

## BAB VI

### DAFTAR PUSTAKA

- Ahmad, S.B., S. A. Dar And B. A. Pandith. 2017. Comparative Foraging Behaviour Of Honey Bees, *Apis Cerana* F. And *Apis Mellifera* L. (Hym: Apidae) on Apple Bloom. *Journal Of Entomology And Zoology Studies.* 5(1): 474-482.
- Alqarni AS. 2006. Tolerance of summer temperature in imported and indigenous honeybee *Apis mellifera* L. races in central Saudi Arabia. *Saudi Journal of Biological Sciences.* 13(2): 123-127.
- Awasum. C. A., S.L.m. Fotzo., J.A. ndukum., C.W.D. Genesis amd A. Zoli. 2015. Gas Chromatography-Mass Spectroscopy Analysis and Chemical Composition of Ngaoundere, Cameroon Honey. *American Journal of Bioscience and Bioengineering.* 3(5): 33-36.
- Bernhoft, Aksel. 2008. *A Brief Review on Bioactive Compounds in Plants. The Norwegian Academy od Science and Letters.* Oslo. p:11-17.
- Bharth, M.P., C. Chinniah., J. Jayaraj., K. Suresh., T. N. Balamohan And S. Vellaikumar. 2020. Foraging Activity Of Stingless Bee, *Tetragonula Iridipennis* Smith (Hymenoptera: Apidae) During Summer Season In Madurai District Of Tamil Nadu, India. *Journal Of Pharmacognosy And Phytochemistry.* 9(1): 1144-1148.
- Bohlmann, J. and Keeling, C.I. 2008. Terpenoid Biomaterials. *The Plant Journal.* 54: 656-669.
- Buchanan, B.B., Wilhelm, G., and Russel, L.J. 2000. *Biochemistry & Molecular Biology of Plants.* John Wiley & Sons. Rockville. p:1250-1252, 1268-1276, 1302-1315.
- Chakravarthy, A.K dan S. Sridhara. 2016. *Arthropod Diversity and Conservation in the Tropics and Sub Tropics.* Springer. Bengaluru. pp: 351-355.
- Ciar, R. R., L.S. Bonto., M. H. P. Bayer., J. F. Rabajante., S. P. Lubag., A.C. Fajardo And C. R. Cervancia. 2013. Foraging Behavior Of Stingless Bees (*Tetragonula Biroi* Friese): Distance, Direction And Height Of Preferred Food Source. Research Gate.
- Cushnie, T.P.T., Benjamart, C., and Andrew, J.L. 2014. Alkaloids : An Overview of their Antibacterial, antibiotic-enhancing, and antivirulence activities. *International Journal of Antimicrobial Agents.* 44(2014): 377-386.
- Cushnie, T.P.T. and Lamb, A.J. 2005. Antimicrobial Activity of Flavonoids. *International Journal of Antimicrobial Agent.* 26(2005): 343-356.



- Dahlia., Syafrizal dan N. Hariani. 2019. Morfologi Polen Dan Jenis Tumbuhan Yang Terdapat Pada Pollen Lebah Stingless Bees (*Trigona* Spp.) Dari Pulau Nunukan, Kalimantan Utara. *Bioprospek*. 14(1): 54-60.
- Danaraddi CS. 2007. Studies on stingless bee, *Trigona iridipennis* Smith with special reference to foraging behaviour and melissopalynology at Dharwad, Karnataka (Doctoral dissertation, UAS, Dharwad).
- Devanesan S, Nisha MM, Bennet R, Shailaja KK. 2020. Foraging behavior of stingless bee, *Trigona iridipennis* Smith. *Insect Environment*. 8(3): 131-3.
- Devasvaran, K and Y.K Yong. 2016. Anti-inflammatory and wound healing properties of Malaysia Tualang honey. *Current Science*. 110(1): 47-51.
- Free, J.B. 1982. *Bees and Mankind*. George Allen and Unkwin. London.
- Jones, S. E and K.G Pearce. 2015. A pollen morphology study from the Kelabit Highlands of Sarawak, Malaysian Borneo. *Palynology*. 39(2): 150-204.
- Kothai, S dan B. Jayanthi. 2015. Environmentsl Impact on Stigless Bee Propolis (*Tetragonula iridipennis*) Reared from Two Different Regions of Tamilnadu – A Comparative Study. *International Journal of ChemTech Research*. 7(7): 3081-3088.
- Kwapong, P., Aidoo, K., Combey, R., Karikari. 2010. *Stingless bees: Importance, Management and Utilisation*. Unimax Macmillan Ghana.
- Lira, A.Q., A.A. Santos., G.A. Alvarez., A.R. Munguia. 2017. Effects of liquefying crystallized honey by ultrasound on crystal size, 5-hydroxymethylfurfural, colour, phenolic compounds and antioxidant activity. *Eur Food Res Technol*. 2432: 619-626.
- Makhlofi, C., K. Taibi., L.A. Abderrahim. 2020. Characterization of Invertase and Diastase Activities, 5-Hydroxymethylfurfural Content and Hydrogen Peroxide Production of Some Algerian Honeys. *Iran J Sci Technol Trans Sci*.
- Makkar, G.S., P.K. Chhuneja, dan J. Singh. 2016. Stingless Bee, *Tetragonula iridipennis* (Hymenoptera: Apidae: Meliponini): Molecular and Morpholgical Characterization Proceedings of the National Academy of Sciences India Section B. *Biological Sciences*. 88(1): 285-291.
- Makkar, G.S., P.K Chhuneja and J. Singh. 2018. Stingless Bee, *Tetragonula iridipennis* Smith, 1854 (Hymenoptera: Apidae: Meliponini): Molecular and Morphological Characterization. *Springer*. 88(1):285–291.
- Manisha, D and S. Mandal. 2010. Coconut (*Cocos nucifera* L.: Areceae): In health promotion and disease Prevention. *Asian Pacific Journal of Tropical Medicine* (2011)241-247.



