DAFTAR PUSTAKA

Antolinez, C. A., Szejbak, K., Mauck, K. E., & Rivera, M. J. 2021. Assessment of variation in feeding behavior by color morph in the Asian citrus psyllid (*Diaphorina citri*). *Journal of Insect Behavior*, *34*(5), 312-318.

Boina, D. R., Youn, Y., Folimonova, S., & Stelinski, L. L. 2011. Effects of pymetrozine, an antifeedant of Hemiptera, on Asian citrus psyllid, *Diaphorina citri* , feeding behavior, survival, and transmission of *Candidatus Liberibacter asiaticus*. *Pest Management Science*, *67*(2), 146–155.

Bonani, J. P., Fereres, A., Garzo, E., Miranda, M. P., Appezzato-Da-Glória, B., & Lopes, J. R. S. 2010. Characterization of *Electrical Penetration Graph*s of the Asian citrus psyllid, *Diaphorina citri* , in sweet orange seedlings. *Entomologia Experimentalis et Applicata, 134*(1), 35–49.

Butler, C. D., Trumble, J. T., & Hall, D. G. 2019. Feeding site selection and stilet behavior of Asian citrus psyllid influenced by leaf age and morphology. *Journal of Economic Entomology, 112*(1), 348–357.

CABI. 2019. *Citrius*. https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.13436. Diakses tanggal 11 Desember 2024.

CABI. 2019. *Diaphorina citri (Asian citrius psyllid)*. https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.18615. Diakses tanggal 11 Desember 2024.

Chen, X. D., George, J., Diepenbrock, L. M., Gossett, H., Liu, G., Qureshi, J. A., & Stelinski, L. L. 2024. Feeding behavior and hormoligosis associated with imidacloprid resistance in Asian citrus psyllid, *Diaphorina citri* . *Insect Science*, *31*(4), 1211-1221.

Cocuzza, G. E., da Silva, J. E. A., de Almeida, R. P. P., & Kitajima, E. W. 2017. Interaction between *Diaphorina citri* and *Candidatus Liberibacter asiaticus* in citrus plants: Impact on plant defense responses. *Plant Pathology Journal*, 33(1), 21–32.

Cocuzza, G.E.M., Alberto, U., Hernández-Suárez, E., Siverio, F., Silvestro, S. di, Tena, A., Carmelo, R., 2017. A review on Trioza erytreae (African citrus psyllid), now

in mainland Europe, and its potential risk as a vector of huanglongbing (HLB) in citrus. *Journal of Pest Science*, 90(1):1-17.

Costa, G. V. D., Neves, C. S. V. J., Bassanezi, R. B., Leite, R. P., & Telles, T. S. 2021. Economic impact of Huanglongbing on orange production. *Revista Brasileira de Fruticultura*, *43*(3), e-472.

Coyle, M., Rogers, M. E., & Stansly, P. A. 2020. Feeding behavior of *Diaphorina citri* (Hemiptera: Liviidae) adults on common cover crops in citrus groves. *Agriculture*, *10*(12), 617.

Efendi, S., Yaherwandi., & Nelly, N. 2017. Biologi dan statistik demografi *Menochilus sexmaculatus* fabricius (Coleoptera: Coccinellidae) predator *Aphis gossypii* glover (Homoptera: Aphididae). *Jurnal Floratek*, *12*(2), 75-89.

EFSA Panel on Plant Health (PLH), Bragard, C., Dehnen-Schmutz, K., Di Serio, F., Gonthier, P., Jacques, M.-A., Jaques Miret, J.-A., Justesen, A.-F., Magnusson, C.-S., Milonas, P., Navas-Cortés, J.-A., Parnell, S., Potting, R., Reignault, P.-L., Thulke, H.-H., Van der Werf, W., Vicent Civera, A., Yuen, J., Zappalà, L., Kertész, V., Streissl, F., & MacLeod, A. 2021. Scientific Opinion on the pest categorisation of *Diaphorina citri* . *EFSA Journal*, 19(1), 6357.

