DAFTAR PUSTAKA

Ahmad, I., Astari, S., Rahayu, R., dan Hariani, N. 2008. Status Kerentanan *Ae. aegypti (*Diptera : Culicidae) pada tahun 2006-2007 terhadap Malation di Bandung, Jakarta, Surabaya, Palembang dan Palu. *Biosfera* 26:2 2009

Ahmad, I., 2011. *Adaptasi Serangga dan Dampaknya Terhadap Kehidupan Manusia*. Pidato Ilmiah Guru Besar Institut Teknologi Bandung.

Anonym.2009.Encyclopedia > Mosquito.http://www.statemaster.com/encyclopedia / Mosquito diakses pada tanggal 1 Oktober 2014.

Boewono, D.T., Widiarti., 2006. *Resistensi Vektor Terhadap Insektisida Organophospat* di Daerah Jogja-Solo-Semarang.

Boewono, D.T.,& Widiarti. 2007. Susceptibility of Dengue Haemoraghic Fever Vektor (*Ae. aegypti*) Against Organophosphate Insecticides (Malation dan Temefos) in some Districs of Yogyakarta dan Central Java Provinces.*Buletin Penelitian Kesehatan. Balitbangkes.* Depkes RI.35(2):49-56.

Braga, I.A, Lima J.B.P., Soares, S.S., Valle, J. 2004. Ae. aegypti resistance to temefos during 2001 in several municipalities in the states of Rio de Janeiro, Sergipe, and Alagoas, Brazil. *Mem Inst Oswaldo Cruz*, Rio de Janeiro, 99(2): 199-203.

Brengues, C., Hawkes, N.J., Chandre, F., McCarroll, L., Duchon, S., Guillet, P., Manguin, S., Morgan, J,C., Hemingway, J. 2003. Pyrethroid and DDT cross-resistance in Ae. aegypti is correlated with novel mutations in the voltage-gated sodium channel gene. *Med Vet Entomol*, 17:87–94.

Brogdon, W.G., dan McAllister, J.C. 1998. Insecticade Resistence and Vector Control Centers for Disease Control and Prevention. *Emergeng Infectious Diseases*. Vol. 4, no. 4, pp 605-613.

Brooke, B.D., H.H Richard., L.K. Lizette., J. Dossou-Yuvo, dan C.Maureen. 1999. Evaluation of Polymerase Chain Reaction Assay for detection of Pyrethroid Insecticide resistance in Malatia Vector Species of An, Gambiae Complex. *J Am. Mosq. Contr. Assoc*. 15 : 565-568.

CDC, 2012. *Dengue and the Ae. aegypti mosquito*

Chang, C., Shen, W.K., Wang, T.T., Lin, Y.H., Hsu, E.L., Dai, S.M. 2013. A novel amino acid substitution in a voltage-gated sodium channel is associated with Stenhouse et al. *Parasites & Vectors*, 6:253 Page 9 of 10 http://www.parasitesandvectors.com/content/6/1/253 knockdown resistance to permethrin in Ae. aegypti. *Insect Biochem Mol Biol* 2009, 39:272–278.

Christophers, S.R., 1960. *Ae. aegypti* (L.) The Yellow Fever Mosquito Its Life History, Bionomic and Structure. *Cambridge University Press.*

David, A.W, & Gilles, H.M. Essential Malariology" *International Student Edition. Fourth Edition, London, New York, New Delhi.* 2002.p. 159-166.

Departemen Kesehatan Republik Indonesia. 2003. *Pencegahan Dan Penanggulangan Penyakit Demam Dengue Dan Berdarah Dengue.* Jakarta

Departeman Kesehatan Republik Indonesia. 2007. *Petunjuk Teknis Disinseksi Kapal Laut dan Pesawat Udara*.Dir.Jen. PP & PL

Djojosumarto, P., 2008. Pestisida dan aplikasinya, *PT Argomedia Pustaka, Jakarta*. p 203.

Du, Y., Nomura, Y., Satara, G., Hua, Z., Nauenb, R. 2013. Molecular evidencefor dual pyrethroid-receptor sites on a mosquito sodium channel. *PNAS* 110 : 11785–11790.

Ffrench ,C, R. H., Philip J. D., dan Gaelle L, Goff., *2004* The genetics and genomics of insecticide resistance. *TRENDS in Genetics*. Vol. 20 No. 3. p. 163-170.

