

DAFTAR PUSTAKA

- Ammar, E. D., and D. G. Hall. 2012. New and simple methods for studying hemipteran stylets, bacteriomes, and salivary sheaths in host plants. *Annals of the Entomological Society of America*. 105(5): 731–739.
- Ammar, E. D., D. G. Hall. and R. G. Shatters. 2013. Stylet morphometrics and citrus leaf vein structure in relation to feeding behavior of the asian citrus psyllid *Diaphorina citri*, vector of citrus huanglongbing bacterium. *PLoS ONE*. 8(3): 1-12.
- Anisyah, Y. N., dan I. Kusumaningrum. 2024. Karakteristik kimia dan sensori marmalade jeruk siam pontianak (*Citrus nobilis* var. *microcarpa*) dengan penambahan sari mangga harum manis (*Magnifera indica* L). *Karimah Tauhid*. 3(5): 5283-5298.
- Antolínez, C. A., K. Szejbak, K. E. Mauck and M. J. Rivera. 2021. Assessment of variation in feeding behavior by color morph in the asian citrus psyllid (*Diaphorini citri* Kuwayama). *Journal of Insect Behavior*. 34(5–6): 312–318.
- Backus, E. A., and H. T. Shih. 2020. Review of the epg waveforms of sharpshooters and spittlebugs including their biological meanings in relation to transmission of *Xylella fastidiosa* (Xanthomonadales: Xanthomonadaceae). *Journal of Insect Science*. 20(4): 1-14.
- Beattie. G. A. C., and P. Holford. 2021. Can *Oecophylla smaragdina* be used to suppress incidence of CVPD in citrus orchards in Indonesia?. In *IOP Conference Series: Earth and Environmental Science*. 1018(x): 1-14.
- Beleznai, O., G. Tholt, Z. Tóth, V. Horváth, Z. Marczali, and F. Samu, F. 2015. Cool headed individuals are better survivors: non-consumptive and consumptive effects of a generalist predator on a sap feeding insect. *PLoS ONE*. 10(8): 1-19.
- Bonani, J. P., A. Fereres, E. Garzo, M. P. Miranda, B. Appezzato-Da-Gloria, and J. R. S. Lopes. 2010. Characterization of electrical penetration graphs of the Asian citrus psyllid, *Diaphorina citri*, in sweet orange seedlings. *Entomologia Experimentalis et Applicata*. 134(1): 35–49.
- Bowler, D. E., S. Yano, and H. Amano. 2013. The non-consumptive effects of a predator on spider mites depend on predator density, *Journal of Zoology*. 289(1): 52-59.
- BPS. 2021. Statistik Hortikultura. <<https://www.bps.go.id/id/publication/2022/06/08/44e935e8c141bcb37569aed3/statistik-hortikultura-2021.html>>. Diakses pada 1 November 2024.
- Bracis, C., and A. J. Wirsing. 2021. Prey foraging behavior after predator introduction is driven by resource knowledge and exploratory tendency. *Frontiers in Ecology and Evolution*. 9(x): xx-xx.
- CABI. 2019. *Oecophylla smaragdina* (weaver ant). <<https://www.cabidigitallibrary.org/doi/abs/10.1079/cabicompendium.37096>>. Diakses pada 6 November 2024.
- Crozier, R. H., P. S. Newey, E. A. Schlüns, and S. K. A. Robson. 2009. A masterpiece of evolution *Oecophylla* weaver ants (Hymenoptera: Formicidae). *Myrmecological News*. 13(x): 57–71.
- Dlussky, G. M., T. Wappler. and S. Wedmann. 2008. New middle eocene formicid species from Germany and the evolution of weaver ants. *Acta Palaeontologica Polonica*. 53(4): 615–626.
- Dwiasuti, M. E., dan M. Y. Kurniawati. 2007. Keefektifan entomopatogen *Hirsutella citriformis* (Deuteromycetes: Moniliales) pada kutu psyllid *Diaphorina citri* Kuw. *Jurnal Hortikultura*. 17(3): 242-252.

- Ebert, T. A., W. Schumann, and A. J. Krajewski. 2024. A Non-technical introduction to electropenetrography and its application with asian citrus psyllid as an example. Extension Digital Information Source. University of Florida, USA.
