

*Chapter 6:*  
*Bibliography*

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- Adams, K. L., Y. L. Qiu, M. Stoutemyer and J. D. Palmer (2002). Punctuated evolution of mitochondrial gene content: high and variable rates of mitochondrial gene loss and transfer to the nucleus during angiosperm evolution. *Proceedings of the National Academy of Sciences* **99**(15): 9905-9912.
- Altschul, S. F. and W. Gish (1996). Local alignment statistics. *Methods in Enzymology* **266**: 460-480.
- Altschul, S. F., W. Gish, W. Miller, E. W. Myers and D. J. Lipman (1990). Basic local alignment search tool. *Journal of Molecular Biology* **215**(3): 403-410.
- Asahina, H., J. Shinozaki, K. Masuda, Y. Morimitsu and M. Satake (2010). Identification of medicinal *Dendrobium* species by phylogenetic analyses using *matK* and *rbcL* sequences. *Journal of Natural Medicines* **64**(2): 133-138.
- Bahadur, K. (1979). Taxonomy of bamboos. *Indian Journal of Forestry* **2**(3): 222-241.
- Bardenas, E. A. and T.-T. Chang (1965). Morphology and Varietal Characteristics of the Rice Plant, The International Rice Research Institute.
- Barker, N. P., L. G. Clark, J. I. Davis, M. R. Duvall, G. F. Guala, C. Hsiao, E. A. Kellogg and H. P. Linder (2001). Phylogeny and subfamilial classification of the grasses (Poaceae). *Annals of the Missouri Botanical Garden*: 373-457.
- Barkley, N., M. Newman, M. Wang, M. Hotchkiss and G. Pederson (2005). Assessment of the genetic diversity and phylogenetic relationships of a temperate bamboo collection by using transferred EST-SSR markers. *Genome* **48**(4): 731-737.

- Barooah, C. and S. K. Borthakur (2003). Diversity and distribution of bamboos in Assam, Bishen Singh Mahendra Pal Singh (BSMPS).
- Beddome, R. H. and G. Bentham (1873). The flora sylvatica for southern India, Printed by Gantz brothers.
- Brea, M. and A. F. Zucol (2007). *Guadua zuloagae* sp. nov., the first petrified bamboo culm record from the Ituzaingó Formation (Pliocene), Paraná Basin, Argentina. *Annals of Botany* **100**(4): 711-723.
- Bruni, I., F. De Mattia, A. Galimberti, G. Galasso, E. Banfi, M. Casiraghi and M. Labra (2010). Identification of poisonous plants by DNA barcoding approach. *International Journal of Legal Medicine* **124**(6): 595-603.
- Bystriakova, N., V. Kapos, I. Lysenko and C. Stapleton (2003). Distribution and conservation status of forest bamboo biodiversity in the Asia-Pacific Region. *Biodiversity & Conservation* **12**(9): 1833-1841.
- Chase, M. W., R. S. Cowan, P. M. Hollingsworth, C. Van Den Berg, S. Madriñán, G. Petersen, O. Seberg, T. Jørgensen, K. M. Cameron and M. Carine (2007). A proposal for a standardised protocol to barcode all land plants. *Taxon* **56**(2): 295-299.
- Chatterji, R. and M. Raizada (1963). Culm-sheaths as Aid to Identification of Bamboos. *Indian Forester* **89**(11): 744-758.
- Chen, S., H. Yao, J. Han, C. Liu, J. Song, L. Shi, Y. Zhu, X. Ma, T. Gao and X. Pang (2010). Validation of the *ITS2* region as a novel DNA barcode for identifying medicinal plant species. *PLoS One* **5**(1): e8613.
- Cho, Y., J. P. Mower, Y. L. Qiu and J. D. Palmer (2004). Mitochondrial substitution rates are extraordinarily elevated and variable in a genus of flowering plants. *Proceedings of the National Academy of Sciences* **101**(51): 17741-17746.

- Cho, Y., Y. L. Qiu, P. Kuhlman and J. D. Palmer (1998). Explosive invasion of plant mitochondria by a group I intron. *Proceedings of the National Academy of Sciences* **95**(24): 14244-14249.
- Clayton, W. D. and S. A. Renvoize (1986). *Genera graminum. Grasses of the world.* Kew Bulletin Additional Series **13**.
- Crepet, W. L. and G. D. Feldman (1991). The earliest remains of grasses in the fossil record. *American Journal of Botany*: 1010-1014.
- 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**(5): 835-841.
- 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* **47**: 225-268.
- Ding, Y. (1998). Systematic studies on *Phyllostachys*, Ph. D. dissertation, Nanjing University, China.
- Dong, W., J. Liu, J. Yu, L. Wang and S. Zhou (2012). Highly variable chloroplast markers for evaluating plant phylogeny at low taxonomic levels and for DNA barcoding. *PLoS One* **7**(4): e35071.
- Dong, Y.-R., Z.-R. Zhang and H.-Q. Yang (2012). Sixteen novel microsatellite markers developed for *Dendrocalamus sinicus* (Poaceae), the strongest woody bamboo in the world. *American Journal of Botany* **99**(9): e347-e349.
- Dunning, L. T. and V. Savolainen (2010). Broad - scale amplification of matK for DNA barcoding plants, a technical note. *Botanical Journal of the Linnean Society* **164**(1): 1-9.

