



## DAFTAR PUSTAKA

- Alkema, J., dan Spencer L. Seager. 1982. The Chemical Pigment of Plants. J. Chemi Supplement. Volume 59. Number 3. March 1982.
- Wikimedia Commons. 2009. File:Starr 070111-3131 *Codiaeum variegatum*.jpg. <http://commons.wikimedia.org>. Diakses tanggal 15 April 2015.
- Wikimedia Commons. 2009. File:Codiaeum variegatum - female flowers - Kroton 002.jpg. <http://commons.wikimedia.org>. Diakses tanggal 15 April 2015.
- Wikimedia Commons. 2009. File:Codiaeum variegatum - male flowers - Kroton 002.JPG. <http://commons.wikimedia.org>. Diakses tanggal 15 April 2015.
- Wikimedia Commons. 2010. File:Codiaeum variegatum - seeds - Kroton 001.jpg. <http://commons.wikimedia.org>. Diakses tanggal 15 April 2015.
- Arab, L., S. Steck-Scott and P. Bowen. 2001. Partisipation of Lycopene and Beta-carotene in Carcinogenesis: Defenders, Aggresors, or Passive Bystanders? *Epidemiologic Reviews*, Vol 23. No 2, p.221-229.
- Arie W-Purwanto dan Aziz-Purwantoro. 2007. Puring. Penerbit Kanisius, Yogyakarta.
- Boldt, J.K. 2013. Foliar Anthocyanins in Coleus and Ornamental Grasses: Accumulation, Localization, and Function. A Dissertation Submitted to the University of Minnesota.
- Brown, B.F. 1995. A *Codiaeum* encyclopedia: Crotons of the world. Valkaria Tropical Garden, Valkaria, FL.
- Cambie, R. C and Ash J. 1994. *Fijian Medicinal Plants*. CSIRO. Australia.
- Chandra. L dan M. Sitanggang. 2007. *Pesona Puring; Mengenal Ragam dan Corak Daun Puring nan Cantik*. AgroMedia Pustaka, Jakarta.
- Collard, B.C.Y., M.Z.Z. Jahufer, JB Brouwer, and E.C.K. Pang. 2005. An introduction to markers, quantitative trait loci (QTL) mapping and marker-assisted selection for crop improvement: the basic concepts. *Euphytica* 142: 169-196.
- Davies, K. 2004. *Plant Pigments and Their Manipulation*. Annual Plant Reviews, Volume 14. Blackwell Publishing Ltd., UK.



- Demeke, T and R.P. Adams. 1994. PCR Technology Current Innovation: The Use PCR RAPD Analysis in Plant Taxonomy and Evolution. CRC.Press.Inc.
- Deng, M., J. Chen, R.J. Henny, and Li Q. 2010a. Chromosome number and karyotype variation in *Codiaeum variegatum* cultivars. HortScience 45:538–540.
- Deng, M., Chen, J., Henny, R.J, and Li Q. 2010b. Genetic relationships of *Codiaeum variegatum* cultivars analyzed by amplified fragment length polymorphism markers. HortScience 45, 868–874.
- Dwiatmini, K., N.A Mattjik, H. Aswidinoor, and N.I.T. Matius. 2003. Analisis pengelompokan dan hubungan kekerabatan spesies Anggrek Phalaenopsis berdasarkan kunci determinasi fenotifik dan marka molekuler RAPD. J. Hort. 13(1):16-27.
- Ferreya, F., S. P. Rius and P. Casati. 2012. Flavonoids: biosynthesis, biological functions, and biotechnological applications. Frontiers in Plant Science. Volume 3. Article 222.
- Frankham, R., D.J. Ballou and A.D. Briscoe. 2002. Introduction to Conservation Genetics. Cambridge University Press:USA.
- Gilman EF. 1999. *Codiaeum variegatum*. Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, USA.
- Gross, J. 1991. Pigments In Vegetables (Chlorophylls and Carotenoids). Van Nostrand Reinhold. New York. 7. 75.
- Guo-Liang Jiang. 2013. Molecular Markers and Marker-Assisted Breeding in Plants, Plant Breeding from Laboratories to Fields, Prof. Sven Bode Andersen (Ed.), ISBN: 978-953-51-1090-3, InTech, DOI: 10.5772/52583. Available from: <http://www.intechopen.com/books/plant-breeding-from-laboratories-to-fields/molecular-markers-and-marker-assisted-breeding-in-plants>.
- Hamrick, J. L., And M. J. Godt. 1990. Allozyme diversity in plant species. In A. H. D. Brown, M. T. Clegg, A. L. Kahler, and B. S. Weir [eds.], Plant population genetics, breeding, and genetic resources, 43–63. Sinauer, Sunderland, MA.
- Integrated Taxonomic Information System (ITIS). 2011. *Codiaeum variegatum* (L.) Rumph.Ex A. Juss. <http://www.itis.gov>. Diakses tanggal 19 Februari 2015.



