

DAFTAR PUSTAKA

- ABADS. (2006). *Brugmansia suaveolens*. [Online]. Tersedia: http://www.abads.org/abads/Gallery/species/brugmansia_suaveolens.htm [1 Juli 2015]
- Alamy. (2011). *Potato (Solanum tuberosum)*. [Online]. Tersedia: <http://www.alamy.com/stock-photo-potato-solanum-tuberosum-stalk-with-small-green-fruit-and-laved-fruit-41743694.html> [20 Juni 2015]
- Ampliqon. (2013). *MgCl₂*. Odense: Ampliqon PCR Enzymes & Reagents.
- Andreasen, K. & Baldwin, B. G. (2003). Reexamination of Relationships, Habital Evolution, and Phylogeography of Checker Mallows (*Sidalcea*; Malvaceae) Based on Molecular Phylogenetic Data1. *American Journal of Botany*. 90, (3), hlm. 436–444.
- Arsh. (2015). *Jerusalem Cherry Flower*. [Online]. Tersedia: <http://www.flowersleaf.com/jerusalem-cherry-flower/> [12 Juni 2015]
- Backer, C. A. & Brink, R. C. B. V. D. (1965). *Flora of Java (Spermathophytes Only)*. Vol. II. Groningen: N. V. P. Noordhoff.
- Bailey, L. H. (1963). *How Plants Get Their Names*. New York: Pover Publications, Inc.
- Baldwin, B. G., Sanderson, M. J., Porter, J. M., Wojciechowski, M. F., Campbell, C. S., Donoghue, M. J. (1995). The ITS Region of Nuclear Ribosomal DNA: A Valuable Source of Evidence on Angiosperm Phylogeny. *Annals of The Missouri Botanical Garden*. 82 (2), hlm. 247-277.
- Black Diamond. (2011). *Solanaceae*. [Online]. Tersedia: <http://www.flickrriver.com/photos/blackdiamondimages/sets/72157628350387249/> [20 Juni 2015]
- Bos, A. V. D. (2004). *Capsicum annuum var annuum 'Thai Dragon'*. [Online]. Tersedia: <http://www.uniprot.org/taxonomy/40321> [12 Juni 2015]

- Boudreaux, B. (2011). *Jerusalem Cherery (Solanum pseudocapsicum) Flower 0081*. [Online]. Tersedia: <https://www.flickr.com/photos/84094713@N08/8086927471/> [20 Juni 2015]
- Bryson, C. T. (2013). *Solanum viarum*. [Online]. Tersedia: http://www.texasinvasives.org/plant_database/detail.php?symbol=SOVI2 [20 Juni 2015]
- Bumi Herbal. (2014). *Pemanfaatna Tanaman Solanaceae pada Makanan Sehari-Hari*. [Online]. Tersedia: <http://bumiherbal.com/2014/06/pemanfaatan-tanaman-solanaceae-pada-makanan-sehari-hari/> [1 Juni 2015]
- Cotterill, S. & Kearsy, S. (2002). *Encyclopedia of Life Sciences*. London: Macmillan Publishers Ltd.
- Cronquist, A. (1981). *An Integrated System of Classification of Flowering Plants*. New York: Columbia University Press.
- Dave. (2001). *Shoofy Plant, Apple of Peru Nicandra physalodes*. [Online]. Tersedia: <http://davesgarden.com/guides/pf/go/654/> [20 Juni 2015]
- Dennison, C. (2002). *A Guide to Protein Isolation*. Springer Netherlands.
- Dharmayanti, N. L. P. I. (2011). Filogenetika Molekuler: Metode Taksonomi Organisme Berdasarkan Sejarah Evolusi. *Wartoza*. 21, (1), hlm. 1-10.
- Encyclopaedia Britannica. (2015). *Illustrations Electrophoresis Gel DNA*. [Online]. Tersedia: <http://www.illustrationsource.com/stock/image/481364/gel-electrophoresis-uses-an-electric-field-and-positive-and-negative-electrodes-to-separate-dna-molecules-according-to-size/> [6 Juni 2015]
- Faucon, P. (2005). *Night Jessamine*. [Online]. Tersedia: http://www.desert-tropicals.com/Plants/Solanaceae/Cestrum_nocturnum.html [20 Juni 2015]
- Feiertag, S. (2014). *Guam Boonies*. [Online]. Tersedia: <http://www.ethnobotanik.org/Capsicum/Guam-Boonies/Guam-Boonies-Capsicum-annuum-en.html> [12 Juni 2015]
- Fritz, G. N., Conn, J., Cockburn, A., Seawright, A. (1994). Sequence Analysis of the Ribosomal DNA Internal Transcribed Spacer 2 from Populations of