- Exelis, M. P., A. H. Idris, Z. Ya'cob, R. Ramli, S. Yaakop, R. W. Ibrahim, and W. Othman. 2023. The social organisation of *Oecophylla smaragdina* (Hymenoptera: Formicidae) colonies and their functional activity the social organisation of *Oecophylla smaragdina* (Hymenoptera: Formicidae) colonies and their functional activity. xx(x): 1–23.
- Ferrer, C. M. 2022. *Diaphorina citri* (Asian citrus psyllid). <<https://plantwiseplusknowledgebank.org/doi/full/10.1079/pwkb.species.18615>>. Diakses pada 6 November 2024.
- George, J., E. D. Ammar, D. G. Hall, and S. L. Lapointe. 2017. Sclerenchymatous ring as a barrier to phloem feeding by asian citrus psyllid: Evidence from electrical penetration graph and visualization of stylet pathways. PLoS ONE. 12(3): 1–15.
- George, J., R. Kanissery, E. D. Ammar, I. Cabral, L. T. Markle, J. M. Patt, and L. L. Stelinski. 2020. Feeding behavior of asian citrus psyllid [*Diaphorina citri* (Hemiptera: Liviidae)] nymphs and adults on common weeds occurring in cultivated citrus described using electrical penetration graph recordings. Insects. 11(1): 1-17.
- Ghimire, P. 2021. an Overview on biological control of Insect Pests: Review Article. I Tech Mag, 3(x): 19-26.
- Hall, D. G., M. L. Richardson, E. D. Ammar, and S. E. Halbert. 2013. Asian citrus psyllid, *Diaphorina citri*, vector of citrus huanglongbing disease. Entomologia Experimentalis et Applicata. 146(2): 207-223.
- Iftikhar, Y., S. Rauf, U. Shahzad, and M. A. Zahid. 2016. Huanglongbing: pathogen detection system for integrated disease management – a review. Journal of the Saudi Society of Agricultural Sciences. 15(1): 1–11.
- Juniati, L., A. Chahyunisa, Mayarlis, N. Ocstavella, Y. P. Utama, dan D. H. Putri. 2023. Isolation and identification of bacteria from weaver ants (*Oecophylla smaragdina*). Serambi Biologi. 8(1): 50–55.
- Karthick, M., B. Samuel, I. K. Selvam, C. Sagaya Rani, and R. A. Raj. 2024. Ultrastructure and morphometric characteristics of *Oecophylla smaragdina* (Fabricius, 1775) (Hymenoptera: Formicidae). Journal of Biological Control. 38(1): 73–81.
- Khasanah, N., Mukarlina, dan Z. Zakiah. 2022. Struktur anatomi akar, batang dan daun citrus (*Citrus aurantifolia* (Cristm.) Swingle, *Citrus madurensis* Lour, *Citrus nobilis* L. var. microcarpa) di Kalimantan Barat. Protobiont. 11(2): 38–43.
- Krebs, J. R. 1980. Optimal foraging, predation risk and territory defense. Ardea. 68(x): 83–90.
- Kristiandi, K., R. Fertiasari, N. F. Yunita, T. W. Astuti, dan D. Sari. 2012. Analisis produktivitas dan luas tanaman jeruk siam Sambas tahun 2015-2020. Jurnal Pemikiran Masyarakat Ilmiah Berwawasan Agribisnis. 7(2): 1747-1755.
- Kumre, S. B. 2024. Biochemical analysis of the life stages of *Oecophylla smaragdina* (weaver ant). Environment Conservation Journal, 25(2): 488–492.
- Leong, S. S., S. C. T. Leong, and G. A. C. Beattie. 2022. Integrated pest management strategies for asian citrus psyllid *Diaphorina citri* Kuwayama (Hemiptera: Psyllidae) and huanglongbing in citrus for Sarawak, East Malaysia, Borneo. Insects. 13(10): 1-19.

- Lima, S. L. 1998. Stress and decision making under the risk of predation: Recent developments from behavioral, reproductive, and ecological perspectives. *Advances in the Study of Behavior*, 27(x): 215–290.
