

## DAFTAR PUSTAKA

- Achterberg, C. van & Long K.D. 2010. *Revision of the Agathidinae (Hymenoptera, Braconidae) of Vietnam, with the description of forty-two new species and three new genera.* Zookeys (54): 1–184
- Anonim. 1981. *International Rice Research Institute Newsletter* vol 6 no 1. International Rice Research Institure. Manila. Philipine
- Anonim. 2002. *Musuh Alami, hama, dan penyakit pada tanaman kopi.* Departemen Pertanian Republik Indonesia
- Anonim. 2011. *Statistik pertanian Kabupaten Temanggung 2011.* Dinas Pertanian, Perkebunan, dan Kehutanan Kab. Temanggung.
- Anonim.2016. *Data International Coffee Organization.* Diakses dari [www.ico.org](http://www.ico.org). pada 9 september 2016 pukul 19.00
- Aini, F.K., Susilo, F.X., Yanuwiyadi, B. and Hairiah, K. 2006. *Meningkatnya potensi sebaran hama rayap Odontotermes spp. setelah alih guna hutan menjadi agroforestri berbasis kopi: Efek perubahan iklim mikro dan ketersediaan makanan terhadap kerapatan populasi.* AGRIVITA 28(3): hal 33-37.
- Baranowski, R. M. 1986. *Coreidae of Florida (Hemiptera: Heteroptera).* Florida Department of Agriculture and Consumer Services
- Barrera, John F. 2008. *Coffee pest and their management (Encyclopedia of entomology coffee).* Springer science. Netherlands
- Beer J, Muschler R, Kass D, Somarriba E (1998). *Shade management in coffee and cacao plantations.* Agroforestry Systems, 38: 139-164.
- Belkin, John N. 1962. *The Mosquitoes of the South Pacific (Diptera, Culicidae).* University of California Press, Berkeley and Los Angeles.
- Bitton, G. 1998. *Handbook for Enviromental Engineer and Scientist.* John Wiley and Son. Canada
- Buck, M., Stephen A. Marshall, and David K.B. Cheung..2008. Identification Atlas of the Vespidae (Hymenoptera, Aculeata) of the northeastern Nearctic region. Canadian Journal of Arthropod Identification No.5
- Borror, D.J., Triplehorn, C.A., and Jhonson N.F. 1992. *Pengenalan Pelajaran Serangga..* Terjemahan S.Parto Soedjono dan M.D. Brotoeidjojo. Gaadjah Mada University Press. Yogyakarta.
- Burrows, Malcolm. 2006. *Jumping performance of froghopper insects.* The Journal of Experimental Biology.



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Cardenas, Ramiro Ruiz & Bakers, Peter. 2010. *Life table of Hypothenemus hampei (Ferrari) in relation to coffeeberry phenology under Colombian field conditions.* Sci Agric. Vol 67, n.6, p:658-668

Chown S.L., Sørensen J.G., & Terblanche J. S. 2011. Water loss in insects: An environmental change perspective. *Journal of Insect Physiology*; 57(8):1070-1084

Coste, R.;1992. *Coffee – The plant and the product.* MacMillanPress. London

Crawley, Michael J. 1989. *Insect Herbivores and Plant Population Dynamics.* Entomol vol 34: 531-64

Dariah, A., Agus, F., Arsyad, S., Sudarsono dan Maswar. 2004. *Erosi dan aliran permukaan pada lahan pertanian berbasis tanaman kopi di Sumberjaya, Lampung Barat.* Agrivita, 26: 52-59

Daniels, Greg. 2017. *Australian species of Ommatius Wiedemann (Diptera: Asilidae) with an anepimeral bristle.* Zootaxa 4231 (4):535-563

Dewi, W.S., Suprayogo, D., Yanuwiyadi, B. And Hairiah, K. 2005. *Dapatkan agroforestry mempertahankan biodiversitas cacing tanah.* Agrivita 28. 77-81

Diakonoff A. (1986) *Glyphipterygidae auctorum sensu lato: (Glyphityrgidae sensu Meyrick, 1913); Tortricidae: Hilarographini, Choreutidae, Brachodidae (partim), Immidae and Glyphipterygidae.* G. Braun, Druckerei und Verlage, Karlsruhe. Plates Volume (175 pls.) + 436 pp.

