

PUSTAKA ACUAN

- Aguila, J. R., Suszko, J., Gibbs, A. G., and Hoshizaki, D. K. 2007. The role of larval fat cells in adult *Drosophila melanogaster*. *Journal of Experimental Biology*. 210 (6): 956-963.
- Bailey, J. 2004. The Fact on File Dictinory of Ecology and the Environment. *Fact on File, Inc.* New York. p. 214.
- Bassam, N.E.I. 2010. *Handbook of Bioenergy Crops: A Complete Reference to Species, Development and Applications*. Eatrsan. London. P. 124.
- Birben, E., Sahiner, U. M., Sackesan, C., Erzurum, S., and Kalayci, O. 2012. Oxidative Stress and Antioxidant Defense. *Word Allergy Organization Journal*. 5(1): 9-19.
- Brennan, P., C. Fedor, et al. (1988). "Sunlight, UV and accelerated weathering." *Paint and Resin* 58: 17.
- Butterworth F.M, Emerson L, and Rasch E.M. 1988. Maturation and degeneration of the fat body in the *Drosophila* larva and pupa as revealed by morphometric analysis. *Tissue Cell*. 20: 255-268.
- Cahyono, B. 2009. *Pisang Usaha dan Penanganan Pascapanen*. Kanisius. Yogyakarta. P. 14; 16.
- Chen, et al. (2012). Graphene Oxide: Preparation, Functionalization, and Electrochemical Application. *Chemical Review*, 112, 6027-6053.
- Chumaisiah, N.2002. Pengaruh Inbreeding Terhadap Viabilitas dan Fenotip Lalat Buah (*Drosophila melanogaster* M.) Tipe Liar dan Strain Sepia. Skripsi. Jember: FKIP UNEJ Jurusan Biologi.
- Czeizel A., AM Kelleler, J Linieeki, K Sankanarayanan, G Silini and FD Sowby. 1992. Genetic and Somatic Effect of Ionizing Radiation. United Nations Scientific Committe on the Effect of Atomic Radiation. Pp 8-40.
- Daniel, S., Jorje, O., Marcela, L., Francisco, N., Sylvain, M., Nelson, O., & Juan, P, H., 2013. The vitamin C transporter SVCT2 is down regulated during postnatal development of slow skeletal muscles. *Histochemistry and cell Biology*, 139(6).

- De Jager, T.L., Cockrell, A. E., and Du Plessis, S. S. 2017. *Ultraviolet Light Induced Generation of Reactive Oxygen Species*. Springer International Publishing. Tygerberg. pp. 15-23.
- Dick, D. M. 2011. Gene-Environment Interaction in Psychological Traits and Disorders. *Annu Rev Clin Psychol*, (7): 383-409.
- Egna, H.S and Boyd, C.E. 1997. *Dynamics of Pond Aquaculture*. CRC Press. Boca Raton. p. 234.
- Ellong, E. N., Billard, C., Adenet, S., dan Rochefort, K. 2015. *Polyphenols, Carotenoids, Vitamin C Content in Tropical Fruits and Vegetables and Impact of Processing Methods*.
- Fauzi, A., Ramadani, S.D. and Sukmawati, I. 2017. The Consistency of Sex Ratio of *Drosophila melanogaster* (Meigen) in Different Physical Environment Condition. *Proceeding of International Conference on Green Technology*. 8(1): 176-179.
- Febrianti N., Yunianto I., dan Dhaniaputri R., 2015. Kandungan Antioksidan dan Asam Askorbat pada Jus Buah-buahan Tropis. *Jurnal BIOEDUKATIKA* Vol. 3 No. 1.
- Golding J.B, Mc Glasson W.B, Wyllie S.G and Leach D.N. 2001. Fate of apple peel phenolics during cold storage. *J Agric Food Chem*. 49 (5): 2283– 2289.
- Gong., X. 2009. Mutagenic of UV Exposure on Metabolic Activity of Fruit Flies (*Drosophila melanogaster*). Departemen of Biological Sciences Saddleback College. P. 1.
- Gullan P. J., and P. S. Cranston. 2005. *The Insects An Outline of Entomology*. Blacwellsci. California.
- Hartanti S. 1998. Studi Kecepatan Kawin, Lama Kopulasi dan Jumlah Turunan *Drosophila melanogaster* Strain black dan sepi pada Umur 2 dan 3 Hari. *Disertasi*, Malang. Universitas Negri Malang.
- Helrich, Kenneth. 1990. *Official Methods Of Analysis Of Association Of Official Analytical Chemist Volume Two*. USA: Association Of Official Analytical.
- Hodson, A.C., dan Chiang, H.C. 1948. An Analytical Study of Population Groth in *Drosophila melanogaster*. *Scientific Journal Series*. 20(3): 176-177.