EFSA Panel on Plant Health (PLH), Bragard, C., Dehnen-Schmutz, K., Di Serio, F., Gonthier, P., Jacques, M. A., ... & MacLeod, A. 2021. Pest categorisation of *Diaphorina citri* . *EFSA Journal*, *19*(1), e06357.

Ferrarezi, R. S., Vincent, C. I., Urbaneja, A., & Machado, M. A. 2020. Editorial: Unravelling Citrus Huanglongbing Disease. *Frontiers in Plant Science, 11*, 609655.

Gao, J., Tao, T., Arthurs, S. P., Hussain, M., Ye, F., & Mao, R. 2023. Saliva-Mediated Contrasting Effects of Two Citrus Aphid Species on Asian Citrus Psyllid Feeding Behavior and Plant Jasmonic Acid Pathway. *Insects*, *14*(8), 672.

Garcia, N., Zambrano, M., & Chirinos, D. 2022. La situación del psílido asiático de los cítricos (*Diaphorina citri* Kuwayama) (Hemiptera: Liviidae), vector de Huanglongbing en Ecuador. *Manglar*, *19*(2), 193-200.

Garzo, E., Bonani, J. P., Lopes, J. R. S., & Fereres, A. 2012. Morphological description of the mouthparts of the Asian citrus psyllid, *Diaphorina citri* Kuwayama (Hemiptera: Psyllidae). *Arthropod Structure & Development*, *41*(1), 79-86.

He, W., Ye, Q., Wang, F., Hu, Y., Liu, J., Mao, X., ... & Sang, W. 2023. Predatory Responses of *Cheilomenes sexmaculata* to *Diaphorina citri* . *Chinese Journal of Biological Kontrol*, *39*(3), 514.

Hermann, S. L., & Landis, D. A. 2017. Scaling up our understanding of non-consumptive effects in insect systems. *Current Opinion in Insect Science*, 20, 54–60.

Hussain, A., Khan, J., Blouch, A., Khan, A., & Sikandarii, Z. 2023. Biology and feeding efficiency of zigzag beetle, *Menochilus sexmaculatus* (Fab.) (Coleoptera: Coccinellidae) fed on mustard Aphid, *Lipatphis erysimi* (kalt.) (Hemiptera: Aphididae) under kontrolled conditions. *Pakistan Journal of Agricultural Research*, *36*(4), 369-376.

Javandira, C., Pratiwi, N. P. E., Widyastuti, L. P. Y., & Yuniti, I. G. A. D. 2023. Pengenalan Penyakit Busuk Batang pada Tanaman Jeruk di Desa Awan Kecamatan Kintamani. *Nusantara Community Empowerment Review*, *1*(2), 61-67.

Jiang, Y. X., & Walker, G. P. 2001. Pathway phase waveform characteristics correlated with length and rate of stilet advancement and partial stilet withdrawal in AC electrical penetration graphs of adult whiteflies. *Entomologia Experimentalis et Applicata*, *101*(2), 233–246.

Jiang, Y. X., Walker, G. P., & Pearce, M. J. 2001. *Electrical Penetration Graph* monitoring of the feeding behaviour of *Diaphorina citri* Kuwayama (Homoptera: Psyllidae) on citrus seedlings. *Journal of Applied Entomology, 125*(8), 495-500.

Jin, K. J., Bo, Y. S., & Kim, G. H. 2022. Electrical penetration graphic waveforms in relation to the actual positions of the stilet tips of *Nilaparvata lugens* in rice tissue. *Journal of Asia-Pacific Entomology*, *25*(1), 89–95.

Jin, Y., W. Zhang, Y. Dong, and A. Xia. 2022. Feeding behavior of *Riptortus pedestris* (Fabricius) on soybean: *Electrical Penetration Graph* analysis and histological investigations. *Insects.* 13(511): 1 – 12.

