

## DAFTAR PUSTAKA

- Anderson, K.B. *et al.* (2007) 'Burden of symptomatic dengue infection in children at primary school in Thailand: a prospective study', *Lancet*, 369(9571), pp. 1452–1459. Available at: [https://doi.org/10.1016/S0140-6736\(07\)60671-0](https://doi.org/10.1016/S0140-6736(07)60671-0).
- Ansari, M.A. *et al.* (2005) 'Larvicidal and mosquito repellent activities of Pine (*Pinus longifolia*, Family: Pinaceae) oil', *Journal of Vector Borne Diseases*, 42(3), pp. 95–99.
- Azari-Hamidian, S. (2007) 'Larval Habitat Characteristics of Mosquitoes of the Genus *Culex* (Diptera: Culicidae) in Guilan Province, Iran', *Iranian Journal of Arthropod-Borne Diseases*, 1(1), pp. 9–20.
- Azokou, A. *et al.* (2013) 'Larvicidal potential of some plants from West Africa against *Culex quinquefasciatus* (Say) and *Anopheles gambiae* Giles (Diptera: Culicidae)', *Journal of Vector Borne Diseases*, 50(2), pp. 103–110.
- Barbosa, J.D. *et al.* (2012) 'Structure-activity relationships of eugenol derivatives against *Aedes aegypti* (Diptera: Culicidae) larvae', *Pest Management Science*, 68(11), pp. 1478–1483. Available at: <https://doi.org/10.1002/ps.3331>.
- Baruah, K., Kumar, A. and Meena, V.R. (2004) 'Entomological Investigations for DF / DHF in', 28, pp. 213–215.
- Bhat, S.K. and Kempraj, V. (2009) 'Biocidal potential of clove oils against *Aedes albopictus* - A comparative study', *African Journal of Biotechnology*, 8(24), pp. 6933–6937.
- Bhatt, S. *et al.* (2013) *The Global Distribution and Burden of Dengue*, *The Global Distribution and Burden of Dengue*. Nature. Available at: <https://doi.org/10.1038/nature12060>.The.
- Budiwan, A. *et al.* (2016) 'AGROINDUSTRI PENYULINGAN MINYAK DAUN CENGKEH (Studi Kasus di Desa Cangkring Kecamatan Ngadirojo Kabupaten Pacitan)', 5(2), pp. 41–53.
- Cavalcanti, E.S.B. *et al.* (2004) 'Larvicidal activity of essential oils from Brazilian plants against *Aedes aegypti* L.', *Memórias do Instituto Oswaldo Cruz*, 99(5), pp. 541–544. Available at: <https://doi.org/10.1590/S0074-02762004000500015>.
- CDC (2020) 'The Centers for Disease Control and Prevention (CDC) in Indonesia', CDC [Preprint], (Cdc).