- Nagamitsu, T and T.Inoue. 2020. Aggressive Foraging of Social Bees as a Mechanism of Floral Resource Partitioning in anAsian Tropical Rainforest. *Oecologia*. 110(3): 432-439.
- Novita., R. Saepudin dan Sutriyono. 2013. Analisis Morfometrik Lebah Madu Pekerja *Apis cerana* Budidaya pada Dua Ketinggian Tempat yang Berbeda. *Jurnal Sain Peternakan Indonesia*. 8(1):41-57.
- Poliakova, A and H. Behing. 2016. Pollen and fern spores recorded in recent and late Holocene marine sediments from the Indian Ocean and Java Sea in Indonesia. *Quaternary International*. 392 (2016) 251-314.
- Rahman, A., P.K. Das, P. Rajkumari, J. Sakia, dan D. Sarmah. 2013. Stingless Bees (Hymenoptera: Apidae: Meliponini) Diversity and Distribution in India. *International Journal of Sciences and Research*. 4(1): 77-81.
- Rasmussen, C. 2013. Stingless Bee (Hymenoptera: Apidae: Meliponini) of The Indian Subcontinent: Diversity, Taxonomy, and Current Status of Knowledge. *Zootaxa*. 3647(3): 401-428.
- Richap, D. S. O. W., 1977. Hymenoptera. Introduction and key to families (Second edition), Handbooks for the Identification. British Insects. 6(1): 1 100.
- Rull, Valenti. 2003. An Illustrated Key for the Identification of Pollen from Pantepui and the Gran Sabana (Eastern Venezuelan Guayana). *Palynology*. 27: 99-133.
- Sato, Fumihiko. 2014. Plant Secondary Metabolism. In: *eLS*. John Wiley & Sons Ltd, Chichester. 10(2).
- Seigler, D. S. 1998. *Plant Secondary Metabolism*. Springer Science. New York. P: 353-486.
- Shaara, H. F. A. 2014. The foraging behaviour of honey bees, *Apis mellifera*: a review. *Veterinarni Medicina*, 59 (1): 1–10.
- Shubharani, R., Sivaram and Roopa. 2012. Assessment of Honey Plant Resources through Pollen Analysis in Coorg Honeys of Karnataka State. *The International Journal of Plant Reproductive Biology*. 4(1): 31–39.
- Singh, S. 1962. *Bee keeping in India*. Indian Council Agricultural Research. New Delhi.
- Singh, R. 2013. Domestication of *Trigona iridipennis* Smith 1854 in a Newly Designed Hive. *Natl Acad Sci Lett*. 36(4):367-371.
- Singh, P. 2015. Studies on Characterization and Behavior of the Stingless Bee *Tetragonula iridipennis* Smith 1854 with Biochemical Properties of Its Honey. *Tesis. University of Agriculture and Technology Pantnagar*.
- Sudarmono. 2019. Pollen diversity in the Bogor Botanic Gardens, Indonesia. *BIODIVERSITAS*. 20(4): 931-936.



UNIVERSITAS  
GADJAH MADA

KEANEKARAGAMAN POLEN HASIL KOLEKSI LEBAH STINGLESS (*Tetragonula iridipennis* Smith, 1854) DAN KANDUNGAN SENYAWA BIOAKTIF MADU DI WILAYAH TURI, SLEMAN, YOGYAKARTA  
SRI EKO PURWANTI, Drs. Sutikno, S.U

Universitas Gadjah Mada, 2020 | Diunduh dari <http://etd.repository.ugm.ac.id/>

- Suranto, A. 2004. *Khasiat dan Manfat Madu Lebah Herbal*. Agromedia Pustaka. Jakarta. pp. 4-14.
- Tarigan, D., Yusuf, R., Syafrizal. 2014. Keragaman dan Habitat Lebah *Trigona* pada Hutan Skunder Tropis Basah di Hutan Pendidikan Lampake Samarinda, Kalimantan Timur. *Jurnal Teknologi Pertanian*. 9(1): 34-38.
- Turkut, G.M., A. Delgirmenci., O. Yildiz., Z. Can., F.Y. Karahalil and S. Kolayli. 2018. Investigating 5-hydroxymethylfurfural formation kinetic and antioxidant activity in heat treated honey from different floral sources. *Journal of Food Measurement and Characterization*. 12: 2358-2365.
- Vijayakumur. K and R. jeyaraaj. 2016. Floral Sources for Stingless Bees in NellithuraiVillage,Tamilnadu, India. *Ambient Science*. 3(2):1-7.
- Whitehead, S. B and Shaw, F.R. 1951. *Honeybees and their Management*. D Van Nostrand Company, Inc. USA. p.1.
- Willle, Alvaro. 1979. Phylogeny And Relationships Among The Genera And Subgenera of The Stingless Bees (Meliponinae) Of The World. Rev. Biol. Trop. 27(2): 241 - 277.