

DAFTAR PUSTAKA

- Álvarez, I. and J.F.Wendel. 2003. Ribosomal ITS Sequences and Plant Phylogenetic Inference. *Molecular Phylogenetics and Evolution*. 29: 417-434.
- Annaparna, D., A.S. Muyeed, and S. Viswanath. 2015. Morphological and Genetic Diversity Analysis in a Germplasm Bank of *Dendrocalamus stocksii* (Munro.) – Implications on Conservation. *International Journal of Molecular Ecology and Conservation*. 5(3): 1-8.
- Anonymous. 2001. Phylogeny and Sub-Familial Classification of The Grasses. *Annals of the Missouri Botanical Garden*. 88: 373-457.
- Anonymous. 2007. *Biodiversity in Sulawesi Island*. Interim Report: The Study on Arterial Road Network Development Plan for Sulawesi Island and Feasibility Study on Priority Arterial Road Development for South Sulawesi Province.
- Anonymous. 2012. An Updated Tribal and Subtribal Classification of the Bamboos (Poaceae: Bambusoideae). *The Journal of The American Bamboo Society*. 24(1): 1-10.
- Anonymous. 2013a. *Revitalisasi Budaya Bambu Nusantara*. Kongres Bambu Nasional 2013. Yogyakarta.
- Anonymous. 2013b. Version 1.1. Published on the Internet; <http://www.theplantlist.org/>. Diakses tanggal 3 Maret 2014.
- Anonymous. 2013c. DNA Barcoding in *Bambusa* spp. Using Internal Transcribed Spacer Region of The Nuclear Ribosomal RNA. *Executive summary*.
- Arinasa, I.D.K. 2005. Keanekaragaman dan Penggunaan Jenis-Jenis Bambu di Desa Tigawarsa Bali. *Biodiversitas*. 6(1): 17-21.
- Ascensão, L., N. Marques, and M.S. Pais. 1995. Glandular Trichomes on Vegetative and Reproductive Organs of *Leonotis leonulus* (Lamiaceae). *Annals of Botany*. 75: 619-626.
- Attigala, L., T. Gallaher, J. Nason, and L.G. Clark. 2014. Genetics Diversity and Population Structure of Threatened Temperate Woody Bamboo *Arundinaria debilis* (Poaceae: Bambusoideae) Populations from Sri Lanka Based on Microsatellite Analysis. *Proceeding of Botany*. 2014.
- Baas, P. 1982. Systematic, Phylogenetic, and Ecological Wood Anatomy – History and Perspectives. *Forestry Sciences*. 1: 23-58.
- Baldwin, B.G., M.J. Sanderson, J.M. Porter, M.F. Wojciechowski, C.S. Campbell, and M.J. Donoghue. 1995. The ITS Region of Nuclear Ribosomal DNA: A Valuable Source of Evidence on Angiosperm Phylogeny. *Annals of the Missouri Botanical Garden*. 82(2): 247-277.
- Barker, N.P., H.P. Linder, and E.H. Harley. 1995. Polyphyly of Arundinoideae (Poaceae): Evidence from rbcL sequence data. *Systematic Botany*. 20(4): 423-435.

- Barker, N.P., H.P. Linder, and E.H. Harley. 1999. Sequences of The Grass-Specific Insert in The Chloroplast *Rpoc2* Gene Elucidate Generic Relationships of the *Arundinoideae* (Poaceae): *Systematic Botany*. 23: 327-350.
- Bennet, S.S.R. and R.C. Gaur. 1990. *Thirty Seven Bamboos Growing in India*. Dehradun: Forest Research Institute.
- Bhattacharya, S., M. Das, R. Bar, and A. Pal. 2006. Morphological and Molecular Characterization of *Bambusa tulda* with a Note of Flowering. *Annals of Botany*. 98: 529-535.
- Bhattacharya, S., J.S. Ghosh, A. Mitra, and A. Pal. 2008. Genetic Diversity Assessment and Search for Disease Tolerant Genotypes Across the Natural Gene Pool of *Bambusa balcooa* and *B. tulda* using Molecular Tools and Technique. Proceeding of the National Conference on Bamboos: Management, Conservation, Value Addition and Promotion. Tropical Forest Research Institute. 12 – 14 Maret 2008.
- Brandis, D. 1907. Remarks of the Structure of Bamboo Leaves. *Transactions of the Linnean Society of London*. 7(5): 69-92.
