

## DAFTAR PUSTAKA

- Abramovic, H., M. Jamnik, L. Burkan, and M. Kac. 2007. Water Activity and Water Content in Slovenian Honeys. *Food Conrol.* 19(2008): 1086-1090.
- Abqoriyah, R. Utomo, Dan B. Suwignyo. 2015. Produktivitas Tanaman Kaliandra (*Calliandra Calothyrsus*) sebagai Hijauan Pakan pada Umur Pematangan yang Berbeda. *Buletin Peternakan.* 39(2): 103-108.
- Alvarez-Suarez, J. M., F. Giampieri, A. Brenciani, L. Mazzoni, M. Massimiliano, A. M. Gonzalez-Paramas, C. Santos-Buelga, G. Morroni, S. Simoni, T. Y. Forbes-Hernandez, S. Afrin, E. Giovanetti, and M. Battino. 2018. *Apis mellifera* vs. *Melipona beecheii* Cuban Polifloral Honey: a Comparison Based on Their Physicochemical Parameters, Chemical Composition and Biological Properties. *LWT-Food Science and Technology.* 87: 272-279.
- Alzahrani, H. A., R. Alsabehi, L. Boukraa, F. Abdellah, Y. Bellik, and B. A. Bakhotmah. 2012. Antibacterial and Antioxidant Potency of Floral Honeys from Different Botanical and Geographical Origins. *Molecules.* 17(9): 10540-10549.
- Badan Standar Nasional Indonesia. 2013. Standar Nasional Indonesia (SNI). SNI 3545-2013. Madu. Dewan Standarisasi Indonesia. Jakarta.
- Banjarnahor, S. D. S., and N. Artanti. 2014. Antioxidant Properties of Flavonoids. *Med J Indones.* 23(4): 239-244.

- Bogdanov, S., T. Jurendic, R. Sieber, and P. Gallmann. 2008. Honey for Nutrition and Health: a Review. *American Journal of the College of Nutrition*. 27(6): 677-689.
- Bouhlali, E. T., M. Bammou, K. Sellam, M. Ramchoun, M. Benlyas, C. Alem, and Y. Filali-Zegzouti. 2016. Evaluation of Antioxidant, Antibacterial and Antifungal Activities of Eleven Monofloral Honey Samples Collected from Morocco. *Journal of Chemical and Pharmaceutical Research*. 8(3): 299-306.
- Boulanouar, B., H. Mounir, B. Ahmed, and G. Abdelaziz. 2017. Total Phenolic, Flavonoid Contents and Antioxidant Activities of Honey and Propolis Collected from the Region of Laghouat (South of Algeria). *International Journal of Pharmacognosy and Chinese Medicine*. 1(2): 1-4.
- Brodowska, K. M. 2017. Natural Flavonoids: Classification, Potential Role, and Application of Flavonoid Analogues. *European Journal of Biological Research*. 7(2): 108-123.
- Campos, M. G. R., S. Bogdanov, L. B. de Almeida-Muradian, T. Szczesna, Y. Mancebo, C. Frigeri, and F. Ferreira. 2008. Pollen Composition and Standardisation of Analytical Methods. *Journal of Apicultural Research and Bee World*. 47(2): 156–163
- Castellano, G., T. Tena, and F. Torrens. 2012. Classification of Phenolic Compounds by Chemical Structural Indicators and its Relation to Antioxidant Properties of *Posidonia Oceanica* (L.) Delile. *MATCH*. 67(1): 231-250.
- Chamberlain, J. R. 2001. *Calliandra calothyrsus* an Agroforestry Tree for the Humid Tropics. United

Kingdom: Oxford Forestry Institute Department of  
Plant Sciences University of Oxford.

