DAFTAR PUSTAKA

Acharya, K. P., O. R. Vetaas and H. J. B. Birks. 2011. Orchid species richness along Himalayan elevational gradients. *Journal of Biogeography* 38: 1821–1833.

Adhikari, Y. P., A. Fischer and H. S. Fischer. 2016. Epiphytic orchid and their ecological niche under anthropogenic influence in central Himalayas, Nepal. *Journal of Mountain Science* 13: 1-11.

Agustin, D. and H. Widowati. 2015. Inventarisasi keanekaragaman anggrek (Orchidaceae) di Hutan Resort Way Kanan Balai Taman Nasional Way Kambas sebagai sumber informasi dalam melestarikan plasma nutfah. *Bioedukasi* 6(1): 38-46.

Alberta Horticultural Association. 2007. *Judging and Exhibiting Standards for Horticultural Shows*. Alberta Agriculture and Rural Development. Edmonton, p 79.

Ames, D., P. B. Acheson, L. Heshka, B. Joyce, J. Neufeld, R. Reeves, E. Reimer and I. Ward. 2005. *Orchids of Manitoba: A Field Guide*. Native Orchid Conservation Inc. Winnipeg, p 23.

Ariyanti, E. E. 2008. Inventarisasi anggrek di Kabupaten Sintang, Kalimantan Barat. *Biodiversitas* 9(1): 21-24.

Badan Pusat Statistik (BPS) Kabupaten Purworejo. 2018. Curah Hujan Kabupaten Purworejo Menurut Kecamatan, 2017. https://purworejokab.bps.go.id. Diakses 23 Agustus 2019 pukul 20.45 WIB.

Barman, D. and R. Devadas. 2013. Climate change on orchid population and conservation strategies: A review. *Journal of Crop and Weed* 9(2):1-12.

Cahyanto, T., E. Paujiah, and V. Yuliandiana. 2018. Anggrek epifit di kawasan konservasi Cagar Alam Gunung Tilu, Jawa Barat: komposisi spesies dan jenis pohon inangnya. *Bioma* 7(1): 82-94.

Coleman, R. A. 2002. *The Wild Orchids of Arizona and New Mexico*. Cornell University Press. Ithaca, p 2.

De, L. C., P. Pathak, A. N. Rao and P. K. Rajeevan. 2014. *Commercial Orchids*. De Gruyter Open. Berlin, p 132.

Djordjevic, V., S. Tsiftsis, D. Lakušic, S. Jovanovic and V. Stevanovic. 2016. Factors affecting the distribution and abundance of orchids in grasslands and herbaceous wetlands. *Systematics and Biodiversity* 14(4): 355-370.

Dressler, R, L. 1993. *Phylogeny and Classification of the Orchid Family*. Dioscorides Press. Portland, pp 43, 81-82, 153-154, 176, 202.

Dunn, A. S. and J. Arditti. 2009. *Mustard Seeds versus Orchid Seeds*. In: T. Kull, J. Arditti and S. M. Wong. Orchid Biology: Reviews and Perspectives. Springer Science and Business Media. Berlin, p 146.

Dunn, G. and B. S. Everitt. 2004. *An Introduction to Mathematical Taxonomy*. Dover Publications. New York, pp 11, 14, 26, 54, 77.

Dwiatmini, K., N. A. Mattjik, H. Aswidinnoor, dan N.L. Toruan-Matius. 2003. Analisis pengelompokan dan hubungan kekerabatan spesies anggrek *Phalaenopsis* berdasarkan kunci determinasi fenotipik dan marka molekuler RAPD. *Jurnal Hortikultura* 13(1):16-27.

Dwiyani, R., A. Purwantoro, A. Indrianto and E. Semiarti. 2012. Konservasi anggrek alam Indonesia *Vanda tricolor* Lindl. varietas *suavis* melalui kultur embrio secara in-vitro. *Jurnal Bumi Lestari* 12(1): 93 – 98.

Everitt, B. S., S. Landau, M. Leese and D. Stahl. 2011. *Cluster Analysis 5th Edition*. Wiley. Hoboken, p 88.

Fardhani, I., H. Kisanuki and P. Parikesit. 2015. Diversity of Orchid Species in Mount Sanggarah, West Bandung. *Proceedings of the 22nd Tri-Uinversity International Joint Seminar and Symposium*: 1-4.

Farokhah, T., S. Utami and Jumari. 2018. Diversity and abundance of orchids at Gebugan Nature Reserve in Semarang, Indonesia. *Biosaintifika* 10 (2): 284-290.

Fay, M. F. 2018. Orchid conservation: how can we meet the challenges in the twenty-first century?. *Botanical Study* 59: 1-6.