Kaplan, I., & Thaler, J. S. 2012. Compensatory mechanisms for ameliorating the fundamental trade-off between predator avoidance and foraging. *Proceedings of the National Academy of Sciences*, *109*(30), 12075–12080.

Kaplan, I., & Thaler, J. S. 2012. Phloem feeders under attack: Hormonal regulation of plant defense and predation risk. *Functional Ecology, 26*(1), 159–165.

Kaplan, I., & Thaler, J. S. 2012. Plant resistance attenuates the consumptive and non-consumptive effects of predators on prey. *Oikos*, *121*(8), 1233–1240.

Kaplan, I., McArt, S. H., & Thaler, J. S. 2016. Plant defenses and predation risk differentially shape the foraging behavior of a herbivorous insect. *Functional Ecology*, 30(4), 616–624.

Kristiandi, K., R. Fertiasari, N. F. Yunita, T. W. Astuti, dan D. Sari. 2021. Analisis produktivitas dan luas tanaman jeruk siam sambas tahun 2015-2020. *Jurnal Pemikiran Masyarakat Ilmiah Berwawasan Agribisnis*. 7(2): 1747-1755.

Kristiandi, Y., & Febrina, R. 2020. Kandungan fitokimia kulit buah jeruk siam (*Citrius nobilis Lour. var. microcarpa*) sebagai pestisida alami. *Jurnal Agrotek*, 6(2), 46–52.

Li, H. L., Zheng, X. L., Huang, Z. Y., & Lu, W. 2020. Review of reproductive behavior in *Diaphorina citri* (Kuwayama)(Homoptera: Liviidae). *Journal of Plant Diseases and Protection*, *127*, 601-606.

Li, Z., Yang, X., Guo, Y., Zhang, X., Li, Y., Kuo, Y. W., ... & Chen, Q. 2024. *Candidatus Liberibacter asiaticus* exploits the cytoskeletal system of psyllid vector for circulative propagative infection. *Microbiological Research*, 127985.

Lin, X., Cui, X., Tang, J., Zhu, J., & Li, J. 2023. Predation risk effects of lady beetle *Menochilus sexmaculatus* (fabricius) on the melon aphid, *Aphis gossypii* glover. *Insects*, *15*(1), 13.

Lu, X., Zhang, Y., Wang, H., & Li, Z. 2023. Molecular mechanisms underlying the interaction between *Diaphorina citri* and citrius greening pathogen. *Journal of Insect Science*, 25(3), 145-158.

Maluta, N., Castro, T., & Spotti Lopes, J. R. 2023. DC-*Electrical Penetration Graph* waveforms for *Dalbulus maidis* (Hemiptera: Cicadellidae) and t*he* effects of entomopathogenic fungi on its *probing* behavior. *Scientific Reports*, *13*(1), 22033.

McLean, D. L., & Kinsey, M. G. 1965. A technique for electronically recording aphid feeding and salivation. *Nature, 207*(4995), 1358-1359.

Miranda, M. P., Garzo, E., Bonani, J. P., & Fereres, A. 2021. Predator-induced changes in *probing* behavior of the Asian citrus psyllid revealed by *Electrical Penetration Graph*. *Insects, 12*(3), 254.

Oktaviani, O. 2023. Identifikasi Serangga yang Berasosiasi dengan Tanaman Jeruk Citrus sinensis L. di Agro Techno Centre (ATC) Universitas Sriwijaya. In *Seminar Nasional Lahan Suboptimal* (Vol. 11, No. 1, pp. 464-471).

Pratiwi, D., Widiastuti, N., & Yuliana, M. 2014. Pemanfaatan musuh alami dalam pengendalian hama *Diaphorina citri* pada tanaman jeruk. *Jurnal Perlindungan Tanaman Indonesia*, 18(2), 101–108.