- Chua, L. S., N. L. A. Rahaman, N. A. Adnan, and T. J. E. Tan. 2013. Antioxidant Activity of Three Honey Samples in Relation with Their Biochemical Components. *Journal of Analytical Methods in Chemistry*. 66(3): 1-8.
- Harakan, M. A. 2016. Intensitas Warna, Kadar Total Fenolik dan Flavonoid serta Aktivitas Antioksidan pada Empat Jenis Madu Monoflora. Skripsi. Universitas Brawijaya.
- Hussein, S Z., K. M. Yusoff, S. Makpol, and Y. A. M. Yusof. 2011. Antioxidant Capacities and Total Phenolic Contents Increase with Gamma Irradiation in Two Types of Malaysian Honey. *Moecules*. 16(8): 6378-6395.
- Ilyasov, R. A., and A. Neal. 2015. Burzyan Wild-Hive Honeybee *A. M. mellifera* in South Ural. *Bee worl*. 92(1): 6-11.
- Izzati, N. N., Diniatik, dan W. S. Rahayu. 2012. Aktivitas Antioksidan Ekstrak Perasan Daun Manggis (*Garcinia Mangostana* L.) Berdasarkan Metode DPPH (2,2 Diphenyl-1-Phycryl Hydrazil). *PHARMACY*. 9(3): 111-121.
- Jaya, F. 2017. Produk-produk Lebah Madu dan Hasil Olahannya. Malang: UB Press.
- Jensen, M. 2007. *Beekeeping with Apis cerana indica*. Denmark: Danish Beekeepers Association.
- Junus, M. 2017. *Produksi Lebah Madu*. Malang: UB Press.

- Kabel, A. M. 2014. Free Radicals and Antioxidants: Role of Enzymes and Nutrition. *World Journal of Nutrition and Health*. 2(3): 35-38.
- Khalil, M. I., S. A. Sulaiman, and L. Boukraa. 2010. Antioxidant Properties of Honey and its Role in Preventing Health Disorder. *The Open Nutraceuticals Journal*. 3(1): 6-16.
- Khalil, M I., M. Moniruzzaman, L. Boukraâ, M. Benhanifia, M. A. Islam, M. N. Islam, S. A. Sulaiman, and S. H. Gan. 2012. Physicochemical and Antioxidant Properties of Algerian Honey. *Molecules*. 17(9): 11199-11215.
- Koetz, A. H. 2013. Ecology, Behaviour and Control of *Apis cerana* with a Focus on Relevance to the Australian Incursion. *Insects*. 4(4): 558-592.
- Kumar, S. 2014. The Importance of Antioxidant and Their Role in Pharmaceutical Science - A Review. *Asian Journal of Research in Chemistry and Pharmaceutical Sciences*. 1(1): 27-44.
- Kumar, M. S., A. J. A. R. Singh, and G. Alagumuthu. 2012. Traditional Beekeeping of Stingless Bee (*Trigona* sp.) by Kani Tribes of Western Ghats, Tamil Nadu, India. *Indian Journal of Traditional Knowledge*. 11(2): 342-345.
- Lachman, J., A. Hejtmankova, J. Sykora, J. Karban, M. Orsak, and B. Rygerova. 2010. Contents of Major Fenolik and Flavonoid Antioxidants in Selected Czech Honey. *Czech J. Food Sci.*. 8(5) : 412-426.
- Lamerkabel, J. S. A. 2011. Mengenali Jenis-Jenis Lebah Madu, Produk-Produk dan Cara Budidayanya. *Logika*. 9(1): 70-78.

- Maqsood, S., S Benjakul, A. Abushelaibi, and A. Alam. 2014. Phenolic Compounds and Plant Phenolic Extracts as Natural Antioxidants in Prevention of Lipid Oxidation in Seafood: A Detailed Review. *Comprehensive Review in Food Science and Food Safety*. 13(6): 1125-1140.
- Mierziak, J., K. Kostyn, and A. Kulma. 2014. Flavonoids as Important Molecules of Plant Interactions with the Environment. *Molecules*. 19(16): 16240-16265.
- Moniruzzaman, M., C. Y. An, P. V. Rao, M. N. I, Hawlader, S. A. B. M. Azlan, S. A. Sulaiman, and S. H. Gan. 2014. Identification of Fenolik Acids and Flavonoids in Monofloral Honey from Bangladesh by High Performance Liquid Chromatography: Determination of Antioxidant Capacity. *BioMed Research International*: 1-11.
- Moniruzzaman, M., S. A. Sulaiman, S. A. M. Azlan, and S. H. Gan. 2013. Two-Year Variations of Phenolics, Flavonoids and Antioxidant Contents in Acacia Honey. *Molecules*. 18(2): 14694-14710.
- Mortensen, A. N., D. R. Schmehl, and J. Ellis. 2013. European honey bee *Apis mellifera Linnaeus*, and Subspecies (Insecta: Hymenoptera: Apidae). Florida. University of Florida.
- Ozcan, T., A. Akpınar-Bayizit, L. Yılmaz-Ersan, and B. Delikanlı. 2014. Phenolic in Human Health. *International Journal of Chemical Engineering and Applications*. 5(5): 393-396.
- Park, D., J. W. Jung, B. Choi, M. Jayakodi, J. Lee, J. Lim, Y. Yu, Y. Choi, M. Lee, Y. Park, I. Choi, T. Yang, O. R. Edwards, G. Nah, and H. W. Kwon. 2015. Uncovering the Novel Characteristics of Asian Honey