- Lima, S. L. and L. M. Dill. 1990. Behavioral decisions made under the risk of predation: a review and prospectus. *Canadian Journal of Zoology*. 68(4): 619–640.
- Lucini, T., and A. R. Panizzi. 2018. Electropenetrography (EPG): a breakthrough tool unveiling stink bug (pentatomidae) feeding on plants. *Neotropical Entomology*. 47(1): 6–18.
- Marcela, P., A. Abu Hassan, A. T. Nurita, and K. Thevan. 2012. Colony structure of the weaver ant, *Oecophylla smaragdina* (Fabricius) (Hymenoptera: Formicidae). *Sociobiology*. 59(1): 1–10.
- Masram, P. P., D. D. Barsagade, and M. P. Thakre. 2023. Morphological and ultra-structural study of head capsule of polymorphic forms in *Oecophylla smaragdina* Fabricius (Hymenoptera: Formicidae). *Journal of Entomology and Zoology Studies*. 11(5): 178–186.
- Mendonca, L. B. P., L. Zambolim, and J. L. Badel. 2017. Bacterial citrus diseases: major threats and recent progress. *Journal of Bacteriology & Mycology*. 5(4): 340-350.
- Mestre, L., N. Narimanov, F. Menzel, and M. H. Entling. 2019. Non-consumptive effects between predators depend on the foraging mode of intraguild prey. *Journal of Animal Ecology*. 89(7): 1690-1700.
- Michaud, J. P., and L. E. Olsen. 2004. Suitability of Asian citrus psyllid, *Diaphorina citri*, as prey for ladybeetles. *BioControl*. 49(4): 417–431.
- Ningrum, E. A., dan H. Lathi. 2023. Analisis perilaku organisme semut rangrang (*Oecophylla smaragdina*) pada pohon bougenville di Kecamatan Temon, Kabupaten Kulon Progo Behavioral. *Jurnal Sains Dasar*. 12(1): 1–8.
- Ningsih, B., Mukarlina, dan R. Linda. 2022. Struktur anatomi daun jeruk siam (*Citrus nobilis* L.var microcarpa) yang bergejala sakit. *Protobiont*. 11(2): 51-55.
- Park, S. Bin, H. N. Koo, S. J. Seok, H. K. Kim, H. J. Yi, and G. H. Kim. 2023. Feeding behavior comparison of bean bugs, *Riptortus pedestris* and *Halyomorpha halys* on different soybean cultivars. *Insects*. 14(4): 5–8.
- Patel, D., and N. Bhatt. 2020. Nesting, protective and foraging behavior of *Oecophylla smaragdina* (Weaver Ants) in Anand, Gujarat. *Advances in Zoology and Botany*. 8(4): 351–357.
- Peacor, S. D. B. L. Peckarsky, G. C. Trussell, and J. R. Vonesh. 2013. Costs of predator-induced phenotypic plasticity: a graphical model for predicting the contribution of nonconsumptive and consumptive effects of predators on prey. *Oecologi*. 171(1): 1-10.
- Pierre, E. M., and R. Rosli. 2022. A Review on distribution pattern, nesting style, mating behavior, colony organization of asian weaver ant *Oecophylla smaragdina* (Hymenoptera: Formicidae) occupying strategic biome-agroforestry systems of Asia. *Preprints*, 360(x): 1-31.
- Pierre, E. M., R. Ramli, R. W. Ibrahim, and A. H. Idris. 2022. Foraging behaviour and population dynamics of asian weaver ants: assessing its potential as biological control agent of the invasive bagworms *Metisa plana* (Lepidoptera: Psychidae) in oil palm plantations. *Sustainability*. 15(1): 780-801.
- Putriana, D., C. K. A. Pratisthita, N. S. Ambarwati, W. Paramita, dan Y. F. Rahmawati. 2023. Identifikasi pola perilaku semut rangrang (*Oecophylla smaragdina*). *Kingdom (The Journal of Biological Studies)*. 8(2): 172–182.

- Ratri, L. D., E. Basuki, dan D. Darsono. 2017. Kuantitas anakan kultur semut rangrang (*Oecophylla smaragdina*) secara artifisial dengan menggunakan beberapa jenis pakan berbeda. *Scripta Biologica*. 4(1): 47.