- Chaturvedi, U.C., Nagar, R. and Shrivastava, R. (2006) 'Dengue and dengue haemorrhagic fever : implications of host genetics'. Available at: <https://doi.org/10.1111/j.1574-695X.2006.00058.x>.
- Chintihia, T. (2015) 'Efek Larvasida Ekstrak Daun Cengkeh ( *Syzygium aromaticum* L . ) terhadap *Aedes aegypti*', *J Agromed Unila*, 2(4), pp. 510–515.
- Christophers, S.S.R. (1960) *Aedes aegypti (L) The Yellow Fever Mosquito*. London: Cambridge University Press.
- Costa, J.G.M. *et al.* (2005) 'Artigo *Aedes aegypti*', 15(4), pp. 304–309.
- Departemen Kesehatan RI (2000) *Parameter Standar Umum EkstrakTanaman Obat, Departemen Kesehatan RI*.
- Dinas Kesehatan Provinsi Sulteng (2019) *Profi Dinkes Sulteng 2019, Dinas Kesehatan Sulawesi Tengah*. Palu.
- Elzayyat, E. *et al.* (2018) 'Insecticidal, Oxidative, and Genotoxic Activities of *Syzygium aromaticum* and *Eucalyptus globulus* on *Culex pipiens* Adults and Larvae', *Turkiye parazitoloji dergisi*, 42(3), pp. 213–222. Available at: <https://doi.org/10.5152/tpd.2018.5626>.
- Fadlilah, A.L.N. and , Widya Hary Cahyati, R.W. (2017) 'Uji daya proteksi ekstrak daun pepaya (*carica papaya* L)dalamsedianlotion denga basis PEG 400 sebagai repellentterhadapaedes *aegypti*', *Jurnal Care Vol .5, No.3, Tahun 2017*, 001(3), pp. 393–402.
- Faraco, A. *et al.* (2016) 'Larvicidal activity of *Syzygium aromaticum* (L.) Merr and *Citrus sinensis* (L.) Osbeck essential oils and their antagonistic effects with temephos in resistant populations of *Aedes aegypti*', *Memorias do Instituto Oswaldo Cruz*, 111(7), pp. 443–449. Available at: <https://doi.org/10.1590/0074-02760160075>.
- Fayemiwo, K.A. *et al.* (2014) 'Larvicidal efficacies and chemical composition of essential oils of *Pinus sylvestris* and *Syzygium aromaticum* against mosquitoes', *Asian Pacific Journal of Tropical Biomedicine*, 4(1), pp. 30–34. Available at: [https://doi.org/10.1016/S2221-1691\(14\)60204-5](https://doi.org/10.1016/S2221-1691(14)60204-5).
- Fidayanto, R. *et al.* (2013) *Model Pengendalian Demam Berdarah Dengue, Kesmas: National Public Health Journal*. Available at: <https://doi.org/10.21109/kesmas.v7i111.366>.
- Gubler, D.J. (1998) 'Dengue and Dengue Hemorrhagic Fever', 11(3), pp. 480–496.
- Guzman, M.G. *et al.* (2010) 'Europe PMC Funders Group Dengue : a continuing global threat Europe PMC Funders Author Manuscripts', *Nat Rev Microbiol*, 8(12 0), pp. 7–16. Available at: <https://doi.org/10.1038/nrmicro2460.Dengue>.

- Haditomo, I. (2010) *EFEK LARVASIDA EKSTRAK DAUN CENGKEH ( Syzygium aromaticum L . ) TERHADAP Aedes aegypti L . , Universitas Sebelas Maret. Universitas Sebelas Maret.*
- Halstead, S.B. (2005) 'More dengue, more questions', *Emerging Infectious Diseases*, 11(5), pp. 740–741. Available at: <https://doi.org/10.3201/eid1105.050346>.
- Handito, S., Setyaningrum, E. and Tandjung T, H. (2014) 'UJI EFEKTIVITAS EKSTRAK DAUN CENGKEH (Syzygium aromaticum) SEBAGAI BAHAN DASAR OBAT NYAMUK ELEKTRIK CAIR TERHADAP NYAMUK Aedes aegypti', 2(2), p. 518055.
- Haryanto, B. (2018) 'Indonesia Dengue Fever: Status, Vulnerability, and Challenges', *Intech*, (tourism), p. 13. Available at: <https://www.intechopen.com/books/advanced-biometric-technologies/liveness-detection-in-biometrics>.
- Hastutiningrum, N.O. (2010) *Efek Minyak Atsiri Daun Cengkeh (Syzygium aromaticum L) Terhadap Mortalitas Larva Anopheles aconitus. Universitas Sebelas Maret.*
- Hawley, W.A. *et al.* (1987) 'Aedes albopictus in North America : Probable Introduction in Used Tires from Northern Asia BEIJING', (5), pp. 1–3.
- Heriyanto, B. *et al.* (2015) 'Uji Repelen (Daya Tolak) Beberapa Ekstrak Tumbuhan Terhadap Gigitan Nyamuk Aedes Aegypti Vektor Demam Berdarah Dengue', *Neliti.Com*, pp. 79–85.
- Hidayati, H. *et al.* (2011) 'Insecticide resistance development in Aedes aegypti upon selection pressure with malathion', *Tropical Biomedicine*, 28(2), pp. 425–437.
- Idowu, O.A., Adeleke, M.A. and Aina, T, M. (2012) 'Evaluation of Indoor breeding activities of mosquitos during the dry season in abeokuta, Southwestern Nigeria', *Journal of Environmental Health Research*, 12(01), pp. 25–28.
- Kalra, N., Kaul, S.M. and Rastogi, R.M. (1997) 'Prevalence of Aedes aegypti and Aedes albopictus– Vectors of Dengue and Dengue haemorrhagic fever in North, North-East and Central India', *Dengue Bulletin*, 21.
- Karyanti, M.R. *et al.* (2014) 'The changing incidence of Dengue Haemorrhagic Fever in Indonesia: A 45-year registry-based analysis', *BMC Infectious Diseases*, 14(1), pp. 1–7. Available at: <https://doi.org/10.1186/1471-2334-14-412>.
- Katz, T.M., Miller, J.H. and Hebert, A.A. (2008) 'Insect repellents: Historical perspectives and new developments', *J Am Acad Dermatol*, 58(Cdc), pp. 865–871. Available at: <https://doi.org/10.1016/j.jaad.2007.10.005>.

