

BIBLIOGRAPHY

- Ador, K., Gobilik, J., & Benedick, S. 2023. Phylogenetic and Morphological Characteristics Reveal Cryptic Speciation in Stingless Bee, *Tetragonula laeviceps* Sl Smith 1857 (Hymenoptera; Meliponinae). *Insects*: 14(5), 438.
- Asiah W. N, W.M.A, Sajap, A.S., Adam, N.A. & Hamid, M.N. 2015. Flight Intensity of Two Species of Stingless Bees *Heterotrigona itama* and *Geniotrigona thoracica* and Its Relationships With Temperature, Light Intensity and Relative Humidity. *Serangga*: 20(1), 35-42.
- Azizi, M. G., Priawandiputra, W., & Raffiudin, R. 2020. Identifikasi Morfologi Lebah Tak Bersengat Dari Belitung. Dalam *IOP Conference Series: Earth and Environmental Science* (Vol. 457, No. 1, p. 012011). IOP Publishing.
- Basari, N., Ramli, S. N., & Mohd Khairi, N. A. S. 2018. Imbalan Makanan dan Jarak Memengaruhi Pola Mencari Makan Lebah Tanpa Sengat, *Heterotrigona itama*. *Serangga*: 9 (4), 138.
- Cameron, P. 1902. Deskripsi Spesies Baru Aculeate *Hymenoptera* dari Kalimantan.
- Cameron, S. A., Hines, H. M., & Williams, P. H. 2007. Filogeni Komprehensif Lebah (*Bombus*). *Jurnal biologi Linnean Society*: 91 (1), 161-188.
- Danaraddi, C. S., Shashidhar Viraktamath, S. V., Basavanagoud, K., & Bhat, A. R. S. 2009. Kebiasaan Bersarang dan Struktur Sarang Lebah Tak Bersengat, *Trigona iridipennis* Smith di Dharwad, Karnataka.
- Eltz, T., Brühl, C.A., 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. *Forest Ecology and Management*: 172, 301.
- Engel, M.S. & Rasmussen, C. 1999. A New Subgenus of *Heterotrigona* From New Guinea (Hymenoptera: Apidae). *Journal of Melittology*: 73, 1-16.
- Heard, T. 2016. The Australian Native Bee Book: Keeping Stingless Bee Hives for Pets, Pollination and Sugarbag Honey. Queensland: Sugarbag Bees: 246 pp.
- Engel, M.S. 2001. A Monograph of The Baltic Amber Bees and Evolution of The Apoidea (Hymenoptera). *Bulletin of the American Museum of Natural History*: 259, 1-192.
- Engel, M.S. 2012. The Honey Bees of Indonesia (Hymenoptera: Apidae). *Treubia*, :39, 41-49.

- Erwan, E., Harun, M., & Muhsinin, M. 2020. Kualitas Madu *Apis mellifera* Dengan Nektar Ekstrafloral di Lombok, Nusa Tenggara Barat, Indonesia. *Jurnal Sains dan Pendidikan IPA: 1* (1), 1-7.
- Esquerré, D., Donnellan, S., Brennan, I. G., Lemmon, A. R., Lemmon, E. M., Zaher, H., Grazziotin, G. G., & Keogh, J. S. 2020. Filogenomik, Biogeografi, dan Morfometrik Mengungkap Evolusi Fenotipik Yang Cepat Pada Ular Piton Setelah Melewati Garis Keturunan Wallace . *Biologi Sistemika: 69*(6), 1039-1051.
- Hasan Z.A, Shamsul,&B., Adam, S. 2017. Ultra Structure Comparison of Three Stingless bees Species of Borneo.
- Heard, M. S., Baas, J., Dorne, J. L., Lahive, E., Robinson, A. G., Rortais, A., & Hesketh, H. 2018. Comparative Toxicity of Pesticides and Environmental Contaminants on Bees: Are Honey Bees a Useful Proxy for Wild Bee Species. *Science of the Total Environment: 578* , 357-365.
- Herwina, H., Salmah, S., Janra, M. N., Christy, B. Y., Sari, D. A., & Putri, G. 2021, May. West Sumatran Stingless Bees (Hymenoptera: Apidae: Meliponini): What Can Be Told From Its Local Distribution. In *IOP Conference Series: Earth and Environmental Science* (Vol. 757, No. 1, p. 012084). IOP Publishing.
- Kahono, S., Chantawannakul, P. & Engel, M.S. 2018. Social Bees And The Current Status Of Beekeeping In Indonesia. In P. Chantawannakul, G. Williams & P. Neumann, eds. *Asian Beekeeping in the 21st Century. Springer Verlag: 287–306.*
- Klaskasikorn, A., Wongsiri, S., Deowanish, S. & Duangpakdee, O. 2005. New Record of Stingless Bees (Meliponini: Trigona) in Thailand. *The Natural History Journal of Chulalongkorn University: 5*(1), 1-7.
- Kukutani, T., Inoue, T. & Maeta, Y. 1993. Pollination Of Strawberry By The Stingless Bee, Trigona Minangkabao, And The Honeybee, Apis Mellifera: An Experimental Study Of Fertilization Efficiency. *Research in Population Ecology: 35* 95-111.
- Laksono P. Raffiudin & R. Juliandi B. 2020. Stingless Bees *Tetragonula laeviceps* and *T. aff. biroi*: Geo-Metric Morphometry Analysis Of Wing Venation Variations.
- Mason, W.R.M. 1986. Standard Drawing Conventions And Definitions For Venational And Other Features Of Wings Of Hymenoptera. *Proceedings Of The Entomological Society Of Washington: 88*(1), 1–7.
- Maulidiyah, A. G., Kahono, S., & Syamsir, S., 2023. Distribution, Nest Architecture, And Forage Plants Of An Endemic Wallacean Species Of Stingless Bee

