



## DAFTAR PUSTAKA

- Achmadi, U.F. 2008. *Manajemen Penyakit Berbasis Wilayah*, Universitas Indonesia (UI-PRESS), Jakarta. Hal. 303-305.
- Alfiah, S., Damar, T.B., Mujiyono., dan Farida, D.H. 2008. Pemilihan Hospes *Anopheles* sp di Kabupaten Magelang, Jawa Tengah. *Media Litbang. Kesehatan*. Volume XVIII (4):185-192.
- Anagonou, R., Agossa, F., Azondékon, R., Agbogan, M., Oké-Agbo, F., Gnanguenon, V., Badirou, K., Agbanrin-Youssouf, R., Attolou, R., Padonou, G.G., Sovi, A., Ossè, R., and Akogbéto, M. 2015. Application of Polovodova's Method for The Determination of Physiological Age and Relationship between The Level of Parity and Infectivity of *Plasmodium falciparum* in *Anopheles gambiae* s.s, South-Eastern Benin. *Parasites & Vectors*. 8:117.
- Anonymous. 2003. *Modul Entomologi Malaria*. Departemen Kesehatan R.I. Direktorat Jenderal Pengendalian Penyakit dan Penyehatan Lingkungan (Dit.Jen. PP & PL). Jakarta. Hal. 52.
- Anonymous. 2007. *Pedoman Vektor Malaria di Indonesia*. Departemen Kesehatan R.I. Direktorat Jenderal Pengendalian Penyakit dan Penyehatan Lingkungan (Dit.Jen. PP & PL). Jakarta. Hal. 1-16.
- Anonymous. 2008a. Vector Competence. (<http://www.impact-malaria.com>). Diakses tanggal 28 Januari 2012.
- Anonymous. 2008b. *Pedoman Penatalaksanaan Kasus Malaria di Indonesia*. Direktorat Jenderal Pengendalian Penyakit dan Penyehatan Lingkungan (Dit.Jen. PP & PL). Departemen Kesehatan R.I. Jakarta. Hal. 3.
- Anonymous. 2009. *Keputusan Menteri Kesehatan R.I. Nomor 293/Menkes/SK/IV/2009 tentang Eliminasi Malaria di Indonesia*. Diakses tanggal 22 Maret 2015. Hal. 1-28.
- Anonymous, 2011a. *World Malaria Report 2011*. WHO Global Malaria Programme. ([http://www.who.int/malaria/publications/world\\_malaria\\_report\\_2013/en/](http://www.who.int/malaria/publications/world_malaria_report_2013/en/)). Diakses tanggal 22 Desember 2011. p. 10.
- Anonymous. 2011b. *Buku Saku Menuju Eliminasi Malaria*. Direktorat PPBB. Ditjen. PP dan PL. Kementerian Kesehatan RI. Jakarta. Hal. 19.



Anonymous. 2011c. *Profil Kesehatan Kabupaten Kulon Progo Tahun 2011.* Dinkes. Kab. Kulon Progo. Wates.

Anonymous. 2011d. Malaria Life Cycle of *Plasmodium* spp.  
[http://www.merckmanuals.com/professional/infectious\\_diseases/extraintestinal\\_protozoa/malaria.html](http://www.merckmanuals.com/professional/infectious_diseases/extraintestinal_protozoa/malaria.html)). Diakses tanggal 18 Desember 2011.

Anonymous. 2012a. *Profil Kesehatan Kabupaten Kulon Progo Tahun 2012.* Dinkes. Kab. Kulon Progo. Wates.

Anonymous. 2012b. *Kecamatan Kokap dalam Angka 2012.* Badan Pusat Statistik Kabupaten Kulon Progo. Wates.

Anonymous. 2012. Laporan Kasus Malaria 2012. Puskesmas Kokap-2. Kecamatan Kokap. (*Unpublished*).

Anonymous. 2013a. *World Malaria Report 2013.* WHO Global Malaria Programme. 1 p.  
([http://www.who.int/malaria/publications/world\\_malaria\\_report\\_2013/en/](http://www.who.int/malaria/publications/world_malaria_report_2013/en/)). Diakses tanggal 23 Oktober 2014.

