

DAFTAR PUSTAKA

- Amano, K., Nemoto, T & Heard, Tim A. 2000. What are *Stingless Bees* and Why How to Use Them as Crop Pollinators – A Review. *JRQ*. 34: 183-190.
- Chinh, T. X., M. J. Sommeijer., W. J Boot & C. D. Michener. 2005. Nest Architecture and Colony Characteristics of Three *Stingless bee* in Vietnam with the First Description of the Nest of *Lisotrigona carpenteri* Engel (Hymenoptera:Apidae, Meliponini). *Journal of The Kansas Entomological Society* 3:26-39.
- Cristy, Buti Y., D. I. Roesma & Dahelmi. 2019. Phylogenetic Analysis of *Tetragonula Minangkabau* and Other Species Using Cytochrome B Gene. *Sceindo* 63:1-8.
- Danaraddi, C. S., S. Viraktamath., Basavanagoud, K & Bhat, A. R. S. 2009. Nesting Habits and Nest Structure of *Stingless bee Trigona iridipennis* Smith at Dharwad, Karnataka. *J. Agric. Sci.* 22:310-313.
- Dollin, A E., Dollin L J. & Sakagami, S. F. 1997. Australian *Stingless bes* of the Genus *Trigona* (Hymenoptera:Apidae). *Journal of Biosystematics* 11: 861–896.
- Efin, A., Atmowidi, T & Prawasti, T. S. 2019. Short Communication Morphological Characteristics and Morphometric of *Stingless Bee* (Apidae:Hymenoptera) From Banten Province, Indonesia. *Biodiversitas* 20:1693-1698.
- Eltz, T., Bruhl, CA., Imiyabir, Z & Linsenmair, K. E. 2003. Nesting and Nest Trees of *Stingless bees* (Apidae:Meliponini) in Lowland Dipterocarp Forests in Sabah, Malaysia, with Implications for Forest Management. *Elsevier* 172:301– 313.
- Free, J. B. 1982. *Bee and Mankind*. London (GB) : George Allen & Unwin.
- Hamid, SA., Salleh, MS., Thevan, K & Hashim, NA. 2016. Distribution and Morfometrical Variations of *Stingless bees* (Apidae:Meliponini) in Urban and Forest Area of Penang Island, Malaysia. *J.Trop. Resour. Sustain* 4:1-5.
- Heard, T. A, 1999. The Role of *Stingless bees* in Crop Pollination. *Annu Rev Entomology* 44:183-206.
- Izra, R. H & Imran, M. K. M. 2019. Structur of the Nest *Entrance* of *Stingless bee* (Apidae:Hymenoptera) at Malaysian Genome Institute

- Malaysia. *Proceedings of 9th International Symposium (Full Paper)* South Eastern University of Sri Lanka Oluvil 345-352.
- Kelly, N., Farisya, M. S. N., Kumara T. K & Marcela, P. 2014. Species Diversity and External Nest Characteristics of *Stingless bee* in Meliponiculture. *Journal Tropical Agricultural Science* 37: 293–298.
- Kwapong, P., Aidoo, K., Combey, R & Karikari, A. 2010. *Stingless bees: Importance, management,) and utilisation. A training manual for stingless beekeeping*. Ghana: Unimax Macmilla.
- Lima, F. V O., Silvestre R & Balestieri JBP. 2013. Nest *Entrance* Types of *Stingless bee* (Hymenoptera:Apidae) in a Tropical Dry Forest of Mid-Western Brazil. *Sociobiology* 60: 421-428.
- Michener, C. D. 1974. *The Social Behavior of the bees a Comparative Study*. Belknap Press, Cambridge, MA.
- Michener, C. D. 2007. *The Bees of the World*. 2nd ed. Johns Hopkins Univ. Pr., Baltimore, US.
- Moure, J.S. 1961. A Preliminary Supra-specific Classification of the Old World Meliponine Bees (Hymenoptera, Apoidea). *Studia Entomologica*. Editora Vozes. 4 (1–4): 181–242. OCLC 430338837
- Putra, D. P., Dahelmi., Salmah, S. M & Swasti, E. 2015. Species Diversity of *Stingless bees* (Hymenoptera: Meliponini) in Chili Pepper (*Capsicum Annum L.*) Plantation in West Sumatra. *Internasional Journal Of Science And Research* 5: 1-6.
- Putra, N. S., Watiningsih, N. L & Suartini, M. 2016. Jenis Lebah *Trigona* (Apidae : Meliponini) Pada Ketinggian Tempat Berbeda di Bali. *Jurnal Simbiosis* 4: 6-9
- Primack, R. B., Supriatna, J., Indrawan., M & Kramadibta, P. 1998. *Biologi Konservasi*. Yayasan Obor Indonesia. Jakarta.
- Quezada-Euan, J. J. G. 2018. *Stingless Bee of Mexico the Biology Management and Conservartion of an Ancient Heritage*. Springer. Merida Yucatan Mexico.
- Rahman, A., Das, P. K., Rajkumari, P., Saikia, J & Sharmah, D. 2015. *Stingless bee* (Hymenoptera:Apidae:Meliponini) Diversity and Distribution in India. *International Journal of Science and Research* 4:77-81.
- Rasmussen, C. 2013. *Stingless bees* (Hymenoptera:Apidae:Meliponini) of the Indian Subcontinent: Diversity, Taxonomy and Current Status of Knowledge. *Zootaxa* 3: 401-428.