Denlinger ,David L & Lee Richard E. JR. 2010. Low temperature of insect ecology. Cambridge university press

Dietrich, C.H. 2005. *Keys to the families of Cicadomorpha and subfamilies and tribes of Cicadellidae (Hemiptera: Auchenorrhyncha).* Florida Entomologist 88, 502–517

Douwes, P., Abenius, J., Cederberg, B., Wahlstedt, U., Hall, K., Starkenberg, M., Reisborg, C. & Östman, T. (2012) *Nationalnyckeln till Sveriges flora och fauna. Steklar: Myrorgevingar. Hymenoptera: Formicidae-Vespidae.* ArtDatabanken, SLU, Uppsala, Sweden.

Eickwort, G. C. 1969. *A comparative morphological study and generic revision of the Augochlorine bees (Hymenoptera: Halictidae).* Un Kans Sci Bull 48: 325-52

Faminow, Merle D., Rodriguez, Eloise Ariza. 2001. Biodiversity of Flora and Fauna In Shaded Coffee Systems. Report prepared for the Commission for Environmental Cooperation

Farzana, Khan Perveen Haroon. 2016. *A contribution key for identification of butterflies (Lepidoptera) of Tehsil Tangi, Khyber Pakhtunkhwa, Pakistan.* Arthropods 5 (3)

Fernandes , Flavio L., Juno F. S. Diniz, Paulo R. Silva, & Eduardo Mosca. 2013. *Damage of Agrotis ipsilon (Lepidoptera: Noctuidae) on Coffea arabica in Brazil.* Revista Colombiana de Entomología 39 (1): 49-50



Flores, J. Refugio Lomeli. 2007. *Disertasi:Natural Enemies And Mortality Factors Of the Coffee Leafminer Leucoptera coffeella (Guerin-Meneville) (Lepidoptera: Lyonetiidae) In Chiapas, Mexico.* Texas A&M University

Footit, Robert G. & Adler, Peter H. 2009. *Insect biodiversity: Science and Society*. Blackwell Publishing Ltd

Fredrick, J. M. 1943. *Some Preliminary Investigations of the Green Scale, Coccus viridis (Green), in South Florida.* Florida Ent. 26(1): 12-15; 26(2): 25-29.

Friday, Laurie E. 1988. *A Key to Adults British Water Beetles.* Field Studies 7

Gibbons, Bob. 2011. *Field guide to insects of Britain and northern Europe.* The crowood press ltd, ramsbury, malborough, Wiltshire

Gillot, C. 1995. *Butterflies and moths.* Entomology (2 ed.). pp. 246–266

Goncalves, R.B. 2010. *Notes on the Identity of Halictus glabrescens Cockerell and Description of a New Species of Halictillus Moure (Hymenoptera, Apidae s.l., Halictinae).* Neotropical Entomology 39(5):752-75

Gonçalves, R .B. 2010. *Phylogeny and revision of the Neotropical bee genus Rheetomias.l. Moure (Hymenoptera, Apidae, Augochlorini).* Syst Entomol 35: 90-117

Goul, Marta & Mata, Luis. 2015. *Orden Hemiptera: Suborden Heteroptera.* Ibero Diversidad Entomologica 53 : 1-30

Haneda, N.F. dan Prat, A.W. 1999. *Studi Mekanisme Toleransi Leda (Eucalyptus deglupta ) Terhadap Hama Pengerek Batang (Zeuzera coffeae) untuk Menunjang Pemuliaan Jenis.* Diakses dari <http://repository.its.ac.id/> pada tanggal 21 September 2016 Pukul 22.00 wib.

