DAFTAR PUSTAKA

Abd El- Kareim, A.I., M.E. El-Nagar, & A.E. Marouf. 2011. Attractiveness and Effects of Insectary Plant Flowers on Certain Aphidophagous Insects as Bio-Agents. *Journal Plant Protection and Pathology* 2: 609-622.

Abdilah N.A. 2015. *Keanekaragaman dan biologi reproduksi parasitoid telur wereng cokelat,* Nilaparvata lugens *Stal. (Hemiptera: Delphacidae).* Tesis. IPB. Bogor. 75p.

Altieri, M.A. 1999. The Ecological Role of Biodiversity in Agroecosystems. *Agriculture, Ecosystems and Environment* 74: 19–31.

Atmadja, W.R. & A. Kartohardjono. 1990. Parasitasi *A. nilaparvatae* dan *Gonatocerus* sp. terhadap Beberapa Jenis Serangga Inang (Wereng Coklat, Wereng Hijau, dan Wereng Punggung Putih) pada Pertanaman Padi. *Risalah Hasil Penelitian Tanaman Pangan*. Balai Penelitian Tanaman Pangan Bogor. p 427-431.

Baehaki SE. 2009. Strategi Pengendalian Hama Terpadu Tanaman Padi dalam Perspektif Praktek Pertanian yang Baik (*Good Agricultural Practices*). *Pengembangan Inovasi Pertanian* 2: 65-78.

Baggen, L.R. & G.M. Gurr. 1998. The Influence of Food on *Copidosoma Koehleri* and The Use of Flowering Plants as a Habitat Management Tool to Enhance Biological Control of Potato Moth *Phthorimaea operculella. Biological Control* 11: 9–17.

Berndt, L.A. & S.D. Wratten. 2005. Effects of Alyssum Flowers on the Longevity, Fecundity, and Sex Ratio of the Leafroller Parasitoid *Dolichogenidea tasmanica*. *Biological Control* 32: 65–69.

[CABI] Centre for Agriculture Bioscience International. 2006. Crop Protection Compendium. Wallingford, UK.

Catindig, J.L.A., G.S. Arida, S.E. Baehaki, J.S. Bentur, L.Q. Cuong, M. Norowi, W. Rattanakam, W. Sriratanasak, J. Xia, & Z. Lu. 2009. Situation of Planthopper in Asia, p.191-220. *In* K.L. Heong & B. Hardy (eds.), *Planthopper: New Threats to the Sustainability of Intensive Rice Production Systems in Asia*. International Rice Research Institute, Los Banos, Philippines.

Chelliah S. & E.A. Heinrichs. 1980. Factors Affecting Insecticide-Induced Resurgence of the Brown Planthopper, *Nilaparvata lugens* on Rice. *Journal Envinronmental Entomology* 9: 773-777.

Dietrick J. 1995. Diversity and Refugia Make Biological Pest Control. *The Insect Side*. Acres, USA. p 32–33.

Direktorat Perlindungan Tanaman Pangan. 2012. *Buku Data dan Informasi Perlindungan Tanaman Pangan Tahun 2012*. Direktorat Perlindungan Tanaman Pangan, Direktorat Jenderal Tanaman Pangan, Kementerian Pertanian. Jakarta. 125p.

Dupo A.L.B. & A.T. Barion. 2009. Taxonomy and General Biology of Delphacid Planthopper in Rice Agroecosystem. *In* Heong KL, B Hardy editors. *Planthopper: New Threat to The Sustainability of Intensive Rice Production System in Asia*. International Rice Research Institute, Los Banos, Philippines. p 3-155.

English-Loeb, G., M. Rhainds, T. Martinson, & T. Ugine. 2003. Influence of Flowering Cover Crops on *Anagrus* Parasitoids (Hymenoptera: Mymaridae) and *Erythroneura* Leafhoppers (Homoptera: Cicadellidae) in New York Vineyards. *Agricultural and Forest Entomology* 5: 173-181.

Farrell, S.L. 2013. The Effect of Floral Nectar Feeding on the Parasitoid *A. nilaparvatae* (Hymenoptera: Mymaridae). *Spring* p 1-18.

Fowler, S.V., M.F. Claridge, & J.C. Morgan. 1991. Egg Mortality of the Brown Planthopper, *Nilaparvata lugens* (Homoptera: Delphacidae) and Green Leafhopper, *Nephotettix* spp. (Homoptera: Cicadellidae) on Rice in Srilanka. *Bulletin of Entomological Research* 81: 161-167.

Godfray, H.C.J. 1994. *Parasitoids Behavioral and Evolutionary Ecology*. Princeton University Press, Princeton, New Jersey, United Kingdom. 473p.

