

DAFTAR PUSTAKA

- Abduh, M.Y., Ramdhani, F., Setiawan, A., Rifqialdi, G., Rahmawati, A. & Zainudin, I.M., 2023. Determination of productivity, yield and bioactivity of propolis extract produced by *Tetragonula spp.* Cultivated in Modular *Tetragonula hives*. *Heliyon*. 9(23), pp. 20-23.
- Agussalim, A., Agus, A., Umami, N. & Budisatria, I.G.S., 2017. The effect of daily activities stingless bees of *Trigona sp.* on honey production. In *International Seminar on Tropical Animal Production (ISTAP)*. pp. 223-227.
- Agustina, A., Suryandari, R.T. & Putro, T.R., 2022, April. Patterns of *Tetragonula laeviceps* (smith) colony activity in KHDTK gunung bromo UNS. In *IOP Conference Series: Earth and Environmental Science* (Vol. 1016, No. 1, p. 012057). IOP Publishing.
- Aleixo, K.P., Menezes, C., Imperatriz Fonseca, V.L. & da Silva, C.I., 2017. Seasonal availability of floral resources and ambient temperature shape stingless bee foraging behavior (*Scaptotrigona aff. depilis*). *Apidologie*, 48, pp.117-127.
- Barbosa, F.M., Campos, L.A.D.O., Paixão, J.F.D. & Alves, R.M.D.O., 2016. Foraging pattern and harvesting of resources of subterranean stingless bee *Geotrigona subterranea* (Friese, 1901) (Hymenoptera: Apidae: Meliponini). *Papéis Avulsos de Zoologia*, 56, pp.151-157.
- Chui, S.X., Keller, A. & Leonhardt, S.D., 2022. Functional resin use in solitary bees. *Ecological Entomology*, 47(2), pp.115-136.
- Fadhilah R & Rizkika K. 2015. *Laba Lebah Tanpa Sengat*. Depok (ID): PT. Trubus Swadaya.
- Fadhilah, S.N., Budiarsa, I.M., Dhafir, F., Ramadhan, A. & Trianto, M., 2023. Morphology, Morphometry, and Nest Structure of *Tetragonula biroi* (Hymenoptera: Meliponini) In Central Sulawesi. *Jurnal Biologi Tropis*, 23(3), pp.76-82.
- Ferreira Junior, N.T., Blochtein, B. & Moraes, J.F.D., 2010. Seasonal flight and resource collection patterns of colonies of the stingless bee *Melipona bicolor schencki* Gribodo (Apidae, Meliponini) in an Araucaria forest area in southern Brazil. *Revista Brasileira de Entomologia*, 54, pp.630-636.
- Figueiredo-Mecca, G., Bego, L.R. & do Nascimento, F.S., 2013. Foraging behavior of *Scaptotrigona depilis* (Hymenoptera, Apidae, Meliponini) and its relationship with temporal and abiotic factors. *Sociobiology*, 60(3), pp.267-282.
- Fowler J, Cohen L, & Jarvis P. 1998. *Practical Statistics for Field Biology*. Chichester (GB): John Wiley & Sons.
- Gouw, M.S. & Gimenes, M., 2013. Differences of the daily flight activity rhythm in two neotropical stingless bees (Hymenoptera, Apidae). *Sociobiology*, 60(2), pp.183-189.

