



DAFTAR PUSTAKA

- Anonymous. 2010a. *Buku Pintar Budi Daya Kakao*. AgroMedia Pustaka. Jakarta. 134p.
- Anonymous. 2010b. Special Bulletin on Tea Mosquito Bug *Helopeltis theivora* Waterhouse. Bulletin No. PP/01/2010. Tea Research Association, Plant Protection Division. Assam. West Bengal.
- Anonymous. 2015a. *Statistik Indonesia 2015*. Badan Pusat Statistik. Jakarta. 233-237p.
- Anonymous. 2015b. *Kulon Progo dalam Angka 2015*. BPS Kabupaten Kulon Progo. Yogyakarta. 15-18p.
- Arnawa. G., Suharman, M. J. Sianturi, B. Lesmana, and M. Syahrir. 2012. *Penerapan Budidaya Terbaik Tanaman Kakao*. SCPP – Swisscontact. Medan. 42p.
- Barker, G. M. 2004. *Natural Enemies of Terrestrial Molluscs*. CABI Publishing. UK. 483-485p.
- Barthakur, B. K. 2011. Recent Approach of Tocklai to Plant Protection in Tea in North East India. *Science Culture*. 77: 381-384.
- Bhat, P. S., K. K. Srikumar, T. N. Raviprasad, K. Vanitha, K. B. Rebijith, and R. Asokan. 2013. Biology, Behavior, Functional Response, and Molecular Characterization of *Rihirbus trochantericus* Stal Var. Luteous (Hemiptera: Reduviidae: Harpactorinae) a Potential Predator of *Helopeltis spp.* (Hemiptera: Miridae). *Entomological News*. 123: 264-277.
- Bhuyan, M. and P. R. Bhattacharyya. 2006. Feeding and Oviposition Preference of *Helopeltis theivora* (Hemiptera: Miridae) on Tea in Northeast India. *Insect Science*. 13: 485-488.
- Bolton, B. 1994. *Identification Guide to the Ant Genera of the World*. Harvard College. USA. 22-34p, 42-68p, 75-151p, 153-183p.
- Borah, T., A. Rahman, M. Borthakur, and B. K. Barthakur. 2012. Biology and Predatory Potential of a Newly Recorded Green Lacewing, *Mallada* sp. (Neuroptera: Chrysopidae) on Tea Mosquito Bug *Helopeltis theivora* (Waterhouse). *Two and a Bud*. 59: 60-62.
- Capinera, J. L. 2008. *Encyclopedia of Entomology*. Second Edition. University of Florida. USA. 312-313p, 2497-2498p, 3825p.
- Chapman, R. F. 2013. *The Insects: Structure and Function, Fifth Edition*. Cambridge University Press. UK. 31p.
- Clausen, C. P. 1940. *Entomophagous Insects*. McGraw-Hill Book Company. New York. 20-21p, 61-91p, 290-297p, 300-301p, 307-308p, 326p, 382-383p, 396-401p, 403-404p, 420-430p.
- Corbet, P. S., 1962. *A Biology of Dragonflies*. H. F. & G. Witherby LTD. UK. 56-65p, 147-155p.
- Craemer, C., A. S. Dippenaar-Schoeman, C. D. Eardley, E. Grobbelaar, M. W. Mansell, I. M. Millar, O. C. Neser, R. G. Oberprieler, M. Stiller, and E. A. Ueckermann. 2000. Collecting and Preserving Insects and Arachnids: A Manual for Entomology and Arachnology. The Southern African (SADC) LOOP of BioNET-INTERNATIONAL. South Africa. 37- 40p.



- Das, S., S. Roy, and A. Mukhopadhyay. 2010. Diversity of Arthropod Natural Enemies in the Tea Plantations of North Bengal with Emphasis on Their Association with Tea Pests. *Current Science*. 99(10): 1457-1463.
- Gauld, I. and B. Bolton. 1988. *The Hymenoptera*. Oxford University Press. USA. 232-235p.
- Gillot, C. 2005. *Entomology, Third Edition*. Springer. The Netherlands. 64-72p, 210-229p, 331-333p
- Gogoi, B., K. Choudhury, M. Sharma, A. Rahman and M. Borthakur. 2012. Studies on the Host Range of *Helopeltis theivora*. *Two and a Bud*. 59: 31-34.
- Gordh, G. and D. Headrick. 2001. *A Dictionary of Entomology, Second Edition*. Cabi Publishing. UK. 968p.