- Kementrian Kesehatan Republik Indonesia (2012) *Pedoman Penggunaan Insektisida (Pestisida) Dalam Pengendalian Vektor, Direktorat Jenderal Pengendalian Penyakit dan Penyehatan Lingkungan*.
- Kementrian Pertanian Republik Indonesia (2015) *PERATURAN MENTERI PERTANIAN REPUBLIK INDONESIA NOMOR 39/Permentan/SR.330/7/2015 Tentang Pendaftaran Pestisida*.
- Kraemer, M.U.G. *et al.* (2019) 'Past and future spread of the arbovirus vectors *Aedes aegypti* and *Aedes albopictus*', *Nature Microbiology*, 4(5), pp. 854–863. Available at: <https://doi.org/10.1038/s41564-019-0376-y>.
- Krishnappa, K. *et al.* (2012) 'Larvicidal and repellent properties of *adansonia digitata* against medically important human malarial vector mosquito *anopheles stephensi* (Diptera: Culicidae)', *Journal of Vector Borne Diseases*, 49(2), pp. 86–90.
- Lauwrens, F.I.J., Wahongan, G.J. and Bernadus, J.B. (2014) 'Pengaruh dosis abate terhadap jumlah populasi jentik nyamuk *Aedes* spp di kecamatan Malalayang Kota Manado', *Journal e-Biomedik*, 2(1), pp. 1–5.
- Lokesh, R. *et al.* (2010) 'Larvicidal Activity of *Trigonella foenum* and *Nerium oleander* Leaves Against Mosquito Larvae Found in Vellore City, India', *Current Research Journal of Biological Sciences*, 2(3), pp. 154–160.
- Maia, M.F. and Moore, S.J. (2011) 'Plant-based insect repellents: A review of their efficacy, development and testing', *Malaria Journal*, 10(SUPPL. 1), pp. 1–15. Available at: <https://doi.org/10.1186/1475-2875-10-S1-S11>.
- Malavige, G.N. *et al.* (2004) 'Dengue viral infections', *Postgrad Med J*, pp. 588–602. Available at: <https://doi.org/10.1136/pgmj.2004.019638>.
- Matsumura, F. (1985) *Toxicology of Insecticides, Toxicology of Insecticides*. Available at: <https://doi.org/10.1007/978-1-4613-2491-1>.
- Medeiros, E.S. *et al.* (2013) 'Larvicidal activity of clove ( *Eugenia caryophyllata* ) extracts and eugenol against *Aedes aegypti* and *Anopheles darlingi*', *African Journal of Biotechnology*, 12(8), pp. 836–840. Available at: <https://doi.org/10.5897/AJB12.2678>.
- Moh, C.S. *et al.* (2008) 'Community-based use of the larvivorous fish *Poecilia reticulata* to control the dengue vector *Aedes aegypti* in domestic water storage containers in rural Cambodia Community-based use of the larvivorous fish *Poecilia reticulata* to control the dengue vector', *Journal of Vector Ecology*, 33(1), pp. 139–144.

