

## DAFTAR PUSTAKA

- Adhanti, R. (2012). *Konsentrasi Efektif Ekstrak Daun Tembakau (Nicotiana tabacum) sebagai Pembersih Gigi Tiruan Resin Akrilik Terhadap Jumlah Streptococcus mutans*. Jember: Universitas Jember.
- Alamu, O. T. & Ewete, F. K. (2023). Termites Infestation on Different *Eucalyptus* Wood Species and Control Using Natural Oil from Plants. *European Journal of Wood and Wood Products*, 81(6), 1535-1542.
- Andika, R., Arinana, A., Sari, R. K., Rahmawati, A. I., & Himmi, S. K. (2025). Antitermite Activity of *Eucalyptus pellita* Bark Extract. *Jurnal Sylva Lestari*, 13(1), 32-44.
- Arif, M. (2020). Struktur Morfologi Rayap Kayu Kering dan Implikasinya terhadap Pengendalian Hama. *Jurnal Entomologi Tropika*, 7(2), 45–52.
- Aryani, F. (2020). Penyulingan minyak kayu putih (*Melaleuca cajuputi*) dengan Suhu yang berbeda. *Buletin Loupe*, 16(2), 51-57.
- Badan Standardisasi Nasional. (2024). *SNI 3954:2024 Minyak Kayu Putih (Melaleuca cajuputi Powell)*. Jakarta: BSN.
- Brophy, J. J., Craven, L. A., & Doran, J. C. (2013). *Melaleucas: Their Botany, Essential Oils, and Uses*. Australian Centre for International Agricultural Research (ACIAR).
- Chibi, A. & Hassaine, A. (2023). Essential Oil of *Eucalyptus polybractea* (L.): Chemical Composition, Antifungal, Insect Repellent and Insecticidal Activities. *Tropical Journal of Natural Product Research*, 7(10), 4160-4165.
- Čmíková, N., Galovičová, L., Schwarzová, M., Vukic, M. D., Vukovic, N. L., Kowalczewski, P. Ł., & Kačániová, M. (2023). Chemical Composition and Biological Activities of *Eucalyptus globulus* Essential Oil. *Plants*, 12(5), 1076.
- Dadang, D. & Prijono, D. (2008). *Insektisida Nabati: Prinsip, Pemanfaatan, dan Pengembangannya*. Bogor: IPB Press.
- Danna, C., Malaspina, P., Cornara, L., Smeriglio, A., Trombetta, D., De Feo, & Vanin, S. (2024). *Eucalyptus Essential Oils in Pest Control: A Review of Chemical Composition and Applications Against Insects and Mites. Crop Protection*.
- Daud, R., Kartikawati, N. K., & Rimbawanto, A. (2015). *Budidaya dan Prospek Pengembangan Kayu Putih (Melaleuca cajuputi)*. Bogor: IPB Press.
- Doran, J. C. (1999). *Essential Oils of Tropical Asteromyrtus, Callistemon, and Melaleuca Species*. Australian Centre for International Agricultural Research (ACIAR).

- Elaissi, A., Rouis, Z., Salem, N. A., Mabrouk, S., ben Salem, Y., Salah, K. B., & Khouja, M. L. (2012). Chemical Composition of 8 Eucalyptus Species Essential Oils and The Evaluation of Their Antibacterial, Antifungal and Antiviral Activities. *BMC complementary and alternative medicine*, 12(1), 81.
- Ghozali, I. (2018). *Aplikasi Analisis Multivariat dengan Program IBM SPSS 25 (Edisi 9)*. Semarang: Badan Penerbit Universitas Diponegoro.
- Gledhill, D. (2008) *The Names of Plants. 4th Edition*. Cambridge: Cambridge University Press.
- Gosal, L. & Hosang, M. (2022). Kajian Potensi Minyak Atsiri (Volatile Organic Compounds) Sebagai Salah Satu Pengendali Hama Tanaman. *Jurnal Bios Logos*, 12(2), 149-156.