Anonymous. 2013b. *Profil Kesehatan Kabupaten Kulon Progo Tahun 2013.* Dinkes. Kab.Kulon Progo. Wates.

Anonymous. 2013c. *Profil Kecamatan Kokap Tahun 2013.* Kecamatan Kokap. Kabupaten Kulon Progo.

Anonymous. 2013c. Laporan Kasus Malaria 2013. Puskesmas Kokap-2. Kecamatan Kokap. (*Unpublished*)

Anonymous. 2014. *Profil Kesehatan Indonesia Tahun 2013.* Kementerian Kesehatan Republik Indonesia. Jakarta. Hal. 360.

Bangs, M.J., and Rusmiarto, S. 2007. Malaria Vector Incrimination in Indonesia Using CSP-ELISA from 1986 to 2007.U.S. Naval Medical Research Unit 2 (NAMRU-2). Jakarta. Unpublished report.

Barodji dan Suwasono, H. 2001. Keberadaan Ternak (Sapi dan Kerbau) di Daerah Pedesaan dan Pengaruhnya Terhadap Vektor Malaria. *Pertemuan Sosialisasi Penanggulangan Malaria di Kabupaten Kulon Progo.* Wates. 22 Nopember. Hal. 1-11.

Barodji, Boewono, D.T., Boesri, H., Sudini, dan Sumardi. 2003. Binomik Vektor dan Situasi Malaria di Kecamatan Kokap, Kabupaten Kulon Progo, Yogyakarta. *Jurnal Ekologi Kesehatan.* 2 (2): 209-216.



Barodji, Boewono, D.T., dan Sumardi. 2007. Fauna Nyamuk, Konfirmasi Vektor dan Beberapa Aspek Bionomik Vektor Malaria di Daerah Endemis Malaria Kabupaten Pekalongan. *J. Ekol. Kes.* 6, 548–558.

Bashar, K., Tuno, N., Ahmed, T.U., and Howlader, A.J. 2012. Blood-Feeding Patterns of *Anopheles* Mosquitoes in a Malaria-Endemic Area of Bangladesh. *Parasites & Vectors*. 5:39.

Bass, C., Nikou, D., Blagborough, A.M., Vontas, J., Sinden, R.E., Williamson, M.S., and Field, L.M. 2008. PCR-Based Detection of *Plasmodium* in *Anopheles* Mosquitoes: A Comparison of a New High-Throughput Assay with Existing Methods. *Malar. J.* 7:177.

Basseri, H.R., Doosti, S., Akbarzadeh, K., Nateghpour, M., Whitten, M.M.A., and Ladoni, H. 2008. Competency of *Anopheles stephensi* mysorensis Strain for *Plasmodium vivax* and The Role of Inhibitory Carbohydrates to Block its Sporogonic Cycle. *Malar. J.* 7:1-8.

Beerntsen, B.T., James, A.A., and Christensen, B.M. 2000. Genetics of Mosquito Vector Competence. *Microbiology and Molecular Biology Reviews*. pp. 115-137.

Besansky, N.J. 2008. Genome Analysis Of Vectorial Capacity In Major *Anopheles* Vectors Of Malaria Parasites.

[http://www.genome.gov/Pages/Research/Sequencing/SeqProposals/Anophel esGenomesProposal\\_Aug3.pdf](http://www.genome.gov/Pages/Research/Sequencing/SeqProposals/Anophel esGenomesProposal_Aug3.pdf)). Diakses tanggal 24 April 2012.

Boewono, D.T. 2012. Indikator Entomologi sebagai Variabel Epidemiologi dan Penentuan Strategi Pengendalian Vektor. *Orasi Pengukuhan Profesor Riset Bidang Biologi Lingkungan*. Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan R.I. Jakarta. Hal. 11.

Boissiere, A., Tchioffo, M.T., Bachar, D., Abate, L., Marie1, A., Nsango, S.E., Shahbazkia, H.R., Awono-Ambene, P.H., Levashina, E.A., Christen, R., and Morlais, I. 2012. Midgut Microbiota of The Malaria Mosquito Vector *Anopheles gambiae* and Interactions with *Plasmodium falciparum* Infection. *Plos Pathogens*. 8 (5): 1-12.

