

## DAFTAR PUSTAKA

- Akol, A. M., C. Masembe, B. E. Isabirye, C. K. Kukiriza, & I. Rwomushana. 2013. Oviposition preference and offspring performance in phytophagous fruit flies (Diptera: Tephritidae): The African invader, *Bactrocera invadens*. *International Research Journal of Horticulture*, 1(1): 1–14.
- Allwood, A. J. 1997. Biology and ecology: prerequisites for understanding and managing fruitflies (Diptera: Tephritidae). *Management of Fruit Flies in the Pacific: A Regional Symposium*. ACIAR Proceedings No. 76 (ed. by A. J. Allwood & R. A. I. Drew), pp. 95–101. Australian Centre for International Agricultural Research, Canberra, Australia.
- Alviani, V. (2015). *Identifikasi dan preferensi lalat buah Bactrocera spp. (Diptera: Tephritidae) yang menyerang salak* [Undergraduate thesis, Universitas Gadjah Mada]. Universitas Gadjah Mada Repository.
- Am, M., C. S. Sridharan, & N. S. Awasthi. 2017. Varying infestation of fruit fly, *Bactrocera cucurbitae* (Coquillett) in different cucurbit crops. *Journal of Entomology and Zoology Studies*, 5(53): 1419–1421.
- Anggraeni, Y. D. P., A. N. Al-Baarri, A. M. Legowo, M. Hadipernata, & W. Broto. 2019. Protein content in snake fruit cultivar Pondoh (*Salacca edulis* Reinw.) with aseptic condition in room storage. *Journal of Applied Food Technology*, 6(1): 19–21.
- Aryuwandari, V. E., Y. A. Trisyono, Suputa, S., S. De Faveri, & S. Vijaysegaran. 2020. Survey of fruit flies (Diptera: Tephritidae) from 23 species of fruits collected in Sleman, Yogyakarta. *Jurnal Perlindungan Tanaman Indonesia*, 24(2): 122–132.
- Badan Pusat Statistik. 2025. *Statistik Terkini Ekonomi Pertanian Februari 2025*. Badan Pusat Statistik Indonesia, Jakarta.
- Badan Pusat Statistik. 2024. *Indikator Pertanian 2023*. Badan Pusat Statistik Indonesia, Jakarta.
- Badan Karantina Indonesia. 2025. *Akses Pasar Kembali Dibuka, Barantin Fasilitas Ekspor 78,5 Ton Salak ke Tiongkok*. Diakses pada tanggal 14 Juli 2025.
- Bruce, T. J., L. J. Wadhams, & C. M. Woodcock. 2005. Insect host location: a volatile situation. *ds in Plant Science*, 10: 269–274.
- CABI. 2007. *Bactrocera carambolae*. <http://www.cabi.org/isc/datasheet/8700>. Diakses pada tanggal 1 Desember 2024.
- Corrêa, S. C., C. L. Wille, H. Hoffer, M. I. C. Boff, & C. R. Franco. 2018. Oviposition preference and biology of fruit flies (Diptera: Tephritidae) on grape vine genotypes. *Revista Caatinga*, 31(4): 907–915.
- Darshanee, H. L., H. Ren, N. Ahmed, Z. F. Zhang, Y. H. Liu, & T. X. Liu. 2017. Volatile-mediated attraction of greenhouse whitefly *Trialeurodes vaporariorum* to tomato and eggplant. *Frontiers in Plant Science*, 8: 1285.
- Diatta, P., J. Y. Rey, J. F. Vayssieres, K. Diarra, E. V. Coly, M. Lechaudel, I. Grechi, S. Ndiaye, & O. Ndiaye. 2013. Fruit phenology of citrus, mangoes and papayas influences egg-laying preferences of *Bactrocera invadens* (Diptera: Tephritidae). *Fruits*, 68(6): 507–516.
- Diaz-Fleischer, F. & M. Aluja. 2003. Clutch size in frugivorous insects as a function of host firmness: the case of the tephritid fly *Anastrepha ludens*. *Ecological Entomology*, 28: 268–277.
- Díaz-Fleischer, F., D. R. Papaj, R. J. Prokopy, & M. Aluja. 2000. Evolution of fruit fly oviposition behavior. In: Aluja, M. & Norrbom, A. L. (Eds.), *Fruit Flies (Tephritidae): Phylogeny and Evolution of Behavior*, Chapter 30. CRC Press, Boca Raton, FL.