- Anopheles nuneztovari* (Diptera: Culicidae). *Mol.Biol.Evol.* 11, (3), hlm. 406-416.
- Germer, J. (2005). *Solanum melongena* L. [Online]. Tersedia: http://www.virboga.de/Solanum_melongena.htm [20 Juni 2015]
- Ghazanfar, S. (2011). *Withania* (*Withania Somnifera*). [Online]. Tersedia: <http://www.arkive.org/withania/withania-somnifera/image-G118244.html> [12 Juni 2015]
- Gopalakrishnan, A. Gopinath, D., Vijayasaraswathy S. G., Kasa, J. (2014). Ethnomedicine in Cancer Therapy: A Review. *World Journal of Pharmaceutical Research.* 3, (6), hlm. 305-319.
- Gratani, L. (2014). Plant Phenotypic Plasticity in Response to Environmental Factors. *Advances in Botany*, (208747), hlm. 1-17.
- Haman, J. & Farmery, C. S. (2010). *Ultraviolet Transilluminators*. Health and Safety Department University of Edinburgh: Edinburgh.
- Hamdan, N. Samad, A. A. Hidayat, T. Salleh, F. M. (2013). Phylogenetic Analysis of Eight Malaysian Pineapple Cultivars using a Chloroplastic Marker (*rbcL* gene). *Jurnal Teknologi*, 64 (2), hlm. 29-33.
- Handoyo, D. & Rudiretna A. (2000). Prinsip Umum dan Pelaksanaan Polymerase Chain Reaction (PCR). *Unitas.* 9, (1), hlm. 17-29.
- Haston, E. Richardson, J. E. Stevens, P. F. Chase, M. F. Harris, D. J. (2009). The Linear Angiosperm Phylogeny Group (LAPG) III: A Linear Sequence of The Families in APG III. *Botanical Journal of the Linnean Society*, 161, hlm. 128-131.
- Herbarium Bogoriense. (2005). Keanekaragaman Jenis dan Sumber Plasma Nutfah *Durio* (*Durio* spp.) di Indonesia. *Buletin Plasma Nutfah*, 11 (1), hlm. 28-33.
- Hidayat, T. & Pancoro, A. (2006). Sistematika dan Filogenetika Molekuler. *Makalah pada Kursus Singkat Perangkat Lunak PAUP dan MrBayes untuk Penelitian Filogenetika Molekuler SITH-ITB*, Bandung.
- Hidayat, T. (2014). *Handout Praktikum Analisis DNA*. Jurusan Pendidikan Biologi FPMIPA Universitas Pendidikan Indonesia: Bandung.

- Hidayat, T. Kusumawaty, D. Kusdianti, Yati, D. D. Muchtar, A. A. Mariana, D. (2008). Analisis Filogenetik Molekuler pada *Phyllanthus niruri* L. (Euphorbiaceae) Menggunakan Urutan Basa DNA Daerah *Internal Transcribed Spacer* (ITS). *Jurnal Matematika dan Sains*, 13 (1), hlm. 16-21.
- Hidayat, T., & Pancoro, A. (2008). Kajian Filogenetika Molekuler dan Peranannya dalam Menyediakan Informasi Dasar untuk meningkatkan Kualitas Sumber Genetik Anggrek. *AgroBiogen*. 4, (1), hlm. 35-40.
- Holmes, S. (2003). *Bootstrapping Phylogenetics Trees: Theory and Methods*. Statistics Department, Stanford.
- Hoof, B. (2014). *Solanum lycopersicum*. [Online]. Tersedia: <http://www.ethnobotanik.org/Tomaten/Boars-Hoof/Boars-Hoof-Tomatensorte.html> [20 Juni 2015]
- Hunter, R. L. LaJeunesse, T. C. Santos, S. R. (2007). Structure and Evolution of The rDNA Internal Transcribed Spacer (ITS) Region 2 In The Symbiotic Dinoflagellates (*Symbiodinium*, Dinophyta). *Phycol.* 43, hlm. 120-128.
- Janssens. (2009). *Solanaceae*. [Online]. Tersedia: <http://www.mobot.org/mobot/research/apweb/orders/solanalesweb.htm> [20 Juni 2015]
- Jha, T. B. Samaddar, T. Nath, S. Das, A. (2014). Direct Organogenesis and Genetic Characterization of *Solanum pseudocapsicum* L. in vitro Regenerated Plants. *Plant Tissue Cult & Biotech.* 24, (1), hlm. 65-76.
- Jobes, D. V. & Thien, L. B. (1997). A Conserved Motif in The 5,8S Ribosomal RNA (rRNA) Gene is a Useful Diagnostic Marker for Sequences. *Plant Molecular Biology Reporter.* 15, hlm. 326-334.
- Khosravinia, H. Murthy, H. N. M. Parasad, D. T. Pirany, N. (2007). Optimizing Factor Influencing DNA Extraction from Fresh Whole Avian Blood. *African Journal of Biotechnology.* 6, (4), hlm. 481-486.
- Marshall, J. A. Knapp, S. Davey, M. R. Power, J. B. Cocking, E. C. Bennett, M. D. Cox, A. V. (2001). Molecular systematics of *Solanum* section *Lycopersicum* (*Lycopersicon*) using the nuclear ITS rDNA region. *Springer-Verlag*, 103, hlm. 1216-1222.
- Melotto-Passarin, D. M. Berger, I. J. Dressano, K. Martin, V. d. F. D. Conde, G. Oliveira, X. Bock, R. Carrer, H. (2008). Phylogenetic relationships in