- IPGRI and Cornell University. 2003. Genetic diversity analysis with molecular marker data: Learning module “Measures of genetic diversity”. [http://cropgenebank.sgrp.cgiar.org/images/file/learning\\_space/molecular\\_markers/volume2/04\\_Measures.pdf](http://cropgenebank.sgrp.cgiar.org/images/file/learning_space/molecular_markers/volume2/04_Measures.pdf). Diakses tanggal 17 April 2015.
- Ishak. 1998. Identifikasi DNA Genom Mutan Padi Atomita-2 dan Tetuanya Menggunakan RAPD Markers. *Zuriat*. 9: 71-83.
- Jian-Tian L, Sauve R, and N Gawel. 1997. Identification of *Poissentia* cultivars using RAPD markers. *HortScience* 32(1): 122-124.
- Kadir, A. 2008. *Puring*. Yogyakarta: Andi Offset.
- Karron, J. D. 1987. A comparison of levels of genetic polymorphism and self-incompatibility in geographically restricted and widespread plant congeners. *Evolutionary Ecology* 1: 47–58.
- Khan A. I, Awan F. S, Sadia B, R. M Rana, and I.A Khan. 2010. Genetic diversity studies among coloured cotton genotypes by using RAPD markers. *Pak. J. Bot.*, 42(1): 71-77.
- Lee DW and Gould KS. 2002. Why leaves turn red. *American Scientist* 90:524-531.
- Lee DW and Collins TM. 2011. Phylogenetic and ontogenetic influences on the distribution of anthocyanins and betacyanins in leaves of tropical plants. *International Journal of Plant Sciences* 162: 1141-1153.
- Lowe A., S. Haris, and P.Ashton. 2004. *Ecological Genetis: Design, Anlysis, and Application*. Blackwell Publishing. United Kingdom.
- Mangoendidjojo, W. 2003. *Dasar-Dasar Pemuliaan Tanaman*. Kanisius, Yogyakarta.
- Mohr H., and Schopfer P. 1995. Biosynthetic Metabolism, pp. 275-284. In *Plant Physiology*. (4th ed). Springer, New York, NY.
- Mollick A. H, Hossan S, A. K. Paul, M. Taufiq-Ur-Rahman, Jahan R, and M. Rahmatullah. 2010. A Comparative Analysis of Medicinal Plants Used by Folk Medicinal Healers in Three Districts of Bangladesh and Inquiry as to Mode of Selection of Medicinal Plants. *Ethnobotany Research & Applications* 8:195-218 (2010).
- Mollick A. S, H. Shimoji, T. Denda, M. Yokota, and H. Yamasaki. 2011. *Croton Codiaeum variegatum* (L.) Blume cultivars characterized by leaf phenotypic parameters. *Scientia Horticulturae* 132 (2011): 71–79.