- Mohammad Nazrul Islam Bhuiyan (2012) 'Constituents of the essential oil from leaves and buds of clove (*Syzygium caryophyllatum* (L.) Alston)', *African Journal of Pharmacy and Pharmacology*, 6(16). Available at: <https://doi.org/10.5897/ajpp10.004>.
- Monath, T.P. (1988) 'The Arboviruses : Epidemiology and Ecology', III.
- Nihayah, E. (2013) 'Efektivitas Ekstrak daun Pandan Wangi (*Pandanus amaryllifolius*) Sebagai Obat Nyamuk Elektrik Cair Terhadap Kematian Nyamuk *Aedes aegypti*'.
- Nurdjannah, N. (2004) 'Diversifikasi Penggunaan Cengkeh', *Perspektif*, 3(2), pp. 61–70.
- Oduola, A.O. *et al.* (2010) 'High level of DDT resistance in the malaria mosquito: *Anopheles gambiae* s.l. from rural, semi urban and urban communities in Nigeria', *Journal of Rural and Tropical Public Health*, 9(Figure 1), pp. 114–120.
- Osanloo, M. *et al.* (2018) 'Larvicidal activity of essential oil of *Syzygium aromaticum* (clove) in comparison with its major constituent, eugenol, against *Anopheles stephensi*', *Journal of Arthropod-Borne Diseases*, 12(4), pp. 361–369. Available at: <https://doi.org/10.18502/jad.v12i4.354>.
- Osanloo, M. *et al.* (2019) 'Larvicidal Activity of Essential Oil of *Syzygium aromaticum* (Clove) in Comparison with Its Major Constituent, Eugenol, against *Anopheles stephensi*', *Journal of Arthropod-Borne Diseases*, 12(December), pp. 361–369. Available at: <https://doi.org/10.18502/jad.v12i4.354>.
- Pamungkas, Syafei, N.S. and Soeroto, A.Y. (2016) 'Perbandingan Efek Larvasida Minyak Atsiri Daun Cengkeh (*Syzygium aromaticum* L.) Varietas Zanzibar dengan Temephos terhadap Larva Nyamuk *Aedes aegypti*', *Pharmaceutical Sciences and Research*, 3(3), pp. 139–144. Available at: <https://doi.org/10.7454/psr.v3i3.3566>.
- Pan America Health Organization (2016) *Guidelines for Patient Care in The Region Americas*.
- Pan American Health Organization (2018) 'Integrated Management Strategy for Dengue Prevention and Control in the Region of the Americas', *Pan American Health Organization* [Preprint]. Available at: <https://doi.org/10.1590/S1020-49892007000100011>.
- Pandiyan, G.N., Mathew, N. and Munusamy, S. (2019) 'Larvicidal activity of selected essential oil in synergized combinations against *Aedes aegypti*', *Ecotoxicology and Environmental Safety*, 174(March), pp. 549–556. Available at: <https://doi.org/10.1016/j.ecoenv.2019.03.019>.