- Brown-Guedira, G.L., J.A. Thompson, R.L. Nelson, and M.L. Warburton. 2000. Evaluation of Genetic Diversity of Soybean Introductions and North American Ancestors Using RAPD and SSR Markers. *Crop Science*. 40: 815-823.
- Bystriakova, N., V. Kapos, I. Lysenko, and C.M.A. Stepleton. 2003. Distribution and Conservation Status of Forest Bamboo Biodiversity In The Asia-Pacific Region. *Biodiversity and Conservation*. 12: 1833-1841.
- Carlquist, S. 2010. Caryophyllales: a Key Group for Understanding Wood Anatomy Character States and Their Evolution. *Botanical Journal of the Linnean Society*. 164: 342-393.
- Chaveerach, A., R. Sudmoon, T. Tanee, P. Mookamul, N. Sattayasai, and J. Sattayasai. 2008. Two New Species of *Curcuma* (*Zingiberaceae*) Used as Cobrabite Antidotes. *Journal of Systematics and Evolution*. 46(1): 80-88.
- Chele, E., M. Ricardo, P. Ana, and M. Teresa. 2012. Bamboo, from Traditional Craft to Contemporary Design and Architecture. *Procedia – Social and Behavioral Science*. 51: 777-781.
- Clark, L.G., W. Zhang, and J.F. Wendel. 1995. A Phylogeny of The Grass Family (Poaceae) Based on *ndhF* Sequence Data. *Systematic Botany*. 20: 436-460.
- Cutler, D.F., T. Botha, and D.W. Stevenson. 1939. *Plant Anatomy. An Applied Approach*. Blackwell Publishing, Australia.
- Das, M., S. Bhattacharya, and A. Pal. 2005. Generation and Characterization of SCARs by Cloning and Sequencing of RAPD Products: A Strategy for Species-specific Marker Development in Bamboo. *Annals of Botany*. 95: 835–841.
- Das, M., S. Bhattacharya, J. Basak, and A. Pal. 2007. Phylogenetic Relationship Among The Bamboo Species as Revealed by Morphological Characters and Polymorphism Analysis. *Biologia Plantarum*. 51(4): 667-672.

- Das, M., S. Bhattacharya, P. Singh, T.S. Filgueiras, and A.Pal. 2008. Bamboo Taxonomy and Diversity in The Era of Molecular Markers. *Advances in Botanical Research*. Vol. 47: 225-268.
- Davies, K.L. and M. Stpiczyńska. 2010. Structure and Distribution of Floral Trichomes in *Lycaste* and *Sudamerlycaste* (Orchidaceae: Maxillariinae s.l.). *Botanical Journal of Linnean Society*. 164: 409-421.
- Davilá, P. and L.G. Clark. 1990. A Scanning Electron Microscopy Survey of Leaf Epidermis in *Sorghastrum* (Poaceae: Andropogoneae). *American Journal of Botany*. 77(4): 499-511.
- De Villiers, B.J., P.M. Tilney, and B. Van Wyk. 2010. The Taxonomic Significance of Leaf Anatomy Characters in *Cussonia* and Related Genera (Araliaceae). *Botanical Journal of the Linnean Society*. 164: 246-263.
- Doebley, J., M. Durbin, E.M. Golenberg, M.T. Clegg, and D.P. Ma. 1990. Evolutionary Analysis of The Large Subunit of Carboxylase (RbcL) Nucleotide Sequence Data among The Grasses (Gramineae). *Evolution*. 44: 1097-1108.
- Donoghue, M.J. and M.J. Sanderson. 1992. The Suitability of Molecular and Morphological Evidence in Reconstructing Plant Phylogeny. pp. 340-368.
- Dransfield, S. and E.A. Widjaja. 1995. *Plant Resources of Southeast Asia (PROSEA) No: 7-Bamboos*. Backhuys Publishers, Leiden, Holland.
- Dwiwulan, A.P.Y. 2005. Hubungan Kekerbatan Bambu Belo Terhadap Marga *Bambusa*, *Gigantochloa*, dan *Dendrocalamus* Berdasarkan Sifat Morfologis Organ Vegetatif. *Skripsi*. Universitas Gadjah Mada.
- Ellis, R.P. 1979. A Procedure for Standardizing Comparative leaf Anatomy in the Poaceae. II. The Epidermis as seen in Surface View. *Bothalia*. 12: 641-671.
- Endress, P.K., P. Baas, and M. Gregory. 2000. Systematic Plant Morphology and Anatomy: 50 Years of Progress. *Taxon*. 49(3):401-434.