- Indayati, N. 1999. Pengaruh Umur Betina dan Macam Strain Jantan Terhadap Keberhasilan Kawin Kembali Individu Betina *D. melanogaster*. Skripsi. Tidak Diterbitkan. Malang: FPMIPA IKIP Malang.
- Jensen, D., Overgaard, J., and Sørensen, J. G. 2007. The influence of developmental stage on cold shock resistance and ability to cold-harden in *Drosophila melanogaster*. *Journal of Insect Physiology*. 53(2). 179–186.
- Juzeniene, A., and Moan J. 2012. Beneficial effects of UV radiation other than via vitamin D production. *Dermatoendocrinol*. 4(2): 109.
- Karmana, I. Wayan. 2010. Pengaruh macam strain dan umur betina terhadap jumlah turunan lalat buah (*Drosophila melanogaster*) dalam Jurnal GaneÇ Swara Vol. 4 No.2, September 2010.
- Koutchma, T., L. J. Forney, et al. (2010). Ultraviolet light in food technology: principles and applications, CRC Press.
- Kumalaningsih S. 2007. *Antioksidan Alami*. Trubus Agrisarana. Surabaya. 112 p.
- Langseth, L. 1995. Oxidants, antioxidants and disease prevention. *International Life Sciences Institute*. Europe. pp. 7-17.
- Łata, B., Trąmpczyńska, A. and Oleś, M. 2005. Antioxidant content in the fruit peel, flesh and seeds. *Folia Horticulturae*. 17(1): 47-60.
- Lee, H. S., & Coates, G. A. (1999). Vitamin C in frozen, fresh squeezed, unpasteurized, polyethylene-bottled orange juice: a storage study. *Food Chemistry*, 65, 165–168.
- Lobo, V., Patil, A., Phatak, A., and Chandra, N. 2010. Free radicals, antioxidants and functional foods: Impact on human health. *Pharmacognosy Reviews*. 4(8): 119.
- Margaritelis N. V., Cobley J. N., Paschalis V., Veskoukis A. S., Theodorou A. A., Kyparos A., et al. (2016). Principles for integrating reactive species into in vivo biological processes: examples from exercise physiology. 28 256–271.
- Michener, C. D., and S. Boongird. 2004. *A new species of Trigona from Peninsular Thailand (Hymenoptera: Apidae: Meliponini)*. Kansas: *J the Kan Entomol Soc* 77: 143-146.

- Milkman, Roger. 1965. The genetic basis of natural variation. viii. synthesis of cue polygeni combinations from laboratory strains of *Drosophila melanogaster*. Department of Zoology, Syracuse University, Syracuse, New York.
- Mulyati, M. A. S., (1985). Pengaruh silang dalam terhadap heritabilitas dan keragaman lebar thorax, jumlah bulu sternopleural dan jumlah anak pada lalat buah. Skripsi. Fakultas Peternakan Institut Pertanian Bogor, Bogor.
- Nagy, S., 1980. Vitamin C contents of citrus fruit and their products. *A review. J. Agric. Food Chem.* 28: 8-18.
- Oktary AP. Ridwan M. Dan Armi. 2015. Ekstrak Daun Kirinyuh (*Eupatorium odoratum*) dan Lalat Buah (*Drosophila melanogaster*). *Serambi Akademica*. 3 (2):335-342.
- Padayatty, S.J., Daruwala, R. Wang Y., Eck, P.K. song, J. Koh, W.S., and Levine, M. 2002. Vitamin C. From Molecular Actions to Optimim Intake, In: Cadenas, E dan L. Packer. *Handbook of Antioxidant*. Marcell Dekker. Inc; New York.
- Padayatty, S.J., Katz, A., Wang, Y., Eck, P. and Kwon, O., Lee, J.H., Chen, S., Corpe, C., Dutta, A., Dutta, S.K and Levine, M. 2003. Vitamin C as an antioxidant: Evaluation of its role in disease prevention. *J. Am. Coll. Nutr.* 22: 18-35.
- Poljsak, B., Šuput, D and Milisav, I. 2013. Achieving the Balance between ROS and Antioxidants: When to Use the Synthetic Antioxidants. *Oxidative Medicine and Cellular Longevity*. 1–11.
- Pracaya, Ir., 2000. Jeruk Manis Varietas, Budidaya, dan Pasca Panen. Cetakan VIII. Penebar Swadaya. Jakarta.
- Price, P.W. 1997. *Insect Ecology*. John Wiley & Sons, Inc., New York. 784 p.
- Riddiford, L.M. 1993. *Hormones and Drosophila development. In The Development of Drosophila*. Vol. 2 (ed. Bate, M. and Arias, A. M.). Spring Harbor Laboratory Press. New York. pp. 899–939.
- Robert.J. Brokers. 2005. Genetic Analysis dan Principles. Third Edition Mc Grow. Hill International edition.
- Rodriguez, L., Sokolowski, M. B. and Shore, J. S. 1992. Habitat selection by *Drosophila melanogaster* larvae. *J Evol Biol.* 5:61–70.