- Rezki, R., N. Aoliya, F. Fadliansyah, S. L. Wulandari, D. R. Jesajas, dan R. Raffiudin. 2023. Variasi perilaku mencari makan pada semut rangrang *Oecophylla smaragdina* (Fabricius) pada habitat yang berbeda. *Jurnal Entomologi Indonesia*. 20(2): 141-150.
- Riastana, I. K., N. K. A. Astiari, dan N. P. A. Sulistiawati. 2019. Kualitas buah jeruk siam (*Citrus nobilliss* var *microcarva* L). *Gema Agro*. 24(1): 22–28.
- Rumbay, M. C., J. Pelealu, J. Posangi, C. L. Salaki, dan M. Y. Samuel. 2019. Morphology and morphometry of rangrang ants [*Oecophylla smaragdina*] (Hymenoptera: formicidae) from two different habitats in Manado city, north Sulawesi. *International Journal of Biology Research*. 4(x): 12–18.
- Sagar, D., and R. A. Balikai. 2013. Psyllid pests of horticultural and forage crops: taxonomy, biology and their management. *Journal of Experimental Zoology*. 16(1): 1-18.
- Sandanayaka, W. R. M., J. G. Charles, and K. J. Froud. 2017. Potential use of electrical penetration graph (EPG) technology for biosecurity incursion response decision making. *New Zealand Plant Protection*. 70(x): 1-15.
- Sandanayaka, W. R. M., Y. Jia, and J. G. Charles. 2013. EPG technique as a tool to reveal host plant acceptance by xylem sap-feeding insects. *Journal of Applied Entomology*. 137(7): 519–529.
- Sapteka, A. A. N. G., A. A. N. M. Narottama, K. A. Yasa, I. M. Purbhawa, dan I. G. A. G. Wiadnyana. 2021. Contour plot ph, suhu dan kelembaban tanah kebun jeruk siam di Desa Kerta, Payangan, Gianyar, Bali. *Seminar Nasional Terapan Riset Inovatif (SENTRINOV)*. 7(1): 387-394.
- Schmitz, O. 2017. Predator and prey functional traits: Understanding the adaptive machinery driving predator-prey interactions. *F1000Research*, 6(x): 1-10.
- Schurr, U., T. Gollan, and E. D. Schulze. 1992. Stomatal response to drying soil in relation to changes in the xylem sap composition of *Heiianthus annuus*. II. Stomatal sensitivity to abscisic acid imported from the xylem sap. *Plant, Cell, and Environment*. 15(5): 561-567.
- Spiller, N. J., L. Koenders, and W. F. Tjallingii. 1990. Xylem ingestion by aphids - a strategy for maintaining water balance. *Entomol*. 55(x): 101-104.
- Susanti, H., Mukarlina, dan Linda, R. 2014. Anatomi daun dan ranting *Citrus nobilis* L. var. *microcarpa* yang terserang citrus vein phloem degeneration. *Jurnal Protobiont*. 3(3): 51–55.
- Tholt, G., A. Kis, A. Medzihradsky, E. Szita, Z. Tóth, Z. Havelda, and F. Samu. 2018. Could vectors' fear of predators reduce the spread of plant diseases?. *Scientific Reports*. 8(1): 1-10.
- Tobing, D. M. A. L., E. S. Bayu, L. A. M. dan Siregar. 2013. Identifikasi karakter morfologi dalam penyusunan deskripsi jeruk siam (*Citrus nobilis*) di beberapa daerah Kabupaten Karo. *Jurnal Online Agroekoteknologi*. 2(1): 72-85.
- USDA. 2024. *Citrus nobilis*. <<https://acir.aphis.usda.gov/s/cird-taxon/a0ut0000000rEeHAAU/citrus-nobilis>>. Diakses pada 6 November 2024.
- Verdolin, J. L. 2006. Meta-analysis of foraging and predation risk trade-offs in terrestrial systems. *Behavioral Ecology and Sociobiology*. 60(4): 457–464.
