

DAFTAR PUSTAKA

- Aluja, M., D. Pérez-Staples, J. Sivinski, A. Sánchez, & J. Piñero. 2008. Effects of male condition on fitness in two tropical tephritid flies with contrasting life histories. *Animal Behaviour* 76(6): 1997-2009.
- Aluja, M., F. Diaz-Fleischer, D.R. Papaj, G. Lagunes, & J. Sivinski. 2001. Effects of age, diet, female density, and the host resource on egg load in *Anastrepha ludens* and *Anastrepha obliqua* (Diptera: Tephritidae). *Journal of Insect Physiology* 47: 975-988.
- Blay, S. & B. Yuval. 1997. Nutritional correlates of reproductive success of male Mediterranean fruit flies (Diptera: Tephritidae). *Animal Behaviour* 54(1): 59-66.
- Boller, E.F. 1968. An artificial oviposition device for the european cherry fruit fly, *Rhagoletis cerasi*. *Journal of Economic Entomology* 61(3): 850-852.
- Boller, E.F., B.I. Katsoyannos, U. Remund, & D.L. Chambers. 1981. Measuring, monitoring and improving the quality of mass-reared Mediterranean fruit flies, *Ceratitis capitata* Wiede. 1. The RAPID quality control system for early warning. *Zeitschrift für Angewandte Entomologie* 92: 67-83.
- Cárces, C., P. Rendón, & A. Jessup. 2012. The FAO/IAEA spreadsheet for designing and operating insect mass-rearing facilities. Procedures manual. FAO Plant Production and Protection Paper 205: 129-184.
- Cangussu, J.A. & F.S. Zucoloto. 1995. Self-selection and perception threshold in adult females of *Ceratitis capitata* (Diptera, Tephritidae). *Journal of Insect Physiology* 41(3): 223-227.
- Cayol, J.P. 2001. Changes in Sexual Behavior and Life History Traits of Tephritid Species Caused by Mass-Rearing Processes. In: M. Aluja & A.L. Norrbom (Eds.). *Fruit Flies (Tephritidae): Phylogeny and Evolution of Behavior*. CRC Press, Washington, D.C., p: 843-860.
- Celeconio-Hurtado, H., W. Enkerlin-Hoeflich, & D. Bruzzone. 1996. Preliminary studies for the colonization of *Anastrepha obliqua* and *Anastrepha suspentina* (Diptera: Tephritidae). In: *The South American fruit fly, Anastrepha fraterculus* (Wied.); Advance in artificial rearing, taxonomic status and biological studies. Proceedings of a Workshop organized by the joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture, Viña del Mar, Chile, p: 33-41.
- Chang, C.L. 2009. Evaluation of yeasts and yeast products in larval and adult diets for the oriental fruit fly, *Bactrocera dorsalis*, and adult diets for the medfly, *Ceratitis capitata*, and the melon fly, *Bactrocera cucurbitae*. *Journal of Insect Science* 9(23): 1-9.

- Chang, C.L., C. Caceres, & S. Ekesi. 2007. Life history parameters of *Ceratitis capitata* (Diptera: Tephritidae) reared on liquid diets. *Entomological Society of America* 100(6): 900-906.
- Chapman, R.F. 1998. *The Insects: Structure and Function*. 4th Edition. Cambridge University Press.
- Chou, M., R.F.L. Mau, E.B. Jang, R.I. Vargas, & J.C. Piñero. 2012. Morphological features of the ovaries during oogenesis of the Oriental fruit fly, *Bactrocera dorsalis*, in relation to the physiological state. *Journal of Insect Science* 12(144): 1-12.
- Cresoni-Pereira, C. & F.S. Zucoloto. 2001. Influence of quantities of brewer yeast on the performance of *Anastrepha obliqua* Wild females (Diptera, Tephritidae). *Iheringia Série Zoologia* 91: 53-60.
- Drew, R.A.I. 1987. Behavioural strategies of fruit flies of genus *Dacus* (Diptera: Tephritidae) significant in mating and host-plant relationships. *Bulletin of Entomological Research* 77: 73-81.
- Ekesi, S. & S.A. Mohamed. 2011. Mass rearing and quality control parameters for tephritid fruit flies of economic importance in Africa. In: I. Akyar (Eds.). *Wide Spectra of Quality Control*. InTech, China, p: 387-410.
- FAO. 2018. Fish meal. <<http://www.fao.org/wairdocs/tan/x5926e/x5926e01.htm>>. Diakses 29 Maret 2018.
- Fletcher, B.S. 1987. The biology of Dacine fruit flies. *Annual Reviews Entomology* 32: 115-144
- Fontellas, T.M. de L. & F.S. Zucoloto. 1999. Nutritive value of diets with different carbohydrates for adult *Anastrepha obliqua* (Macquart) (Diptera, Tephritidae). *Revista Brasileira de Zoologia* 16(4): 1135-1147.
- Greany, P.D., T.R. Ashley, R.M. Baranowski, & D.L. Chambers. 1976. Rearing and life history studies on *Biosteres (Opus) longicaudatus* (Hym.: Braconidae). *Entomophaga* 21(2): 207-215.
- Harahap, D.H. 2009. Pengaruh protein hidrolisat terhadap fekunditas betina dan viabilitas telur lalat buah *Bactrocera carambolae*. Fakultas Pertanian. Universitas Gadjah Mada. Yogyakarta. Skripsi.
- Harwood, J.F., K. Chen, H.G. Müller, J.L. Wang, R.I. Vargas, & J.R. Carey. 2013. Effects of diet and host access of fecundity and lifespan in two fruit fly species with different life-history patterns. *Physiological Entomology* 38: 81-88.