- Esau, K. 1953. *Plant Anatomy*. John Wiley & Sons, inc. The United States of America. pp. 136-169.
- Fahn, A. 1982. *Plant Anatomy*. Pergamon Press. United Kingdom.
- Frankham, R. 1996. Relationship of Genetic Variation to Population Size in Wildlife. *Conservation Biology*. 10 (6): 1500-1508.
- Gaut, B.S., L.G. Clark, J.F. Wendel, and S.V. Muse. 1997. Comparisons of The Molecular Evolutionary Process at rbcL and ndhF in The Grass Family (Poaceae). *Molecular Biology and Evolution*. 14(7): 769-777.
- Geng, Y., R.D. Klinken, A.Sosa, B. Li, J. Chen, and C. Xu. 2016. The relative Importance of Genetic Diversity and Phenotypic Plasticity in Determining Invasion Success of a Clonal Weed in the USA and China. *Frontiers in Plant Science*. 7(213): 1-13.
- Ghosh, S., B. Somkuvar, S.S. Mandi, and N.C. Talukdar. 2012. Genetic Variability and Phylogenetic Relationship among Some Bamboo Species of North-East India by AFLP Analysis. *Asean Journal of Plant Science and Research*. 2(4):478-485.

- Giellis, J. 1998. *Upstream Fundamental Research in Bamboo – Possibilities and Direction*. Keynote lecture at Vth International Bamboo Congress, San José, Costa Rica, November 2-6, 2008.
- Goh, W.L., S. Chandran, R.S. Lin, N.H. Xia, and K.M. Wong. 2010. Phylogenetic Relationship among Southeast Asian Climbing Bamboos (Poaceae: Bambusoideae) and the *Bambusa* complex. *Biochemical Systematics and Ecology*. 38: 764-773.
- Gomes, D.M.S. and L.J. Neves. 2009. Scanning Electron Microscopy of the Leaf Epidermis of *Merostachys* Spreng. (Poaceae: Bambusoideae). *Acta botanica brasiliica*. 23(2): 516-525.
- Guangchu, Z. 2002. *A Manual of Bamboo Hybridization*. INBAR. VSP.
- Guerreiro, C., M.F. Rodrigues, and Z.E. Rugolo de Agrasar. 2013. Culm Anatomy: A Contribution to the Identification of Vegetative Andean Woody Bamboos in Southernmost America. *Kew Bulletin*. 68: 209-218.
- Guo, Z.H., Y.Y. Chen, D.Z. Li, and J.B. Yang. 2001. Genetic Variation and Evolution of the Alpine Bamboo (Poaceae: Bambusoideae) using DNA Sequence Data. *Journal of Plant Research*. 114: 315-322.
- Guo, Z.H., Y.Y. Chen, and D.Z. Li. 2002. Phylogenetic Studies on *Thamnocalamus* group and its allies (Bambusoideae: Poaceae) based on ITS Sequence Data. *Molecular Phylogenetics and Evolution*. 22: 20-30.
- Hamby, R.K. and E.A. Zimmer. 1988. Ribosomal RNA Sequences for Inferring Phylogeny within The Grass Family (Poaceae). *Plant Systematic and Evolution*. 160: 29-37.
- Hartmann, S., J.D. Nason, and D. Bhattacharya. 2001. Extensive Ribosomal DNA Genic Variation in the Columnar Cactus *Lophocereus*. *Journal of Molecular Evolution*. 53: 124-134.
- Herskovitz, M.A. and E.A. Zimmer. 1997. On The Evolutionary Origins of The Cacti. *Taxon*. 46:217-232.
- Hilu, K.W., L.A. Alice, and H. Liang. 1999. Phylogeny of Poaceae Inferred from matK Sequences. *Annals of the Missouri Botanical Garden*. 86: 835-851.
- Hodkinson, T.R., S.A. Renvoize, and G.N. Chonghaile. 2000. A Comparison of ITS Nuclear rDNA Sequence Data and AFLP Markers for Phylogenetic Studies in *Phyllostachys* (Bambusoideae, Poaceae). *Journal of Plant Research*. 113: 259-269.
- Hsiao, C., S.W.L. Jacobs, N.J. Chatterton, and K.H. Asay. 1999. A Molecular Phylogeny of The Grass Family (Poaceae) Based on the Sequences of Nuclear Ribosomal Dna (ITS). *Australian Systematic Botany*. 11: 667-688.