Bruce-Chwatt, L.J. 1986. *Essential Malariaology*. Second Edition. William Heinemann Medical Books Ltd. London. p. 167.

Chadorie, D. 2011. Provinsi Daerah Istimewa Yogyakarta Menyongsong Eliminasi Malaria. Dinas Kesehatan Provinsi Daerah Istimewa Yogyakarta.



Chin, J. 2000. *Manual Pemberantasan Penyakit Menular*. Kandun IN, penerjemah dan editor. Jakarta. Terjemahan dari: *Control of Communicable Diseases Manual*. Hal. 324-337.

Clement, A.N. 1963. *The Physiology of Mosquitoes*. A Pergamon Press Book. The Macmillan Company. New York. pp. 151-160.

Doda, J. 1980. *Studi Kelimpahan dan Keragaman Jenis Serangga di Daerah Pertanian Desa Transmigrasi Mopuya Kabupaten Bolaang Mongondow, Sulawesi Utara* [Tesis]. Program Pascasarjana, IPB. Bogor.

Effendi, A., Hadi, U.K., Sigit, S.H., dan Koesharto, F.X. 2003. Studi Komunitas Vektor Malaria (Culicidae: Anophelinae) di Desa Endemik Hargotirto, Kulon Progo, Daerah Istimewa Yogyakarta. *Seminar Nasional X PERSADA*. IPB. Bogor. Hal. 217-221.

Elyazar, I.R.F., Sinka, M.E., Gething, P.W., Tarmidzi, S.N., Surya, A., Kusriastuti, R., Winarno, Baird, J.K., Hay, S.I., and Bangs, M.J. 2013. The Distribution and Bionomics of *Anopheles* Malaria Vector Mosquitoes in Indonesia. *Advances in Parasitology*. 83:173-266.

Ganz, H.H and Ebert, D. 2010. Benefits of Host Genetic Diversity for Resistance to Infection Depend on Parasite Diversity. *Ecology*. 91(5): 1263–1268.

Gesriantuti, N., Situmorang, J., dan Sujadi, F.A. 2002. Analisis Polimorfisme Genetik *Anopheles aconitus* Donitz (Diptera: Culicidae) dari Daerah Istimewa Yogyakarta dan Jawa Tengah dengan *Random Amplified Polymorphic DNA (RAPD)*-PCR. *Teknosains*. 15 (1):1-13.

Gordh, G. 2001. *A Dictionary of Entomology*. CABI Publishing, New York. p. 967.

Harwood, R.F., and James, M.T. 1979. Entomology in Human and Animal Health (Seventh Edition). Macmillan Publishing Co. Inc. New York. Pp. 191-194.

Hasan, A.U., Suguri, S., Sattabongkot, J., Fujimoto, C., Amakawa, M., Harada, M., and Ohmae, H. 2009. Implementation of a Novel PCR Based Method for Detecting Malaria Parasites from Naturally Infected Mosquitoes in Papua New Guinea. *Malar J*. 8:182.

Hasmiwati, Sujadi, F.A., dan Situmorang, J. 2006. Analisis Genetik *Anopheles balabacensis* Baisas (Diptera: Culicidae) dari Daerah Bangko (Jambi) dan Purworejo (Jawa Tengah) dengan *Random Amplified Polymorphic DNA (RAPD)* PCR. *Majalah Kedokteran Andalas*. 30 (2): 1-8.



Herdiana, Fuad, A., Asih, P.B.S., Zubaedah, S., Arisanti, R.R., Syafruddin, D., Kusnanto, H., Sumiwi, M.E., Yuniarti, T., Imran, A., Rahmadyani, Yani, M., Kusriastuti, R., Tarmizi, S.N., Laihad, F.J., and Hawley, W.A. 2013. Progress towards Malaria Elimination in Sabang Municipality, Aceh, Indonesia. (<http://www.malariajournal.com/content/12/1/42>). Diakses tanggal 30 Agustus 2015. Pp. 2-13.

Hollyman, S. 2009. 10 Facts on Malaria. <http://www.who.int/malaria/en/>. Diakses tanggal 11 Mei 2015.

