DAFTAR PUSTAKA

Avery, P. B., Queeley, G. L., Faull, J., Simmonds, M. S. J. (2010). Effect of Photoperiod and Host Distribution on The Horizontal Transmission of *Isaria fumosorosea* (Hypocreales: Cordycipitaceae) in Greenhouse Whitefly Assessed Using a Novel Model Bioassay. *Biocontrol Science and Technology*, 20 (10): 1097-1111.

Barita, E. B. B. (2018). Uji Efektivitas Beberapa Jenis Ekstrak Daun Tanaman terhadap Populasi Hama Ulat Krop Kubis *Crocidolomia pavonana* F. (Lepidoptera: Pyralidae) di Lapang. *E-Jurnal Agroekoteknologi Tropika*, 7(4): 467-477.

Bayu, M. S. Y. I., Yusmani, P., dan Sri. W. I. (2021). *Beauveria bassiana*: Biopestisida Ramah Lingkungandan Efektif untuk Mengendalikan Hama dan Penyakit Tanaman. *Buletin Palawija* 19(1): 41-63.

Bravo, A., Gill, S. S., dan Soberon, M. (2007). Mode of Action of *Bacillus thuringiensis* Cry and Cyt Toxina and Their Potential for Insect Control. *Toxicon* 49(4): 423-435.

Carruthers, R. I., Larkin, T. S., Firstencel, H., dan Feng, Z. (1992). Influence Of Thermal Ecology On The Mycosis Of A Rangeland Grasshopper. *Ecology*, 73(1): 190-204.

Chen, N. dan Wang, S. X. (2013). Review of the genus *Crocidolomia* Zeller,1852 from China (Lepidoptera: Crambidae). *SHILAP Revta. lepid*., 41(163): 357-364.

Chen, Y., Evans, J., dan Feldlaufer, M. (2006). Horizontal and Vertical Transmission of Viruses in The Honey Bee, *Apis mellifera*. *Journal of Invertebrate Pathology* 92: 152–159.

Clayton, D. H., Tompkins, D. M. (1994). Ectoparasite Virulence Is Linked To Mode Of Transmission. *Proc. Roy. Soc. Lon. B*, 256: 211–217.

Darmawan, E. (2016). Eksplorasi Jamur Entomopatogen *Beauveria bassiana*, *Metarrhizium anisopliae*, dan Jamur Antagonis *Trichoderma* sp Pada Beberapa Sampel Tanah Pertanaman Tembakau. Universitas Jember.

Devara, M. (2016). Perilaku Kawin Ngengat *Crocidolomia pavonana* F. Universitas Jember.

Ewald, P. W. (1994). Evolution of Infectious Diseases. Oxford University Press

Fernandez, E., dan Fitt, B. D. L. (1993). Dispersal of the Enthomopathogen *Hirsutella cryptosclerotium* by Simulated Rain. *Journal of Invertebrate Pathology* 61: 39-43.

Flawerina, G. (2021). Penggunaan Cendawan Entomopatogen *Beauveria bassiana* (Balsamo) Vuill. Untuk Pengendalian *Bemisia tabaci* (Gennadius) (Hemiptera: Aleyrodidae) Pada Tanaman Tomat. Universitas Andalas.

Gayathri, G., Chellaprabha, B., dan Puthamohan, V. M., dan Thangavel, K. (2010). Larvicidal potential of *Beauveria bassiana* (Balsamo) Vuillemin and *Paecilomyces fumosoroseus* (Wize,) Brown and Smith on *Culex quinquefasciatus* (Say). *Journal of Biopesticides* 3(1): 147-151.

Ghandjar, I., dan Wellyzar, S. (2006). *Mikologi: Dasar dan Terapan*. Yayasan Obor Indonesia.

Ginting, S. B., Nadrawati, dan Tri, S. (2014). Pengendalian *Diaphorina citri* Kuwayama Vektor Penyakit CVPD Pada Tanaman Jeruk Dengan Cendawan Entomopatogen Isolat Lokal Bengkulu. Universitas Bengkulu.

Gouli, V., Gouli, S., dan Kim, J. S. (2014). Production of *Beauveria bassiana* Air Conidia by Means of Optimization of Biphasic System Technology. *Brazilian Archives of Biology and Technology*, *57*(4): 571–577.

Grayson, C., Brown, dan Nordin, G. L. (1982). An Epizootic Model Of An Insect-Fungal Pathogen System. *Bulletin of Mathematical Biology*, 44(5): 731-739.