- Porter, K.R. *et al.* (2005) 'EPIDEMIOLOGY OF DENGUE AND DENGUE HEMORRHAGIC FEVER IN A COHORT OF ADULTS LIVING IN BANDUNG , WEST JAVA , INDONESIA', *Am.J. Trop.Med.*, 72(1), pp. 60–66.
- Pratiwi, A. (2012) 'Penerimaan Masyarakat Terhadap Larvasida Alami', *Jurnal Kesehatan Masyarakat*, 8(1), pp. 88–93. Available at: <https://doi.org/10.15294/kemas.v8i1.2817>.
- Prayitno, A. *et al.* (2017a) 'Dengue seroprevalence and force of primary infection in a representative population of urban dwelling Indonesian children', *PLoS Neglected Tropical Diseases*, 11(6), pp. 1–16. Available at: <https://doi.org/10.1371/journal.pntd.0005621>.
- Prayitno, A. *et al.* (2017b) 'Dengue seroprevalence and force of primary infection in a representative population of urban dwelling Indonesian children', *PLoS Neglected Tropical Diseases*, 11(6), pp. 1–16. Available at: <https://doi.org/10.1371/journal.pntd.0005621>.
- Rodrigues, A.M. *et al.* (2019) 'Different susceptibilities of *Aedes aegypti* and *Aedes albopictus* larvae to plant-derived products', *Revista da Sociedade Brasileira de Medicina Tropical*, 52(October 2018), p. e20180197. Available at: <https://doi.org/10.1590/0037-8682-0197-2018>.
- Roiz, D. *et al.* (2018) 'Integrated *Aedes* management for the control of *Aedes*-borne diseases', *PLoS Neglected Tropical Diseases*, 12(12), pp. 1–21. Available at: <https://doi.org/10.1371/journal.pntd.0006845>.
- Sathantriphop, S. *et al.* (2015) 'Comparison of Field and Laboratory-Based Tests for Behavioral Response of *Aedes aegypti* (Diptera: Culicidae) to Repellents', *Journal of Economic Entomology*, 108(6), pp. 2770–2778. Available at: <https://doi.org/10.1093/jee/tov243>.
- Schnoor, J.L. (2007) 'Comment ▼ The IPCC Fourth Assessment', p. 2007. Available at: <https://doi.org/10.1021/es072475x>.
- Setiati, T.E. *et al.* (2006) 'Changing Epidemiology of Dengue Haemorrhagic Fever in Indonesia', 30, pp. 1–14.
- Simmons, C.P. *et al.* (2006) 'Scientific working group on materials analysis position on hair evidence', *Journal of Forensic Sciences*, 54(5), pp. 1198–1202. Available at: <https://doi.org/10.1111/j.1556-4029.2009.01139.x>.
- Simmons, C.P. *et al.* (2012) 'Current Concepts Dengue', *The New England Journal of Medicine*, 18(4), pp. 487–494. Available at: <https://doi.org/10.1191/026635500701526679>.

- Soonwera, M. and Phasomkusolsil, S. (2016) 'Effect of *Cymbopogon citratus* (lemongrass) and *Syzygium aromaticum* (clove) oils on the morphology and mortality of *Aedes aegypti* and *Anopheles dirus* larvae', *Parasitology Research*, 115(4), pp. 1691–1703. Available at: <https://doi.org/10.1007/s00436-016-4910-z>.
- Soundravally, R. and Hoti, S.L. (2008) 'Polymorphisms of the TAP 1 and 2 Gene May Influence Clinical Outcome of Primary Dengue Viral Infection', pp. 618–625. Available at: <https://doi.org/10.1111/j.1365-3083.2008.02109.x>.
- Stancil, J.D., Lo, V. and Devine, G.J. (2005) 'Potential Use of Pyriproxyfen for Control of *Aedes aegypti* (Diptera : Culicidae) in Iquitos, Peru', *J. Med. Entomo*, 4(Who 2001), pp. 620–630.
- Suwandono, A. *et al.* (2006) 'Four dengue virus serotypes found circulating during an outbreak of dengue fever and dengue haemorrhagic fever in Jakarta, Indonesia, during 2004'. Available at: <https://doi.org/10.1016/j.trstmh.2005.11.010>.
- The World Bank (2016) 'World Bank Indonesia', pp. 1–4. Available at: <https://www.worldbank.org/en/country/indonesia/overview>.
- Thomas, A. *et al.* (2017) 'Evaluation of active ingredients and larvicidal activity of clove and cinnamon essential oils against *Anopheles gambiae* (sensu lato)', *Parasites and Vectors*, 10(1), pp. 1–7. Available at: <https://doi.org/10.1186/s13071-017-2355-6>.
- Vos, T. *et al.* (2016) 'Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015', *The Lancet*, 388(10053), pp. 1545–1602. Available at: [https://doi.org/10.1016/S0140-6736\(16\)31678-6](https://doi.org/10.1016/S0140-6736(16)31678-6).
- Wagenaar, J.F.P. (2004) 'Genetic Influences on Dengue Virus Infections Genetic Influences on Dengue Virus Infections', (December 2004).
- World Health Organization (1981) *Instruction for determining the susceptibility or resistance of mosquito larvae to insecticide*. Geneva: World Health Organization; 1981, Who/Vbc/81/807.
- World Health Organization (1982) *MANUAL ON ENVIRONMENTAL MANAGEMENT*, WHO Offset Publication.
- World Health Organization (1992a) *Lymphatic filariasis: The disease and its control. Fifth report of the WHO Expert Committee on Filariasis*, World Health Organization - Technical Report Series. Available at: <https://doi.org/10.1093/jmedent/31.4.635>.