Gan, G., C. Ma and J. Wu. 2007. *Data Clustering: Theory, Algorithms, and Applications*. Society for Industrial and Applied Mathematics. Philadelphia, p 118.

Gomes S. I. F., P. M. van Bodegom, V. S. F. T. Merckx and N. A. Soudzilovskaia. 2019. Environmental drivers for cheaters of arbuscular mycorrhizal symbiosis in tropical rainforests. *New Phytologist* 2019: 1-9

Gutiérrez, R. M. P. 2010. Orchids: A review of uses in traditional medicine, its phytochemistry and pharmacology. *Journal of Medicinal Plants Research* 4(8): 592-638.

Harrap, A. and S. Harrap. 2009. *Orchids of Britain and Ireland: A Field and Site Guide 2nd Edition*. A&C Black Publishers. London, pp 12-13.

Hew, C. S. and J. W. H Yong. 2004. *The Physiology of Tropical Orchids In Relation To The Industry 2nd Edition*. World Scientific Publishing. Singapore, pp 22-23.

Hidayati N. Z., D. Saptadi and L. Soetopo. 2016. Analisis hubungan kekerabatan 20 spesies anggrek *Dendrobium* berdasarkan karakter morfologi. *Jurnal Produksi Tanaman* 4(4): 291 - 297.

Irawati. 2012. *Conservation of Orchids the Gems of the Tropics*. In: M. N. Normah, H. F. Chin and B. M. Reed, editors. Conservation of Tropical Plant Species. Springer Science and Business Media. New York, p 184.

Jalal, J. S. and J. Jayanthi. 2018. An updated checklist of the orchids of Maharashtra, India. *Lankesteriana* 18(1): 23–62.

Johansson, D. 1974. *Ecology of vascular epiphytes in West African rain forest*. Acta Phytogeographica Suecica 59. Uppsala, p 69.

Juswara, L., A. Schuiteman, and V. Droissart. 2016. Four new orchid species from the Lengguru fold belt, West Papua, Indonesia. *PhytoKeys* 61: 47–59.

Kaufman, L. and P. J. Rousseeuw. 2005. *Finding Groups in Data: An Introduction to Cluster Analysis 2nd Edition*. John Wiley and Sons. Hoboken, p 44.

Kendrick, W. B. 1964. *Quantitative characters in computer taxonomy*. In: V. H. Heywood and J. McNeill, editors. Phenetic and Phylogenetic classification. Systematics Association. London, pp 105-114.

Kolanowska, M., M. Kras, M. Lipinska, K. Mystkowska, D. L. Szlachetko and A. M. Naczk. 2017. Global warming not so harmful for all plants - response of holomycotrophic orchid species form the future climate change. *Scientific Reports* 7: 1-13.

Kucharczyk, H., M. Kucharczyk, K. Stanisławek and P. Fedor. 2012. *Application of PCA in Taxonomy Research – Thrips (Insecta, Thysanoptera) as a Model Group*. In: Parinya Sanguansat, editor. Principal Component Analysis - Multidisciplinary Application.. IntechOpen. London, pp 111 – 112.

Kurniawan, A. and M. I. Sadali. 2018. *Keistimewaan Lingkungan Daerah Istimewa Yogyakarta*. UGM Press. Yogyakarta, p 58.

Kusmana, C. 2015. Kenekaragaman hayati flora di Indonesia. *Jurnal Pengelolaan Sumberdaya Alam dan Lingkungan* 5(2): 187-198.

Lambers, H., T. L. Pons and F. S. Chapin III. 2008. *Plant Physiological Ecology 2nd Edition.* Springer Science and Business Media. New York, p 2.

Lestari, D. A. and W. Santoso. 2011. Inventory and habitat study of orchids species in Lamedai Nature Reserve, Kolaka, Southeast Sulawesi. *Biodiversitas* 12(1): 28-33.

Lopez, R. G. and E. S. Runkle. 2005. Environmental physiology of growth and flowering orchids. *Horticultural Science* 40(7): 1969-1973.

Muhaimin, M., D. Metusala, and W. A. Mustaqim. 2017. Mycoheterotrophic plants of Gunung Halimun-Salak National Park, West Java, Indonesia. *Proceeding of The International Conference on Tropical Plant Conservation and Utilization*: 28-41.

Marjoka, A., O. Alam and M. K. Huda. 2016. Phytochemical screening of three medicinally important epiphytic orchids of Bangladesh. *Jahangirnagar University Journal of Biological Science* 5(1): 95-99.

McCormick, M. K. and H. Jacquemyn. 2013. What constrains the distribution of orchid populations?. *New Phytologist* 202: 392-400.

McCormick, M. K., D. F. Whigham and A. Canchani-Viruet. 2018. Mycorrhizal fungi affect orchid distribution and population dynamics. *New Phytologist* 2018: 1-9.