Hairiah, K., Suprayogo, D., Widianto, Berlian, Suhara, E., Mardiastuning, A., Widodo, R.H., Prayogo, C dan Rahayu, S. 2004.. *Alih guna lahan menjadi hutan menjadi lahan agroforestri berbasis kopi: ketebalan seresah, populasi cacing tanah dan makroporositas tanah.* Agrivita, 26: 68-80

Heinrich, B., 1981. *Ecological and evolutionary perspectives.* In: Heinrich, B. (Ed.), *Insect Thermoregulation.* Wiley, New York, pp. 236 – 302

Heyne, K. 1987. *Tumbuhan Berguna Indonesia Jilid 3.* Terjmanah Badan Litbang Kehutanan Jakarta.. Yayasan Sarana Wana Jaya. Jakarta

Hoell, H.V., Doyen, J.T. & Purcell, A.H. 1998. *Introduction to Insect Biology and Diversity, 2nd ed.* Oxford University Press. pp. 570–579

Huddleston, T. & Gauld, I. 1988. *Parasitic wasps (Ichneumonoidea) in Britishlight-traps.* Entomologist 107: 134-154

Huong, N. and Michael Ward. 2015. *Vietnam Coffee Annual May 2015.* USDA Foreign Agricultural Service.



Inoka, W.A., P. Karunaratne and Jayanthi P. Edirisinghe. 2008. *Keys for the identification of common bees of Sri Lanka*. Journal.Nat.Sci.Foundation Sri Lanka 36 (1): 69-89

Jansen, M. Andrew & Halbert, Susan E. 2016. *Key to Florida Alydidae (Hemiptera: Heteroptera)and selected exotic pest species*. Insecta Mundi 0476: 1-14

Jolivet, Pierre & Verma, Krishna K. 2002. Biology of Leaf Beetles. Andover: Intercept. pp. 5–9.

Kalshoven, L.G.E. 1981. *Pest of Crop In Indonesia*. PT. Ichtiar Baru Van Hoeve. Jakarta.

Kaydan M.B., and Gullan, P.J.. 2012. *A taxonomic revision of the mealybug genus Ferrisia Fullaway (Hemiptera: Pseudococcidae), with descriptions of eight new species and a new genus*. Zootaxa, 3543:1-65.

Krebs, C.J. 1985. *Ecology. The Experimental Analisys of Distributionand Abudance*. Third Edition. Harper & Raws Publishers. New York

LaPolla, J. S., S. G. Brady, and S. O. Shattuck. 2010. *Phylogeny and taxonomy of the Prenolepis genus-group of ants (Hymenoptera: Formicidae)*. Systematic Entomology. 35:118-1

Lawrence, John F.; Ślipiński, Adam. 2013. *Australian Beetles. Morphology, Classification and Keys*. CSIRO. pp. 1–16.

Layberry, Ros A. , Peter W. Hall, and J. Donald Lafontaine. 1998. *The Butterflies of Canada*. University of Toronto Press

Le Quesne, Walter J. 1965. *Handbooks for the identification of British Insects. Vol. II. part 2 (a). Hemiptera. Cicadomorpha (excluding Deltcephalinae and Typhlocybinae)*. London: Royal Entomological Society of London

Le pelley, RH. 1968. *Pest of coffee*. Longmans. Greens & co. London

Long, N. V. , Nguyen Quang Ngoc, Nguyen Ngoc Dung, Paul Kristiansen, Isa Yunusa, Chris Fyfe. 2015. *The Effects of Shade Tree Types on Light Variation and Robusta Coffee Production in Vietnam*. Engineering vol. 7, 742-753

Lopez-Gomez, Ana M., Guadalupe Williams-Linera, & Robert H. Manson. 2008. *Tree species diversity and vegetation structure in shade coffee farms in Veracruz, Mexico*. Agriculturre, Ecosystem and Environment 124: 160-172

Magurran, A.E. 2004. *Meausuring Biological Diversity*. Blackwell

Markow, Therese A. & O'Grady, Patrick. 2005. *Drosophila: A Guide to Species Identification and Us*. Academic press

Metcalf R.L., Metcalf E. R. 1992. *Plant kairomones in insect ecology and control*.Chapman and Hall. New York. 168 p.

