

DAFTAR PUSTAKA

- Adebisi, M. A., F. S. Okelola., M. O. Ajala., T. O. Kehinde., I. O. Daniel., and O. O. Ajani. 2013. Evaluation of variations in seed vigour characters of West African rice (*Oryza sativa* L.) genotypes using multivariate technique. *American Journal of Plant Sciences* **4**: 356-363.
- Adds, J., E. Larkcom., and R. Miller. 2004. *Genetics, Evolution and Biodiversity*. Nelson Thomes Ltd. Cheltenham, p. 4.
- Akcin, T. A., and A. Akcin. 2017. Anatomy and micromorphology of *Inula helenium* subsp. *orgyalis* and *I. ensifolia* (Asteraceae) from Turkey. *Not. Sci. Biol.* **9**(1): 104-109.
- Akinnubi, F. M., A. J. Akinloye., and O. T. Oladipo. 2013. Petiole anatomy of some species of Asteraceae in southwest Nigeria. *Afr. J. Plant Sci* **7**(12): 608-612.
- Beckett, B. S. 1986. *Biology: A Modern Introduction*. Oxford University Press. Oxford, p. 54.
- Beyl, C. A., and R. N. Trigiano. 2015. *Plant Propagation Concepts and Laboratory Exercises*. CRC Press. Florida, p. 24.
- Camilotti, J. G., C. C. Biu., P. V. Farago., V. L. dos Santos., C. R. C. Franco., and J. M. Budel. 2014. Anatomical characters of leave and stem of *Calea serrata* Less., Asteraceae. *Braz. Arch. Biol. Technol.* **57**(6): 867-873.
- Choudhury, S., and S. K. Mukherjee. 2005. Comparative morpho-anatomical study of some aspect in *Eleutheranthera ruderalis* (Sw.) Sch.- Bip. and *Synedrella nodiflora* (L.) Gaertn. (Asteraceae). *J. Econ. Tuxon. But.* **29**(2): 364-371.
- da Silva, M. S., A. H. Hayashi., and B. Appezzato-da-Glória. 2014. Anatomy of vegetative organs in *Aldama tenuifolia* and *A. kunthiana* (Asteraceae: Heliantheae). *Braz. J. Bot* **37**(4): 505-517.
- Dere, S., and T. A. Akcin. 2017. Anatomical and micromorphological properties of some *Tanacetum* L. (Asteraceae) taxa from Turkey and their systematic implications. *Acta Bot. Croat* **76**(2): 138-145.
- Duarte, M. R., J. M. Budel., N. I Matzenbacher., and D. O. Menarim. 2011. Microscopic diagnosis of the leaf and stem of *Lucilia nitens* Less., Asteraceae. *Lat. Am. J. Pharm.* **30**(10): 2070-2075.
- Evert, R. F. 2006. *Esau's Plant Anatomy: Meristems, Cells, and Tissues of the Plant Body: Their Structure, Function, and Development*. John Wiley & Sons, Inc. New Jersey, pp. 8-9.
- Hallahan, D. L., J. C. Gray, and J. A. Callow. 2000. *Plant Trichomes*. Academic Press. London, p.6.
- Hamidah., H. Tsawab., and Rosmanida. 2016. Analysis of *Hylocereus* spp. diversity based on phonetic method. *AIP Conf. Proc.* **1854**: 1-8.
- Hawkes, J. G. 1986. Intraspecific Classification the Problems. Intraspecific Classification of Wild and Cultivated Plants. Special Volume No. 29. The Systematic Association.
- Henderson, A. J. 2002. Phenetic and phylogenetic analysis of *Reinhardtia* (Palmae). *American Journal of Botany* **89**(9): 1491-1502.

- Hodaei, M., M. Rahimmalek., and A. Arzani. 2017. Variation in morphological characters, chemical composition, and anthocyanin content of different *Chrysanthemum morifolium* cultivars from Iran. *Biochemical Systematics and Ecology* **74**: 1-10.