- Erdtman, G. (1986). Pollen morphology and plant taxonomy: angiosperms, Brill Archive.
- Fazekas, A. J., K. S. Burgess, P. R. Kesanakurti, S. W. Graham, S. G. Newmaster, B. C. Husband, D. M. Percy, M. Hajibabaei and S. C. Barrett (2008). Multiple multilocus DNA barcodes from the plastid genome discriminate plant species equally well. PLoS One **3**(7): e2802.
- Fernandez-Pacella, L. (2014). [Pollen morphology of species of genus *Senna* (Fabales: Fabaceae) in Southeast Ibera, Corrientes, Argentina]. Revista de Biología Tropical **62**(2): 769-782.
- Filgueiras, T. S. and A. S. Gonçalves (2004). A checklist of the basal grasses and bamboos in Brazil (Poaceae). Journal of American Bamboo Society **18**(1): 7-18.
- Foster, A. S. and E. M. Gifford (1959). Comparative morphology of vascular plants. Comparative Morphology of Vascular Plants, W. H. Freeman and Company, San Francisco, California.
- Friar, E. and G. Kochert (1994). A study of genetic variation and evolution of *Phyllostachys* (Bambusoideae: Poaceae) using nuclear restriction fragment length polymorphisms. Theoretical and Applied Genetics **89**(2-3): 265-270.
- Fu, Y.-M., W.-M. Jiang and C.-X. Fu (2011). Identification of species within *Tetrastigma* (Miq.) Planch.(Vitaceae) based on DNA barcoding techniques. Journal of Systematics and Evolution **49**(3): 237-245.
- Funayama-Noguchi, S., K. Noguchi and I. Terashima (2014). Comparison of the response to phosphorus deficiency in two lupin species, *Lupinus albus* and *L. angustifolius*, with contrasting root morphology. Plant Cell and Environment.

- Ge, S., A. Li, B.-R. Lu, S.-Z. Zhang and D.-Y. Hong (2002). A phylogeny of the rice tribe Oryzeae (Poaceae) based on *matK* sequence data. *American Journal of Botany* **89**(12): 1967-1972.
- Gielis J, E. I., De LM. (1997). Analysis of genetic variability and relationships in *Phyllostachys* using random amplified polymorphic DNA. *The bamboos*. C. G, Academic Press, London: 107 - 124.
- Goh, W., S. Chandran, R.-S. Lin, N.-H. Xia and K. Wong (2010). Phylogenetic relationships among Southeast Asian climbing bamboos (Poaceae: Bambusoideae) and the *Bambusa* complex. *Biochemical Systematics and Ecology* **38**(4): 764-773.
- Gonzalez, M. A., C. Baraloto, J. Engel, S. A. Mori, P. Pétronelli, B. Riéra, A. Roger, C. Thébaud and J. Chave (2009). Identification of Amazonian trees with DNA barcodes. *PLoS One* **4**(10): e7483.
- Gu, J., J. X. SU, R. Z. LIN, R. Q. LI and P. G. XIAO (2011). Testing four proposed barcoding markers for the identification of species within *Ligustrum* L.(Oleaceae). *Journal of Systematics and Evolution* **49**(3): 213-224.
- Hebert, P. D., A. Cywinska and S. L. Ball (2003). Biological identifications through DNA barcodes. *Proceedings of the Royal Society of London. Series B: Biological Sciences* **270**(1512): 313-321.
- Hollingsworth, M. L., A. Andra Clark, L. L. Forrest, J. Richardson, R. T. Pennington, D. G. Long, R. Cowan, M. W. Chase, M. Gaudeul and P. M. Hollingsworth (2009). Selecting barcoding loci for plants: evaluation of seven candidate loci with species-level sampling in three divergent groups of land plants. *Molecular Ecology Resources* **9**(2): 439-457.
- Hollingsworth, P. M., L. L. Forrest, J. L. Spouge, M. Hajibabaei, S. Ratnasingham, M. van der Bank, M. W. Chase, R. S. Cowan, D. L. Erickson and A. J.

