal Penelitian Pendidikan Biologi*, 5(2):85-92.
- Nurul., Nitya., Elsa Nur. (2021). Uji Aktivitas Analgetik Ekstrak Biji Rambutan (*Nephelium lappaceum* L.) Terhadap Mencit Putih Jantan. *Health Information: Jurnal Penelitian*, 13 (2): 1-12.
- Nuryanti, Binti., Ekis Era Artika., Novita Wulandari., Nafisa Asma., Nurul Aulia., Shaut Al. (2019). Analisis Pemanfaatan Ensiklopedia Di Perpustakaan IAIN Tulungagung. *Shout Al- Maktabah: Jurnal Perpsuatakaan, Arsip Dan Dokumentasi*, 11 (1): 99-110.
- Nuryanti, Siska., Tadjuddin Naid., Vivi Hardiyanti. (2021). Identification And Antibacterial Activity Test Of Endophyte Fungi Mahoni Bark (*Swietenia mahagoni* L.). *Journal Microbiology Science September*, 1 : 9-15.
- Oktarina, H., D. R. Adithia., and T. Chamzurni. (2022). Isolation and Identification of Endophytic Fungi from Mandarin Orange (*Citrus Reticulata* L.). *IOP Conference Series: Earth and Environmental Science*, 951 (1): 1-6.
- Oliveira, T., Bezerra, J., Silva, L., Souza-Motta, C., Magalhaes, M.C. (2020). Diversity of endophytic fungi in the leaflets and branches of *Poincianella pyramidalis*, an endemic species of Brazilian tropical dry forest. *Acta Botanica Brasilica*, 34(4): 755-764
- Pavithra, G., Sumant Bindal., Meenakshi Rana., and Seweta Srivastava. (2020). Role of Endophytic Microbes against Plant Pathogens: A Review. *Asian Journal of Plant Sciences*, 19 (1): 54-62.

- Pitt, John I., Hocking, Alisa D. (2009). *Fungi and Food Spoilage*. New York: LLC.
- Purbasari., Karlina. (2018). Variasi Morfologi Rambutan (*Nephelium lappaceum* L.) Berdasarkan Ketinggian Tempat Di Kabupaten Ngawi. *Widya Warta*, 42 (2): 217-231.
- Purnawati, A., Wuryandari, Y. (2017). *Petunjuk Praktikum Mikrobiologi*. Surabaya: Universitas Pembangunan Nasional.
- Rachma., Asna Nur., Puspita Indra Wardhani. (2022). Development of the Umbul Encyclopedia in Klaten as Social Studies Learning Media for SMP/MTs Students. *Proceedings of the International Conference of Learning on Advance Education (ICOLAE 2021)*. 662: 1099-1106.
- Rahmawati, S., Mukarlina. (2017). Jenis- Jenis Jamur Endofit Tanaman Jeruk Siam (*Citrus nobilis* Var . *Microcarpa*) Di Perkebunan Dungun Prapakan Sambas. *Jurnal Protobiont*, 6 (3): 173-181.
- Ramadhani, H.S., Samingan., Iswadi. (2017). Isolasi dan Identifikasi Jamur Endofit pada Daun Jamblang (*Syzygium cumini* L.). *Jurnal Ilmiah Mahasiswa Fakultas Keguruan dan Ilmu Pendidikan Unsyiah*, 2(2): 77-90.
- Riduwan. (2013). *Skala Pengukuran Variabel-Variabel Penelitian*. Bandung: Alfabeta.
- Rusae, Aloysius., Bernadina, Metboki., Blasius, Atini. (2018). Kemampuan Antagonis Cendawan Endofit terhadap *Rhizoctonia* sp. Penyebab Penyakit Busuk Akar Tanaman Sorgum (*Sorghum bicolor* L.) secara *In Vitro*. *Jurnal Metamorfosa*, 5 (2): 198-204.
- Sriram, S., Javita, M.J., Rohini, H.S., Jalali, S.K. (2013). The most widely used fungal antagonist for plant disease management in India, *Trichoderma viride* is *Trichoderma asperellum* as confirmed by oligonucleotide barcode and morphological characters. *Current Science*, 104(10): 1332-1340.
- Suhartina., Febby E.F. Kandou., Marina F.O. Singkoh. (2018). Isolasi Dan Identifikasi Jamur Endofit Pada Tumbuhan Paku Asplenium Nidus. *Jurnal MIPA*, 7 (2): 24.
- Sukmandari., Narumi Sekar., Gouri Kumar Dash., Wan Hafizah W. Jusof, Muhammad Hanafi. (2017). A Review on *Nephelium lappaceum* L. *Research Journal of Pharmacy and Technology*, 10 (8): 2819-2827.
- Suryani, Y., Taupiqurrahman, O., Kulsum, Y. (2020). *Mikologi*. Padang: PT.Freeline Cipta Granesia.
- Suliska, Nova., Sri Maryam., Neng Leni. (2020). Efek Antihiperqlikemia Ekstrak Etanol Daun Rambutan (*Nephelium lappaceum* L.) Pada Mencit Jantan