- Holbrook, N. M., and M. A. Zwieniecki. 2005. *Vascular Transport in Plants*. Elsevier. Massachusetts, p. 484.
- Joseph, S., Chandralekha., J. Philip., and V. S. Ramachandran. 2013. Studies on distribution and diversity of trichomes in certain members of Asteraceae. In: *Plant Biodiversity and Conservation* (Ramachandran, V. S. Ed.). Pointer Publishers. Jaipur, pp. 220-226).
- Lailaty, I. Q. 2013. *Anatomi Batang dan Daun serta Kandungan Antosianin Bunga pada Tiga Kultivar Krisan (*Chrysanthemum* spp.) Setelah Mendapat Perlakuan Paclobutrazol*. Skripsi. Universitas Gadjah Mada.
- Lersten, N. R. 1997. Occurrence of endodermis with a casparian strip in stem and leaf. *The Botanical Review* **63**(3): 265-272.
- Lim, T. K. 2014. *Edible Medicinal and Non-Medicinal Plants*. Springer. Dordrecht, pp. 250-252, 265.
- Lin, L., and J. M. Harnly. 2010. Identification of the phenolic components of chrysanthemum flower (*Dendranthema grandiflorum* (ramat.) kitam). *Food Chemistry* **120**: 319-326.
- Makbul, S., K. Coskuncelebi., and O. Beyazoglu. 2011. Notes on the stem anatomy of *Scorzonera* (Asteraceae) taxa from Northeast Turkey. *Phytol. Balcan.* **17**(1): 113-121.
- Makbul, S., K. Coskuncelebi., Z. Turkmen., and O. Beyazoglu. 2011. Comparison of foliar anatomy of *Scorzonera* L. (Asteraceae) taxa from North East Anatolia. *Pak. J. Bot* **43**(1): 135-155.
- Melo-de-Pinna, G. F. A., and N. L. Menezes. 2002. Vegetative organ anatomy of *Ianthopappus corymbosus* Roque & Hind (Asteraceae-Mutisieae). *Revista Brasil. Bot.* **25**(4): 505-514.
- Metcalf, C. R., and L. Chalk. 1950. *Anatomy of the Dicotyledons: Leaves, Stem, and Wood in Relation to Taxonomy with Notes on Economic Uses*. Claredon Press. Oxford.
- Metcalf, C. R., and L. Chalk. 1979. *Anatomy of the Dicotyledons: Systematic Anatomy of Leaf and Stem, with a Brief History of the Subject*. Claredon Press. Oxford.
- Michener, C. D., and R. R. Sokal. 1957. A quantitative approach to a problem in classification. *Evolution* **11**: 130-162.
- Milan, P., A. H. Hayashi., and B. Appezzato-da-Glória. 2006. Comparative leaf morphology and anatomy of three Asteraceae species. *Brazilian Archives of Biology and Technology* **49**(1): 135-144.
- Morishima, H. 1969. Phenetic similarity and phylogenetic relationships among strains of *Oryza perennis*, estimated by methods of numerical taxonomy. *Evolution* **23**: 429-443.
- Mwirigi, P. N., E. M. Kahangi., A. B. Nyende., and E. G. Mamati. 2009. Morphological variability within the Kenyan yam (*Dioscorea* spp.). *J. Appl. Biosci.* **16**: 894-901.

- Nxumalo, S. S., and P. K. Wahome. 2010. Effects of application of short-days at different periods of the day on growth and flowering in *Chrysanthemum (Dendranthema grandiflorum)*. *J. Agric. Soc. Sci.* **6**: 39-42.
- Oliveira, R. C. de., S. C. V. Filho., A. V. S. Bastos., J. M. Vasconcelos., and A. A. Rodrigues. 2015. Anatomical and histochemical analysis of vegetative organs of *Vernonia ferruginea* Less. (Asteraceae). *Afr. J. Biotechnol.* **14**(38): 2734-2739.