Mey, W, 2011: *New and little known species of Lepidoptera of southwestern Africa*. Esperiana Buchreihe zur Entomologie Memoir 6: 146-261



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Michener, C. D. 1974. *The Social Behavior of the Bees*. Harvard Univ Press

Morris, Jonathan R., Esteli Jimenez-Soto, Stacy M. Philpott, & Ivette Perfecto. 2018. *Ant-mediated (Hymenoptera: Formicidae) biological control of the coffee berry borer: Diversity, ecological complexity, and conservation biocontrol*. Myrmecological news vol. 26

Oliviera, C.M., A.M. Auad, S.M. Mendes, M.R. Frizzas. 2014. *Crop Losses and the Economic Impact of Insect Pests on Brazilian Agriculture*. Crop protection 56 (2014) 50-54

Pacheco, Jose A. & Mackay, William P. 2013. *The Systematics and Biology of the New World Tidef Ants of the Genus Solenopsis (Hymenoptera: Formicidae)*. The Edwin mellen press.

Pesenko, Yu. A., J. Banaszak, V. G. Radchenko & T. Cierzniak. 2000. *Bees of the family Halictidae (excluding Sphecodes) of Poland: taxonomy, ecology, bionomics*. Wydawnictwo Uczelniane Wydziału Pedagogicznego w Bydgoszczy

Raga, A., D.A. De Olivera Prestes, M.F. Souza Filho, M.E. Sato, R.C. Siloto. & R. A. Zucchi. 2002. *Occurance of Fruit Flies in Coffee Varieties in the State of Sao Paulo, Brazil*. Bol San Veg Plagas, 28: 519-524.

Rahardjo. 2012. *Panduan Budidaya dan Pengolahan Kopi Arabika dan Robusta*. Penebar Swadaya. Jakarta

Ramadani, Rosi fitri. 2016. *Thesis: Keanekaragaman Polen dari Beberapa Spesies Stingless Bee Pada Perkebunan Kelapa Sawit dan Karet*. Sekolah Pascasarjana Institut Pertanian Bogor.

Ramiro, D.A., Guerreiro-Filho, O., Queiroz-Volta, R.B. & Matthiesen, S.C. 2004. Caracterizacao anatomica de folhas de cafeeiros resistentes e suscetiveis ao bicho-mineiro. Bragantia63, 363-372

Ratmawati, I. 2002. *Penggerek Batang Merah (Zeuzera coffeae) pada Tanaman Kopi. Balai Besar Perbenihan dan Proteksi Tanaman Perkebunan Surabaya*. Diakses dari <http://repository.its.ac.id/> pada tanggal 15 september 2016 pukul 19.00

Resh, Vincent H.; Cardé, Ring T. 2009. Encyclopedia of Insects. Academic Press. pp. 284–297

Rota, Jadranka & Miller, Scott E. 2013. *A new genus of metalmark moths (Lepidoptera, Choreutidae) with Afrotropical and Australasian distribution*. Zookeys (355):29-47

Roomi, M.W., T. Abbas., A.H. Shah., S. Robina, A. Qureshi, Shain S.S., & K.A. Nasir. 1993. *Control of fruitflies (Dacus sp.) by attractants of plant origin*. Anzeiger für Schadlingskunde, Pflanzenschutz, Umweltschutz, 66: 155-157.

Sadee, C., Maciej Pietrzak, Michal Sewerynand Grzegorz Rempala. 2017. *Diversity and Overlap Analysis Package User's Guide*. Divo Package Information



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Schmidt, C.A. & Shattuck, S.O. 2014. *The higher classification of the ant subfamily Ponerinae (Hymenoptera: Formicidae), with a review of ponerine ecology and behavior.* Zootaxa. 3817, 1–242

Schroth, G., Krauss, U., Gasparotto, L., Duarte, J.A. 2000. *Pest and Diseases in Agroforestry Systems of the Humid Tropics.* Agroforestry systems 50: 199-241.

Schuh R .T. & Slater, J. A. 1995. *True Bugs of the World (Hemiptera: Heteroptera).* Classification and Natural History. Cornell University Press

Service, Mike. 2012. *Medical Entomology for Students (5th ed.).* Cambridge University Press.

Sharaf, Mustafa R., Cedric A. Collingwood, Abdulrahman S. Aldawood. 2011. *Technomyrmex montaseri sp. n., a new ant species of the T. gibbosus-group from Oman (Hymenoptera, Formicidae) with a key to the Technomyrmex species of the Arabian Peninsula.* Zookeys 108 (11-19)

Shattuck, S.O. 1999. *Australian ants: their biology and identification.* CSIRO publishing.