Gomez, K.A. & A.A. Gomez. 1995. *Prosedur Statistik untuk Penelitian Pertanian.* Terjemahan: Endang Sjamsuddin dan Justika S. Baharsjah. UI Press. Jakarta. 698p.

Gurr G.M., S.D. Wratten, & M.A. Altieri. 2004. *Ecological Engineering: Advances in Habitat Manipulation for Arthropods.* CSIRO Publishing. Collingwood, Australia. 232p.

Gurr, G.M., Z. Lu, X. Zheng, H. Xu, P. Zhu, G. Chen, X. Yao, J. Cheng, Z. Zhu, J.L. Catindig, S. Villareal, H.V. Chien, L.Q. Cuong, C. Channoo, N. Chengwattana, L.P. Lan, L.H. Hai, J. Chaiwong, H.I. Nicol, D.J. Perovic, S.D. Wratten, & K.L. Heong. 2016. Multi-Country Evidence that Crop Diversification Promotes Ecological Intensification of Agriculture. *Nature Plants* 2: 1-4.

Halaj J., A.B. Cady, & G.W. Uetz. 2000. Modular Habitat Refugia Enhance Generalist Predators and Lower Plant Damage in Soybeans. *Environmental Entomology* 29:383-393.

Hardin, M.R., B. Benrey, M. Coll, W.O. Lamp, G.K. Roderick, & P. Barbosa. 1995. Arthropod Pest Resurgence: an Overview of Potential Mechanisms. *Crop Protection* 14: 3-18.

Haryati S. 2016. *Aktivitas Parasitoid Telur Wereng Batang Padi Cokelat dan Dampak Abamektin terhadap Fekunditas dan Perkembangan* Anagrus nilaparvatae. Tesis Pascasarjana UGM. Yogyakarta. 46p.

Haryati, S., Y.A. Trisyono, & Witjaksono. 2017. Parasitism of the Rice Brown Planthopper Eggs in Various Periods of Time of the Day. *Jurnal Perlindungan Tanaman Indonesia* 20: 28-35.

Hassan S.A. 1994. Strategies to Select Trichogramma Species for Use in Biological Control. *In* Wajnberg E, SA Hassan Editors. *Biological Control with Egg Parasitoids*. CABI. Wallingford, UK. p 55-71.

Irham, YT Winarto, G Mudjiono. 2016. *Final Report: Assessment Evaluation of Implementation Landscape IPM TCP/INS/3403 "Strengthening And Revitalization of The Integrated Pest Management in Indonesia"*. Food and Agriculture Organization. Jakarta.

Kalshoven L.G.E. 1981. *Pest of Crop in Indonesia*. PT Ichtiar Barop in Indonesia. PT Ichtiar Baru-Van Hoeve. Jakarta. 701p.

Landis D.A., S.D. Wratten, & G.M. Gurr. 2000. Habitat Management to Conserve Natural Enemies of Arthropod Pests in Agriculture. *Annual Review Entomology* 45: 175–201.

Lee, J.C., G.E. Heimpel, & G.L. Leibee. 2004. Comparing Floral Nectar and Aphid Honeydew Diets on The Longevity and Nutrient Levels of a Parasitoid Wasp. *Entomologia Experimentalis et Applicata* 111: 189-199.

Lee, J.C., D. Andow, & G.E. Heimpel. 2006. Influence of Floral Resources on Sugar Feeding and Nutrient Dynamic of a Parasitoid in The Field. *Ecological Entomology* 31: 470-480.

Liu, F., Z. Xiao, G. Qing-Qing, & X. Qiu-Fing. 2012. Sublethal Effect of Four Insecticides on *Anagrus nilaparvatae* (Hymenoptera: Mymaridae), An Important Egg Parasitoid of the Rice Planthopper *Nilaparvata lugens* (Homoptera: Delphacidae). *Crop Protection* 37: 13-19.

Lou G.L., B. Ma, & J. Cheng. 2005. Attraction of the Parasitoid *Anagrus nilaparvatae* to Rice Volatiles Induced by The Rice Brown Planthopper *Nilaparvata lugens. Journal of Chemical Ecology* 31: 2357-2372.

Lou Y.G., H. Xiaoyan, C.J.T. Ted, C. Jiaan, C. Xuexin, & Y. Gongyin. 2006. Difference in Induced Volatile Emissions among Rice Varieties Result in Differential Attraction and Parasitism of *Nilaparvata lugens* Eggs by Parasitoid *Anagrus nilaparvatae* in The Field. *Journal of Chemical Ecology* 32: 2375-2387.

Lou, Y.G., G.R. Zhang, W.Q. Zhang, Y.H. Hu, & J. Zhang. 2014. Reprint of: Biological Control of Rice Pest in China. *Biological Control* 68: 103-116.