Wallacetrigona Incisa (Apidae: Meliponini) In Sulawesi, Indonesia. *Journal Of Research Square*.

- Michener, C.D. 2007. *The Bees of the World* (Ed 2) Baltimore: The Johns Hopkins University Press.
- Michener, C.D. & Boongird, S. 2004. A New Species Of *Trigona* From Peninsular Thailand (Hymenoptera: Apidae: Meliponini). *Journal of the Kansas Entomological Society*: 77, 143-146.
- Moure, J. S. 1964. Dua Genus Baru Lebah Halictine Dari Subwilayah Araucanian Di Amerika Selatan (Hymenoptera: Apoidea). *Jurnal Masyarakat Entomologi Kansas*: 37 (4), 265-275.
- Nagamitsu, T & Inoue, T. 2005. Floral resource utilization by stingless bees (Apidae, Meliponini). In. Roubik, D.W., Sakai, S. & Hamid, A.A. (Eds.). *Pollination Ecology and the Rain Forest: Sarawak Studies*, pp. 73-88. Berlin: *Springer Science & Business Media*.
- Nogueiro-Neto, P. 1953. A Criação de Abelhas Indígenas sem Ferrão (Meliponinae). *Chácaras e Quintais*.
- Radloff, S.E., Hepburn, H.R. & Engel, M.S. 2011. The Asian species of *Apis*. In H.R. Hepburn & S.E. Radloff, eds. *Honeybees of Asia*. Springer Verlag: 1–22.
- Rasmussen, C. 2008. Catalog of the Indo-Malayan / Australasian stingless bees (Hymenoptera: Apidae: Meliponini). *Zootaxa*: 1935, 1–80.
- Rasmussen, C., Thomas, J.C. & Engel, M.S. 2017. A new genus of Eastern Hemisphere stingless bees (Hymenoptera: Apidae), with a key to the supraspecific groups of Indomalayan and Australasian Meliponini. *American Museum Novitates*: 3888, 1–33.
- Rasmussen, C., & Cameron, S. A. 2007. Filogeni molekuler lebah tanpa sengat Dunia Lama (Hymenoptera: Apidae: Meliponini) dan non-monofili genus besar Trigona. *Entomologi Sistematis*: 32 (1), 26-39.
- Rasmussen, C. 2008. Catalog of The Indo-Malayan/Australasian Stingless Bees (Hymenoptera: Apidae: Meliponini). *Zootaxa*: 1935, 1-8.
- Rasmussen, C., & Cameron, S. A. 2010. Filogeni lebah tanpa sengat global mendukung divergensi purba, vikariansi, dan penyebaran jarak jauh. *Jurnal Biologi Linnean Society*: 99 (1), 206-232.
- Ribi, W. A, Engels, E., & Engels, W. 1989. Struktur Mata Khusus Jenis Kelamin Dan Kasta Pada Lebah Tanpa Sengat Dan Lebah Madu (Hymenoptera: Trigonidae, Apidae). *Entomologia Generalis*: 14 , 233-242.
- Roubik, D.W. 1989. *Ecology and Natural History of Tropical Bees*. Cambridge: *Cambridge University Press*.