Meisel, J. E., R. S. Kaufmann and F. Pupulin. 2014. *Orchids of Tropical America: An Introduction and Guide*. Cornell University Press. Ithaca, p 13.

Metusala, D. and R. Rindyastuti. 2016. Inventarisasi jenis anggrek dan tumbuhan umum serta perbandingan habitat Hutan Gunung Dempo dan Padiampe, Hutan Lindung Pagar Alam, Sumatera Selatan. *Prosiding Seminar Nasional II Biologi 2016*: 435-449.

Musa, F. F., Syamsuardi and A. Arbain. 2013. Keanekaragaman jenis Orchidaceae (anggrek-anggrekan) di kawasan Hutan Lindung Gunung Talang Sumatera Barat. *Jurnal Biologi Universitas Andalas* 2(2): 153-160.

Nugroho, I. B., H. Wardhana, A. R. U. Wibowo, H. Susila, M. B. Atmaja, A. C. Panuji, A. M. Anggriasari, M. Bait, and D. A. Sari. 2010. Eksplorasi dan inventarisasi anggrek di Bukit Cokro, Krengseng, Ngasinan dan Watublencong Pegunungan Menoreh, Kabupaten Kulonprogo, Yogyakarta. *Seminar Nasional Biologi 2010*: 86-92.

Pansarin, E. L. and L. M. Pansarin. 2010. *The Family Orchidaceae in the Serra do Japi, São Paulo state, Brazil.* Springer-Verlag. Wina, p 13.

Pemkab Purworejo. 2019. Geografi. purworejokab.go.id/web/geografi.html. Diakses 23 Agustus 2019 pukul 20.45 WIB.

Prabawati, D. A., E. N. Sari, U. Zulfa, A. L. Malinda, Nurliana, E. Prasetyo and R. Wahyuningsih. Keragaman Jenis Anggrek (Orchidaceae) di Kebun Raya Baturraden Jawa Tengah. *Seminar Nasional Biologi V UNNES* 2016: 263-268.

Pridgeon, A. M., P. J. Cribb, M. W. Chase and F. N. Rasmussen. 2003. *Genera Orchidacearum Volume 3.* Oxford University Press. Oxford, p 281.

Pridgeon, A. M. 2014. Introduction. In: M. Gregory and D. F. Cutler, editors. *Anatomy Of The Monocotyledons: X. Orchidaceae*. Oxford University Press. Oxford, p 1.

Purwantoro, A., E. Ambarwati and F. Setyaningsih. 2005. Kekerabatan antar anggrek spesies berdasarkan sifat morfologi tanaman dan bunga. *Ilmu Pertanian* 12(1):1 - 11.

Puspaningtyas, D.M. 2018. Orchid exploration in Mount Bintan Besar Protected Forest, Bintan Island, Riau Islands Province, Sumatra, Indonesia. *Biodiversitas* 19(3): 1081-1088.

Quicke, D. L. J. 1993. *Principles and Techniques of Contemporary Taxonomy*. Springer Science and Business Media. Dordrecht, pp 85, 86, 87, 89, 94.

Rasmussen, F. N. 1985. *Orchids*. In: R. M. T Dahlgren, H. T. Clifford and P. F. Yeo. The Families of Monocotyledons: Structure, Evolution and Taxonomy. Springer-Verlag. Berlin, pp 249, 262.

Rasmussen, F. N. 2000. *Ins and outs of orchid phylogeny*. In: K. L. Wilson and D. A. Morrison, editors. Monocots: Systematics and Evolution. CSIRO Publishing. Collingwood, p 434.

Rasmussen, H.N. and F. N. Rasmussen. 2018. The epiphytic habitat on a living host: reflections on the orchid–tree relationship. *Botanical Journal of the Linnean Society* 186: 456–472.

Rikardus, H. P. and H. Ardian. 2017. Analisis keanekaragaman jenis anggrek alam (Orchidaceae) pada Hutan Lindung Gunung Semahung Desa Saham Kecamatan Sengah Temila Kabupaten Landak. *Jurnal Hutan Lestari* 5(2): 292-299.

Romesburg, C. 2004. *Cluster Analysis for Researchers*. Lulu.com Publisher. Morrisville, p 78.

Sadili, A. 2013. Jenis Anggrek (Orchidaceae) di Tau Lumbis, Nunukan, Propinsi Kalimantan Timur: Sebagai Indikator Terhadap Kondisi Kawasan *Hutan. Jurnal Biologi Indonesia* 9(1): 63-71.

Seidenfaden, G., J. J. Wood, and R. E. Holttum. 1992. *The Orchids of Peninsular Malaysia and Singapore*. Olsen and Olsen. Singapore, pp 11, 123.