Shaw, M. R., & Huddleston T. 1991. *Classification and Biology of Braconid Wasp (Hymenoptera: Braconidae).* Royal Entomological Society of London

Sobari, I., Sakiroh, Eko Hari Purwanto. 2012. *Pengaruh Jenis Tanaman Penaung Terhadap Pertumbuhan dan Persentase Tanaman Berbuah pada Kopi Arabika Varietas Kartika 1.* Buletin Ristri 3 (3) 217-222 November 2012

Steenis, C.G.G.J. Van. 1975. *Flora Untuk Sekolah Indonesia.* PT.Pradnya Pramita. Jakarta Pusat 400-401

Stiller, Michae.l 2009. *Biosystematics: Leafhoppers associated with grasslands of South Africa – Grassland Biome endemics .* Plant Protection News. Plant Protection Research Institute. 82: 6

Susilo, F.X. 2005. *Dampak Alih Guna Lahan Hutan Menjadi Agroforestri Berbasis Kopi Terhadap Biodiversitas Semut.* Agrivita (27) : 74-79

Suzanna Persson. 2015. *Phylogeny and taxonomy of the subfamily Vespineae (Hymenoptera: Vespidae), based on five molecular markers.* Degree project for Master of Science Biodiversity and Systematics. Department of Biological and Environmental Sciences. University of Gothenburg

Vaidya, Chatura, Magdalena Cruz,Ryan Kuesel, David J. Gonthier, Aaron Iverson, Katherine K. Ennis, and Ivette Perfecto. 2017. *Local and Landscape Constraints on Coffee Leafhopper (Hemiptera: Cicadellidae) Diversity.* Journal Insect Science Mar; 17 (2): 38

Van Noordwijk, M., Rahayu, S., Hairiah, K., Wulan, Y.C., Farida, A. And Verbist, B.2002. *Carbon Stock Assessment for a Forest-to-Coffee Conversion Landscape in Sumberjaya (Lampung, Indonesia): From Allometric Equations to Land Use Change Analysis.* Science in China, 45: 75-86



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Van Noordwijk, M., Agus, F., Suprayogo, D., Hairiah, K., Pasya, G. And Farida. 2004. *Peranan Agroforestri Dalam Mempertahankan Fungsi Hidrolosis Daerah Aliran Sungai (DAS)*. Agrivita, 26: 1-8

Wheeler, M.R. 1987. *Drosophilidae*. In McAlpine, J.F. (Ed.), Manual of Nearctic Diptera Vol. 2. (pp. 1011-1018). Hull, Que: Minister of Supply and Services Canada

White, Ian M. 1988. *Tephritid flies Diptera: Tephritidae*. Royal entomology society of London. London

Widianto, Suprayogo, D., Noveras, H., Widodo, R.H., Purnomasidhi, P dan Van Noordwijk,M. 2004. *Alih Guna Lahan Hutan Menjadi Lahan Pertanian: Apakah Fungsi Hidrologis Hutan Dapat Digantikan Sistemkopi Monokultur?* Agrivita, 26: 47-51

Wood, Grace C. 1981. Asilidae. Ottawa: Biosystematics Research Institute. pp. 549–73.

Ul Haq, Ihsan, Mark Schutze, Jorge Hebdrichs, & Todd Shelly. 2015. *Effects of Methyl Eugenol Feeding on Mating Compatibility of Asian Population of Bactrocera dorsalis (Diptera: Tephritidae) with African Population and With B. carambolae*. J.Econ. Entomol. 1–7

Yang, Louie H. & Gratton, Claudio. 2014. *Insects as drivers of ecosystem processes*. Current opinion on insect science 2:26-32

Yoshizawa K, Saigusa T. 2001. *Phylogenetic analysis of paraneopteran orders (Insecta: Neoptera) based on forewing base structure, with comments on monophyly of Auchenorrhyncha (Hemiptera)*. Systematic Entomology 26, 1–13

Zhu, Jiao; Ban, Liping; Song, Li-Mei; Liu, Yang; Pelosi, Paolo; Wang, Guirong 2016. *General odorant-binding proteins and sex pheromone guide larvae of Plutella xylostella to better food*. Insect Biochemistry and Molecular Biology