- Bee, *Apis cerana*, by Whole Genome Sequencing. Research Article. 10(1): 1-16.
- Parwata, I. M. O. A., K. Ratnayani dan A. Listya. 2010. Aktivitas Antiradikal Bebas serta Beta Karoten pada Madu Randu (*Ceiba petandra*) dan Madu Kelengkeng (*Nephelium longata* L.). J. Kimia. 4(1): 54-62.
- Pereira, D. M., P. Valentao, J. A. Pereira, and P. B. Andrade. 2009. Phenolics: from Chemistry to Biology. Molecules. 14(6): 2202-2211.
- Pontis, J. A., L. A. M. A. Da Costa, S. J. Reis, and A. Flach. 2014. Color, Fenolik and Flavonoid Content, and Antioxidant Activity of Honey from Roraima, Brazil. Food Science and Technology. 34(1): 69-73.
- Putra, P. A. H., N. L. Watiasih, dan N. M. Suartini. 2014. Struktur dan Produksi Lebah *Trigona* Spp. pada Sarang Berbentuk Tabung dan Bola. Jurnal Biologi. 18(2): 60-64.
- Ranneh, Y., F. Ali, M. Zarei, A. M. Akim, H. A. Hamid, and H. Khazaai. 2018. Malaysian Stingless Bee and Tualang honeys: A comparative characterization of total antioxidant capacity and phenolic profile using liquid chromatography-mass spectrometry. LWT - Food Science and Technology. 89: 1-9.
- Saric, G., K. Markovic, N. Major, M. Karpan, N. Ursulin-Trstenjak, M. Hruskar, and N. Vahcic. 2012. Changes of antioxidant activity and fenolik content in acacia and multifloral honey during storage. Food Technol. Biotechnol. 50(4): 434-441.
- Sarwono, B. 2007. Lebah Madu. Jakarta: PT AgroMedia Pustaka.

- Sayuti, K., dan R. Yenrina. 2015. Antioksidan Alami dan Sintetik. Padang: Andalas University Press.
- Sebuliba, E., P. Nyeko, M. Majaliwa, G. Eilu, C. L. Kizza, and A. Ekwamu. 2012. Enhanced Growth of Multipurpose Calliandra (*Calliandra calothyrsus*) Using Arbuscular Mycorrhiza Fungi in Uganda. *The Scientific World Journal*. 2012(6): 1-6.
- Sharma, G. N., S. K. Dubey, N. Sati, and J. Sanadya. 2011. Phytochemical Screening and Estimation of Total Phenolic Content in *Aegle marmelos* Seeds. *International Journal of Pharmaceutical and Clinical Research*. 3(2): 27-29.
- Shebis, Y., D. Iluz, Y. Kinel-Tahan, Z. Dubinsky, and Y. Yehoshua. 2013. Natural Antioxidants: Function and Sources. *Food and Nutrition Sciences*. 4(6): 643-649.
- Shehu, A., M. A. K. Rohin, A. A. Aziz, dan S. Ismail. 2013. Antibacterial Activity and Antioxidant Capacity of Malaysian Tualang Honey. *International Journal of Science and Research*. 4(4): 1758-1762.
- Ustadi, L. E. Radiati, dan I. Thohari. 2017. Komponen Bioaktif pada Madu Karet (*Hevea Brasiliensis*) Madu Kaliandra (*Calliandra Callothyrsus*) dan Madu Randu (*Ceiba Pentandra*). *Jurnal Ilmu Dan Teknologi Hasil Ternak*. 12(2): 97-102.
- Wibowo, B. A., M. Rivai, dan Tasripan. 2016. Alat Uji Kualitas Madu Menggunakan Polarimeter dan Sensor Warna. *Jurnal Teknik ITS*. 5(1): 28-33.
- Zerrouk, S. H., B. G. Fallico, E. N. Arena, G. F. Ballistreri, and L. A. Boughediri. 2011. Quality Evaluation of Some Honey from the Central Region of Algeria. *Jordan Journal of Biological Sciences*. 4(4): 243-248.

Zhao, H., N. Cheng, L. He, G. Peng, X. Xue, and L. Wu. 2017. Antioxidant and Hepatoprotective Effects of *A. cerana* Honey Against Acute alcohol-induced Liver Damage in Mice. Food Research International.101(16): 35-44.