Solanaceae and Related Species Based on cpDNA Sequence from Plastid trnEtrnT Region. *Crop Breeding and Applied Biotechnology*, 8, hlm. 85-95.

- Moreira, P. A. & Oliviera, D. A. (2011). Leaf Age Affects The Quality of DNA Extracted from *Dimorphandra mollis* (Fabaceae), A Tropical Tree Species from The Cerrado Region of Brazil. *Genetics and Molecular Research*. 10, (1), hlm. 353-358.
- Morris, S. C. Forbes-Smith, M. R. Scriven, F. M. (1989). Determination of Optimum Conditions for Suberization, wound Periderm Formation, Cellular Desiccation and Pathogen Resistance in wounded *Solanum tuberosum* Tubers. *Physiological and Molecular Plant Pathology*, 35 (2), hlm. 177-190.
- Muchtar, A. A. (2008). *Analisis Kekerbatan Marga-Marga pada Suku Euphorbiaceae berdasarkan Sikuen DNA daerah ITS*. Skripsi Sarjana pada FPMIPA UPI Bandung: tidak diterbitkan.
- Olmstead, R. G. Bohs, L. Migid, H. A. Valentin, E. S. Garcia, V. F. Collier S. M. (2008). A Molecular Phylogeny of The Solanaceae. *Taxon*, 57 (4), hlm. 1159-1181.
- Pekarskyi, I. (2015). *Red Chili Pepper with Slices and Seeds*. [Online]. Tersedia: http://www.shutterstock.com/pic-110267027/stock-photo-red-chili-pepper-with-slices-and-seeds.html?src=0_qovdPatm7zhZ8jL-7RHQ-1-55 [20 Juni 2015]
- Perez, F. Arroyo, M. T. K. Medel, R. Hershkovitz, M. A. (2006). Ancestral Reconstruction of Flower Morphology and Pollination Systems in *Schizanthus* (Solanaceae). *American Journal of Botany*, 93 (7), hlm. 1029-1038.
- Pettersson, M. (2003). *Pimiento de Padron (Capsicum annum)*. [Online]. Tersedia: <http://petterssononline.com/habanero/peppers.php?action=variety&id=125> [20 Juni 2015]
- Pettersson, M. (t. t.). *144 4436 jpg*. [Online]. Tersedia: <http://imgarcade.com/1/capsicum-annuum-flower/> [12 Juni 2015]
- Pigatto, A. G. S. Mentz, L. A. Soares, G. L. G. (2015). Chemotaxonomic Characterization and Chemical Similarity of Solanaceae Subfamilies based on Ornithine Derivates. *Cloning and Transgenesis*, 4 (1), hlm. 1-8.