- World Health Organization (1992b) *Vector resistance to pesticides. Fifteenth Report of the WHO Expert Committee on Vector Biology and Control.*, World Health Organization - Technical Report Series. Available at: [https://doi.org/10.1016/0035-9203\(93\)90514-q](https://doi.org/10.1016/0035-9203(93)90514-q).
- World Health Organization (2004) *Global strategic framework for integrated vector management*, Geneva: WHO. Available at: [https://doi.org/10.1564/v24\\_jun\\_14](https://doi.org/10.1564/v24_jun_14).
- World Health Organization (2005) *Guidelines for laboratory and field testing of mosquito larvicides*, World Health Organization. Available at: [http://whqlibdoc.who.int/hq/2005/WHO\\_CDS\\_WHOPES\\_GCDPP\\_2005.13.pdf?ua=1](http://whqlibdoc.who.int/hq/2005/WHO_CDS_WHOPES_GCDPP_2005.13.pdf?ua=1).
- World Health Organization (2007) *WHO consultation on integrated vector management (IVM)*.
- World Health Organization (2008) 'Guidelines for Drinking-water Quality', 1.
- World Health Organization (2009a) *DENGUE: Guidelines For Diagnosis, Treatment, Prevention and Control*.
- World Health Organization (2009b) *Guidelines for Efficacy Testing of Household Insecticide Products*, World Health Organization.
- World Health Organization (2010) 'First WHO report on neglected tropical diseases: working to overcome the global impact of neglected tropical diseases', World Health Organization, pp. 1–184. Available at: <https://doi.org/10.1177/1757913912449575>.
- World Health Organization (2011) *Prevention and Control of Dengue and Dengue Haemorrhagic Fever*.
- World Health Organization (2014) *World Health Statistics 2014*, World Health Organization. Available at: <https://www.scopus.com/inward/record.uri?eid=2-s2.0-33645547325%7B%7DpartnerID=40%7B%7Dmd5=5c937a0c35f8be4ce16cb392381256da%0Ahttp://jtk.unsri.ac.id/index.php/jtk/article/view/4/6%0Ahttp://dx.doi.org/10.1016/j.biortech.2008.12.046%0Ahttp://dx.doi.org/10>.
- World Health Organization (2016) 'World Malaria Report 2016', Geneva, Switzerland, 2016., 0(0), p. 0. Available at: <https://doi.org/10.4135/9781452276151.n221>.
- World Health Organization (2017) *Global Vector Control Response 2017-2030*. Geneva.
- World Health Organization (2020a) *Pictorial identification key of important disease vectors in the WHO South-East Asia Region 2020*.



World Health Organization (2020b) 'WORLD MALARIA REPORT 2020'.

Yoo, C. Bin *et al.* (2005) 'Eugenol isolated from the essential oil of *Eugenia caryophyllata* induces a reactive oxygen species-mediated apoptosis in HL-60 human promyelocytic leukemia cells', *Cancer Letters*, 225(1), pp. 41–52. Available at: <https://doi.org/10.1016/j.canlet.2004.11.018>.