



DAFTAR PUSTAKA

- Amela Garcia, M.T. & P.S. Hoc. 2011. Pollination mechanisms in *Passiflora* species: The common and the rare flowers – ecological aspects and implications for horticulture 23 Raskin, N.D. & Vuturro, P.T. *Pollination: Mechanisms, ecology and agricultural advances*. Nova Science Publishers Hauppauge, NY. pp. 33-55.
- Anjana B., P.N. Sajith Kumar, C. T. Harsha, & K. M. H. Fabi. 2021. Pharmacognostical, phytochemical studies of the leaves of *Passiflora quadrangularis* L. *European Journal of Biomedical and Pharmaceutical Sciences*, 8(10): 180-184.
- Asadujjaman M., A.U. Mishuk., M.A. Hossain., U.K. Karmakar. 2014. Medicinal Potential of *Passiflora foetida* L. Plant Extracts: Biological and Pharmacological Activities. *Journal of Integrative Medicine*, 12(2): 121-126.
- Ataide, E.M., J.C.D. Oliveira, C. Ruggiero. 2012. Flowering and fructification of wild passion fruit *Passiflora setacea* D. C. grown in Jaboticabal, SP. SP. Rev. Bras. Frutic, 34:377-381.
- Backer, C. A., & Bakhuizen van den Brink. 1965. *Flora of Java*. Wolters-Noordhof NV. Groningen. pp.288-292.
- Bisht, T., R. Vinod, B. Himani. 2020. A Review on Genus *Passiflora*: An Endangered Species. *IOSR Journal Of Pharmacy And Biological Sciences (IOSR-JPBS)*, 15(4): 17-21.
- Camargo, M. A. & R. A. Marenco. 2010. Density, size and distribution of stomata in 35 rainforest tree species in Central Amazonia. *Acta Amazonica*, 41:205-212.
- Cerdeira-Silva, C.B.M., Faleiro, F.G., Jesus, O.N.D., Santos, E.S.L.D. & Souza, A.P.D., 2016. The genetic diversity, conservation, and use of passion fruit (*Passiflora* spp.). In *Genetic diversity and erosion in plants*. Springer, Cham. pp. 215-231
- Chitwood D.H. & W.C. Otoni. 2017. a Morphometric analysis of *Passiflora* leaves: the relationship between landmarks of the vasculature and elliptical Fourier descriptors of the blade. *Giga Science*, 6(1): 1–13.
- Deshmukh, N. A., R. K. Patel, S. Okram, H. Rymbai, S. S. Roy and A. K. Jha. 2017. *Passion fruit (Passiflora spp.)*. In: S. N. Ghosh, A. Singh and A. Thakur (eds.). Un-utilized fruit crops: importance and cultivation. JAYA Publishing House, Delhi, India. pp. 979–1005.
- Diatrinari, F. & Purnomo, P., 2019. Hubungan Kekerabatan Fenetik Kultivar Krisan (*Chrysanthemum morifolium* Ramat.) Di Pakem, Daerah Istimewa Yogyakarta Berdasarkan Karakter Anatomis Daun dan Batang. *Bioma*, 15(1): 21-26.



- Feuillet, C & J.M. MacDougal. 2003. A new infrageneric classification of *Passiflora* L. (Passifloraceae). *Passiflora*, 13: 34-39.
- Gilman, E.F. 1999. *Passiflora coccinea*. https://hor.ifs.ufl.edu/database/documents/pdf/shrub_fact_sheets/pascoca.pdf. Diakses pada 28 Maret 2021.
- Gotoh, E., N. Suetsugu, T. Higa, T. Matsushita, H. Tsukaya, M. Wada. 2018. Palisade cell shape affects the light-induced chloroplast movements and leaf photosynthesis. *Scientific Report* 8, 1472: 1-9.
- Govaerts, R (2022). The World Checklist of Vascular Plants (WCVP). Royal Botanic Gardens, Kew. <https://doi.org/10.15468/6h8ucr>. Diakses melalui GBIF.org pada 8 Januari 2023.
- Gower, J. C. 1971. A General Coefficient of Similarity and Some of Its Properties. *Biometrics*, 27(4): 857-871.
- Hamidah., H. Tsawab, & Rosmanida. 2016. Analysis of *Hylocereus* spp. diversity based on phonetic method. *AIP Conf. Proc.* 1854: 1-8.
- Haryanti, S. 2012. Jumlah dan distribusi stomata pada daun beberapa spesies tanaman dikotil dan monokotil. *Buletin Anatomi dan Fisiologi*, 18(2): 21-25.
- Hatubarat, R.C., R. Tarigan., S. Barus., F. Nasution. 2016. Karakterisasi Morfologi dan Anatomi Markisa F1 di Kebun Percobaan Berastagi (Morphology and Anatomy Characterization of Passion Fruit in Berastagi Experimental Farm). *Jurnal Hortikultura*, 26(2): 189-196.
- Iroka, C.F., C.U. Okeke., A.I. Izundu., N.C. Okereke., B.L. Nyanayo., K.U. Ekwealor. 2015. Taxonomic Significance of Morphological Characters in the Species of *Stachytarpheta* Found in Awka, Nigeria. *International Journal of Plant & Soil Science*, 8(3): 1-6.
- Li, H., P. Zhou, Q. Yang, Y. Shen, J. Deng, L. Li, D. Zhao. 2011. Comparative studies on anxiolytic activities and flavonoid compositions of *Passiflora edulis* 'edulis' and *Passiflora edulis* 'flavicarpa'. *Journal of ethnopharmacology*, 133(3): 1085-1090.
- Limbongan, Y. L. & M. B. Nappu. 2015. Eksplorasi dan Karakterisasi Plasma Nutfaf Tanaman Markisa (*Passiflora quadrangularis* L.). *Jurnal AgroSaint*, 6(1): 9-13.
- Muntafiah, A., Ernawati, D.A., Suryandhana, L., Pratiwi, R.D. & Marie, I.A., 2017. Pengaruh Sari Markisa Ungu (*Passiflora edulis* var *Edulis*) Berbagai Dosis terhadap Profil Lipid Tikus Wistar Model Hiperkolesterolemia. *Nutrition and Food Research*, 40(1): 1-8.
- Narendreswari. A.R. 2014. Kajian Fungsi Tanaman Lanskap di Jalur Hijau Jalan Laksda Adisucipto. *Jurnal Vegetalika*, 3(1): 1-11.
- Nathaniel, A.N., I.N.K. Putra, dan A. Wiadnyani. 2020. Pengaruh Suhu dan Waktu Pengeringan Terhadap Aktivitas Antioksidan dan Sifat Sensoris Teh Herbal