Joshi, D., Choochote, W., Park, M.H., Kim, J.Y., Kim, T.S., Suwonkerd, W. and Min, G.S. 2009. The Susceptibility of *Anopheles lesteri* to Infection with Korean Strain of *Plasmodium vivax*. *Malar J.* 8:1-7.

Kirnowardoyo, S., Pitojo, P. D., Asfarain, A., Situmeang, R.K., Zubaedah, S., Riyanti, F., Paulus, S., dan Renny, M. *Vektor Malaria di Indonesia*. 2007. Depkes. RI. Direktorat Jenderal Pengendalian Penyakit dan Penyehatan Lingkungan (Ditjen. PP & PL). Jakarta.

Kuamsab, N., Putaporntip, C., Pattanawong, U., and Jongwutiwe, S. 2012. Simultaneous Detection of *Plasmodium vivax* and *Plasmodium falciparum* Gametocytes in Clinical Isolates by Multiplex-nested RT-PCR. *Malar J.* 11:190.

Kusriastuti, R. 2008. Kebijakan Eliminasi Malaria Di Indonesia. *Malaria Newsletter*. Depkes. R.I. Jakarta. Hal. 1-2.

\_\_\_\_\_. 2013. Upaya Eliminasi Malaria di Indonesia 2030. <http://www.kompas.com/>. Diakses tanggal 22 Maret 2015.

Lardeux, F., Loayza, P., Bouchité, B., and Chavez, T. 2007. Host Choice and Human Blood Index of *Anopheles pseudopunctipennis* in a Village of The Andean Valleys of Bolivia. *Malar J.* 6:8. 1-14.

Lefe`vre, T., Vantaux, A., Kounbopr, R., Dabire, Mouline, K., and Cohuet, A. 2013. Non-Genetic Determinants of Mosquito Competence for Malaria Parasites. *PLOS Pathogens*. 9 (6):1-10.

Lerma, J.M., Solarte, Y.A., Giraldo-Calderon, G.I., Quiñones, M.L., Quiñones, M.L., Ruiz-López, F., Wilkerson, R.C., and González, R. 2011. Malaria Vector Species in Colombia - A Review. *Mem Inst Oswaldo Cruz*, Rio de Janeiro, Vol 106 (Suppl. I): 223-238.

Lestaryono. 2011. Evaluasi Kesepakatan Pertemuan Malaria Tahun 2010. Dinas Kesehatan Kabupaten Kulon Progo. Wates.



Lowe, A., Harris, S., and Ashton, P. 2006. *Ecological Genetics: Design, Analysis, and Application*. Blackwell Science Ltd. pp. 52-100.

Macia, A. 1997. Age Structure of Adult Mosquito (Diptera: Culicidae) Populations from Buenos Aires Province, Argentina. *Mem Inst Oswaldo Cruz*. 92(2): 143-149.

Mala, A.O., Irungu, L.W., Mitaki, E.K., Shililu, J.I., Mbogo, C.M., Njagi, J.K., and Ghiture, J.I. 2014. Gonotrophic Cycle Duration, Fecundity and Parity of *Anopheles gambiae* Complex Mosquitoes during An Extended Period of Dry Weather in A Semi Arid Area in Baringo Country, Kenya. *International Journal Mosquito Research*. 1 (2): 28-34.

Mardihusodo, S.J. 1999. Malaria: Status Kini dan Pengendalian Nyamuk Vektornya untuk Abad XXI. *Pidato Pengukuhan Jabatan Guru Besar Pada Fakultas Kedokteran Universitas Gadjah Mada*. Hal. 1-24.

Mohanty, A., Kar, P., Mishra, K., Singh, D.V., Mohapatra, N., Kar, S.K., Dash, A.P. and Hazra, P.K. 2007. Multiplex PCR Assay for The Detection of *Anopheles fluviatilis* Species Complex, Human Host Preference, and *Plasmodium falciparum* Sporozoite Presence, Using Unique Mosquito Processing Method. *Am. J. Trop. Med. Hyg.* 76(5): 837–843.

Morel, C.M., Thang, N.D., Xa, N.X., Hung, L.X., Thuan, L.K., Ky, P.V., Erhart, A., Mills, A.J. and D'Alessandro, U. 2008. The Economic Burden of Malaria on The Household in South Central Vietnam. *Malar J.* 7:1-7.