- Goulet H. and J. T. Huber. 1993. *Hymenoptera of the World: An Identification Guide to Families*. Agriculture Canada, Research Branch. Canada. 162-185p, 188-202p, 213-224p, 232-278p, 279-280p, 291-293p, 300-303p, 359-395p.
- Gullan, P. J. and P. S. Cranston. 2010. *The Insect: an Outline of Entomology*. Wiley-Blackwell. United Kingdom. 444-450p.
- Heckman, C. W. 2006. *Encyclopedia of South American Aquatic Insect: Odonata-Anisoptera*. Springer. The Netherlands. 32-34p.
- Hodek, I. 1973. *Biology of Coccinellidae*. Springer. The Netherlands. 15-20p.
- Kalshoven, L. G. E. 1981. *Pest of Crops in Indonesia*. PT. Ichtiar Baru-Van Hoeve. Jakarta. 43-44p, 111-116p, 153-159p, 373-379p, 399p, 546-558p, 569-577p, 596-610p.
- Karmawati, Z. Mahmud, M. Syakir, S. Joni Munarso, I. K. Ardana, and Rubiyo. 2010. *Budidaya dan Pasca Panen Kakao*. Pusat Penelitian dan Pengembangan Perkebunan. Bogor. 10-19p, 82-83p.
- Khoo, K. C. and C. T. Ho. 1992. The Influence of *Dolichoderus thoracicus* (Hymenoptera: Formicidae) on Losses due to *Helopeltis theivora* (Heteroptera: Miridae), Black Pod Disease, and Mammalian Pests in Cocoa in Malaysia. *Bulletin of Entomological Research*. 82: 485-491.
- Konam J., Y. Namaliu, R. Daniel, and D. Guest. 2009. *Pengelolaan Hama dan Penyakit Terpadu untuk Produksi Kakao Berkelanjutan: Panduan Pelatihan untuk Petani dan Penyuluh*. ACIAR. Australia. 7p.
- Magurran, A. E. 2004. *Measuring Biological Diversity*. Blackwell Science Ltd. USA. 107p.
- Mahapatro, G. K. and J. Mathew. 2015. Role of Red-Ant, *Oecophylla smaragdina* Fabricius (Formicidae: Hymenoptera) in Managing Tea Mosquito Bug, *Helopeltis* species (Miridae: Hemiptera) in Cashew. *Proceedings of the National Academy of Sciences, India, Section B: Biological Sciences*. 1-8.
- McAlpine, J. F., B. V. Peterson, G. E. Shewell, H. J. Teskey, J. R. Vockeroth, and D. M. Wood. 1981. *Manual of Nearctic Diptera Volume 1*. Biosystematics Research Institute. Canada. 19p,
- McAlpine, J. F., B. V. Peterson, G. E. Shewell, H. J. Teskey, J. R. Vockeroth, and D. M. Wood. 1987. *Manual of Nearctic Diptera Volume 2*. Biosystematics Research Institute. Canada. 749-750p, 763p, 813-814p, 1117p, 1135p, 1161p, 1193-1199p.



- Melina, S., E. Martono, Y. A. Trisyono, S. Moechtar, and R. Radek. 2015. Morphology of Adult *Helopeltis bradyi* (Heteroptera: Miridae) of Java, Resolving a Longstanding Species Uncertainty. *North-Western Journal of Zoology*. 1-31.
- Metcalf, C. L. and W. P. Flint. 1962. *Destructive and Useful Insects: Their Habits and Control*, McGraw-Hill Book Company, Inc. USA. 88p, 130-148p.
- Muhamad, R. and C. G. Fee. 1993. The Relationship between Population Fluctuations of *Helopeltis theivora* Waterhouse, Availability of Cocoa Pods and Rainfall Pattern. *Pertanika Journal of Tropical Agricultural Science*. 16(2): 81-86.
- Muhamad, R. and M. J. Way. 1995. Damage and Crop Loss Relationships of *Helopeltis theivora*, Hemiptera, Miridae and Cocoa in Malaysia. *Crop Protection*. 14(2): 117-121.
- Olotu, M. I., H. du Plessis, Z. S. Segunic, and N. K Manianiaa. 2013. Efficacy of the African Weaver Ant *Oecophylla longinoda* (Hymenoptera: Formicidae) in the Control of *Helopeltis* spp. (Hemiptera: Miridae) and *Pseudotheraptus wayi* (Hemiptera: Coreidae) in Cashew Crop in Tanzania. *Pest Management Science*. 69: 911–918.