- Vikram Singh, N., and G. S. Yadav. 2018. Bio-ecology and management of *Citrus psylla*,

- Diaphorina citri* Kuwayama on Citrus - A Review. International Journal of Current Microbiology and Applied Sciences.7(04): 3091–3107.
- Walker, G. P., A. Fereres, and W. F. Tjallingii. 2024. Guidelines for conducting, analyzing, and interpreting electrical penetration graph (EPG) experiments on herbivorous piercing–sucking insects. *Entomologia Experimentalis et Applicata*. 172(7): 564–580.
- Walker, G. P., A. Fereres., and W. F. Tjallingii. 2022. Guidelines for conducting, analyzing, and interpreting electrical penetration graph (EPG) experiments on herbivorous piercing–sucking insects. *Entomologia Experimentalis et Applicata*. 127(7): 565–580.
- Wang, R., Yang, H., W. Luo, M. Wang, X. Lu, T. Huang, J. Zhao, and Q. Li. 2019. Predicting the potential distribution of the Asian citrus psyllid, *Diaphorina citri* (Kuwayama), in China using the MaxEnt model. *PeerJ*. 7(x): 1–19.
- Weller, N. D. S., D. Raubenheimer, and D. Hawlena. 2024. Constraints and demands interact to affect prey dietary reaction to predation. *Functional Ecology*, 38(9): 2099–2109.
- Weninger, E. J., and Hall, D. G. 2007. Daily timing of mating and age at reproductive maturity in *Diaphorina citri* (Hemiptera: Psyllidae). *Florida Entomologist*. 90(4): 715–722.
- Werner, E. E., and S. D. Peacor. 2003. A review of trait-mediated indirect interactions in ecological communities. *Ecology*. 84(5): 1083–1100.
- Wetterer, J. K. 2017. Geographic distribution of the weaver ant *Oecophylla smaragdina*. *Asian Myrmecology*. 9(x): 1–12.
- Wijaya, I. N., W. Adiartayasa, M. Sritamin, dan K. A. Yuliadhi. 2010. Dinamika populasi *Diaphorina citri* kuwayama (Homoptera: Psyllidae) dan deteksi cvpd dengan teknik pcr. *Perhimpunan Entomologi Indonesia*. 7(2): 78–87.
- Wu, T., X. Luo, C. Xu, F. Wu, J. A. Qureshi, and Y. Cen. 2016. Feeding behavior of *Diaphorina citri* and its transmission of ‘*Candidatus Liberibacter asiaticus*’ to citrus. *Entomologia Experimentalis et Applicata*. 161(2): 1–8.
- Wuryantini, S., Harwanto, dan R. A. Yudistira. 2019. Toksisitas bioinsektisida ekstrak kulit jeruk terhadap kutu loncat jeruk *Diaphorina citri* kuwayama (Hemiptera: psyllidae) sebagai vektor penyakit cvpd. *Jurnal Agronida*. 5(2): 51–58.
- Xu, C., Y. Xia, K. Li, and C. Ke. 1988. Study on the transmission patterns of citrus huanglongbing by *Diaphorina citri* and the distribution of the pathogen in the insect body. *Fujian Journal of Agricultural Sciences*. 3(2): 57–62.
- Yang, P. 2004. Historical records of the yellow weaver ant (*Oecophylla smaragdina*) and its use in citrus pest control. *Chinese Journal of Biological Control*. 18(1): 28–32.
- Youn, Y., E. A. Backus, R. H. Serikawa, and L. L. Stelinski. 2011. Correlation of an electrical penetration graph waveform with walking by Asian citrus psyllid, *Diaphorina citri* (Hemiptera: Psyllidae). *Florida Entomologist*. 94(4): 1084–1087.
- Zebua, E. N. K. 2022. Studi etologi semut rangrang. *FAGURU: Jurnal Ilmiah Mahasiswa Keguruan*. 1(2): 95–107.
- Zuhran, M., G. Mudjiono, R. D. Puspitarini. Pengaruh pengelolaan agroekosistem terhadap kelimpahan kutu loncat jeruk *Diaphorina citri* Kuwayama (Hemiptera: Liviidae). *Jurnal Entomologi Indonesia*. 18(2): 102–114.