- Huang, X., J. Qi, J. Xie, J. Hao, B. Qin, and S. Chen. 2015. Variation in Anatomical Characteristics of Bamboo, *Bambusa rigida*. *Sains Malaysiana*. 44(1): 17-23.
- Irawan, B., S.R. Rahayuningsih, and J. Kusmoro. 2006. *Keanekaragaman Bambu di Kabupaten Sumedang Jawa Barat*. Universitas Padjajaran.
- Johansen, D.A. 1940. *Plant Microtechnique*. First Edition. Mc.Graw-Hill Book Company, Inc. Newyork and London. pp. 110-154

- Jones S.B. and A.E. Luchsinger. 1986. *Plant Systematics*. New York: McGraw-Hill.
- Joshi, S.P., P.K. Ranjekar, and V.S. Gupta. 1999. Molecular markers in plant genome analysis. *Current Science*. 77: 230-240.
- Judziewicz EJ, LG. Clark, X. Londono, and M.J. Stern. 1999. *American Bamboos*. Washington, DC: Smithsonian Institution Press.
- Kaneko, S., D.C. Franklin, N. Yamasaki, and Y. Isagi. 2008. Development of Microsatellite Markers for *Bambusa arnhemica* (Poaceae: Bambuseae), a Bamboo Endemic to Northern Australia. *Conservation Genetics*. 9: 1311-1313.
- Kelchner, S.A. and Bamboo Phylogeny Group. 2013. Higher Level Phylogenetic Relationship Within The Bamboos (Poaceae: Bambusoideae) Based on Five Plastid Markers. *Molecular Phylogenetics and Evolution*. 67: 404-413.
- Kellogg, E.A. and L. Watson. 1993. Phylogenetic Studies of A Large Data Set. Bambusoideae, Andropogonodae, and Pooideae (Gramineae). *Botanical Review*. 59(4): 273-343.
- Keukeleire, P.D., S. De Schepper, J.Gielis, and T. Gerats. 2004. A PCR-based Assay to Detect hAT-like Transposon Sequences in Plants. *Chromosome Research*. 12: 117-123.
- Kimura, M. 1980. A Simple Method for Estimating Evolutionary Rates of Base Substitutions Through Comparative Studies of Nucleotide Sequences. *Journal of Molecular Evolution*. 16: 111-120.
- Kita, Y. and M. Ito. 2000. Nuclear Ribosomal ITS Sequences and Phylogeny in East Asian Aconitum Subgenus Aconitum (Ranunculaceae), with Special Reference to Extensive Polymorphism in Individual Plants. *Plant Systematics and Evolution*. 225 (1/4): 1-13.
- Kochhar, S., B. Mal and R.G. Chaudhary. 1990. *Population aspect of the phenological behaviour of bamboo germplasm*. pp. 51-58. In Proc. III Intl Bamboo workshop. (I.V. Ramanuja Rao, R. Gnanaharan and C.B. Sastry, eds.). *Bamboos: Current Research* KFRI, India and IDRC, Canada.
- Kovach. 2007. *Multi-variate Statistical Package*. Ver. 3.1. Published by Kovach Computing Services, Pentraeth, Wales, U.K. pp. 1-145.
- Kumar, P.P., I.M. Turner, A.N. Rao, and K. Arumuganathan. 2011. Estimation of Nuclear DNA Content of Various Bamboo and Rattan Species. *Korean Society for Plant Biotechnology*. 5:317-322.
- Kustanti, A.T. 2005. Hubungan Kekerbatan Bambu Belo Terhadap Marga *Bambusa*, *Dendrocalamus*, dan *Gigantochloa* Berdasarkan Sifat Anatomi Buluh Bambu. *Skripsi*. Universitas Gadjah Mada.
- Lai, C.C. and J.Y. Hsiao. 1997. Genetic Variation of *Phyllostachys pubescens* (Bambusoideae, Poaceae) in Taiwan based on DNA Polymorphisms. *Botanical Bulletin of Academia Sinica*. 38: 145-152.
- Librado, P. and J. Rozas. 2009. DnaSP v5: a Software for Comprehensive Analysis of DNA Polymorphism Data. *Bioinformatics Applications Note. Genetics and population analysis*. 25(11): 1451-1452.