- Guenther, E. (1987). *The Essential Oils: Vol. 1. History, Origin in Plants, Production, Analysis*.
- Hidayati. (2012). Distilasi Minyak Atsiri dari Kulit Jeruk Pontianak dan Pemanfaatannya dalam Pembuatan Sabun Aromaterapi. *Biopropal Industri*. 3(2), 39-49.
- Idrus, S. & Smith, H. (2019). Estimasi Hubungan Sifat Fisika Kimia Minyak Kayu Putih (*Melaleuca leucadendron* Linn.) pada Industri Kecil Penyulingan di Maluku. *BIAM*, 15(1), 1-14.
- Indiati, S. W. & Marwoto, M. (2014). Potensi Ekstrak Biji Mimba sebagai Insektisida Nabati. *Buletin Palawija*, (15), 9-14.
- Indrayani, Y., Nandika, D., & Yusuf, S. (2007). Respons Makan Rayap Kayu Kering (*Incisitermes minor*) terhadap Beberapa Jenis Kayu pada Berbagai Suhu dan Kelembapan Relatif. *Jurnal Penelitian Hasil Hutan*, 25(4), 342–352.
- Isman, M. B. (2000). Plant Essential Oils for Pest and Disease Management. *Crop Protection*, 19(8), 603–608.
- Jankowska, M., Rogalska, J., Wyszowska, J., & Stankiewicz, M. (2018). Molecular targets for components of essential oils in the insect nervous system: a review. *Molecules*, 23(1), 34.
- Julianto, T. S. (2016). *Minyak Atsiri Bunga Indonesia*. Yogyakarta: Deepublish.
- Kartiko, A. B., Kuspradini, H., & Rosamah, E. (2021). Karakteristik Minyak Atsiri Daun *Melaleuca leucadendra* L. dari Empat Lokasi yang Berbeda di Kabupaten Paser Kalimantan Timur. *ULIN J. Hutan Trop*, 5, 80-85.
- Ketaren, S. (1985). *Pengantar Teknologi Minyak Atsiri*. Jakarta: Balai Pustaka.
- Khasanah, L. U., Utami, R., Manuhara, G. J., Fattahillah, Q., & Setyowati, F. P. (2018). Pengaruh Perlakuan Pendiaman dan Konsentrasi Etanol Terhadap Oleoresin Daun dan Kulit Batang Kayu Manis. *Prosiding*, 101.

- Krishna, K., Grimaldi, D. A., Ekrishna, V., & Engel, M. S. (2013). Treatise on the Isoptera of the world. (Bulletin of the American Museum of Natural History, no. 377). United States: American Museum of Natural History.
- Kumar, V., Yadav, S. K., & Ranjan, A. K. (2024). A Review on the Stability of Essential Oils Under Different Storage Conditions. *Research Communications*, 2(2), 117-123.
- Leong, X. Y., Singham, G. V., Shu-Chien, A. C., Doggett, S. L., & Lee, C. Y. (2020). Influences of Exposure Time and Mortality Assessment Interval on Bioassay Results of insecticide-resistant tropical bed bugs (Hemiptera: Cimicidae). *Insects*, 11(9), 640.
- Mady, M. S., Elsayed, H. E., Tawfik, N. F., & Moharram, F. A. (2024). Volatiles extracted from *Melaleuca Rugulosa* (Link) Craven leaves: Comparative Profiling, Bioactivity Screening, and Metabolomic Analysis. *BMC Complementary Medicine and Therapies*, 24(1), 394.
- Manzoor F, Munir N, Ambreen A, & Naz S. (2012). Efficacy of Some Essential Oils against American Cockroach *Periplaneta americana* (L.). *J Medicine Plant Re-search*. 6(6): 1065–1069.
- Mediavilla, I., Blázquez, M. A., Ruiz, A., & Esteban, L. S. (2021). Influence of The Storage of *Cistus ladanifer* L. Bales from Mechanised Harvesting on The Essential Oil Yield and Qualitative Composition. *Molecules*, 26(8), 2379.