- (*Swiss webster*) Dengan Metode Induksi Glukosa. *Medicine and Health*, 2 (6): 128-137.
- Supriatin, D. (2018). Use of Digital Encyclopedia Media to Develop Cognitive Aspects of Cimahi. *Jurnal Empowerment*, 7(2):81-87.
- Suryani, Y., Taupiqurrahman, O., Kulsum, Y. (2020). *Mikologi*. Padang: PT. Freeline Cipta Granesia.
- Syamsu, F.D. (2017). Pengembangan LKS Biologi Berbasis Kontekstual Dilengkapi dengan *Mind Map* pada Materi Archaeobacteria dan Eubacteria Untuk Siswa SMA. *Jurnal Bionatural*, 4 (1): 26-34.
- Syarifah., Elfita., Widjajanti, H., Setiawan, A., Kurniawati, A.R. (2021). Diversity of endophytic fungi from the root bark of *Syzygium zeylanicum*, and the antibacterial activity of fungal extracts, and secondary metabolite. *Biodiversitas*, 22 (10): 4572-4582.
- Triasih, U., Wuryantini, S., Agustina, D. (2022). Karakterisasi Cendawan Rizosfer Kebun Jeruk Organik dan Potensinya dalam Menghambat Pertumbuhan *Botryodiplodia theobromae* dan *Colletotrichum gloeosporioides*. *Jurnal Fitopatologi Indonesia*, 18 (5): 205-212.
- Tyskiewicz, R., Nowak, A., Ozimek, O., Jaroszuk-Scisel, J. (2022). Trichoderma: The Current Status of Its Application in Agriculture for the Biocontrol of Fungal Phytopathogens and Stimulation of Plant Growth. *International Journal of Molecular Sciences*, 23: 1-28.
- Wahyuni, Dwi., Lidiya Praktika Rosa., Siti Murdiah. (2019). Isolasi Dan Identifikasi Fungi Endofit Tanaman Suruhan (*Peperomia pellucida* L. Kunth) Pendidikan Biologi Fakultas Keguruan Dan Ilmu Pendidikan Universitas Jember. *Indonesian Journal of Biotechnology and Biodiversity*, 3 (1): 8-26.
- Walsh, T. H., Hayden, R.T., Larone, D.H. (2018). *Larones Medically Important Fungi*. MOC University.
- Watanabe, Tsuneo. (2002). *Pictorial Atlas Of Soil And Seed Fungi : Morphologies Of Cultured Fungi And Key To Species*. United States Of: CRC Press LLC.
- Windarsih, Gut. (2022). Characterization of Leaf Morphology on Several Rambutan (*Nephelium lappaceum* L. ) Cultivars from Serang City , Banten , Indonesia. *Pros Sem Nas Masy Biodiv Indon*, 8: 10-15.
- Yasa, A.D., Rahayu Nita, C.I., Insan Putri, A.M. (2020). Pengembangan Ensiklopedia Tata Surya Berbasis Pendekatan Inkuiri untuk Siswa Kelas III Sekolah Dasar. *Jurnal Ilmiah Pendidikan Dasar*, 2(2): 137-146.

- Zahro, S.F. (2016). Isolasi dan Identifikasi Kapang Endofit Umbi Gingseng Jawa (*Talinum paniculatum* G.). *Skripsi*. 1-19.
- Zhang, J., Tang, W., Huang, Q., Li, Y., Wei, M. (2021). Trichoderma: A Treasure House of Structurally Diverse Secondary Metabolites With Medicinal Importance. *Bioactive Secondary Metabolites From Trichoderma*, 12:1-21.
- Zheng, Ruihong., Shoujie Li., Xuan Zhang., Changqi Zhao. (2021). Biological Activities of Some New Secondary Metabolites Isolated from Endophytic Fungi: A Review Study. *International Journal of Molecular Sciences*, 22 (2): 1-75.
- Ziraluo, Yan Piter Basman., Markus Duha. (2020). Diversity Study Of Fruit Producer Plant In Nias Islands. *Jurnal Inovasi Penelitian*, 4 (1): 683-684.