- Liu W. and X.Y. Zhu. 2011. Leaf Epidermis Characters and Taxonomic Revision of *Schizophragma* and *Pileostegia* (Hydrantheaceae). *Botanical Journal of the Linnean Society*. 165: 285-314
- Loh, J.P., R. Kiew, O. Set, L.H. Gan, and Y.Y. Gan. 2000. A Study of Genetic Variation and Relationships within The Bamboo Subtribe Bambusinae Using Amplified Fragment Length Polymorphism. *Annals of Botany*. 85: 607-612.
- Marulanda, M.L., P. Márques, and X. Londono. 2002. AFLP Analysis of *Guadua angustifolia* (Poaceae: Bambusoideae) in Colombia with Emphasis on the Coffee Region. *Bamboo Science and Culture: The Journal of the American Bamboo Society*. 16(1): 32-42.
- Mason-Gamer, R.J., C.F. Weil, and E.A. Kellogg. 1998. Granule-bound Starch Synthase: Structure, Function, and Phylogenetic Utility. *Molecular Biology and Evolution*. 15: 1658-1673.
- Mathews, S., R.C. Tsai, and E. Kellogg. 2000. Phylogenetic Structure in the Grass Family (Poaceae): Evidence from the Nuclear Gene Phytochrome B. *American Journal of Botany*. 87: 96-107.
- Mayol, M. and J.A. Rossello. 2001. Why Nuclear Ribosomal DNA Spacers (ITS) Tell Different Stories in *Quercus*. *Molecular Phylogenetics and Evolution*. 19(2): 167-176.
- Mohmod, A.L., W.T. Wan Ariffin, and A. Fauzidah. 1990. Anatomical Feature and Mechanical Properties of Three Malaysian Bamboos. *Journal of Tropical Forest Science*. 2(3): 227-234.
- Mohmod, A.L., A. Amin, J. Kasim, and M. Zin Jusuh. 1992. Effects of Anatomical Characteristics on the Physical and Mechanical Properties of *Bambusa blumeana*. *Journal of Tropical Forest Science*. 6(2): 157-170.
- Moss, S.J. and M.E.J. Wilson. 1998. *Biogeographic Implication of the Tertiary Palaeogeographic Evolution of Sulawesi and Borneo*. pp. 133-163. In R. Hall and J.D. Holloway (Eds). *Biogeography and Geological Evolution of SE Asia*. Backhuys Publishers, Leiden, The Netherlands.
- Mukherjee, A.K., S. Ratha, S. Dhar, A.K. Debata, P.K. Acharya, S. Mandal, P.C. Panda, and A.K. Mahapatra. 2010. Genetic Relationships among 22 Taxa of Bamboo Revealed by ISSR and EST-Based Random Primers. *Biochemical Genetics*. 48: 1015-1025.
- Nadot, S., R. Bajon, and B. Lejeune. 1994. The Chloroplast Gene *Rps4* as a Tool for the Study of Poaceae Phylogeny. *Plant Systematics and Evolution*. 191: 27-38.
- Nayak, S., G.R. Rout, and P. Das. 2003. Evaluation of the Genetic Variability in Bamboo using RAPD Markers. *Plant Soil and Environment*. 49: 24-28.
- Nayak, S. and G.R. Rout. 2005. Isolation and Characterization of Micro Satellites in *Bambusa Arundinacea* and Cross Species Amplification in Other Bamboos. *African Journal of Biotechnology*. 4(2): 151-156.
- Negi, D. and S. Saxena. 2010. Ascertainning Clonal Fidelity Of Tissue Culture Raised Plants of *Bambusa Balcooa* Roxb. using Inter Simple Sequence Repeat Markers. *New Forests*. 40: 1-8.

- Nei, M. 1972. Genetic Distance Between Population. *American Nature*. 106: 283-292.
- Nei, M. 1973. Analysis of gene diversity in subdivided populations. *Proceedings of the National Academy of Sciences*. 70: 3321–3323.
- Ohrnberger, D. 1999. The Bamboos of the World. *Elsevier*, Amsterdam. pp. 1-596
- Paran, I. and R.W. Michelmore. 1993. Development of Reliable PCR-based Markers Linked to Downy Mildew Resistance Genes in Lettuce. *Theoretical and Allied Genetics*. 85(8). 985-993.
- Parameswaran, N. and W. Liese. 1976. On the Fine Structure of Bamboo fibres. *Wood Science and Technology*. 10: 231-246.