- Haneda, N.F., Rusniarsyah, L. & Robbani, M.R., 2022. Aktivitas Terbang dan Perkembangan Koloni Lebah Kelulut (*Tetragonula laeviceps*) di Kampus IPB Darmaga Bogor: Flying Activities and Development of The Colony of Kelulut Bees (*Tetragonula laeviceps*) at IPB Darmaga Campus, Bogor. *Hutan Tropika*, 17(1), pp.30-39.
- Harjanto, S., Mujiyanto, M. & Ramlan, A., 2020. *Alternatif Mata Pencacarian Masyarakat*. Yogyakarta: Yayasan Swaraowa.
- Hilario, S.D., Ribeiro, M.D.F. & Imperatriz-Fonseca, V.L., 2012. Can climate shape flight activity patterns of *Plebeia remota* Hymenoptera, Apidae)?. *Iheringia. Série Zoologia*, 102, pp.269-276.
- Kahono, S., Chantawannakul, P. & Engel, M.S., 2018. Social bees and the current status of beekeeping in Indonesia. *Asian beekeeping in the 21st century*, pp.287-306.
- Kwapong, P., Aidoo, K., Combey, R. & Karikari, A., 2010. Stingless bees. *Importance, management and utilization. A training manual for stingless beekeeping*, pp.1-72.
- Lamerkabel, J.S., Siahaya, V.G., Saepuloh, W., Lastriyanto, A., Junus, M., Erwan, E., Batoro, J., Jaya, F. & Masyithoh, D., 2021. Karakteristik Morfologi dan Morfometrik Lebah Madu Tak Bersengat (Apidae; Melliponinae) pada Koloni di Daerah Pesisir Pulau Ambon. *Jurnal Budidaya Pertanian*, 17(1), pp.28-35.
- Listanti, R., Masrukhi, M., Novitasari, D. & Safitri, E., 2022. Pengembangan Usaha Budidaya Lebah *Trigona* sp. (Klanceng) Melalui Peningkatan Produksi dan Teknik Pengemasan di Desa Glempang Kecamatan Pekuncen Kabupaten Banyumas. *In Prosiding Seminar Nasional LPPM Unsoed*, 11(1), pp.2-3.
- Nascimento, D.L. & Nascimento, F.S., 2012. Extreme effects of season on the foraging activities and colony productivity of a stingless bee (*Melipona asilvai* Moure, 1971) in Northeast Brazil. *Psyche: A Journal of Entomology*, 20(12), pp.5-8.
- Pribadi, A., 2020. Produktivitas panen propolis mentah lebah *Trigona itama* Cockerell (Hymenoptera: Apidae) menggunakan propolis trap dan manipulasi lingkungan di Riau. *Majalah Ilmiah Biologi BIOSFERA: A Scientific Journal*, 37(2), pp.60-68.
- Puteri, G., Herwina, H. & Janra, M.N., 2022, July. Foraging Activity of *Tetragonula laeviceps* Workers for Natural Resources and Nest Materials at a Polyculture Cropland in Batusangkar, Tanah Datar Regency, West Sumatra. In *IOP Conference Series: Earth and Environmental Science* (Vol. 1059, No. 1, p. 012086). IOP Publishing.
- Putra, R.E., Subagio, J., Kinasih, I., Permana, A.D. & Rosmiati, M., 2017. Pola kunjungan serangga liar dan efek penambahan koloni *Trigona Tetragonula laeviceps* Smith pada penyerbukan kabocha (*Cucurbita maxima*). *Jurnal Entomologi Indonesia*, 14(2), pp.69-79.

- Rodrigues, M., Santana, W.C., Freitas, G.S. & Soares, A.E.E., 2007. Flight activity of *Tetragona clavipes* (Fabricius, 1804) (Hymenoptera, Apidae, Meliponini) at the São Paulo University campus in Ribeirão Preto. *Biosci. j. (Online)*, pp.118-124.
- Roubik, D.W., 2006. Stingless bee nesting biology. *Apidologie*, 37(2), pp.124-143.
- Salatnaya, H., Widodo, W.D. & Fuah, A.M., 2020. The influence of environmental factors on the activity and propolis production of *Tetragonula laeviceps*. *Jurnal Ilmu Produksi dan Teknologi Hasil Peternakan*, 8(2), pp.67-71.
- Shanahan, M. & Spivak, M., 2021. Resin use by stingless bees: A review. *Insects*, 12(8), pp.7-19.
- Sihombing, D.T.H. 2005. *Ilmu Ternak Lebah Madu*. Cetakan kedua. Yogyakarta: Gajah Mada University Press.
- Suriawanto, N., Atmowidi, T. & Kahono, S., 2017. Nesting sites characteristics of stingless bees (Hymenoptera: Apidae) in Central Sulawesi, Indonesia. *Journal of Insect Biodiversity*, 5(10), pp.1-9.
- Vossler FG. 2012. Flower visits, nesting and nest defence behavior of stingless bees (apidae: meliponini): suitability of the bee species for meliponini culture in the argentinean chaco region. *Apidologie*. 4(3), pp.139–161.
- Wallace, H.M. & Lee, D.J., 2010. Resin-foraging by colonies of *Trigona sapiens* and *T. hockingsi* (Hymenoptera: Apidae, Meliponini) and consequent seed dispersal of *Corymbia torelliana* (Myrtaceae). *Apidologie*, 41(4), pp.428-435.
- Wibowo, F.A.C. & Ramadhan, M.R., 2022. Budidaya Lebah *Trigona* sp. Upaya Meningkatkan Produktivitas Masyarakat Dusun Tretes Sekitar Khdtk Pujon Hill. *Budimas: Jurnal Pengabdian Masyarakat*, 4(2), pp.589-594.
- Widodo, A. 2020. *Budidaya Lebah Madu*. Yogyakarta: Seri Peternakan Modern, Pustaka Baru Press.
- Winarno, G.D., Sugeng, P.H., Niskan, W.M. & Afif, B., 2019. *Pengelolaan Hasil Hutan Bukan Kayu Andalan Lampung*. Bandar Lampung: Graha Ilmu.
- Yustia, I.P.J., Rauf, A. & Maryana, N., 2017. Ritme aktivitas penerbangan harian *Tetragonula laeviceps* (Smith) (Hymenoptera: Apidae) di Bogor. *Jurnal Entomologi Indonesia*, 14(3), pp.117-117.