- Hendrichs, J., B.S. Fletchers, & R.J. Prokopy. 1993. Feeding behavior of *Rhagoletis pomonella* flies (Diptera: Tephritidae): effect of initial food quantity and quality on food foraging, handling costs, and bubbling. *Journal of Insect Behavior* 6(1): 43-64.
- Herrera, F., E. Miranda, E. Gómez, E. Presa-Parra, & R. Lassa. 2015. Comparison of hydrolyzed protein baits and various grape juice products as attractants for *Anastrepha* fruit flies. *Journal of Economic Entomology*, p: 1-6.
- Himawan, T., S. Karindah, & D. Hendrawan. 2012. Growth and development of *Bactrocera carambolae* Drew & Hancock (Diptera: Tephritidae) on three artificial diets. *Journal Tropical Plant Protection* 1(1): 14-21.
- Indriyanti, D.R. 2008. Ketertarikan *Bactrocera carambolae* (Diptera: Tephritidae) pada berbagai limbah yang mengandung protein. *Jurnal Perlindungan Tanaman Indonesia*, 14(2): 86-91.
- Jati, W.W. 2007. Repelensi enam macam ekstrak tumbuhan terhadap oviposisi *Bactrocera carambolae* (Diptera: Tephritidae). Fakultas Pertanian. Universitas Gadjah Mada. Skripsi.
- Kim, N., S.J. Hong, K.Y. Seol & S.H. Kim. 2008. Short daylengths accelerate nymphal development of the Emma field cricket, *Teleogryllus emma* (Orthoptera: Gryllidae). *Journal of Asia-Pacific Entomology*, 11: 13-15.
- Landolt, P.J. 1994. Mating frequency of the papaya fruit fly (Diptera: Tephritidae) with and without host fruit. *Florida Entomological Society* 77(3): 305-312.
- Lloyd, A. & R.A.I. Drew. 1996. Modification and testing of brewery waste yeast as a protein source for fruit fly bait. In: A.J. Allwood & R.A.I. Drew (Eds.). *Management of Fruit Flies in the Pacific*. ACIAR Proceeding, Nadi, Fiji, 76: 192-198.
- Lloyd, A.C., R.A.I. Drew, D.S. Teakle, & A.C. Hayward. 1986. Bacteria associated with some *Dacus* species (Diptera: Tephritidae) and their host fruit in Queensland. *Australian Journal of Biological Sciences* 39: 361-368.
- Lopez, J.L.Z., J. D. Gordillo., Y. Gomez, & P. Moreno. 1996. Mass rearing of the Mexican fruit fly, *Anastrepha ludens*, at the fruit flies biofactory in Metapa de Dominguez, Chiapas, Mexico. In: *The South American fruit fly, *Anastrepha fraterculus* (Wied.); Advance in artificial rearing, taxonomic status and biological studies*. Proceedings of a Workshop organized by the joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture, Viña del Mar, Chile, p: 43-51.
- Manninen, A.H. 2004. Protein hydrolysates in sports and exercise: a brief review. *Journal of Sports Science and Medicine* 3: 60-63. Review Article.

- Manrakhan, A. & S.A. Lux. 2006. Contribution of natural food sources to reproductive behaviour, fecundity and longevity of *Ceratitis cosyra*, *C. fasciventris* and *C. capitata* (Diptera: Tephritidae). *Bulletin of Entomological Research* 96: 259-268.
- Marucci, P.E. & D.W. Clancy. 1950. The artificial culture of fruit flies and their parasites. *Proceedings of the Hawaiian Entomologica Society* 14(1): 163-166.
- Mizrahi, S. G. Zimmermann, Z. Berk, & U. Cogan. 1967. The use of isolated soybean proteins in bread. <http://www.aaccnet.org/publications/cc/backissues/1967/Documents/Chem/44_193.pdf>. Diakses 24 Juli 2017.
- Morelli, R., K.Z. Costa, K.M. Fagioni, M. de L.Z. Costa, A.S.D. Nascimento, R.M. de A. Pimentel, & J.M.M. Walder. 2012. New protein sources in adults diet for mass-rearing of *Anastrepha fraterculus* (Diptera: Tephritidae). *Brazilian Archives of Biology and Technology, An International Journal* 55(6): 827-833.
- Neilson, W.T.A. & J.W. McAllan. 1965. Effects of mating on fecundity of the apple maggot, *Rhagoletis pomonella* (Walsh). *The Canadian Entomologist* 97: 276-279.
- Nigg, H.N., R.A. Schumann, R.J. Stuart, E. Etxeberria, J.J. Yang, & S. Fraser. 2006. Consumption of sugars by *Anastrepha suspensa* (Diptera: Tephritidae). *Annals of the Entomological Society of America* 99(6): 1139-1145.
- Perez-Staples, D., V. Prabhu, & P.W. Taylor. 2007. Post-teneral protein feeding enhances sexual performance of Queensland fruit flies. *Physiological Entomology* 32: 225-232.
- Plácido-Silva, M.D.C., F.S. Zucoloto, & I.S. Joachim-Bravo. 2005. Influence of protein on feeding behavior of *Ceratitis capitata* Wiedemann (Diptera: Tephritidae): comparison between immature males and females. *Neotropical Entomology* 34(4): 539-545.
- Plácido-Silva, M.D.C., A.M. da S. Neto, F.S. Zucoloto, & I.S. Joachim-Bravo. 2006. Effects of different protein concentrations on longevity and feeding behavior of two adult populations of *Ceratitis capitata* Wiedemann (Diptera: Tephritidae). *Neotropical Entomology* 35(6): 747-752.
- Plant Health Australia. 2016. *The Australian Handbook for the Identification of Fruit Flies*. Version 2.1. Plant Health Australia. Canberra, ACT.
- Prokopy, R.J. 1966. Artificial oviposition devices for apple maggot. *Journal of Economic Entomology* 59(1): 231-232.