Purba, D. P., Husni, A., Akhidaya, A., Kosmiatin, M., & Purwito, A. 2021. Effect of gamma rays irradiation and in vitro selection on *Citrus nobilis* (L.)'siam banyuwangi'to huanglongbing (hlb) disease. *AGRIVITA Journal of Agricultural Science*, *43*(2), 358-366.

Putri, N. R. 2018. *Karakterisasi Planlet Jeruk Siam Pontianak (Citrius nobilis Lour. var. microcarpa Hassk.) Setelah Diinduksi Larutan Atonik Dalam Kondisi Cekaman 36 Kekeringan Secara In Vitro.* Fakultas Matematika Dan Ilmu Pengetahuan Alam. Universitas Lampung. Skripsi.

Raj Boina, D., Youn, Y., Folimonova, S., & Stelinski, L. L. 2011. Effects of pymetrozine, an antifeidant of Hemiptera, on Asian citrus psyllid, *Diaphorina citri* , feeding behavior, survival and transmission of *Candidatus Liberibacter asiaticus*. *Pest management science*, *67*(2), 146-155.

Ramsey, J. S., Chavez, J. D., Johnson, R., Hosseinzadeh, S., Mahoney, J. E., Mohr, J. P., ... & Cilia, M. 2017. Protein interaction networks at the host–microbe interface in *Diaphorina citri* , the insect vector of the citrus greening pathogen. *Royal Society Open Science*, *4*(2), 160545.

Roma, T., Snehal, P., Surela, V. A., Saxena, S. P., & Pandya, H. V. 2019. Biology of citrus psyllid, *Diaphorina citri* Kuwayama (Homoptera: Psyllidae). *Journal of Entomology and Zoology Studies*, 7(5): 1101-1106.

Rosenheim, J. A., Wilhoit, L. R., Armer, C. A., & Ferro, D. N. 1995. Predator responses to prey density and the consequences for biological control: a comparative approach. *Ecology*, *76*(4), 1244–1254.

Salsabila, V., Putra, N. S., Aldawood, A. S., & Soffan, A. 2021. Increased *probing* activities of green peach aphid (GPA), *Myzus persicae*, on chitosan-treated caisim (*Brassica juncea*) monitored by *Electrical Penetration Graph* (EPG). *International Journal of Tropical Insect Science*, *41*, 2805-2810.

Salvador-Recatalà, V., Tjallingii, W. F., & Farmer, E. E. 2015. Real-time, in-vivo intracellular recordings of aphid stilet penetration into host sieve elements. *Plant Physiology, 168*(3), 1237-1247.

Sandanayaka, M. R. M., Charles, J. G., & Froud, K. J. 2017. Potential use of *Electrical Penetration Graph* (EPG) technology for biosecurity incursion response decision making. *New Zealand Plant Protection,* 70, 1-15.

Sandanayaka, W. R. M. 2017. Potential use of *Electrical Penetration Graph* (EPG) technology for biosecurity incursion response decision making. *CAB Reviews*, *12*(040), 1–6.

Schmitz, O. 2017. Predator and prey functional traits: understanding the adaptive machinery driving predator-prey interactions. F1000Research. 6:1-10.

Sekretariat Jenderal Kementerian Pertanian Republik Indonesia. 2023. *Analisis Kinerja Perdagangan Jeruk Tahun 2023*. Pusat Data dan Sistem Informasi Pertanian.

Sétamou, M., Soto, Y. L., Tachin, M., & Alabi, O. J. 2023. Report on the first detection of Asian citrus psyllid *Diaphorina citri* Kuwayama (Hemiptera: Liviidae) in the Republic of Benin, West Africa. *Scientific Reports*, *13*(1), 801.

Setyaningrum, H., Martono, E., Soffan, A., & Mo, J. 2023. Best Practices Intercropping Citrus Kontrolling Asian Citrus Psyllids (*Diaphorina citri*) in Indonesia. In the 3rd *International Conference on Smart and Innovative Agriculture (ICoSIA 2022)* (pp. 591-596). Atlantis Press.