- Quicke, D. L. J. 2015. *The Braconid and Ichneumonid Parasitoid Wasps: Biology, Systematics, Evolution, and Ecology*. Wiley Blackwell. UK. 14-18p, 36-37p, 63-65p.
- Reddy, P. V. R. 2009. Record of Tea Mosquito Bug, *Helopeltis Antonii* (Sign.) (Homoptera: Miridae) on the Fruits of *Annona* spp. *Pest Management in Horticultural Ecosystems*. 15(1): 74-76.
- Romoser, W. S. and J. G. Stoffolano. 1998. *The Science of Entomology*. McGraw-Hill. USA. 268-272p.
- Roy, S., A. Mukhopadhyay, and G. Gurusubramanian. 2009. Varietal Preference and Feeding Behaviour of Tea Mosquito Bug (*Helopeltis theivora* Waterhouse) on Tea Plants (*Camellia sinensis*). *Academic Journal of Entomology*. 2(1): 01-09.
- Roy, S., A. Mukhopadhyay, and G. Gurusubramanian. 2010a. Relative Susceptibility of Tea Mosquito Bug, *Helopeltis Theivora* Waterhouse and Red Spider Mite, *Oligonychus Coffeae* Nietner Eggs to Commonly Used Pesticides. *Journal Of Plant Protection Research* 50(3): 244-249.
- Roy, S., G. Gurusubramanian, and A. Mukhopadhyay. 2010b. Neem-Based Integrated Approaches for the Management of Tea Mosquito Bug, *Helopeltis theivora* Waterhouse (Miridae: Heteroptera) in Tea. *Journal of Pest Science*. 83:143-148.
- Roy, S., G. Gurusubramanian, and A. Mukhopadhyay. 2013. Variation of Resistance to Endosulfan in Tea Mosquito Bug, *Helopeltis theivora* Waterhouse (Heteroptera: Miridae) in the Tea Plantation of the Sub-Himalayan Dooars, Northern West Bengal, India. *International Journal of Nematology and Entomology*. 1(3): 031-036p.



- Roy, S., N. Muraleedharana, A. Mukhopadhyay, and G. Handiquea. 2015. The Tea Mosquito Bug, *Helopeltis theivora* Waterhouse (Heteroptera: Miridae): Its Status, Biology, Ecology and Management in Tea Plantations. *International Journal of Pest Management*. 1-20.
- Saha, D., A. Mukhopadhyay, and M. Bahadur. 2012a. Effect of Host Plants on Fitness Traits and Detoxifying Enzymes Activity of *Helopeltis theivora*, a Major Sucking Insect Pest of Tea. *Phytoparasitica*. 40: 433-444.
- Saha, D., A. Mukhopadhyay, and M. Bahadur. 2012b. Variation in the Activity of Three Principal Detoxifying Enzymes in Major Sucking Pest of Tea, *Helopeltis theivora* Waterhouse (Heteroptera: Miridae) from Sub-Himalayan Tea Plantations of West Bengal, India. *Proceedings of the Zoological Society*. 1-8.
- Schowalter, T. D. 2011. *Insect Ecology: An Ecosystem Approach*. Elsevier Inc. United Kingdom. 130p, 262p.
- Schuh, R. T. and J. A. Slater. 1995. *True Bugs of the World (Hemiptera: Heteroptera): Classification and Natural History*. Cornell University Press. New York. 150-160p, 270-271p.
- Sharma, A., A. N. Khan, S. Subrahmanyam, R. Raman, G. S. Taylor, and M. J. Fletcher. 2013. Salivary Proteins of Plant-Feeding Hemipteroids-Implications in Phytophagy. *Bulletin of Entomological Research*. 1-20.
- Sigit, W., B. Feriwibisono, M. P. Nugrahani, B. Putri I. D., and T. Makitan. 2013. *Naga Wendit Terbang: Keanekaragaman Capung Perairan Wendit, Malang, Jawa Timur*. Indonesia Dragonfly Society. 28p, 71p.
- Siregar, T. H. S., S. Riyadi, and L. Nuraeni. 2010. *Budi Daya Cokelat*. Penebar Swadaya. Jakarta. 98p.
- Siswanto, R. Muhamad, D. Omar, and E. Karmawati. 2008. Population Fluctuation of *Helopeltis antonii* Signoret on Cashew *Anacardium occidentale* L., in Java, Indonesia. *Pertanika Journal of Tropical Agricultural Science*. 31(2): 191-196.