- Prokopy, R.J., B.D. Roitberg, & R.I. Vargas. 1994. Effect of egg load on finding and acceptance of host fruit in *Ceratitis capitata* flies. *Physiological Entomology* 19: 124-132.
- Raghu, S., P. Halcoop, & R.A. Drew. 2003. Apodeme and ovarian development as predictors of physiological status in *Bactrocera cacuminata* (Hering) (Diptera: Tephritidae). *Australian Journal of Entomology* 42: 281-286.
- Ramadhanti, P. 2009. Pertumbuhan dan perkembangan lalat buah *Bactrocera carambolae* pada pakan buatan. Fakultas Pertanian. Universitas Gadjah Mada. Yogyakarta. Skripsi.
- Schroeder, W.J., R.Y. Miyabara, & D.L. Chambers. 1972. Protein products for rearing three species of larval Tephritidae. *Journal of Economic Entomology* 65(4): 969-972.
- Sharp, J.L., & D.L. Chambers. 1984. Consumption of carbohydrates, proteins, and amino acids by *Anastrepha suspensa* (Loew) (Diptera: Tephritidae) in the laboratory. *Environmental Entomology* 13(3): 768-773.
- Shelly, T.E. 2000. Fecundity of female oriental fruit flies (Diptera: Tephritidae): effect of methyl eugenol-fed and multiple mates. *Annals of the Entomological Society of America* 93(3): 559-564.
- Sitompul, S. 2004. Analisis asam amino dalam tepung ikan dan bungkil kedelai. *Buletin Teknik Pertanian* 9(1): 33-37.
- Sumarno, S. Noegrohati, Narsito, & I.I. Falah. 2002. Estimasi kadar protein dalam bahan pangan melalui analisis nitrogen total dan analisis asam amino. *Majalah Farmasi Indonesia* 13(1): 34-43.
- Tsiropoulos, G.J. 1980. Carbohydrat utilization by normal and gamma-sterilized *Dacus oleae*. *Journal Insect Physiology* 26:633-637.
- Tsatsia, F. & R.G. Hollingsworth. 1996. Rearing techniques for *Dacus solomonensis* and *Bactrocera cucurbitae* in Solomon Islands. In: A.J. Allwood & R.A.I. Drew. (Eds.). *Management of Fruit Flies in the Pacific*. ACIAR Proceeding, Nadi, Fiji, 76: 157-160.
- Vargas, R.I., S. Mitchell, B. Fujita, & C. Albrecht. 1990. Rearing techniques for *Dacus latifrons* (Hendel) (Diptera: Tephritidae). *Proceedings of the Hawaiian Entomologica Society* 30: 71-78.
- Walker, G.P., E.T. Vueti, E.L. Hamacek, & A.J. Allwood. 1996. Laboratory-rearing techniques for tephritid fruit flies in the South Pacific. In: A.J. Allwood & R.A.I. Drew (Eds.). *Management of Fruit Flies in the Pacific*. ACIAR Proceeding, Nadi, Fiji, 76: 145-152.

- Wei, D., R. Li, M. Zhang, Y. Liu, Z. Zhang, G. Smaghe & J. Wang. 2017. Comparative proteomic profiling reveals molecular characteristics associated with oogenesis and oocyte maturation during ovarian development of *Bactrocera dorsalis* (Hendel). *International Journal of Molecular Sciences* 18: 1-23.
- Wong, L.C. & P. Schedl. 2006. Dissection of drosophila ovaries. *Journal of Visualized Experiments* 6: 1. <<http://www.jove.com/index/Details.stp?ID=52>>. Diakses 4 Mei 2017.
- Yee, W.L. 2010. Yeast Extract: sucrose ratio effects on egg load, survival, and mortality caused by GF-120 in western cherry fruit fly (Diptera: Tephritidae). *Florida Entomologist* 93(3): 422-431.