- Pattanath, P.G. and K.R. Rao. 1969. *Epidermal and Internodal Structure of the Culm as Aid To Identification and Classification of Bamboo*. In: *Recent Advances in the Anatomy of Tropical Seed Plants*. Hindustan Publishing Corporation. Delhi.7: 179-196.
- Payne, MM. 1978. A Glossary of Plant Hair Terminology. *Brittonia*. 30: 239-255.
- Poczai, P. and J. Hyvönen. 2010. Nuclear Ribosomal Spacer Regions in Plant Phylogenetics: Problem and Prospect. *Molecular Biology Reports*. 37: 1897-1912.
- Poinar, G.O. and J.T. Columbus. 1992. Adhesive Grass Spikelet with Mammalian Hair in Dominican Amber: First Fossil Evidence of Epizoochory. *Experientia*. 48(9): 906-908.
- Pole, M. 2010. Cuticle Morphology of Australasian Sapindaceae. *Botanical Journal of the Linnean Society*. 164: 264-292.
- Population Reference Bureau. 2016. *2016 World Population Data Sheet*. <http://www.prb.org>. Diakses tanggal 3 September 2016.
- Ramanayake, S.M.S.D., V.N. Meemaduma, and T.E. Weerawardene. 2007. Genetic Diversity and Relationship Between Nine Species of Bamboo in Sri Lanka, Using Random Amplified Polymorphic DNA. *Plant Systematics and Evolution*. 269: 55-61.
- Renvoize, S.A. 1987. A Survey of Leaf-blade Anatomy in Grasses X: Bambuseae. *Kew Bulletin*. 42(1): 201-207.
- Rédei, G.P. 2008. *Encyclopedia of Genetics, Genomics, Proteomics and Informatics*. 3rd ed. Springer Netherlands, 1537p.
- Satya, S., P. Sigal, L.M. Bal, and P.Sudhakar. 2012. Bamboo Shoot: A Potential Source of Food Security. *Mediterranean Journal of Nutrition and Metabolism*. 5:1-10.
- Schönenberger, J. and M.V. Balthazar. 2012. Modern Plant Morphological Studies. *Botanical Journal of the Linnean Society*. 169: 565-568.
- Senthilkumar M. K., P. Sivakumar, F. Changanakkattil, V. Rajesh, and P. Perumal. 2011. Evaluation of Anti-diabetic Activity of *Bambusa vulgaris* Leaves in Streptozotocin Induced Diabetic Rats. *International Journal of Pharmaceutical Sciences and Drug Research*. 3(3): 208-210.
- Sharma, V., P. Bhardwaj, R. Kumar, R.K. Sharma, A. Sood, and P.S. Ahuja. 2009. Identification and Cross-Species Amplification of EST Derived SSR Markers in Different Bamboo Species. *Conservation Genetics*. 10: 721-724.

- Shi, J.M., X.H. Ye, F.S. Chen, and G.Y. Yang. 2014. Adaptation of Bamboo to Heterogeneous Habitat: Phenotypic Plasticity. *Acta Ecologica Sinica*. 34(20): 5687-5695.
- Shu, L.Z., X. Nianhe, J. Liangzhi, C. Liang-chih, L. Dezhu, and C. Stepleton. 2006. *Flora of China: Bambusa* Schreber, Gen. Pl. 236. 1789, nom. cons.
- Singh, G. 2010. *Plant Systematics. An Integrated Approach*. Third edition. Science Publishers, Enfield, NH, USA. pp. 1-358.
- Sneath, H.A., and R.R. Sokal. 1973. *Numerical Taxonomy*. W.H. Freeman and Company, San Francisco. pp. 1-451.
- Soderstrom, T.R. 1981. Some Evolutionary Trends in the Bambusoideae (Poaceae). *Annals of the Missouri Botanical Garden*. 68:15-47.
- Soderstrom, T.R. 1986. Bamboo Systematics: Yesterday, Today, and Tomorrow. Proceedings of The First International Bamboo Conference. *Journal of the American Bamboo Society*. 1-4.
- Song, H., S. Gao, M. Jiang, G. Liu, X. Yu, and Q. Chen. 2012. The Evolution and Utility of Ribosomal ITS Sequences in Bambusinae and Related Species: Divergence, Pseudogenes, and Implications for Phylogeny. *Journal of Genetics*. 91(2): 129-139.
- Stace, C.A. 1989. *Plant Taxonomy and Biosystematics*. Second Edition. Routledge, Chapman and Hall Inc. USA.