Hansen, L. S., dan Steenberg, T. (2007). Combining larval parasitoids and an entomopathogenic fungus for biological control of *Sitophilus granarius* (Coleoptera: Curculionidae) in stored grain. *Biological Control*, 40(2): 237–242.

Hendra, Y., Trizelia, dan Syahrawati, M. (2022). Virulensi Empat Isolat *Beauveria bassiana* Bals. Vuill Terhadap Wereng Batang Coklat (*Nilaparvata lugens* Stall.). *Jurnal Pertanian Agros*, 24(2): 552-558

Indriyati. (2009). Virulensi Jamur Entomopatogen *Beauveria bassiana* (Balsamo) Vuillemin (Deuteromycotina: Hyphomycetes) Terhadap Kutu daun (*Aphis* Spp.) Dan Kepik Hijau (*Nezara viridula*). *J. HPT*, 9(2): 92-98.

Inglis, G. D., Goettel, M. S., Butt, H., dan Strasser, T. M. 2001. Use of hyphomycetous fungi for managing insect pests. In: Butt TM, Jackson CW, & Magan N. (Eds.). *Fungi as Biocontrol Agents, Progress, Problems and Potential*. pp. 23-69. London: CABI Publishing.

Kaakeh, W., Reid, B. L., Bohnert, T. J., dan Bennett, G. (1996). Horizontal Transmission of The Entomopathogenic Fungus *Metarhizium anisopliae* (Imperfect Fungi: Hyphomycetes) and Hydramethylnon Among German Cockroaches (Dictyoptera: Blatellidae). *J. Entomol*. Sci. 31: 378-390

Kannan, M., Vijayaraghavan, C., Jayaprakash, S. A., dan Uthamsamy, S. (2011). Studies on The Biology and Toxicity of Newer Insecticide Molecules on Cabbagehead Caterpillar, *Crocidolomia binotalis* (Zeller) (Lepidoptera: Pyralidae) in India. *AVRDC - The World Vegetable Center*.31-37

Long, D. W., Groden, E., dan Drummond, F. A. (2000). Horizontal Transmission of *Beauveria bassiana* (Balls.) Vuill. *Agricultural and Forest Entomology*. 2: 11-17.

Lopes, R. B., Filho, M. M., Tigano, M. S., Neves, P. M. O. J., Lopez, E. L., Fancelli, M., Silva, J. P. D., (2011). Virulence and Horizontal Transmission of Selected Brazilian Strains of *Beauveria bassiana* Against Cosmopolites Sordidus Under Laboratory Conditions. *Bulletin of Insectology*. 64 (2): 201-208.

Luz, C., dan Fargues, J. (1998). Factors Affecting Conidial Production of *Beauveria bassiana* from Fungus-Killed Cadavers of *Rhodnius prolixus*. *Journal Of Invertebrate Pathology* 72: 97–10.

Masyitah, I., Suzanna, F. S., dan Irda, S. (2017). Potensi Jamur Entomopatogen untuk Mengendalikan Ulat Grayak *Spodoptera litura* F. pada Tanaman Tembakau *In Vivo*. *Jurnal Agroekoteknologi*, 5(3): 484-493.

Mkiga, A. M., Mohamed, S. A., Duplessis, H., Khamis, F. M., Akutse, K. S., Ekesi, S., dan Bruck, D. (2020). *Metarhizium anisopliae* and *Beauveria bassiana*: Pathogenicity, Horizontal Transmission, and Their Effects on Reproductive Potential of *Thaumatotibia leucotreta* (Lepidoptera: Tortricidae). *Journal of Economic Entomology*, 113(2): 660–668.

Moraga, E. Q., Santos, Q. R., Valverde, G. P., dan Santiago, A. C. (2004). Virulence, Horizontal Transmission, and Sublethal Reproductive Effects of *Metarhizium anisopliae* (Anamorphic fungi) on The German Cockroach (Blattodea: Blattellidae). *Journal of Invertebrate Pathology*, 87(1): 51–58.

Moraga, E. Q., Cristina, L. D., Blanca, B. L. (2014). The Hidden Habit of the Entomopathogenic Fungus *Beauveria bassiana*: First Demonstration of Vertical Plant Transmission. Plos One, 9(2): 1-6.

Myers, P., Espinosa, R., Parr, C. S., Jones, T., Hammond, G. S., dan Dewey, T. A. (2020). The Animal Diversity Web. https://animaldiversity.org/ diakses 22 Februari 2023.

Perreau, J., Devki J. P., Hanna, A., Gerald, P. M., Katherine, M. E., Jeffrey, E. B., Nancy, A. M. (2021). Vertical Transmission at the Pathogen-Symbiont Interface: Serratia symbiotica and Aphids. *Research Article*. 12(2): 1-14.