- Meisyara, D., Himmi, S. K., Tarmadi, D., Ismayati, M., Wikantyoso, B., Fajar, A., & Yusuf, S. (2021). Anti-termite Activities of Indonesia's Essential Oils Against Invasive Drywood Termite for Wood Product Protection. In *IOP Conference Series: Earth and Environmental Science*, 918(1).
- Mirella, L. P. & Alfonso, A. (2023). Assessment of The Insecticidal Activity of Five Essential Oils Used Against The Subterranean Termite *Reticulitermes lucifugus* (Rossi) (Blattodea, rhinotermitidae) in Laboratory. *Journal of Entomology and Zoology Studies*, 11(2), 64-71.
- Miura, T., Matsumoto, T., & Sugio, M. (2021). The Differentiation and Role of Neotenic Reproductives in Termite Colonies. *Insectes Sociaux*, 68(1), 103–114.
- Nandika D, Rismayadi R., & Diba, F. (2003). *Biologi dan Pengendalian Rayap*. Surakarta: Muhammadiyah University Press.
- Nandika, D., Widyastuti, S. M., & Herawati, T. (2015). *Biologi dan Pengendalian Rayap*. Bogor: IPB Press.
- Nasser, R., Ibrahim, E., Fouad, H., Ahmad, F., Li, W., Zhou, Q., ... & Mo, J. (2024). Termiticidal, Biochemical, and Morpho-Histological Effects of Botanical Based Nanoemulsion against a Subterranean Termite, *Odontotermes Formosanus* Shiraki. *Frontiers in Plant Science*, 14, 1292272.

- Nerio, L. S., Olivero-Verbel, J., & Stashenko, E. E. (2009). Repellent Activity of Essential Oils: A Review. *Bioresource Technology*, 101(1), 372–378.
- Nuraeni, N., Ariffin, Z., & Supriatna, A. (2022). Peran Ekologis dan Kontrol Hayati Rayap sebagai Hama Penting. *Jurnal Hama dan Penyakit Tumbuhan Tropika*, 22(1), 65–72.
- Powo (Plants of the World Online). (2024). *Melaleuca cajuputi*: Taxonomic Information. Diakses dari <https://powo.science.kew.org>.
- Pujiarti, R., Ohtani, Y., & Ichiura, H. (2011). Physicochemical Properties and Chemical Compositions of *Melaleuca leucadendron* Leaf Oils Taken from Plantations in Java, Indonesia *Journal of Wood Science*, 57(5), 446–451.
- Putri, A. S., Manurung, R., Rosamah, E., & Kuspradini, H. (2023). Profil fisika dan kimia minyak atsiri dari jenis tumbuhan *Litsea* dengan metode penyulingan perebusan. *Jurnal Tengawang*, 13(1), 11–27.
- Putri, R. (2021). Aktivitas Antijamur Minyak Atsiri Daun Kayu Putih (*Melaleuca cajuputi*). *Tropical Journal of Natural Product Research*, 5(12).
- Qasim, M., Islam, W., Rizwan, M., Hussain, D., Noman, A., Khan, K. A., & Han, X. (2024). Impact of Plant Monoterpenes on Insect Pest Management and Insect-Associated Microbes. *Heliyon*, 10(20).
- Rahmah, A., Noor, M., & Diana, U. (2022). Rendemen dan Kualitas Minyak Kayu Putih (*Melaleuca cajuputi*) Dari Penyulingan PT INHUTANI II Pulau Laut. *Jurnal Sylva Scienceteae*. 5(4).
- Raina, A. K., Bland, J. M., Dickens, J. C., Hollister, B., & Muhammad, A. (2007). Premature Mortality of Termite Workers Caused by Feeding on a Cellulose Substrate Treated with a Synthetic Juvenile Hormone Analog *Sociobiology*, 50(3), 1041–1050.