Celup Daun Rambusa (*Passiflora foetida* L.). *Jurnal Ilmu Dan Teknologi Pangan (ITEPA)*, 9(3):308-320.

Negrutiu, I., M. W. Frohlich, & O. Hamant. 2020. Flowering plants in the Anthropocene: A political agenda. *Trends in Plant Science*, 25(4): 349-368.

Ocampo Pérez, J. & G. d'Eeckenbrugge. 2017. Morphological characterization in the genus *Passiflora* L.: an approach to understanding its complex variability. *Plant Systematics and Evolution*, 303:531-558.

Patil, A., B. Lade, H. Paikrao. 2015. A scientific update on *Passiflora foetida*. *European Journal of Medicinal Plants*, 5(2):145-155.

Prasgi, H.C., D. S. B. Pratama, A. G. P. C. Kapitarauw, & S. Kasmiyati. 2021. Analisis Hubungan Kekerabatan Fenetik serta Potensi Kegunaan Varietas *Portulaca oleracea* dan *Portulaca grandiflora* di Desa Grogol, Kelurahan Dukuh, Kota Salatiga. *Jurnal MIPA*, 11(1): 6-11.

Qurania, A., A. H. Wigena, & A. Kustiyo. 2012. Analisis tekstur citra anatomis stomata untuk klasifikasi freycinetia menggunakan k-nearest neighbor. *Jurnal FMIPA Unila*: 3(3): 28-31.

Ramaiya, S., J. S. Bujang, M. H. Zakaria, N. S. Shahbani. 2019. Floral Behaviour, Flowering Phenology and Fruit Production of Passion Fruit (*Passiflora* Species) in East Malaysia. *Journal of Agriculture Food and Development*, 6:1-9.

Retnowati, A., J. S. R. Rugayah, & D. Arifiani. 2019. *Status keanekaragaman hayati Indonesia: Kekayaan jenis tumbuhan dan jamur Indonesia*. LIPI Press. Jakarta. pp. 65-68.

Rouhan, G. & M. Gaudeul. 2014. *Plant Taxonomy: A Historical Perspective, Current Challenges, and Perspectives*. In P. Besse (Ed.), Molecular Plant Taxonomy: Methods and Protocols. Methods in Molecular Biology Vol. 1115 (pp. 1-37). Springer. New York.

Sánchez, I., F. Angel, M. Grum, M. C. Duque, M. Lobo, J. Tohme, & W. Roca. 1999. Variability of chloroplast DNA in the genus *Passiflora* L. *Euphytica*, 106(1): .15-26.

Santosa, D., S. Wahyuono, dan S.M. Widystuti. 2018. Kajian Makroskopi dan Mikroskopi *Scoparia dulcis* L. *Traditional Medicine Journal*, 23(1): 56-61.

Sari, N., Purnomo., B. S. Daryono., Suryadiantina., M. Setyowati. 2016. Variation and intraspecies classification of edible canna (*Canna indica* L.) based on morphological characters. *AIP Conference Proceedings* 1744: 1-8.