- Sakagami, S. F., & Michener, C. D. 1987. Tribes of Xylocopinae and origin of the Apidae (Hymenoptera: Apoidea). *Annals of the Entomological Society of America*: 80(3), 439-450.
- Sakagami, S. F., Inoue, T., Yamane, S., & Salmah, S. 1989. Nests Of The Myrmecophilous Stingless Bee, *Trigona Moorei*: How Do Bees Initiate Their Nest Within An Arboreal Ant Nest?. *Biotropica*: 265-274.
- Sakagami S. F, Inoue T, & Salmah S. 1990. Stingless Bees Of Central Sumatra. Di Dalam: Sakagami SF, Ohgushi R, Roubik DW (Eds.) Natural History Of Social Wasps And Bees In Equatorial Sumatra. Sapporo: Hokkaido Univ Press. hlm: 125–137.
- Salmah, S., & Swasti, E. 2017. Aktivitas Terbang Harian *Trigona Laeviceps* Dan *T. Minangkabau* Pada Pertanaman Cabai Merah (*Capsicum Annuum* L.) Di Dataran Rendah Dan Tinggi Sumatera Barat. *Jurnal Internasional Ilmu Lingkungan Terapa*: 12 (8), 1497-1508.
- Salatnaya, H., Kahono, S., Suhri, A. G. M. I., Ismanto, A., Anggraeni, I., Fara, S. B., ... & Hashifah, F. N. 2023. *Diversity, Distribution, Nesting, and Foraging Behavior of Stingless Bees and Recent Meliponiculture in Indonesia. In Melittology-New Advances.*
- Samsudin S.S., Mohd, R. M., & Izfa, R. H. 2018. Taxonomy Study On Selected Species Of Stingless Bee (Hymenoptera: Apidae: Meliponini) In Peninsular Malaysia.
- Sayusti, T., Raffiudin, R., Kahono, S., & Nagir, T. 2021. Lebah Tanpa Sengat (Hymenoptera: Apidae) Di Sulawesi Selatan Dan Barat, Indonesia: Morfologi, Struktur Sarang, Dan Karakteristik Molekuler. *Jurnal Penelitian Apikultur*: 60 (1), 143-156.
- Schwarz, H.F. 1939. Results Of The Oxford University Sarawak (Borneo) Expedition: Bornean Stingless Bees Of The Genus *Trigona*. *Bulletin Of The American Museum Of Natural History*: 7, 281–328.
- Siregar, H. C. H., A. M. Fuah, & Y. Octaviany. 2011. Propolis Madu Multikasiat. Penebar Swadaya, Jakarta.
- Smith, F. G. 1957. Bee botany in East Africa. *The East African Agricultural Journal*: 23(2), 119-126.
- Thomas, S. G., Rehel, S. M., Varghese, A., Davidar, P., & Potts, S. G. 2009. Lebah Sosial Dan Asosiasi Tanaman Pangan Di Cagar Biosfer Nilgiri, India. *Ekologi Tropis*: 50 (1), 79.
- Trianto M, & Purwanto T. 2020. Morphological Characteristics And Morphometrics Of Stingless Bees (Hymenoptera: Meliponini) In Yogyakarta, Indonesia

- Trianto, M., & Purwanto, H. 2022. Diversity, abundance, and distribution patterns of stingless bees (Hymenoptera: Meliponini) in Yogyakarta, Indonesia. *Biodiversitas Journal of Biological Diversity*: 23(2).
- Van Der Kooi, C. J., Vallejo-Marín, M., & Leonhardt, S. D. 2021. Mutualisms and (a) symmetry in plant–pollinator interactions. *Current Biology*: 31(2), R91-R99.
- Velthuis, H.H.W. 1997. The Biology of Stingless Bees. Utrecht: Utrecht University Press.
- Wille, A. 1983. Biology of stingless bees. *Annual Review of Entomology*: 28(1), 41-64.