Finney, D.J., 1971. Probit Analysis 3rd *Ed. Cambridge University Press*, Great Britain

Georghiou G.P., Taylor C.E,. 1976, Pesticide resistance as an evolutionary phenomenon. *Prog XV tn int Congr Erit Washington DC*, p:759-785

Georghiou, G.P., R.B. Mellon., Pesticide Resistence in Time and Space. In: Pest Resistence to Pesticides (Eds. G.P. Georghiou & T. Saito). Plenum *Press, New York*. P. 1-46, 1983.

Ghiffari, A., Humairo, F., dan Chairil, A (2013). Deteksi Resistensi Insektisida SintetikPiretroid pada Ae. aegypti Strain Palembang Mengunakan Teknik Polymesarase Chain Reaction. *Jurnal Penelitian Penyakit Tular Vektor 5:2*

Hadi, U.K., & Koesharto, F.X. 2006. Nyamuk, Hama Permukiman Indonesia. Pengenalan, Biologi dan Pengendalian.Unit Kajian *Pengendalian Hama Pemukiman. Fakultas Kedokteran Hewan. Institut Pertanian Bogor*.p 32-33.

Harris AF, S Rajatileka, H Ranson.2010. Pyrethroid Resistance in Ae. aegypti from Grand Cayman. *Am. J. Trop. Med. Hyg.* 2010; 83(2): 277-284.

Hemingway, J., H, Ransom. 2000. Insecticide Resistance in Insect Vectors of Human Disease. *Annu. Rev. Entomol*. 45 : 371-391

Hidayati, H, M., Azirun, N.W., Ahmad dan Lee, H.L. 2005. Insecticide resistance development in *Culex quinguefasciatus* (Say), *Ae. aegypti* (L.) and *Aedes albopictus* (Skutse) larvae against Malation, permetrin and temefos. *Tropical Biomedicine* 22 (1) : 45-52

Hoedojo, R,. 1998. Morfologi, Daur Hidup dan Perilaku Nyamuk dalam Parasitologi Kedokteran. *Edisi Ke-3. Fakultas Kedokteran Universitas Indonesia*. Jakarta.

Hoedojo, R., & Zulhasril., 2008. Insektisida dan Resistensi, Parasitologi Kedokteran. *Buku Ajar Edisi Keempat. FK Universitas Indonesia.Jakarta*.p 282, 286.

Hollingworth RM, Dong K. 2008. *Biochemical and Molecular Basis of Resistance. In: Global Pesticide Resistance in Arthropods*; Whalon ME, Sanchez DM, Hollingworth RM (eds); pp. 48-51.

Huong VD, Ngoc NTB. 1999. *Susceptibility of Ae. aegypti to Insecticides in South Vietnam*. *Dengue Bulletin* Volume 23.

Ishak, I.H., Zairi, J., Hilary, R., Carles, S.W. 20015.Contrasting patterns of insecticide resistance and knockdown resistance (kdr) in the dengue vectors *Ae. aegypti* and *Aedes albopictus* from Malaysia. *Parasites & Vectors* . 8:181.

Kantor Kesehatan Pelabuhan Kelas I Tanjung Priok. 2014. Lapaoran Tahunan 2013.

Karunaratne, SHPP., Hemingway, J. 2001. Malation resistance and prevalence of the malation carboxylesterase mechanism in populations of mosquito vectors of disease in Sri Lanka. *Bulletin of World Health Organization,* 79: 1061-1064.

Kawada, H., Sai, Z.M.O., Sein, T., Emiko, K., Yan, N.M.M., Hlaing, M.T., Kyaw, Z.T., Noboru, M. 2014. Co-occurrence of Point Mutations in the Voltage-Gated Sodium Channel of Pyrethroid-Resistant *Ae. aegypti* Populations in Myanmar. *Neglected Tropical Diseases. Vol : 8*

Kazanidou, A., D. Nikou., M. Gregoriou., J. Vontas., G.Skavdis., 2009.A multiplex PCR assay for simulaneous genoyping of kdr and ace-1 Loci in Anopheles gambiae. *American Journal Tropical Medicine Hygiene* 80 (2) : 236-238.

Kementerian Kesehatan Republik Indonesia., 2011. *Organisasi dan Tata Kerja Kantor Kesehatan Pelabuhan*. Peraturan Menteri Kesehatan Republik Indonesia Nomor : 2348/Menkes/Per/XI/2011

Kristina., Ismaniah., Leny., 2004. *Demam Berdarah Dengue*. Badan Penelitian Dan Pengembangan Kesehatan. Depkes RI.

Lee. H.L. *Preliminari Studies On The Suscepbility Of Field Collected Ae. aegypti To Malation On Kuala Lumpur*.