- Dransfield, J., N. W. Uhl, C. B. Asmussen, W. J. Baker, M. M. Harley, & C. E. Lewis. 2008. *Genera Palmarum: The Evolution and Classification of Palms*. Royal Botanical Garden, Kew.
- Drew, R. A., & D. L. Hancock. 1994. The *Bactrocera dorsalis* complex of fruit flies (Diptera: Tephritidae: Dacinae) in Asia. *Bulletin of Entomological Research Supplement Series*, 2: 1–68.
- Durán-Soria, S., D. M. Pott, S. Osorio, & J. G. Vallarino. 2020. Sugar signaling during fruit ripening. *Frontiers in Plant Science*, 11: 564917.
- El-Genaidy, M. A., Y. E. Afia, & S. M. Elmahdy. 2024. Laboratory studies on the nutritional content effect of fruits on the competitive ability for *Bactrocera zonata* and *Ceratitidis capitata*. *International Journal of Entomology Research*, 9(5): 74–79.
- Fitrah, R., D. Pranowo, & S. Suputa. 2020. Oviposition preference of *Bactrocera dorsalis* Hendel (Diptera: Tephritidae) on different fruit in snake fruit orchard. *Jurnal Perlindungan Tanaman Indonesia*, 24(2): 224–228.
- Fletcher, B. S. 1987. The biology of dacine fruit flies. *Annual Review of Entomology*, 32: 115–144.
- Gonçalves, M. F., R. Malheiro, S. Casal, L. Torres, & J. A. Pereira. 2012. Influence of fruit traits on oviposition preference of the olive fly, *Bactrocera oleae* (Rossi) (Diptera: Tephritidae), on three Portuguese olive varieties. *Scientia Horticulturae*, 145: 127–135.
- Govaerts, R. & J. Dransfield. 2005. *World Checklist of Palms: 1–223*. The Board of Trustees of the Royal Botanic Gardens, Kew.
- Hadi, M. S., T. Himawan, & L. Q. Aini. 2013. The effectiveness of entomopathogenic fungi *Beauveria bassiana* with the addition of insect growth regulator lufenuron for controlling *Bactrocera carambolae*. *The Journal of Tropical Life Science*, 3: 187–192.
- Handaru, O. D., Witjaksono, & E. Martono. 2018. Study on the attractiveness of fruit flies *Bactrocera* spp. to mango fruit's extract. *Jurnal Perlindungan Tanaman Indonesia*, 22(1): 29–35.
- Jaleel, W., R. Saeed, M. Z. Shabbir, R. Azad, S. Ali, M. U. Sial, D. M. Aljedani, H. A. Ghramh, K. A. Khan, D. Wang, & Y. He. 2021. Olfactory response of two different *Bactrocera* fruit flies (Diptera: Tephritidae) on banana, guava, and mango fruits. *Journal of King Saud University Science*, 33: 101455.
- Kays, S. J., & R. E. Paull. 2004. *Postharvest Biology*. Exon Press, Athens.
- Kempraj, V., J. Auth, D. H. Cha, & C. J. Mason. 2024. Impact of larval food source on the stability of the *Bactrocera dorsalis* microbiome. *Microbial Ecology*, 87(1): 46.
- Landolt, P. J., & R. R. Heath. 1990. Effect of pheromone release rate and time of day on catches of male and female papaya fruit flies (Diptera: Tephritidae) on fruit traps baited with pheromone. *Journal of Economic Entomology*, 85: 2040–2043.
- Marchioro, C. A. 2016. Global potential distribution of *Bactrocera carambolae* and the risks for fruit production in Brazil. *PLoS ONE*, 11(11): e0166142.
- Mohamed, S., N. A. Adam, R. Muhamad, L. W. Hong, & H. Ahmad. 2017. Ovipositional preference of oriental fruit fly *Bactrocera dorsalis* Hendel (Diptera: Tephritidae) on mango (*Mangifera indica* L. cv. Chokanan). *Australian Journal of Basic and Applied Sciences*, 11(13): 14–19.
- Nasution, I. A., & A. N. Kuswadi. 2004. Perendaman telur, penggunaan suhu rendah dan aerasi untuk perbaikan pembiakan massal lalat buah *Bactrocera carambolae* (Drew & Hancock) dalam teknik serangga mandul. In: *Risalah Seminar Ilmiah Penelitian dan Pengembangan Aplikasi Isotop dan Radiasi, Pertanian, Peternakan, Industri, Hidrologi dan Lingkungan*, hlm. 123–128. Jakarta: Puslitbang Teknologi Isotop dan Radiasi.
- Nasution, I. A., & A. N. Kuswadi. 2012. Sterilitas lalat buah *Bactrocera papayae* dengan menggunakan iradiasi gamma dalam pengendalian dengan teknik serangga

mandul (TSM). Prosiding Simposium dan Pameran Teknologi Aplikasi Isotop dan Radiasi.