Sih, A., Englund, G., & Wooster, D. 2000. Emergent impacts of multiple predators on prey. *Trends in Ecology & Evolution*, 13(9), 350–355.

Suriati, L. 2023. Nanocoating-konjac application as postharvest handling to extend the shelf life of Siamese oranges. *Frontiers in Sustainable Food Systems*, *7*, 1104498.

Tank, K. D., & Korat, D. M. 2007. Biology of *Menochilus sexmaculatus* (Fab.) (Coleoptera: Coccinellidae), a predator of *Aphis craccivora* Koch. *Karnataka Journal of Agricultural Sciences*, 20(3), 657–659.

Thaler, J. S., McArt, S. H., & Kaplan, I. 2012. Compensatory mechanisms for ameliorating the fundamental trade-off between predator avoidance and foraging. *Proceedings of the National Academy of Sciences*, *109*(30), 12075–12080.

Tholt, G., Samu, F., & Kiss, B. 2017. The role of predation in integrated biological control: Implications for pest population management. *Journal of Applied*

Ecology, *54*(3), 675–684.

Thom, D., Rammer, W., & Seidl, R. 2017. The impacts of climate change and disturbance on spatio-temporal trajectories of biodiversity in a temperate forest landscape. *Journal of Applied Ecology*, 54(1), 28–3.

Thomas, D.B., León, J.H. de, 2011. Is the old world fig*, Ficus carica* L. (Moraceae), an alternative host for the Asian citrus psyllid, *Diaphorina citri* (Kuwayama) (Homoptera: Psyllidae)?. *Florida Entomologist*, 94(4),1081-1083.

Tjallingii, W. F. 1978. Electronic recording of penetration behaviour by aphids. *Entomologia Experimentalis et Applicata, 24*(3), 721-730.

Tjallingii, W. F. 1990. Continuous recording of stilet penetration activities by aphids. In A. K. Minks & P. Harrewijn (Eds.), *Aphids: Their Biology, Natural Enemies and Kontrol* (2), 95-99.

Tuwo, M., Kuswinanti, T., Nasruddin, A., & Tambaru, E. 2024. Uncovering the presence of CVPD disease in citrus varieties of South Sulawesi, Indonesia: A molecular approach. *Journal of Genetic Engineering and Biotechnology*, *22*(1), 100332.

Walker, G. P., Fereres, A., & Tjallingii, W. F. 2024. Guidelines for conducting, analyzing, and interpreting *Electrical Penetration Graph* (EPG) experiments on herbivorous piercing–sucking insects. *Entomologia Experimentalis et Applicata*.

Wijaya, I. N. 2007. Penularan Penyakit CVPD (*Citrus Vein Phloem Degeneration*) oleh *Diaphorina citri* Kuwayama (Homoptera: Psyllidae) pada Tanaman Jeruk Siam. *Agritrop*, *26*(4), 140-146.

Wu, G., He, L., Xie, W., & Wu, Z. 2018. *Electrical Penetration Graph* analysis reveals the feeding behavior of *Diaphorina citri* on citrus plants. *Pest Management Science, 74*(8).

Yudiawati, E. & S.Pertiwi. 2020. Keanekaragaman jenis Coccinellidae pada areal persawahan tanaman padi di kecamatan Tabir dan di Kecamatan Pangkalan Jambu Kabupaten Merangin. *Jurnal Sains Agro*. 5(1).

Zuhran, M., Mudjiono, G., & Puspitarini, R. D. 2021. Pengaruh pengelolaan agroekosistem terhadap kelimpahan kutu loncat jeruk *Diaphorina citri* Kuwayama (Hemiptera: Liviidae). *Jurnal Entomologi Indonesia*, 18(2), 102–114.