Lee, H.L., 1990. A Rapid and Simple Biochemical Method For The Detection of insecticide Resistance Due to Elevate esterase Activity in Culex quinquefasciatus *Tropical Biomedicine*., 7 : 21-26.

Lidia, K., dan Levina, E, 2008. Deteksi Dini Resistensi Nyamuk Aedes Albopictus terhadap Insektisida Organofosfat di Daerah Endemis Demam Berdarah Dengue di Palu (Sulawesi Tengah). *MKM* 03:2 2008

Lima, J.B.P., Da-Cunha, M.P., Da Silva Júnior, R.C., Galardo, A.K.R., Da Silva, S.S., Braga, I.A., Ramos,R.P.,&Valle, D., 2003. Resistance of Ae. aegyptito organophosphates in several Municipalities in the State of Rio de Janeiro and Espírito Santo, Brazil.*The American Society of Trop. Med. Hyg*.68(3):329- 333

Mardihusodo, S.J., 1995. Microplate Assay Analysis of Potential for Organophosphate Insecticide Resistance in Ae. aegypti in Yogyakarta Municipality, Indonesia. *Jurnal Berkala Ilmu Kedokteran*. UGM Yogyakarta. 27(2):71-79.

Mulyaningsih, B. 2003. Penentuan Satatus Larva Aedes albopictus Akuse dan beberapa populasi di Daerah Istimewa Yogyakarta terhadap Insektisida Organofosfat Dengan Cara Mengukur Aktivitas Esterase Non spesifik. Hasil Penelitian. *FK. UGM Yogyakarta*.

Mulyaningsih, B. 2004. Keanekaragaman Gentik Vektor Dengue Aedes Albopictus Skuse (Diptera : Culicidae dan Responya Terhadap Malation dan Temefos. Kajian beberapa populasi di Indonesia. *FK. UGM Yogyakarta*

Mulyani, A. 2014. Studi Kerentanan Nyamuk *Ae. aegypti* di Lingkungan Sekolah Dasar di Kota Yogyakarta Terhadap Insektsida Sipermetrin. *Tesis*

Nollet, L. M., dan Rathore, H. (2010). Handbook of pesticides : methods of pesticide residues analysis.*Boca Raton: CRC Press*, pp 9-31

Nusa, R., Ipa, M., Delia, T., Marlia, S. 2008. Penentuan Status Resistensi *Ae. aegypti*dari Endemis DBD Di Kota Depok Terhadap Malation. *Buletin Penelitian Kesehatan*.Loka Litbang P2B2 Ciamis. Depkes R.I. 36(1):20-25.

O'Reilly, A.O., B.P.S. Khambay, M.S. Williamson, L.M. Field, B.A. Wallace dan T.G.E.Davies. 2006. Modelling Insecticide Binding Sites in The Voltage-Gated SodiumChannel. *Biochem. J*. 396: 255–263.

Peiris, N.T.R. dan Hemingway,J. 1990. Mechanism of insecticide resistance in temephos *Culex quinquefasciatus* (Diptera; Culicidae) strain from Sri Lanka. *Bulletin of Entomological Research*. 80;453-457. 1 99

Peiris, H.T. R., Hemingway, J. 1993. Characterisation and inheritance of elevated esterase in Organophosphorus and Carbamate Insecticide Resistant Culex quinquefasciatus (Diptera : Culicidae) From Sri Langka. *Bull Entomol Res* Vol.83. PP 127-132.

Poison K.A., Curtis C. Seng CM. Olson JG. Chantha N dan Rawlins SC. 2001 Susceptibility of Two Cambodian Populations of Ae. aegypti Mosquito Larvae to Temefos During**.** *Dengue Bulletin*. 2001; 25; p. 79-83.

Ponce, G., Flores, A.E., Badii, M.H., Rodriguez-Tovar, M.L., Fernandez-Salas, I. Laboratoryevaluation of Vectobac (R) as against *Aedesaegypti* in Monterrey, Nuevo Leon, Mexico.*Journal of the American Mosquito ControlAssociation*. 2002; 18: 341-343.

Rabb, R.L,. 1972. Principles and concepts of pest management. In implementing practical pest management strategies Proceedings of a national extension pest management workshop, *Purdue University, Lafayette, Indiana* : 6-29.

Raymond, M., Berticat, C., Weill, M., Pasteur, N., dan Chevillon, C., 2001. Insecticide Resistance in the Mosquito *Culex pipiens* : What We Learned About Adaptation. *Genetica*. 112-113: 287-296.