- Newman, J. D., K. Merkel, & A. R. Clarke. 2021. Size variation in wild *Bactrocera tryoni* (Diptera: Tephritidae): only a small amount is related to the host fruit. *Austral Entomology*, 60(4): 746–753.
- Nor, S. M., S. Mohamed, M. H. Sajili, & N. Ngah. 2018. Ovipositional behaviour preference of oriental fruit fly, *Bactrocera dorsalis* Hendel (Diptera: Tephritidae) on different host fruits. *Jurnal Agrobioteknologi*, 9(1S): 173–181.
- Pena, J. E., A. I. Mohyddin, & M. Wysoki. 1998. A review of the pest management situation in mango agroecosystem. *Phytoparasitica*, 26(2): 129–148.
- Pratyadhiraksana, G., T. M. P. Lestari, R. H. Murti, & Suputa. 2020. The potency of angle measurement and comparison of vein lengths in distinguishing *Bactrocera* species complexes. *Jurnal Hama dan Penyakit Tumbuhan Tropika*, 20(2): 92–99.
- Prokopy, R. J., & E. D. Owens. 1983. Visual detection of plants by herbivorous insects. *Annual Review of Entomology*, 28: 329–364.
- Putra, D. P., A. Hasyim, & Mardinus. 2006. Skrining tumbuhan atraktif terhadap lalat buah jantan *Bactrocera carambolae* D&H. *Biota Jurnal Ilmiah Ilmu-ilmu Hayati*, 11(30): 176–180.
- Rattanapun, W., W. Amornsak, & A. R. Clarke. 2009. *Bactrocera dorsalis* preference for and performance on two mango varieties at three stages of ripeness. *Entomologia Experimentalis et Applicata*, 131: 243–253.
- Reinwardt, C. G. C. 1825. *Novae plantarum species in horto botanico Bonnensi cultae*. In C. F. Hornschuch (Ed.), *Sylloge Plantarum Novarum*, vol. 2. Societate Regia Botanica, Regensburg.
- Robacker, D. C., A. M. Tarshis Moreno, J. A. Garcia, & R. A. Flath. 1990. A novel attractant for Mexican fruit fly, *Anastrepha ludens*, from fermented host fruit. *Journal of Chemical Ecology*, 16(10): 2489–2502.
- Rukmana, R. 1999. *Salak Prospek Agribisnis dan Teknik Usaha Tani*. Penerbit Kanisius, Yogyakarta.
- Salmah, M., A. N. Azura, M. Rita, L. W. Hong, & A. Hamdan. 2017. Ovipositional preference of oriental fruit fly *Bactrocera dorsalis* Hendel (Diptera: Tephritidae) on mango (*Mangifera indica* L. cv. Chokanan). *Australian Journal of Basic and Applied Sciences*, 11(13): 14–19.
- Santosa, B., & G. Suliana. 2010. Penentuan umur petik dan pelapisan lilin sebagai upaya menghambat kerusakan buah salak pondoh selama penyimpanan pada suhu ruang. *Buana Sains*, 10(1): 93–100.
- Setiawan, Y., F. A. Hamdoen, F. N. Muhammad, K. Hata, H. Tjaraghustarno, & J. Wang. 2024. Species composition of *Bactrocera* fruit flies (Diptera: Tephritidae) and their parasitoids on horticultural commodities in Batu City and Malang District, East Java, Indonesia. *Biodiversitas*, 25(1): 305–311.
- Seymour, G. B., J. E. Taylor, & G. A. Tucker. 1993. *Biochemistry of Fruit Ripening*. Springer, Dordrecht.
- Shelly, T. E. 2000. Effects of raspberry ketone on the mating success of male melon flies (Diptera: Tephritidae). *Proceedings of the Hawaiian Entomology Society*, 34: 163–167.
- Shelly, T. E., & K. Y. Kaneshiro. 1991. Lek behavior of the oriental fruit fly, *Dacus dorsalis*, in Hawaii (Diptera: Tephritidae). *Journal of Insect Behavior*, 4: 235–241.
- Sikandar, Z., M. B. S. Afzal, M. U. Qasim, A. Banazeer, A. Aziz, M. N. Khan, K. M. Mughal, & H. Tariq. 2017. Color preferences of fruit flies to methyl eugenol traps, population d and dominance of fruit fly species in citrus orchards of Sargodha, Pakistan. *Journal of Entomology and Zoology Studies*, 5(6): 2190–2194.

- Singer, M. C., D. Vasco, C. Parmesan, C. D. Thomas, & D. Ng. 1992. Distinguishing between 'preference' and 'motivation' in food choice: an example from insect oviposition. *Animal Behaviour*, 44: 463–471.
- Siwi, S. S., P. Hidayat, & Suputa. 2006. *Taksonomi dan Bioekologi Lalat Buah*. Balai Penelitian Tanaman Buah Tropika, Departemen Pertanian, Indonesia.