Msugh-Ter, M.M., Gbilekaa, V.C., and Nyiutaha, I.G. 2014. Sporozoite Infection Rates of Female Anopheline Mosquitoes in Makurdi, an Endemic Area for Malaria in Central Nigeria. *Int. J. Entomol. Res.* 02 (02) 2014.103-11.

Murti, B. 2013. *Desain dan Ukuran Sampel untuk Penelitian Kuantitatif dan Kualitatif di Bidang Kesehatan*. Gadjah Mada University Press. Yogyakarta. Hal. 101-102.

Munif, A., Sudomo, M., Soelaksono, S., Maelita, R., dan Agus, D.P. 2004. Polimorfisme Genetik dari *Anopheles barbirostris* Kaitannya dengan Prevalensi Malaria di Kecamatan Cineam, Kabupaten Tasik Malaya. *Bul. Penel. Kesehatan*. 32 (1):1-16.

Murhandarwati, E.E., Fuad, A., Nugraheni, M.D.F., Suyanto, S., Wijayanti, M.A., Widartono, B.S., and Chuang, T.W. 2014. Early Malaria Resurgence in Pre-elimination Areas in Kokap Subdistrict, Kulon Progo, Indonesia. *Malaria Journal*.13:130.



Norris, D.E. 2006. Malaria Entomology. The Johns Hopkins University. p. 30.

O'Connor, C.T., and Soepanto, A. 1999. *Kunci Bergambar Nyamuk Anopheles Dewasa di Indonesia*. Departemen Kesehatan R.I. Direktorat Jenderal Pemberantasan Penyakit Menular dan Penyehatan Lingkungan Pemukiman. Jakarta. Hal. 5-40.

Okwa, O., Rasheed, A., Adeyemi, A., Omoyeni, M., Oni, L., Fayemi, A., and Ogunwomoju, A. 2007. Anopheles Species Abundances, Composition and Vectoral Competence in Six Areas of Lagos: Nigeria. *Journal of Cell and Animal Biology*. 1(2): pp. 019-023.

Okyere, K.A., Asante, F.A., Tarekegn, J..and Andam, K.S. 2011. A Review of The Economic Impact of Malaria in Agricultural Development. *Agricultural Economics*. 42: 293–304.

Pappa, V., Reddy, M., Overgaard, H.J., Abaga, S., and Caccone, A. 2011. Short Report: Estimation of the Human Blood Index in Malaria Mosquito Vectors in Equatorial Guinea after Indoor Antivector Interventions. *Am. J. Trop. Med. Hyg.*, 84 (2), pp. 298–301.

Patsoula, E., Spanakos, G., Sofianatou, D., and Parara, M. 2003. A Single-step, PCR-Based Method for The Detection and Differentiation of *Plasmodium vivax* and *P. falciparum*. *Annals of Tropical Medicine & Parasitology*. 97(1):15–21.

Permana, D.H. 2012. Variasi Sekuen *Anopheles balacensis* Baisas (Diptera: Culicidae) berdasarkan Segmen ITS2 DNA Ribosom dan Gen COI DNA Mitokondria di Purworejo. (<http://lib.ugm.ac.id/home.php>). Diakses 11 Januari 2013.

Reid, J.A. 1968. *Anopheline Mosquitoes of Malaya and Borneo*. Government of Malaysia. Kuala Lumpur. p. 453.

Ristiyanto, M. 2005. *Bionomi Vektor Malaria. Dalam Modul Entomologi Dasar*. Balai Penelitian Vektor dan Reservoir Penyakit. Salatiga. Hal. 31-44.

Santoso, N.B., Hadi, U.K., Sigit, S.H. dan Koesharto, F.X. 2004. Karakteristik Habitat Larva *Anopheles maculatus* dan *Anopheles balabacensis* di Daerah Endemik Malaria Kecamatan Kokap Kulon Progo Daerah Istimewa Yogyakarta. *Seminar Nasional Entomologi dalam Perubahan Lingkungan dan Sosial*. Perhimpunan Entomologi Indonesia. Hal. 197-108.

Schowalter, T.D. 2011. *Insect Ecology An Ecosystem Approach*. Third Edition. Academic Press of Elsevier. Pp. 129-139.