Rikardo, K., Solikhin, dan Nur, Y. (2018). Toksisitas Ekstrak Biji Pinang (*Areca catechu* L.) Terhadap Ulat Krop Kubis (*Crocidolomia pavonana* F.) Di Laboratorium. *Jurnal Agrotek Tropika*, 6(1): 44-49.

Sastrosiswojo, S., Uhan, T. S., dan Sutarya, R. (2005). *Penerapan Teknologi PHT Pada Tanaman Kubis*. Balai Penelitian Tanaman Sayuran.

Scott, M. E., dan Smith, G. (1994). Parasitic and Infectious Diseases: Epidemiology and Ecology. International *Journal for Parasitology*, 25(8): 1005-1006.

Setiawan, S. (2011). Nilai Ekonomi Penggunaan *Trichoderma harzianum* Dalam Pengelolaan Penyakit Akar Gada (*Plasmodiophora brassicae* Wor.) Pada Sayuran Kubis-Kubisan Di Daerah Puncak, Cinajur. Institut Pertanian Bogor.

Soetopo, D., dan Igaa, I. (2007). Status Teknologi dan Prospek *Beauveria bassiana* Untuk Pengendalian Serangga Hama Tanaman Perkebunan Yang Ramah Lingkungan. *Perspektif*, 6(1): 29-46.

Subramanian, C., dan Punamalai, G. (2013). Optimization Process for Blastospore Production of *Beauveria bassiana* isolates in Poly Ethylene Glycol (peg) Supplemented Medium. *Int. J. Curr. Microbiol. App. Sci*, 2(11): 114-122.

Svedese, V. M., Lima, E. A. L. A., dan Porto, A. L. F. (2013). Horizontal Transmission and Effect of the Temperature in Pathogenicity of *Beauveria bassiana* Against *Diatraea saccharalis* (Lepidoptera: Crambidae). *Braz. Arch. Biol. Technol*. 56(3): 413-419.

Toledo, J., Sergio, E. C., Salvador, F., Pablo, L., Juan, F. B., Antonio, V., dan Pablo, M. (2007). Horizontal Transmission of *Beauveria bassiana* in *Anastrepha ludens* (Diptera: Tephritidae) Under Laboratory and Field Cage Conditions. *Journal Of Economic Entomology* 100(2): 291-297.

Trizelia, dan Nurdin, F. (2010). Virulence Of Entomopathogenic Fungus *Beauveria bassiana* Isolates To *Crocidolomia pavonana* F (Lepidoptera: Crambidae). *Agrivita Volume*, 32(3): 253-261.

Trizelia, Santoso, T., Sosromarsono, S., Rauf, A., dan Sudirman, L., I. (2007). Patogenisitas Jabasmur Entomopatogen *Beauveria bassiana* (Deuteromycotina: Hyphomycetes) Terhadap Telur *Crocidolomia pavonana* (Lepidoptera: Pyralidae*). Jurnal Penelitian dan Informasi Pertanian Agrin*, 11(1): 52-59.

Turell, M., J. (1988). *The Arboviruses: Horizontal and Vertical Transmission of Viruses by Insect and Tick Vectors*. CRC Press

Uhan. T. S., dan Sulastrini, I. (2008). Efektivitas Aplikasi Kombinasi *Steinernema carpocapsaedan* Biopestisida *Bacillus thuringiensis* terhadap Mortalitas *Crocidolomia pavonana* F. pada Tanaman Kubis di Rumah Kaca. *J. Hort*, 18(1):38-45.

Wahyono, E. T. (2006). Pemanfaatan jamur entomopatogen dalam penanggulangan Helopeltis antonii dan akibat serangannya pada tanaman Jambu Mente. *Buletin Teknik Pertanian*.11 (1): 17-22.

Wahyudi, P. (2008). Enkapsulasi Propagul Jamur Entomopatogen *Beauveria bassiana* Menggunakan Alginat dan Pati Jagung sebagai Produk Mikoinsektisida. *Jurnal Ilmu Kefarmasian Indonesia*, 6(2): 51-56.

Wijaya, I. N., Wirawan, I. G. P., dan Adiartayasa, W. (2018). Uji Efektivitas Beberapa Konsentrasi Ekstrak Daun Kirinyuh (*Chromolaena odorata* L.) Terhadap Perkembangan Ulat Krop Kubis (*Crocidolomia pavonana* F.). *Agrotrop*, 8(1): 11-19.