- Rukmana. 2005. Jeruk Besar Potensi dan Prospeknya. Kanisius. Yogyakarta. Silalahi J. 2006. Makanan Fungsional. Yogyakarta: Kanisius. h.118-24.
- Ruxton, C., Gardner, E., and Walker, D. 2006. Can pure fruit and vegetable juices protect against cancer and cardiovascular disease too A review of the evidence. *International Journal of Food Science and Nutrition*. 57: 249–272.
- Sari, R.T. 2016. Feeding Strategy *Drosophila Melanogaster* Terhadap Ekstrak Averhoa Carambolla. *Jurnal Pendidikan Matematika dan IPA*. 7(1): 35-44.
- Seregeg, GW. 2005. Pengaruh Suhu Lingkungan Tropis terhadap Penentuan Jenis Kelamin *Drosophila Berk Penel. Hayati*. 11(1): 55-59
- Sinclair, W. B. (1961). The orange. Its biochemistry and physiology (p. 435). Berkeley California: University of California Press.
- Sinnot EW, Dunn LC, dan Dobzhansky, 1958. Principles of Genetics, McGraw-Hill, New York. 303-314.
- Sisunandar. 2014. Penuntun Praktikum Genetika. UM, Purwokerto.
- Skalski, R.S, Ryding, K.E and Millspaugh, J.J. 2005. *Wildlife Demography: Analysis of Sex, Age, and Count Data*. Elsevier Academic Press. Burlington. p. 49.
- Sofyan R., Sumpena Y., Syarif R., Adiyati I., 2007. Genetic Effect of Gamma Irradiation on Male Fruit Fly (*Drosophila melanogaster* Meig). 8(4); 263-269.
- Stine, Gerald.J. 1991. Laboratory exercise in genetics. Department Of Natural Sciences. New York. Universitas of North Florida.
- Strickberger, M.W. 1990. *Genetics*. Macmillan. New York. 19:222,164–165.
- Taylor, B.J, Villela, A, Reynen, L.C, Baker, B.S. and Hall, J.C. 1994. Behavioral and neurobiological implication of sex-determination factors in *Drosophila*. *Developmental Genetics*. 15(3): 275–296.
- Topuz A, Topakci M, Canakci M, Akinci I, Ozdemir F. 2005. Physical and nutritional. *Journal of Food Engineering*. 66 (1): 519.
- Wang Ye Cheng. Shu Kun Zhang, Xiu Bei Ren & Jianya Su. 2014. Effects of dietary additives in artificial diets on survival and larval development of *Cnaphalocrocis medinalis* (Lepidoptera: Crambidae). *Florida entomologist* 97(3): 1041-1048.

- Widya D.K. 2010. Pengaruh Jeda Waktu Kawin Kembali (6, 12, 18, 24, 30, dan 36 jam) dan Macam Strain terhadap Keberhasilan Kawin Kembali Individu Betina *Drosophila melanogaster* strain ro, b, dan dp. *Disertasi*. Malang. Universitas Negri Malang.
- Wijaya, I.P.N. 2014. Kinetika perubahan konsentrasi asam askorbat (vitamin C) pada buah mangga podang selama penyimpanan Jurnal Online Universitas Kadiri.
- Winarno, F.G. 2004. *Kimia Pangan dan Gizi*. PT. Gramedia Pustaka Utama, Jakarta. pp. 131-133.
- Wiyono, H. T. (1986). Studi mengenai pentingnya lalat buah *drosophila melanogaster* sebagai bahan praktikum genetika di SMA. Tesis. Fakultas Pasca sarjana Institut Keguruan dan Ilmu Pendidikan, Malang.
- Zheng W., and Wang, S.Y., 2009. Antioxidant Activity and Phenolic Compounds in Selected Herbs. *J. Agric. Food Chem.*, 49(11): 5165.