Rozendal J.A., *Vector Contro. Method for Use by Individual and Communities.* Geneva:*World Health Organization*.1997.p 7-177

Saelim, V., Drogdonz, G. W., Rojanapremsuk, J., Suvannadabba, S., Pandii, W., Jones, W. J., Sithiprasasna, R. 2005. Bottle and Biochemical Assay on Temefos Resistence in Ae. aegypti in Thailand. *Southeast Asian Journal Tropical Medicine Public Health*, Vol.36 No.2 PP 417-425.

Saragih, E.T. 2008. Satatus Kerenatanan Nyamuk Ae. aegypti (Diptera : Culicidae) dari beberapa Kelaurahan di Kota Kupang Propinsi Nusa Tenggara Timur Terhadap Insektisida Organofosfat. Naskah Publikasi *Tesis. Yogyakarta : Universitas Gajah Mada*.

Shinta., Supratman.S., dan Asri.F. 2008 Kerentanan Nyamuk Ae. aegypti di Daerah Khusus Ibu Kota Jakarta dan Bogor Terhadap Insektisida Malation dan Lambdacyhalotrin. *Jurnal Ekologi Kesehatan* Vol 7.

Sigit, S.H., 2006. Masalah Hama Permukiman dan Falsafah Dasar Pengendaliannya Dalam : Sigit, S.H. dan Upik K. Hadi, . Hama Permukiman Indonesia; Pengenalan, Biologi dan Pengendalian. *Unit Kajian Pengendalian Hama Permukiman-Bogor*.Hal 1- 13

Sivanathan,M.M. A/P., 2006.The Ecology and Biology of*Ae. aegypti(L.)* And *Ae.albopictus (Skuse)* (diptera: culicidae) And The Resistance Status of *Ae. albopictus* (Field Strain) Against Organophosphates in Penang, Malaysia. *Thesis* submitted in fulfillment of the requirementsFor The Degree ofMasters of Science.

Soderlund, D.M., dan D.C. Knipple. 2003. The Molecular Biology of Knockdown Resistance to Pyrethroid Insecticides. *Insect Biochemistry and Molecular Biology* 33:563-577

Soedarto., 1992. Entomologi Kedokteran. Cetakan I. *Penerbit Buku Kedokteran EGC*. Jakarta. p 101-102

Soegijanto, S., 2006. Demam Berdarah Dengue. Edisi 2. *Airlangga University Press*. Surabaya.

Srisawat, R., Komalamisra, N., Eshita, Y., Zheng, M., Ono, K. 2010. Point mutations in domain II of the voltage-gated sodium channel gene in deltamethrin-resistant *Ae. aegypti* (Diptera: Culicidae). *Appl Entomol Zool* 45: 275–282.

Stenhouse, A.S., Suriya, P., Jintana, Y., Nongkran, L., Anchalee, D., Wej, C., dan Pradya, S. 2013. Detection of the V1016G mutation in the voltage-gated

sodium Channel gene of *Ae. aegypti* (*Diptera: Culicidae*) by allele-specific PCR assay, and its distribution and effect on deltamethrin resistance in Thailand. *Pasarite and Vector*. 6:253

Stojanovich, C.J., & Scott, H.G. 1966. Illustrated Key To Mosquitoes Of Vietnam. *Departemen Of Health, Education and Welfare. Public Health Service. Atlanta, Georgia*. p 40

Sudarmo, S. 2007. Pestisida . *Kanisius*. Yogyakarta. Hal.6

Sugito, 1989. Aspek Entomologi Demam Berdarah Dengue. In: Haryanto, B., Harun, S.S., Wuryadi, S., Djaja, M.(ed). Berbagai Aspek Demam Berdarah Dengue dan Penanggulangannya, Depok.

Sukesi,W.T., Mulasari, A.S., 2007. Kerentanan Nyamuk Ae. aegypti terhadap senyawa Organofosfat Temefos dan Malation di Kelurahan Wirobrajan Kecamatan Wirobrajan Yogyakarta. *Narkash Publikasi Skripsi. Yogayakarta. Universitas Gajah Mada*

Sutaryo., 2004. *Dengue*. Penerbit Medika. Fakultas Kedokteran. Universitas Gadjah Mada Yogyakarta

Suroso, T., Imran, U.A. 2002. Epidemiologi dan Penanggulangan Penyakit Demam Berdarah (DBD) di Indonesia. *Naskah Lengkap Pelatihan Bagi Pelatih Dokter Spesialis Anak dan Dokter Spesialis Penyakit Dalam, Tatalaksanaa Kasus DBD. Fakultas Kedokteran Universitas Indonesia*.