- Stapleton, C.M.A. 1997. *Morphology of Woody Bamboos*. In Chapman, G.P. (ed), *The Bamboos*: 251-267. Academic Press.
- Sun, Y., N. Xia, and R. Lin. 2005. Phylogenetic Analysis of *Bambusa* (Poaceae: Bambusoideae) Based on Internal Transcribed Spacer Sequences of Nuclear Ribosomal DNA. *Biochemical Genetics*. 43: 603-612.
- Sun, Y., N. Xia, and C.M.A. Stepleton. 2006. Relationships Between *Bambusa* Species (Poaceae, Bambusoideae) Revealed by Random Amplified Polymorphic DNA. *Biochemical Systematics and Ecology*. 34. 417-423.
- Sutiyono. 2001. Jenis-jenis Bambu Terpening di Indonesia. Makalah disampaikan pada Temu Usaha Rotan dan Bambu. Bandung, 23 -24 Agustus 2004.
- Suyama, Y., K. Obayashi, and I. Hayashi. 2000. Clonal Structure in a Dwarf Bamboo (*Sasa senanensis*) Population Inferred from Amplified Fragment Length Polymorphism (AFLP) Fingerprints. *Molecular Ecology*. 9(7): 901-906.
- Tabrani, G., A. Setiawan, and E.A. Widjaja. 1989. Anatomi Buluh Jenis-Jenis *Schizostachyum* Koleksi Kebun Raya Bogor. *Floribunda*. 1 (11): 41-44.
- Tamura, K., D. Peterson, N. Peterson, G. Stecher, M. Nei, and S. Kumar. 2011. MEGA5: Molecular Evolutionary Genetics Analysis Using Maximum Likelihood, Evolutionary Distance, and Maximum Parsimony Methods. *Molecular Biology and Evolution*. 28(10): 2731-2739.
- Tang, D., J. Lu, W. Fang, S. Zhang, and M. Zhou. 2010. Development, Characterization and Utilization of GenBank Microsatellite Markers in *Phyllostachys pubescens* and Related Species. *Molecular Breeding*. 25: 299-311.

- Tateoka, T., S. Inoue, and K. Kawano. 1959. Notes on some Grasses IX: Systematic Significance of Bicellular Microhairs of Leaf Epidermis. *Botanical Gazette*. 121: 80-91.
- Thakur, A., S. Barthwal, and H.S. Ginwal. 2016. Genetic Diversity in Bamboos: Concervation and Improvement for Productivity.
- Tien, T.V., N.H. Nghia, and N. Xia. 2014. *Micromorphological study of the leaf epidermis of Schizostachium ness from Vietnam*. Vietnamese Academy of Forest Sciences.
- Vieira, R.C., D.M.S. Gomes, L.S. Sarahyba, and R.C.O. Aruuda. 2002. Leaf Anatomy of Three Herbaceous Bamboo Species. *Brazilian Journal of Biology*. 62(4B): 907-922.
- Vogtländer, J.G. and P. Lugt. 2014. *The Environmental Impact of Industrial Bamboo Products: Life-Cycle Assesment Carbon Sequestration*. International Network for Bamboo and Rattan. ISBN: 978-92-95098-34-3.
- Wagner, A., N. Blackstone, P. Cartwright, M. Dick, B. Misof, P. Snow, G.P. Wagner, J. Bartels, M. Murtha, and J. Pendleton. 1994. Surveys of Gene Families using Polymerase Chain Reaction: PCR Selection and PCR drift. *Systematic Biology*. 43: 250-261.
- White, T.J., T. Bruns, S. Lee, and J. Taylor. 1990. *Amplification and direct sequencing of fungal ribosomal RNA genes for phylogenetics*. In: *PCR Protocols: A Guide to Methods and Applications*. (M. Innis, D. Gelfand, J. Sninsky and T. White, eds.), pp. 315–322. Academic Press, San Diego.
- Widjaja, E.A. 1980. *Bamboo Research in Asia (Indonesia)*. Proceedings of a Workshop Held in Singapore. Organized by the International Development Research Centre and the International Union of Forestry Research Organization.
- Widjaja, E.A. 1988. Ethnobotany of The Funeral Ceremony of The Torajanese. *Economic Botany*. 42(2): 250-254.
- Widjaja, E.A. 1997. New Taxa in Indonesian Bamboos. *Reinwardtia*. 11(2): 57-152.
- Widjaja, E.A. 2001a. *Identikit Jenis-Jenis Bambu di Jawa*. Puslitbang Biologi – LIPI.