- Ramadhan, R. N., Kusnadi, R. F., & Nurhayati, R. (2016). Efektivitas Insektisida Nabati terhadap Serangga Hama dan Keunggulannya Dibandingkan Insektisida Sintetis. *Jurnal Sains dan Teknologi Lingkungan*, 8(2), 79–85.
- Rienoviar, R., Smith, H., Assagaf, M., Pongtuluran, O. B., Agustinisari, I., & Harimurti, N. (2024). Karakteristik fisik dan komposisi kimia minyak kayu putih (*Melaleuca cajuputi*) asal Maluku dan Nusa Tenggara Barat [Physical characteristics and chemical composition of eucalyptus oil (*Melaleuca cajuputi*) from Maluku and West Nusa Tenggara]. *Jurnal Teknologi & Industri Hasil Pertanian*, 29(1), 56–64.
- Rimbawanto, A. (2017). Distribusi dan Potensi Genetik *Melaleuca cajuputi* di Indonesia. *Buletin Plasma Nutfah*, 23(2), 55–62.
- Rimbawanto, A., Kartikawati, N. K., & Hardiyanto, E. B. (2017). *Minyak Kayu Putih dari Tanaman Asli Indonesia untuk Masyarakat Indonesia*. Yogyakarta: Kaliwangi.

- Rodilla, J. M., Rosado, T., & Gallardo, E. (2024). Essential Oils: Chemistry and Food Applications. *Foods*, 13(7), 1074.
- Rusli, S. & Nurjanah, N. 1990. Penelitian Tanaman Penghasil Minyak Atsiri di Balittro. *Edisi Khusus Littro. J.* Vol VI No 1.
- Sakasegawa, M., Hori, K., & Yataga, M. (2003). Composition and Antitermite Activities of Essential Oils from *Melaleuca* Species. *Journal of Wood Science*, 49(2), 181–187.
- Sastrohamidjojo, H. (2004). *Kimia Minyak Atsiri*. Yogyakarta: Gadjah Mada University Press.
- Scheffrahn, R. H., Su, N. Y., & Busey, P. (1997). Laboratory and field evaluations of selected chemical treatments for control of drywood termites (Isoptera: Kalotermitidae). *Journal of economic entomology*, 90(2), 492-502.
- Septiana, S., Yuliana, N. D., Bachtiar, B. M., & Wijaya, C. H. (2020). Aroma-active compounds of *Melaleuca cajuputi* essential oil, a potent flavor on Cajuputs Candy. *AIMS Agriculture and Food*, 5(2).
- Setyaningsih, D., Sukmawati, L., & Ketaren, S. (2014). Pengaruh Konsistensi Biji dan Kenaikan Titik Berat Lama-lama Muka Destilasi Uap terhadap Buah dan Jenis Minyak Atsiri Kayu Putih. *Jurnal Teknologi Industri Pertanian*, 24(2), 148-156.
- Siarudin, M. & Widiyanto, A. (2014). Karakteristik penguapan air dan kualitas minyak pada daun kayu putih jenis *Asteromyrtus symphyocarpa*. *Jurnal Penelitian Hasil Hutan*, 32(2), 101–112.
- Siddiqui, F. & James, B. (2023). Unmasking the Lethal Potential: Investigating the Impact of essential oils of Eucalyptus (*Eucalyptus saligna*), Neem (*Azadirachta indica*), Garlic (*Allium sativum*), Turpentine oil and Petrol (Gasoline) on Mortality rate of Subterranean Termite (*Coptotermes heimi*). *IJNRD*, 8, 2456-4184.
- Sigit, R. & Hadi, Y. S. (2006). Serangan Rayap dan Upaya Pengendaliannya pada Bangunan. *Buletin Plasma Nutfah*, 12(3), 99–106.
- Simangunsong, B. & Dirhamsyah, M. (2022). Identifikasi Jenis Rayap Di Dusun Sangku Desa Pancaroba Kecamatan Sungai Ambawang Kabupaten Kubu Raya. *Jurnal Hutan Lestari*, 10(1): 5-67.