Setyawati, T., S. Nurlita., I.P. Bahri., G.T. Raharjo. 2015. *A Guide Book to Invasive Alien Plant Species in Indonesia*. Research, Development and Innovation Agency Ministry of Environment and Forestry Republic of Indonesia. Bogor. pp. 274-276.

Simpson, M. G. 2013. *Plant Systematics*. Boston, Elsevier (Academic Press), Amsterdam. pp. 10-13, 409.



Singh, G. 1999. *Plant Systematics an Integrated Approach*. Science Publisher. United States America. p 187.

Siregar, A. E. H. & T. Gultom. 2018. Karakterisasi Morfologi Markisa (*Passiflora*) di Kabupaten Karo Sumatera Utara. Dipresentasikan dalam Prosiding Seminar Nasional Biologi dan Pembelajarannya Universitas Negeri Medan, 12 Oktober 2018.

Soares, T. L., O. N. de Jesus, E. H. de Souza, & E. J. de Oliveira. 2018. Floral development stage and its implications for the reproductive success of *Passiflora* L. *Scientia Horticulturae*, 238: 333-342.

Sokal, R. R. & P. H. A. Sneath. 1973. *Principles of Numerical Taxonomy*. W. H. Freeman and company. San Francisco. p.5.

Souza, P. U., L. K. S. Lima, T. L. Soares, O. N. de Jesus, M. A. C. Filho, & E. A. Girardi. 2018. Biometric, physiological and anatomical responses of *Passiflora* spp. to controlled water deficit. *Scientia Horticulturae*, 229:77-90.

Stace, C. A. 1989. *Plant Taxonomy and Biosystematics*. Second Edition. Routledge Champman and Hall Inc. London. pp. 264.

Sunarmi, S., U. Fitriyati, E. Sri, W. Hayuana. 2021. Phenetic analysis of *Passiflora* in Probolinggo-East Java based on generative characteristic. *AIP Conference Proceedings* 2353, 030051.

Sutikno. 2018. *Buku Praktikum Mikroteknik Tumbuhan*. Yogyakarta : Fakultas Biologi Universitas Gadjah Mada. hal. 28-32.

Taneda, H. & I. Terashima. 2012. Co-ordinated development of the leaf midrib xylem with the lamina in *Nicotiana tabacum*. *Annals of Botany*, 110:35-45.

Tjirosoepomo, G. 2013. *Taksonomi Umum (dasar-dasar taksonomi tumbuhan)* cetakan ke 5. Gadjah Mada University Press. Yogyakarta. p 52.

UPOV. 2009. *Granadilla, Passiflora Fruit*. <https://www.upov.int/edocs/tgdocs/en/tg256.pdf>. Diakses tanggal 26 Maret 2021.

Widyatmoko, D., 2019. Strategi dan inovasi konservasi tumbuhan indonesia untuk pemanfaatan secara berkelanjutan. Prosiding SNPBS (Seminar Nasional Pendidikan Biologi dan Saintek) Ke-4.

WFO. 2022. *Passiflora foetida* L. Published on the Internet;<http://www.worldfloraonline.org/taxon/wfo-0000479879>. Accessed on 4 Nov 2022.

WFO. 2022. *Passiflora quadrangularis* L. Published on the Internet;<http://www.worldfloraonline.org/taxon/wfo-0000480101>. Accessed on 4 Nov 2022.

WFO. 2022. *Passiflora vitifolia* Kunth. Published on the Internet;<http://www.worldfloraonline.org/taxon/wfo-0000482100>. Accessed on 4 Nov 2022.



UNIVERSITAS
GADJAH MADA

Keanekaragaman Spesies dan Hubungan Fenetik Passiflora spp. di Daerah Istimewa Yogyakarta

berdasarkan Karakter Morfologis dan Anatomis

NUR 'AINI MAULIDIYAH, Prof. Dr. Purnomo, M.S.

Universitas Gadjah Mada, 2023 | Diunduh dari <http://etd.repository.ugm.ac.id/>

WFO. 2022. *Passiflora edulis* f. *flavicarpa* O.Deg. Published on the Internet; <http://www.worldfloraonline.org/taxon/wfo-0001090941>. Accessed on 4 Nov 2022.

WFO. 2022. *Passiflora edulis* Sims. Published on the Internet; <http://www.worldfloraonline.org/taxon/wfo-0000479905>. Accessed on 4 Nov 2022.

Wosch, L., D.C. Imig., A.C. Cervi., B.B. Moura., J.M. Budel., C.A.M. Santos. 2015. Comparative Study of *Passiflora* Taxa Leaves: I. A Morpho-Anatomic Profile. *Revista Brasileira de Farmacognosia*, 25: 328-343.

Xu, F.Q., N. Wang, W. W. Fan, C. T. Zi, H. S. Zhao, J. M. Hu, & J. Zhou. 2016. Protective effects of cycloartane triterpenoides from *Passiflora edulis* Sims against glutamate-induced neurotoxicity in PC12 cell. *Fitoterapia*, 115, pp.122-127.