- Widjaja, E.A. 2001b. *Identikit Jenis-Jenis Bambu di Kepulauan Sunda Kecil*. Puslitbang Biologi – LIPI.
- Widjaja, E.A. and Hamzah. 2002. *Preliminary Anatomical Study of Bamboo Culm Epidermis for Identification Purposes*. The 5th Pacific Regional Wood Anatomy Conference. Yogyakarta 9 – 14 September 2002.
- Widjaja, E.A. and Karsono. 2005. Keanekaragaman Bambu di Pulau Sumba. *Biodiversitas*. 6(2): 95-99.
- Widjaja, E.A., I.P. Astuti, I.B.K. Arinasa, dan I.W. Sumantera. 2005. *Identikit Bambu di Bali*. Puslitbang Biologi – LIPI.
- Wu. 1962. The Classification of Bambuseae Based On Leaf Anatomy. *Botanical Bulletin of Academia Sinica*. 3: 83-114.
- Yang, H., H. Wang, and D. Li. 2008. Comparative Morphology of the Foliage Leaf Epidermis, with Emphasis on Papillae Characters, in Key Taxa of

- Woody Bamboos of The Asian Tropics (Poaceae: Bambusoideae). *Botanical Journal of the Linnean Society*. 156: 411–423.
- Yang, H., J. Yang, Z. Peng, J. Gao, Y. Yang, S. Peng, and D. Li. 2008. A Molecular Phylogenetic and Fruit Evolutionary Analysis of the Major Groups of The Paleotropical Woody Bamboos (Graminae: Bambusoideae) Based on Nuclear ITS, GBSSI Gene and Plastid *trnL-F* DNA Sequences. *Molecular Phylogenetics and Evolution*. 48: 809-824.
- Yang, H., M. An, Z. Gu, and B. Tian. 2012. Genetic Diversity and Differentiation of *Dendrocalamus membranaceus* (Poaceae: Bambusoideae), a Declining Bamboo Species in Yunnan, China, as Based on Inter-Simple Sequence Repeat (ISSR) Analysis. *International Journal of Molecular Sciences*. 13:4446-4457.
- Yang, S., M. Sun, Y. Zhang, H. Cochard, and K. Cao. 2014. Strong Leaf Morphological, Anatomical, and Physiological Responses of a Subtropical Woody Bamboo (*Sinarundinaria nitida*) to Contrasting Light Environments. *Plant Ecology*. 215: 97-109.
- Yani, A.P. 2012. Keanekaragaman dan Populasi Bambu di Desa Talang Pauh Bengkulu Tengah. *Jurnal Exacta*. XI(1): 61-70.
- Yeh, F., R. Yang, and T. Boyle. 2001. *POPGENE*, version 1.31; Microsoft Windows-based Freeware for Population Genetic Analysis; University of Alberta: Edmonton, Canada.
- Zarrei M., P. Wilkim, M.J. Ingrouille, S. Zarre, and M.W. Chase. 2010. The Systematic Importance of Anatomical Data in Gagea (Liliaceae) from the Flora Iranica Area. *Botanical Journal of the Linnean Society*. 164: 155-177.
- Zhang, W., J.F. Wendel, and L.G. Clark. 1997. Bamboozled again! Inadvertent Isolation of Fungal rDNA Sequence from Bamboos (Poaceae: Bambusoideae). *Molecular Phylogenetics and Evolution*. 8(2): 205-217.
- Zhang, H.Y., Y.M. Yang, and X.Z. Liu. 2011. Bamboo Species Relations Revealed by Random Amplified Polymorphism Chloroplast DNA. *African Journal of Agricultural Research*. 6(5): 1241-1245.
- Zhang, Y., C. Zeng, and D. Li. 2014. Scanning Electron Microscopy of the Leaf Epidermis in *Arundinarieae* (Poaceae: Bambusoideae): Evolutionary Implications of Selected Micromorphological Features. *Botanical Journal of the Linnean Society*. 176: 46-65.
- Zhou, W. and L.H. Xia. 2012. Leaf Epidermal Features of *Lithocarpus* (Fagaceae) from China and their Systematic Significance. *Botanical Journal of the Linnean Society*. 168:216-228.
- Zhu, S., T. Liu, Q. Tang, L. Fu, and Sh. Tang. 2014. Evaluation of Bamboo Genetic Diversity Using Morphological and SRAP Analyses. *Russian Journal of Genetics*. 50(3): 267-273.