- Rassmusen, C. 2008 Catalog of the Indo-Malayan/Australasian *Stingless bees* (Hymenoptera:Apidae:Meliponini). *Zootaxa* 1935:1-80.
- Roopa, A.N., Eswarappa, G., Sajjanar, SM & Gowda, G. 2015. Study on Nesting Characteristics and Biology of *Stingless bee (Trigona iridipennis* Smith). *Journal Agriculture and Veterinary Science* 8:34-36.
- Roubik, D.W. 2006. *Stingless bee* Nesting Biology. *Apidologie review article* 2006:124-143.
- Sakagami, S. F. 1978. *Tetragonula Stingless Bees* of the Continental Asia and Sri Lanka (Hymenoptera, Apidae). *J. Fac. Sci* 21:165-247.
- Sakagami, S. F & Inoue, T. 1985. Taxonomic Notes on Three Bicolours *Tetragonula Stingless bees* in Southeast Asia. *Entomological Society of Japan* 53:174-189.
- Sakagami, S. F & Inoe, T. 1987. *Stingless bee* of the Genus *Trigona* (Subgenus *Trigonella*) with Notes on the Reduction of Spatha in Male Genitalia of the Subgenus *Tetragonula* (Hymenoptera, Apidae). *Kontyu* 55: 610-627.
- Sakagami, S. F. 1982. *Stingless bees*. In: Herman, H.R, (Eds), *Social Insects*, vol. 3 Academic Press, New York.
- Sakagami, S. F., Inoe, T & Salmah, S. 1990. *Stingless bee* of Central Sumatera. In Ohgushi., Sakagami, S.F., Roubik, D.W (eds), *Natural History of Social Wasp and Bee in Equatorial Sumatra*. Hokkaido University Press, Sappo, 125-137.
- Sakagami, S. F., Inoe, T., Yamane, S & Salmah, S. 1983. Nest Architecture and Colony Composition of the Sumatran *Stingless bee Trigona (Tetragonula) laeviceps*. *Kontyu* 51:100-111.
- Salmah, S. 2017. Biologi dan keanekaragaman *Stingless bee*. Seminar nasional perlebahan konservasi keragaman lebah Indonesia untuk mendukung ketahanan pangan dan kesehatan masyarakat di Auditorium FMIPA Institut Pertanian Bogor 1-17
- Salmah, S., Inoue, T & Sakagami, S. F. 1990. Analisis of Apid Bee Richness (Apidae) in Central Sumatra. In S. F. Sakagami, R. Ohgushi and D. W. Roubik (eds), *Natural history of social wasp and bees in Equatorial Sumatra*, Hokkaido Univ. Press, Sapporo. 139-174.
- Samsudin, S. F., Mamat, M. R & Hamzil, I. R. 2018. Taxonomic Study on Selected Species of *Stingless bee*

(*Hymenoptera:Apidae:Meliponini*) in Peninsular Malaysia. *Serangga* 23 (No 2): 203-258.

Saufi, N. F. M & Thevan, K. 2015. Characterization of Nest Structure and Foraging Activity of *Stingless bee, Geniotrigona thoracica* (Hymenoptera: Apidae: Meliponini). *Jurnal Teknologi (Sciences & Engineering)* 77: 69-74.

Smith, D. 2012. *Key to Workers of Indo-Malayan Stingless Bee ver. 1,1*. Lawrence KS: University of Kansas.

Suriawanto, N., Atmowidi, T & Kahono, S. 2017. Nesting Sites Characteristics of *Stingless bee* (Hymenoptera:Apidae) in Central Sulawesi Indonesia. *Journal of Insect Biodiversity* 5:1-9.

Unand, 2016. <https://www.unand.ac.id/>. 20 Februari 2020.

Unand, 2016. <https://fisip.unand.ac.id/>. 20 Februari 2020.

Trianto, M., Tanti,W.R., Sukmawati & Nur'aini. 2019.Variasi Morfometri *Tetragonula laeviceps* (Smith 1857) pada Habitat yang Berbeda di Provinsi Sulawesi Tengah, Indonesia. *Jambura Edu Biosfer Journal* 10-14.

Wille, A. 1983. Biology of the *Stingless bees*. *Ann. Rev. entomol.* 28: 41-64