- Pasagi, J. R. 2014. *Analisis Hubungan Kekerabatan Kultivar pada Belimbing (Averrhoa carambola L.) Melalui Pendekatan Morfologi*. Skripsi. Universitas Airlangga.
- Purnobasuki, H., A. S. Dewi., dan D. K. Wahyuni. 2014. Variasi morfologi bunga pada beberapa kultivar *Dendranthema grandiflorum (ramat.)* kitam *Natural B* **2**(3): 209-220.
- Purnomo., B. S. Daryono., Rugayah., I. Sumardi., and H. Shiwachi. 2012. Phenetic analysis and intra-specific classification of Indonesian water yam germplasm (*Dioscorea alata* L.) based on morphological characters. *SABRAO J. Breed. Genet.* **44**(2): 277-291.
- Rahman, A.H.M.M., A.K.M. R. Islam., and M. M. Rahman. 2013. An anatomical investigation on Asteraceae family at Rajshahi Division, Bangladesh. *Int. J. Biosci* **3**(1): 13-23.
- Rahmawati., Hasanuddin., dan C. Nurmaliah. 2016. Hubungan kekerabatan fenetik tujuh anggota familia Apocynaceae. *Jurnal Ilmiah Mahasiswa Pendidikan Biologi* **1**(1): 1-9.
- Reddy, S. M. 2008. *University Botany-2: Gymnosperms, Plant Anatomy, Genetics, Ecology*. New Age International (P) Ltd. New Delhi, p. 134.
- Roberts, K. 2007. *Handbook of Plant Science*. John Wiley & Sons Ltd. West Sussex, pp. 15-16, 95, 185.
- Santos, R. F., B. M. Nunes., R. D. Sá., L. A. L. Soares., and K. P. Randau. 2016. Morpho-anatomical study of *Ageratum conyzoides*. *Revista Brasileira de Farmacognosia* **26**(2016): 679-687.
- Saraçlı, S., N. Doğan., and İ. Doğan. 2013. Comparison of hierarchical cluster analysis methods by cophenetic correlation. *Journal of Inequalities and Applications* **2013**: 1-8.
- Sari, N., Purnomo., B. S. Daryono., Suryadiantina., and M. Setyowati. 2016. Variation and intraspecies classification of edible canna (*Canna indica* L.) based on morphological characters. *AIP. Conf. Proc.* **1744**: 1-8.
- Selvi, S., M. Y. Paksoy., R. Polat., and U. Cakilcioglu. 2014. Micromorphological and anatomical characteristics of the genus *Chrysophthalmum* Schultz Bip. (Asteraceae) growing in Turkey. *Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci.* **84**(2): 431-438.
- Sheidai, M., P. Koobaz., F. Termeh., and B. Zehzad. 2002. Phenetic studies in *Avena* species and populations of Iran. *J. Sci. I. R. Iran* **13**(1): 19-28.
- Shokefun, E. O., A. E. Ayodele., and A. J. Akinloye. 2016. Systematic importance of leaf anatomical characters in some species of *Microcos* Linn. section *Eumicrocos* Burret. in Nigeria. *American Journal of Plant Sciences* **7**: 108-117.
- Singh, G. 2004. *Plant Systematics: An Integrated Approach*. Science Publishers, Inc. New Hampshire.

- Sneath, P. H. A., and Sokal, R. R. 1973. *Numerical Taxonomy: The Principles and Practice of Numerical Classification*. W. H. Freeman and Company. San Francisco.
- Stace, C. A. 1989. *Plant Taxonomy and Biosystematics*. Cambridge University Press. Cambridge.
- Sumardi, I., dan M. Wulandari. 2010. Anatomy and morphology character of five Indonesian banana cultivars (*Musa* spp.) of different ploidy level. *Biodiversitas* **11**(4): 167-175.