- Simarmata, J. (2017). *Analisa Kualitas Minyak Sereh (Cymbopogon nardus Rendle) secara Organoleptik dan Fisiko-Kimia Berdasarkan Spesifikasi Persyaratan Mutu SNI 06-3959-1995 di PSMB Medan* (Doctoral dissertation, Universitas Sumatera Utara).
- Simbolon, K., Nuriyatin, N., & Silsia, D. (2024). Pengaruh Pelayuan dan Perajangan terhadap Produksi Minyak Atsiri Daun Tanaman Pucuk Merah (*Syzygium rehderianum* Merr.). *Journal of Global Forest and Environmental Science*, 4(1).

- Susetyo R. & Reny H. 2004. *Kiat Menghasilkan Minyak Sereh Wangi*. Jakarta: Penebar Swadaya.
- Sornuwat, Y., Tsunoda, K., & Yoshimura, T. (1995). Resistance of 12 Thai Wood Species to the Subterranean Termite *Coptotermes formosanus* Shiraki and Japanese Powderpost Beetle *Lyctus linearis* Goeze. *Journal of Wood Science*, 41(2), 136–139.
- Srivastava, R., Kamin, A., & Akhilesh, B. (2025). A Comprehensive Analysis of Essential Oils as Biopesticides Against Termites. *Journal of Entomology and Zoology Studies*, 13(4).
- Subekti, R. (2020). Efektivitas Minyak Atsiri Kayu Putih sebagai Insektisida terhadap Rayap Tanah. *Jurnal Perlindungan Tanaman Tropika*, 23(3), 123–130.
- Subyanto. (1999). *Rayap dan Kerusakan Kayu: Studi Kasus di Pemukiman Tropis*. Jakarta: Balai Penelitian Kehutanan.
- Suhendy, H., Wulan, L. N., & Hidayati, N. L. D. (2022). Pengaruh Bobot Jenis Terhadap Kandungan Total Flavonoid dan Fenol Ekstrak Etil Asetat Umbi Ubi Jalar Ungu-Ungu (*Ipomoea batatas* L.). *Journal of Pharmacopolium*, 5(1), 18–24.
- Tavish, H. & Harris, D. (2002). An Economic Study of Essential Oil Production in the UK: A Case Study Comparing Non-UK Lavender/ Lavandin Production and Peppermint/Spearmint Production with UK Production Techniques and Costs. Report to Government-Industri Forum on Non Food Uses of Crops DEFRA, London.
- Taghizadeh, M., Khezripour, M., Tayarani-Najaran, Z., & Hosseinzadeh, H. (2022). Therapeutic Applications of Eucalyptus Essential Oils. *Inflammopharmacology*, 33, 163–182.
- Tampubolon, D. B., Marzuki, & Suprpti, M. (2015). Identifikasi Rayap pada Bangunan dan Habitat Alaminya. *Jurnal Biologi Tropis*, 15(2), 89–95.
- Thomas, A. N. S. 1992. *Tanaman Obat Tradisional*. Kanisius. Yogyakarta.
- Tine, S., Tine-Djebbar, F., Debab, A., Mesloub, A., & Soltani, N. (2023). Insecticidal Efficacy and Physiological Effects of Eucalyptus globulus Essential Oil and its Constituent, 1, 8-Cineole Against *Tribolium confusum* (Jacquelin du Val, 1868) (Coleoptera, Tenebrionidae). *Journal of Plant Diseases and Protection*, 130(4), 769-780.
- Trabado, C. & Wilstermann, D. (2008). *Eucalyptus and Melaleuca Species in Indonesia: Ecology and Uses*. Indonesian, German Forestry Program.
- Tran, D. B., Hoang, T. V., & Dargusch, P. (2015). An Assessment of The Carbon Stocks and Sodidity Tolerance of Disturbed *Melaleuca* Forests in Southern Vietnam