Maryana N. 1994. *Inventarisasi Parasitoid Telur Wereng Hijau* Nephotettix virescens *(Distant) dan Wereng Coklat* Nilaparvata lugens *(Stal.) di Daerah Bogor dan Cianjur serta Pengamatan Biologi* Gonatocerus *sp*. Tesis Pascasarjana IPB. Bogor. 83p.

Meilin A. 2012. *Dampak Insektisida pada Parasitoid Telur Wereng Batang Cokelat dan Deltametrin Konsentrasi Sublethal terhadap* Anagrus nilaparvatae *(Hymenoptera: Mymaridae).* Disertasi Pascasarjana UGM. Yogyakarta. 149p.

Meilin, A, Y.A. Trisyono, E. Martono, & D. Buchori. 2012a. The Effects of Deltamethrin Applied at Sublethal Concentrations on the Adults of *Anagrus nilaparvatae* (Hymenoptera: Mymaridae). *ARPN Journal of Agricultural and Biological Science* 7: 1032-1037.

Meilin, A, Y.A. Trisyono, E. Martono, & D. Buchori. 2012b. Teknik Perbanyakan Massal Parasitoid *Anagrus nilaparvatae* (Pang et Wang) (Hymenoptera: Mymaridae) dengan Kotak Plastik. *Jurnal Entomologi Indonesia* 9: 7-13.

Mochida O. & T. Okada. 1979. Taxonomy and Biology of *Nilaparvata lugens* (Homoptera: Delphacidae). In *Brown Planthopper: Threat to Rice Production in Asia*. International Rice Research Institute, Los Banos, Philippines. p 21-24.

Nicholls, C.I.& M.A. Altieri. 2013. Plant Biodiversity Enhances Bees and Other Insect Pollinators in Agroecosystems. A Review. *Agronomy for Sustainable Development* 33: 257-274

Olson, D.M., H. Fadamiro, J.G. Lundgren, & G.E. Heimpel. 2000. Effects of Sugar Feeding on Carbohydrate and Lipid Metabolism in a Parasitoid Wasp. *Physiological Entomology* 25: 17-26.

Otake A. 1977. Natural Enemies of the Brown Planthopper. In *the Rice Brown Planthopper.* Food and Fertilizer Technology Cebter for Asian and Pasific Region. Taiwan. p 42-57.

Otake, A. 1970. Studies on the Egg Parasities of the Smaller Brown Planthopper, *Laodelphax striatellus* (FALLEN) (Hemiptera: Delphacidae). *Applied Entomology and Zoology* 5: 95-104.

Pianka, H.D., C.L. Boggs, & L.E. Gilbert. 1977. Ovarian Dynamics in Heliconiine Butterflies: Programmed Senescence versus Eternal Youth. *Science* 197: 487-490.

Rivero, A. & J. Casas. 1999. Incorporating Physiology into Parasitoid Behavioral Ecology: the Allocation of Nutritional Resources. *Researches on Population Ecology* 41: 39-45.

Rubia-Sanchez E., Y. Suzuki, K. Miyamoto, & T. Watanabe. 1999. The Potential for Compensation of The Effects of The Brown Planthopper *Nilaparvata lugens* (Stål) (Homoptera: Delphacidae) Feeding on Rice. *Crop Protection* 18: 39-45.

Sahad, K.A. 1984. Biology of *Anagrus optabilis* (Perkins) (Hymenoptera, Mymaridae), an Egg Parasitoid of Delphacid Planthoppers. *Esakia* 22: 129-144.

Schlindwein, C. & P.C.R. Medeiros. 2006. Pollination in *Turnera subulata* (Turneraceae): Unilateral reproductive dependence of the narrowly oligolectic bee *Protomeliturga turnerae* (Hymenoptera, Andrenidae). *Flora* 201: 178–188

Segoli, M. & J.A. Rosenheim. 2013. The Link Between Host Density and Egg Production in a Parasitoid Insect: Comparison Between Agricultural and Natural Habitats. *Functional Ecology* 27: 1224–1232.

Shepard, B.M., A.T. Barion, & J.A. Litsinger. 1987. *Friends of Farmer: Helpful Insects, Spiders, and Pathogens*. International Rice Research Institute, Los Banos, Philippines.

Sivinski, J., D. Wahl, T. Holler, S. Al Dobai, & R. Sivinski. 2011. Conserving Natural Enemies with Flowering Plants: Estimating Floral Attractiveness to Parasitic Hymenoptera and Attraction's Relationship to Flower and Plant Morphology. *Biological Control* 58: 208-214.

Trisyono, Y.A. 2015. Pidato Dies Natalis ke-69 Fakultas Pertanian Universitas Gadjah Mada: Menengok dan Merancang Kembali PHT di Indonesia. Fakultas Pertanian, Universitas Gadjah Mada. Yogyakarta. 16p.