Service, M.W. and Townson, H. 2002. *The Anopheles Vektor*. In Warrel, D.A. and Gilles, H.M. *Essential Malariaiology*. Fourth Edition. Arnold. London. pp. 59-84.

Sigit, S.H. 2006. *Masalah Hama Pemukiman dan Falsafah Dasar Pengendaliannya*. Dalam Sigit, S.H. dan Hadi U.K. *Hama Permukiman Indonesia*. Unit Kajian Pengendalian Hama Permukiman (UKPHP) Fakultas Kedokteran Hewan Institut Pertanian Bogor. Bogor. Hal 1-13.

Sinden, R.E. and Gilles, H.M. 2002. *The Malaria Parasites*. pp. 8-34. In Warrel, D.A. and Gilles H.M. *Essential Malariaiology*: Fourth Edition. Oxford University Press Inc., New York, pp. 8-34.

Snow, R.W., and Gilles, H.M. 2002. *The epidemiology of malaria*. In Warrel, D.A., Gilles, H.M. (Fourth Edition), *Essential Malariaiology*. Oxford University Press Inc. pp. 85-106.

Sumantri, R.A., dan Iskandar, D.T. 2005. Kajian Keberagaman Genetik *Anopheles barbirostris* dan *A. vagus* di Dua Daerah Endemik Penyakit Malaria di Jawa Barat. *Jurnal Matematika dan Sains*. 10 (2): 37-44.

Sundaravadivelan, C., Chandrasekar, S., Sevarkodiyone, S.P., Kumar, P., Kuberan, T., Anburaj, J., and Vasanthakumar, D. 2011. Inter-Generic Bio-Variability and Relative Abundance of Adult Female Biting Mosquitoes in Wet and dry Land Areas of Selected Villages in a Semiarid Zone. *International Journal of Environmental Sciences*. 2 (1): 349-363.

Szumilas, M. 2010. Explaining Odds Ratios. *J Can Acad Child Adolesc Psychiatry*. 19(3): 227–229.

Takken, W. and Lindsay, S.W. 2003. Factors Affecting the Vectorial Competence of *Anopheles gambiae*: a Question of Scale. Diakses tanggal 20 Desember 2013. pp. 75-90.

Theodolfi, R. 2011. *Studi Kompetensi dan Kapasitas Vektorial Anopheles vagus dan Anopheles barbirostris sebagai Vektor Malaria di Kelurahan Oesa Kabupaten Kupang* [Tesis]. Program Pascasarjana Fakultas Kedokteran, UGM. Yogyakarta. Hal. 31-71.

Ubaidillah, R. dan Sutrisno, H. 2009. *Pengantar Biosistematis: Teori dan Praktek*. Museum Zoologicum Bogoriense, Pusat Penelitian Biologi Lembaga Ilmu Pengetahuan Indonesia. Bogor. Hal 145.

Widyastuti, U. 2001. Kompetensi Vektorial *An. aconitus* Donitz (Diptera: Culicidae) di Kecamatan Borobudur. Hal. 58-78.



Widyastuti, U., Boewono, D.T., Widiarti, Supargiyono, dan Satoto, T.B.T. 2013.

Kompetensi Vektorial *Anopheles maculatus*, Theobald di Kecamatan Kokap, Kabupaten Kulon Progo. Media Penelitian dan Pengembangan Kesehatan. 23 (2):47-56.

Wigati, R.A., Mardiana, Mujiyono, dan Alfiah, S. 2010. Deteksi Protein *Circum Sporozoite* pada Spesies Nyamuk *An. vagus* Tersangka Vektor Malaria di Kecamatan Kokap, Kabupaten Kulon Progo dengan Uji *Enzyme-Linked Immunosorbent Assay* (ELISA). *Media Litbang Kesehatan*. XX (3):118-123.

Wilson, D.B. 2011. Calculating Effect Sizes. Diakses tanggal 7 April 2015. Hal. 1-15.

Yuwono, T. 2005. *Biologi Molekular*. Hal. 39. Erlangga. Jakarta. Hal 96-102.

Zahar, A.R. 1983. *Vector Bionomics in The Epidemiology and Control of Malaria*. WHO. pp. 1-109.