- Srikumar, K. K. and P. S. Bhat. 2011. Comparison of the Developmental and Survival Rates, Adult Longevity and Fecundity of *Helopeltis antonii* Signoret (Hemiptera: Miridae) on Different Phenological Stages of Cashew. *Journal of Plantation Crops*. 39 (3): 347-350.
- Srikumar, K. K. and P. S. Bhat. 2012. Field Survey and Comparative Biology of Tea Mosquito Bug (*Helopeltis spp.*) on Cashew (*Anacardium occidentale* Linn.). *Journal of Cell and Animal Biology*. 6(14): 200-206.
- Srikumar, K. K. and P. S. Bhat. 2013. Biology of the Tea Mosquito Bug (*Helopeltis theivora* Waterhouse) on *Chromolaena odorata* (L.) R. M. King and H. Rob. *Chilean Journal of Agricultural Research*. 73(3): 309-314.
- Srikumar, K. K., P. S. Bhat, T. N. Raviprasad, K. Vanitha, N. K. K. Kumar, K. B. Rebijith, R. Asokan. 2013. Distribution of Major Sucking Pest, *Helopeltis spp.* (Hemiptera: Miridae) of Cashew in India. *Proceedings of the Zoological Society*. 68(1): 30-35.
- Srikumar, K. K., P. S. Bhat, K. Vanitha, K. Rajmohana, and T. N. Raviprasad. 2014a. Phenology and Parasitization Behaviour of *Telenomus cuspis* (Hymenoptera: Platygastridae) an Egg Parasitoid of *Helopeltis antonii* (Hemiptera: Miridae) in Cashew. *Proceedings of the National Academy of Sciences, India, Section B: Biological Sciences*. 1-6.



- Srikumar, K. K., P. S. Bhat, T. N. Raviprasad, and K. Vanitha. 2014b. Biology, Behaviour and Functional Response of *Cydnocoris gilvus* Brum. (Heteroptera: Reduviidae: Harpactorinae) a Predator of Tea Mosquito Bug (*Helopeltis antonii* Sign.) on Cashew in India. *Journal of Threatened Taxa*. 6(6): 5864–5870.
- Stonedahl, G. M. 1991. The Oriental Species of *Helopeltis* (Heteroptera: Miridae): a Review of Economic Literature and Guide to Identification. *Bulletin of Entomological Research*. 81: 465-490.
- Tjitrosoepomo, G. 2004. *Taksonomi Tumbuhan (Spermatophyta)*. Gadjah Mada University Press. Yogyakarta. 269-274p.
- Triplehorn, C. A. and N. F. Johnson. 2005. *Borror and DeLong's: Introduction to the Study of Insects*. Thomson Brooks/CoIe. USA. 296-298p, 307-309p, 319-320p, 412-413p, 539-540p, 552-554p, 547p. 726-727, 730-735p.
- Untung, K. 2006. *Pengantar Pengelolaan Hama Terpadu*. Edisi Kedua. Gadjah Mada University Press. Yogyakarta. 191-192p.
- Wahyudi, T., T. R. Panggabean, and Pujiyanto. 2013. *Panduan Lengkap Kakao, Manajemen Agribisnis dari Hulu hingga Hilir*. Penebar Swadaya. Jakarta. 17p, 38-47p, 64-65p, 139-140p, 148-151p.
- Wijetunge, P. M. A. P. K., D. Ahangama, and B. Ranaweera. 2003. Biology of the Cashew Pest *Helopeltis antonii* Sign and its Predators. *Tropical Agricultural Research*. 15: 188-198.
- Wiryadiputra, S. 2003. Keefektifan Limbah Tembakau sebagai Insektisida Nabati untuk Mengendalikan Hama *Helopeltis sp.* pada Kakao. *Jurnal Perlindungan Tanaman Indonesia*. 9(1): 35-45.
- Wiryadiputra, S. 2007. Pemapanan Semut Hitam (*Dolichoderus thoracicus*) pada Perkebunan Kakao dan Pengaruhnya Terhadap Serangan Hama *Helopeltis spp.* *Pelita Perkebunan*. 23(1): 57-71.
- Wood, G. A. R. 1978. *Cocoa*. Longman Inc.. New York. 399p.
- Wood, G. A. R. and R. A. Lass. 1985. *Cocoa*. Fourth Edition. Blackwell Science. USA. 367 p, 402-403 p.