Setiaji, A., A. Muna, F. P. Jati, F. Putri and E. Semiarti. 2018. Keanekaragaman anggrek di Daerah Istimewa Yogyakarta. *Prosiding Seminar Nasional Masyarakat Biodiversitas Indonesia* 4 (1): 63-68.

Silvera, K., L.S. Santiago and K. Winter. 2005. Distribution of crassulacean acid metabolism in orchids of Panama: evidence of selection for weak and strong modes. *Functional Plant Biology* 32: 397-407.

Simpson, M. G. 2005. *Plant Systematics*. Elsevier Academic Press. London, pp 174, 176.

Singh, G. 2010. *Plant Systematics: An Integrated Approach 3rd Edition*. Science Publisher. New Delhi, pp 210, 211, 475, 477.

Sivarajan, V. V. 1991. *Introduction to the Principles of Plant Taxonomy 2nd Edition*. Cambridge University Press. Cambridge, p 116.

Sjahril, R., A. Achmad, T. S. Djohan and S. Suhadiyah. 2013. The ecological potential of wild orchid for in situ and ex situ conservation of rare species in Enrekang, South Sulawesi, Indonesia. *International Journal of Agriculture Systems* 1(1): 35-47.

Stern, W. L. 2014. *Anatomy Of The Monocotyledons Volume X Orchidaceae*. Oxford University Press. Oxfrod, pp 43, 49, 52, 74, 79, 95.

Stuessy, T. F. 2009. *Plant Taxonomy: The Systematic Evolution of Comparative Data*. Columbia University Press. New York, pp 29, 53, 54.

Sugiyarto, L., S. Umniyatie and V. Henuhili. 2016. Keanekaragaman anggrek alam dan keberadaan mikoriza anggrek di Dusun Turgo Pakem, Sleman Yogyakarta. *Jurnal Sains Dasar* 5(2): 71 - 80

Sulistiarini, D. 2008. Keanekaragaman jenis anggrek Pulau Wawonii. *Berkala Penelitian Hayati* 14: 21-27.

Teoh, E. 2005. *Orchids of Asia*. Marshall Cavendish. Singapore, pp 13, 23, 25, 41.

Teoh, E. 2016. *Medicinal Orchids of Asia*. Springer International Publishing Switzerland. Basel, p 60.

The Australian Orchid Council. 2017. The Australian Orchid Council Guidelines For Judging Handbook. http://www.aos.org/orchid-awards-judging/judging-handbook.aspx. Diakses 10 Februari 2019 pukul 20.39 WIB.

Tremblay, R.L., J.K. Zimmerman, L. Lebron, P. Bayman, I. Sastre, F. Axelrod, and J. Alers-García. 1998. Host specificity and low reproductive success in the rare endemic Puerto Rican orchid *Lepanthes caritensis*. Biological Conservation 85:297–304.

Tsiftsis, S., I. Tsiripidis, V. Karagiannakidou and D. Alifragis. 2007. Niche analysis and conservation of the orchids of east Macedonia (NE Greece). *Acta Oecologica* 33: 27-35.

Van der Cingel, N. A. 2001. *An Atlas of Orchid Pollination: America, Africa, Asia and Australia*. AA Balkema Publisher. Rotterdam, pp 159, 160.

Von Rintelen, K., E. Arida and C. Hauser. 2017. A review of biodiversity-related issues and challenges in megadiverse Indonesia and other Southeast Asian countries. *Research Ideas and Outcomes* 3: 1-16.

Willmer, P. 2011. *Pollination and Floral Ecology*. Princeton University Press. Princeton, p 170.

Yahya, Y. and R. Ismail. 2015. Application of Principal Component Analysis (PCA) in Taxonomy Research to Derive Plant Functional Types for Use in Dynamics Models. *IMCOM Proceedings of the 9th International Conference on Ubiquitous Information Management and Communication 2015*: 1-6.

Yulia, N. D. and S. Budiharta. 2011. Epiphytic orchids and host trees diversity at Gunung Manyutan Forest Reserve, Wilis Mountain, Ponorogo, East Java. *Biodiversitas* 12(1): 22-27.

Yulia, N. D. and S. Ruseani. 2008. Studi Habitat dan Inventarisasi *Dendrobium capra* J.J. Smith di Kabupaten Madiun dan Bojonegoro. *Biodiversitas* 9(3): 190-193.

Zhang, Z., Y. Yan, Y. Tian, J. Li, J. He and Z. Tang. 2014. Distribution and conservation of orchid species richness in China. *Biological Conservation* 181: 64–72.

Zhang, S., Y. Yang, J. Li, J. Qin, W. Zhang, and W. Huang. 2018. Physiological diversity of orchid. *Plant Diversity* 40: 196-208.