- Moundipa P. F, K. G. M Flore, C. F. B. Bilong, and I. Bruchhaus. 2005. *In vitro* amoebicidal activity of some medicinal plants of the bamun region (cameroon). *Afr. J. Trad. CAM* (2005) 2 (2): 113 – 121.
- Nei, M. 1972. Genetic distance between populations. *American Naturalist* 106:283-292.
- Nei, M. 1973. Analysis of gene diversity in subdivided population. *Proc. Natl. Acad. Sci. USA* 70: 3321-23.
- Nei, M. 1987. *Molecular evolutionary genetics*. Columbia University Press. New York.
- Oancea, S. 2007. *Biochimie ecologică*, Edit. Alma Mater.
- Ogunwenmo, K.O., O.A. Idowu, C. Innocent, E.B. Esan, and O.A. Oyelana. 2007. Cultivars of *Codiaeum variegatum* (L.) Blume (Euphorbiaceae) show variability in phytochemical and cytological characteristics. *Afr. J. Biotechnol.* 6:2400–2405.
- Pancho, J.V. and F. Hilario. 1963. Chromosome numbers and intraspecific hybridization in croton (*Codiaeum variegatum* Blume). *Philippine Agric.* 47:104–112.
- Papafotiou.M, B. Avajianneli, and C. Michos. 2007. Coloration, Anthocyanin Concentration, and Growth of Croton (*Codiaeum variegatum* L.) as Affected by Cotton Gin Trash Compost Use in the Potting Medium. *Hortscience* 42(1):83–87.
- Peakall, R. and P.E. Smouse. 2005. *GenALEx : Genetik Analysis in Excel*. Population genetics software for teaching and research. Australian Antional University, Canberra, Australia.
- Prana, K.D., N.S. Hartati. 2003. Identifikasi sidik jari DNA Talas (*Colocasia esculenta* L. Schott) Indonesia dengan teknik RAPD (Random Amplified Polymorphic DNA). *Skrining primer dan optimalisasi kondisi PCR*. *J. Natur Indonesia* 5(2):107-112.
- Robert A, Shorley L, Leslie A . 1988. The Palauan and Yap Medicinal plant studies of Masayoshi Okabe, *ATOLL Res. Bull.*, No. 317.
- Safoon N, Uddin R, N. Subhan, Hossain H, Reza H. M, and Alam A. 2014. *In vitro* Anti-oxidant Activity and HPLC-DAD System Based Phenolic Content Analysis of *Codiaeum variegatum* Found in Bangladesh. *Adv Pharm Bull*, 2014, 4(Suppl 2): 533-541.



- Sharma, A.K. and A.K. Bal. 1958. A cytological study on the different varieties of *Codiaeum variegatum* BL. as means of finding out the mechanism of their evolution. *Nucleus* 1:223–266.
- Stewart and Neal C. Jr. 1996. Rapid DNA Extraction from Plants. Chapter III.
- Suparwoko. 2007. Kajian Bioreductor Cemaran Logam Berat Timbal (Pb) Pada Tanaman Lanskap Jalan (*Streetscape*) di Kawasan Perkotaan Yogyakarta. Prosiding.
- Tanaka Y, Sasaki N and Ohmiya A. 2008. Biosynthesis of plant pigments: anthocyanins, betalains and carotenoids. *Plant J* 54: 733–749. doi: 10.1111/j.1365-313x.2008.03447.x
- Williams J.G.K., Kubelik A.R., Livak K.J, Rafalski J.A., Tingey S.V. 1990. DNA polymorphisms amplified by arbitrary primers are useful as genetic markers. *Nucleic Acids Res* 18: 6531-6535.
- Weising, K.H., Nybom, K.Wolff and W.Meyer. 1995. *DNA Fingerprinting in Plant and Fungi*.CRC Press. Florida.
- Welsh, J.R. 1981. Fundamental of Plant Genetics and Breeding (Dasar-Dasar Genetika dan Pemuliaan Tanaman alih bahasa J.P. Moge). Erlangga, Jakarta.
- WHO Regional Publication. 2009. Medicinal Plants in Papua New Guinea. WHO Press. Geneva.
- Xu, Y. 2010. Molecular plant breeding. CAB International.
- Yuwono, T. 1992. Petunjuk Laboratorium Reaksi Rantai Polimerase. PAU Bioteknologi Universitas Gadjah Mada.Yogyakarta.
- Zeb, Alam dan Mehmood, Sultan. 2004. Carotenoid Contents from Various Sources and Their Potential Helth Applications. *Pakistan Journal of Nutrition* 3 (3): 199-204.