- Sun, Q., S. Hua. J. Ye., X. Zheng., and Y. Liang. 2010. Flavonoid and volatiles in *Dendranthema grandiflorum* (ramat.) kitam flower from Tongxiang County in China. *Afr. J. Biotechnol.* **9**(25): 3817-3821.
- Susandarini, R., S. Subandiyah., Rugayah., B. S. Daryono., and L. H. Nugroho. 2013. Assessment of taxonomic affinity of Indonesian pummelo (*Citrus maxima* (Burm.) Merr.) based on morphological characters. *American Journal of Agricultural and Biological Sciences* **8**(3): 182-190.
- Sokal, R. R. 1963. The principles and practice of numerical taxonomy. *Taxon* **12**(5): 190-199.
- Sulborska, A. 2013. Structure and distribution of glandular and non-glandular trichomes on above-ground organs in *Inula helenium* L. (Asteraceae). *Acta Agrobotanica* **66**(4): 25-34.
- Sultan, H. A. S., B. I. A. Elreish., and S. M. Yagi. 2010. Anatomical and phytochemical studies of the leaves and roots of *Urginea grandiflora* Bak. and *Pancratium tortuosum* Herbert. *Ethnobotanical Leaflets* **14**: 826-835.
- Suratman., D. Priyanto., dan A. D. Setyawan. 2000. Analisis keragaman genus *Ipomoea* berdasarkan karakter morfologi. *Biodiversitas* **1**(2): 72-79.
- Tekin, M., and Ç. Kartal. 2016. Comparative anatomical investigations on six endemic *Tanacetum* (Asteraceae) taxa from Turkey. *Pak. J. Bot.*, **48**(4): 1501-1515.
- Thadeo, M., A. A. Azevedo., and R. M. S. A. Meira. 2014. Foliar anatomy of neotropical Salicaceae: potentially useful characters for taxonomy. *Plant Systematics and Evolution* **300**(9): 2073-2089.
- Trigiano, R. N., L. M. Vito., M. T. Windham., S. Boggess., and D. Hadziabdic. 2011. Direct shoot organogenesis from leaf explants of *Chrysanthemum* and African violets. In: *Plant Tissue Culture, Development, and Biotechnology* (Trigiano, R. N., and D. J. Gray. Ed). CRC Press. Florida, p. 279.
- Tsukaya, H. 2002. Leaf anatomy of a rheophyte, *Dendranthema yoshinaganthum* (Asteraceae), and of hybrids between *D. yoshinaganthum* and a closely related non-rheophyte, *D. indicum*. *J Plant Res* **115**: 329-333.
- Urdan, T. C. 2005. *Statistics in Plain English*. Lawrence Erlbaum Associates, Inc. New Jersey, p. 34.
- van der Ploeg, A., and E. Heuvelink. 2006. The influence of temperature on growth and development of chrysanthemum cultivars: a review. *Journal of Horticultural Science & Biotechnology* **81**(2): 174-182.
- Yang, L., A. Nuerbiye., P. Cheng., J. Wang., and H. Li. 2017. Analysis of floral volatile components and antioxidant activity of different varieties of *Chrysanthemum morifolium*. *Molecules* **1790**(22): 1-14.
- Yin, D., Z. Zhang., and H. Luo. 2012. Anatomical responses to waterlogging in *Chrysanthemum zawadskii*. *Scientia Horticulturae* **146**(2012): 86-91.

- Yourun, L., S. Zhu., C. J. Humphries., and M. G. Gilbert. 2011. Tribe Anthemideae. In: *Flora of China* **20-21**: 653-773 (Wu, Z. Y., P. H. Raven., D. Y. Hong., eds).
- Zhong, R., J. J. Taylor., and Z. Ye. 1999. Transformation of the collateral vascular bundles into amphivasal vascular bundles in an *Arabidopsis* mutant. *Plant Physiol* **120**(1): 53-64.