- Rahim, M. D. & Nasruddin, A. (2010). Deteksi Molekuler Rice Tungro Baciliform Virus di Sulawesi Selatan dengan Menggunakan PCR Genomik dan Optimalisasinya. *Fitomedika*. 7, (1), hlm. 55-61.
- Rasbak. (2011). *Solanum tuberosum flower*. [Online]. Tersedia: https://commons.wikimedia.org/wiki/File:Solanum_tuberosum_flower,_%27Dor%C3%A9%27_bloem_%285%29.jpg [20 Juni 2015]
- Richards, J. H. & Barrett, S. C. H. (1992). *Monographs on Theoretical and Applied Genetics*. Berlin: Springer.
- Roslani, R. (t.t.). *Budidaya Kentang*. [Online]. Tersedia: <http://balitsa.litbang.pertanian.go.id/ind/images/Isi%20poster/MP-17%20Budidaya%20Kentang.pdf> [1 Juni 2015]
- Saha, S. R. Hossain, M. M. Rahman, M. M. Kuo, C. G. Abdullah, S. (2010). Effect of High Temperature of Twelve Sweet Pepper Genotypes. *Bangladesh J. Agril*, 35 (3), hlm. 525-534.
- Sanders, R. (2003). *D. metel var. fastuosa form fastuosa*. [Online]. Tersedia: http://www.abads.org/abads/Rich_Sanders/datura_metel.htm [20 Juni 2015]
- Schoc, C. L. Seifert, K. A. Huhndorf, S. Robert, V. Spouge, J. L. Levesque, C. A. Chen, W. Fungal Barcoding Consortium. (2012). Nuclear Ribosomal Internal Transcribed Spacer (ITS) Region as a Universal DNA Barcode Marker for Fungi. *PNAS*, 109 (16), hlm. 6241-6246.
- Sibilio, G. (2015). *Brunfelsia uniflora*. [Online]. Tersedia: <http://www.flickriver.com/photos/tags/brunfelsia/interesting/> [20 Juni 2015]
- Simpson. (1998). *Gel Electrophoresis and Photography An Application Note*. UVP Inc.: Cambridge.
- Stefanovic, S. Krueger, L. Olmstead, R. G. (2002). Monophyly of The Convolvulaceae and Circumscription of Their Major Lineages Based on DNA Sequences of Multiple Chloroplast Loci. *American Journal of Botany*, 89 (9), hlm. 1510-1522.
- Subagja, J. (2006). Pembelajaran Taksonomi Fauna di Perguruan Tinggi. *Jurnal Fauna Tropika*, 15 (2), hlm. 101-105.

- Sukojo, B. M. (2003). Penggunaan Metode Analisa Ekologi Dan Penginderaan Jauh Untuk Pembangunan Sistem Informasi Geografis Ekosistem Pantai. *Makara Sains*, 7 (1), hlm. 30-37.
- Teare, J. M. Islam, R. Flanagan, R. Gallagher, S. Davies, M. G. Grabau, C. (1997). Measurement of Nucleid Acid Concentrations Using The DyNA Quant™ and The GeneQuant™. *BioTechniques*. 22, hlm. 1170-1174.
- Tippery, N. P. & Les, D. H. (2008). Phylogenetic Analysis of The Internal Transcribed Spacer (ITS) Region in Menyanthaceae Using Predicted Secondary Structure. *Molecular Phylogenetics and Evolution*. 49, hlm. 526-537.
- Top Tropicals. (2007). *Solanum viarum*. [Online]. Tersedia: http://topropicals.com/catalog/uid/Solanum_viarum.htm [20 Juni 2015]
- Torres, S. (2012). *Jazmin de Noche*. [Online]. Tersedia: https://commons.wikimedia.org/wiki/File:Jazm%C3%ADn_de_Noche.JPG [12 Juni 2015]
- Vos, J. M. d. Hughes, C. E. Schneewiss, G. M. Moore, B. R. Conti, E. (2014). Heterostyly Accelerates Diversification via Reduced Extinction in Primeroses. *Proceedings of The Royal Society*. hlm. 1-9.
- Webb, C. O. Slik, J. W. F. Triono, T. (2010). Biodiversity Inventory and Informatics in Southeast Asia. *Biodivers Conserv*. 10, hlm. 1-8.
- Xeramtheum. (2007). *Datura Brugmansia What's The Difference?*. [Online]. Tersedia: <https://davesgarden.com/community/forums/fp.php?pid=3333529> [12 Juni 2015]
- Yati, D. D. (2008). *Analisis Hubungan Kekerbatan pada Phyllanthus niruri L. Berdasarkan Karakter DNA*. Skripsi Sarjana pada FPMIPA UPI Bandung: tidak diterbitkan.
- Yilmaz, M. Ozic, C. Gok, I. (2012). *Gel Electrophoresis*. Shanghai: InTech China.
- Yulianti, E. (2006). Pengembangan Teknik Isolasi DNA Tumbuhan Menggunakan Detergen Komersial. *Makalah pada Seminar Nasional MIPA UNY*, Yogyakarta.
- Yusuf, Z. K. (2010). Polymerase Chain Reaction. *Saintek*. 5, (6), 1-6.

Zell, H. (2009). *Nicotiana tabacum*. [Online]. Tersedia: https://commons.wikimedia.org/wiki/File:Nicotiana_tabacum_003.JPG [20 Juni 2015]

Zulfahmi. (2013). Penanda DNA untuk Analisis Genetik Tanaman. *Jurnal Agroteknologi*, 3 (2), hlm. 41-52.