Trisyono,Y.A. 2014. Insektisida Pengganggu Pertumbuhan dan Perkembangan Serangga. *Gajah Mada University Press*.

Triwibowo, Y., 2006.Teori dan Aplikasi Polymerase Chain Reaction, *C.V ANDI OFFSET*.2006. 226

Untung, K., *Manajemen Resistensi Pestisida Sebagai Penerapan Pengelolaan Hama Terpadu*. http://cdsindonesia.wordpress.com/2008/04/08

Untung, K., 2005. *Kemungkinan Ketahanan Ae. aegypti terhadap Pestisida di Indonesia*. Available from : URL: http://kasumbogo.staff.ugm.ac.id/ detailmessage.php?mesid=9.

WHO., 1996. *Report of the WHO informal consultation on the evaluation and testing insecticides*. WHOPES. Geneva.

WHO., 1996. *Evaluation and Testing of Insecticides, Geneva*.

WHO., 2005. *Guidelines for Laboratory and Field testing of Mosquito larvacides*

WHO., 2013. *Test procedures for insecticide resistance monitoring in malaria vector mosquitoes.*

Wibowo, M.H. 2011. Stataus Kerentanan Larva Nyamuk *Ae. aegypti* (Diptera : Culicidae) dari Kota Denpasar dan Salatiga Terhadap Larvisida Temefos. *Narkash Publikasi Skripsi. Yogayakarta. Universitas Gajah Mada*

Widiarti., 2000. *Status Kerentanan Anopheles aconitus Terhadap Insektisida Organophosfat (Fenitrothion) dan Karbamat (Bendiocarb) Di Kabupaten Jepara Dengan Uji Biokemis*.*Tesis*. Fakultas Kedokteran UGM. Yogyakarta.p 6-7

Widiarti., 2005. Uji Mikroplat aktivitas enzim esterase untuk mendeteksi resistensi Anopheles aconitus Terhadap Insektisida Malation. *Jurnal Kedokteran YARSI* 13(1):01-10.

Widiarti, Bambang, H,. Damar,T.B., Umi,W., Mujiono, Lasmiati dan Yuliadir. 2011. *Peta Resistensi Vektor Demam Berdarah Dengue Terhadap Insektsida Kelompok Organofosfat, Karbamat dan Pyrethroid di Propinsi Jawa Tengah dan Daerah Istimewa Yogyakarta*. Bul. Penelit. Kesehat, Vol. 39, No. 4, 20 1 1: 176 – 189

Widiarti., D, T., Boewono., T, A, Garjito., R Tunjungsari., P, Asih., dan D, Syafruddin., 2011. Identifikasi Mutasi Noktah pada "Gen Voltage Gated Sodium Channel Ae. aegypti terhadap Insektisida Pyretroid di Semarang Jawa Tenggah **.** *Buletin Penelitian Kesehatan*, Vol. 40, No. 1,: 31 – 38

Wirawan, I.A., 2006. Insektisida Permukiman, Hama Permukiman Indonesia. Pengenalan, Biologi dan Pengendalian.*Unit Kajian Pengendalian Hama Pemukiman. Fakultas Kedokteran Hewan. Institut Pertanian Bogor*.p 315-321

Wooden J, Kyes S, Sibley CH, 1993. PCR and strain identification in Plasmodium falciparum. *Parasitol Today* 9:303-305

Yanola J, P Somboon, C Walton, W Nachaiwieng, L. Prapanthadara. 2010. A Novel F1552/C1552 Point Mutation in The Ae. aegypti Voltage-Gated sodium Channel Gene Associated with Permethrin Resistance. *Pesticide Biochemistry and Physiology* ; 96:127-131.

Yap, H,H., Chong, N,L., Lee,C,Y., 1997. Biology and Control of Urban Pest. *CVRU Science Series* No 6, Malaysia.

Yasutomi. K. 1976. Role of Detoxication Esterase in Insecticide Resistences in G.P Georghiou dan T. Saiti (ed) : Pest Resistenace to Pesticide. *Plenum Press*. New York

Zulhasril, Suri D.L., 2010. Resistensi Larva Ae. aegypti terhadap Insektisida Organofosfat di Tanjung Priok dan Mampang Prapatan, Jakarta. *Majalah Kedokteran FK UKI* Vol XXVII No.3, Jakarta.