Turlings, T.C.J., M. Bernasconi, R. Bertossa, F. Bigler, G. Caloz, & S. Dorn. 1998. Timing of Induced Volatile Emissions in Maize Seedlings. *Planta* 207: 146-152.

Tylianakis, J.M., R.K. Didham, & S.D. Wratten. 2004. Improved Fitness of Aphid Parasitoids Receiving Resource Subsidies. *Ecology* 85: 658–666.

Untung K. 2006. *Pengantar Pengelolaan Hama Terpadu*. Edisi Kedua. Gadjah Mada University Press. Yogyakarta. 348p.

Usmani M.K. 2012. Biological Investigation on Some Species of Anagrus (Hymenoptera: Mymaridae), Egg Parasitoids of Leafhoppers (Hemiptera). *APCBEE Procedia*. 4: 1-5.

Vattala, H.D., S.D. Wratten, C.B. Phillips, & F.L. Wackers. 2006. The Influence of Flower Morphology and Nectar Quality on the Longevity of a Parasitoid Biological Control Agent. *Biological Control* 39: 179-185.

Vet, L. E. M., F.L. Wackers, & M. Dicke. 1991. How to Hunt for Hiding Hosts: the Reliability-Detectability Problem in Foraging Parasitoids. *Netherlands Journal of Zoology* 41: 202-213.

Wackers, F.L., P.C.J. Van Rijn, & G.E. Heimpel. 2008. Honeydew as A Food Source for Natural Enemies: Making the Best of a Bad Meal? *Biological Control* 45: 176-184.

Wang H.Y., Y. Yang, J.Y. Su, J.L. Shen, C.F. Gao, & Z.C. Yu. 2008. Assessment of The Impact of Insecticides on *Anagrus nilaparvatae* (Pang et Wang) (Hymenoptera: Mymaridae), an Egg Parasitoid of the Rice Planthopper, *Nilaparvata lugens* (Hemiptera: Delphacidae). *Crop Protection* 27:514-522.

Watanabe T. & H. Kitagawa. 2000. Photosynthesis and Translocation of Assimilates in Rice Plants Following Phloem Feeding by The Planthopper Nilaparvata *lugens* (Homoptera: Delphacidae). *Journal Economic Entomology* 93: 1192-1198.

Watanabe, T., T. Wada, & N.M.N.N. Salleh. 1992. Parasitic Activities of Egg Parasitoids on the Rice Planthoppers, *Nilaparvata lugens* (Stal) and *Sogatella furcifera* (Horvath) (Homoptera: Delphacidae), in the Muda Area, Peninsular Malaysia. *Applied Entomology and Zoology* 27: 205–211.

Wratten, S.D., B.I. Lavandero, J. Tylianakis, D. Vattala, T. Çilgi, & R. Sedcole. 2003. Effects of Flowers on Parasitoid Longevity and Fecundity. *New Zealand Plant Protection* 56: 239-245.

Wróblewska, A., E. Stawiarz, & M. Masierowska. 2016. Evaluation of Selected Ornamental Asteraceae as a Pollen Source for Urban Bees. *Journal of Apicultural* Science 60: 179-191.

Xiang, C., N. Ren, X. Wang, A. Sumera, J. Cheng, & Y. Lou. 2008. Preference and Performance of Anagrus nilaparvatae (Hymenoptera: Mymaridae): Effect of Infestation Duration and Density by Nilaparvata lugens (Homoptera: Delphacidae). *Environmental Entomology* 37: 748-754.

Yaherwandi & U. Syam. 2007. Keanekaragaman dan Biologi Reproduksi Parasitoid Wereng Cokelat *Nilaparvata lugens* Stal. (Homoptera: Delphacidae) pada Struktur Lanskap Pertanian Berbeda. *Jurnal Akta Agrosia* 10: 76-86.

Zhang, G., O. Zimmermann, & S.A. Hassan. 2004. Pollen as A Source of Food for Egg Parasitoids of The Genus Trichogramma (Hymenoptera: Trichogrammatidae). *Biocontrol Science and Technology* 14: 201-209.

Zhang, W., B. Liu, G. Liang, & Y. Lu. 2016. Flowers Promote Ovarian Development and Vitellogenin Gene Expression in *Apolygus lucorum* (Heteroptera: Miridae). *Arthropod-Plant Interactions* 10: 113–119.

Zhu, P., G.M. Gurr, Z. Lu, K. Heong, G. Chen, H. Xu, Y. Yang, & X. Zheng. 2013. Laboratory Screening Supports the Selection of Sesame (*Sesamum indicum*) to Enhance *A. nilaparvatae*. Parasitoids (Hymenoptera: Mymaridae) of Rice Planthoppers. *Biological Control* 64: 83–89.