- Fazekas (2009). A DNA barcode for land plants. *Proceedings of the National Academy of Sciences* **106**(31): 12794-12797.
- Hooker, J. D. (1897). *The Flora of British India*, L. Reeve & Company.
- Jeanson, M. L., J.-N. Labat and D. P. Little (2011). DNA barcoding: a new tool for palm taxonomists? *Annals of Botany* **108**(8): 1445-1451.
- Judziewicz, E. J., R. J. Soreng, G. Davidse, P. M. Peterson, T. S. Filgueiras and F. O. Zuloaga (2000). Catalogue of New World grasses (Poaceae): I. Subfamilies Anomochlooideae, Bambusoideae, Ehrhartoideae, and Pharoideae. *Contributions from the United States National Herbarium*: 1-128.
- Katwal, R., R. Srivastava, S. Kumar, V. Jeeva, T. Luoma-aho, L. Hong, V. Rao and H. Sim (2004). Status of forest genetic resources conservation and management in India. *Forest genetic resources conservation and management. Proceedings of the Asia Pacific Forest Genetic Resources Programme (APFORGEN) Inception Workshop, Kepong, Kuala Lumpur, Malaysia, 15-18 July, 2003.*, International Plant Genetic Resources Institute (IPGRI).
- Kelchner, S. A. (2013). Higher level phylogenetic relationships within the bamboos (Poaceae: Bambusoideae) based on five plastid markers. *Molecular Phylogenetics and Evolution* **67**(2): 404-413.
- Keng, H. (1962). *Comparative morphological studies in the Theaceae*. University of California Publications in Botany **33**: 269-384.
- Kress, W. J., D. L. Erickson, F. A. Jones, N. G. Swenson, R. Perez, O. Sanjur and E. Bermingham (2009). Plant DNA barcodes and a community phylogeny of a tropical forest dynamics plot in Panama. *Proceedings of the National Academy of Sciences* **106**(44): 18621-18626.

- Kress, W. J., K. J. Wurdack, E. A. Zimmer, L. A. Weigt and D. H. Janzen (2005). Use of DNA barcodes to identify flowering plants. *Proceedings of the National Academy of Sciences* **102**(23): 8369-8374.
- Kurz, S. (1877). *Forest Flora of British Burma*, Office of the Superintendent of Government Printing.
- Lahaye, R., M. van der Bank, D. Bogarin, J. Warner, F. Pupulin, G. Gigot, O. Maurin, S. Duthoit, T. G. Barraclough and V. Savolainen (2008). DNA barcoding the floras of biodiversity hotspots. *Proceedings of the National Academy of Sciences* **105**(8): 2923-2928.
- Li, Y., Y. Feng, X. Y. Wang, B. Liu and G. H. Lu (2014). "Failure of DNA barcoding in discriminating *Calligonum* species." *Nordic Journal of Botany* **32**(4): 511–517.
- Linnaeus, C. (1800). *Species plantarum*, Impensis GC Nauk.
- Liu, Q., H. Liu, J. Wen and P. M. Peterson (2014). Infrageneric Phylogeny and Temporal Divergence of *Sorghum* (Andropogoneae, Poaceae) Based on Low-Copy Nuclear and Plastid Sequences. *PLoS One* **9**(8): e104933.
- 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**(5): 607-612.
- Luo, K., S. Chen, K. Chen, J. Song, H. Yao, X. Ma, Y. Zhu, X. Pang, H. Yu and X. Li (2010). Assessment of candidate plant DNA barcodes using the Rutaceae family. *Science China Life Sciences* **53**(6): 701-708.
- Mahadani, P., K. M. Devi, M. M. Das, M. Chakraborty, F. Rahman, J. Hansa and S. K. Ghosh (2012). *BIOINFORMATICS IN DNA BARCODING. A TEXT*



- BOOK ON DNA BARCODING. S. K. Ghosh. Kolkata, BOOK SPACE 105-136.
- Mahadani, P., G. D. Sharma and S. K. Ghosh (2012). Identification of Ethnomedicinal plants (Rauvolfioideae: Apocynaceae) through DNA Barocding from Northeast India. *Pharmacognosy Magazine*(In Press).
- Maia, V. H., C. S. Mata, L. O. Franco, M. A. Cardoso, S. R. Cardoso, A. S. Hemerly and P. C. Ferreira (2012). DNA barcoding Bromeliaceae: achievements and pitfalls. *PLoS One* **7**(1): e29877.
- Moulik, S. (1997). *Grasses and Bamboos of India*, Scientific Publishers, Jodhpur, India.
- 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**(11-12): 1015-1025.
- Munro, C. (1868). I. A Monograph of the Bambusaceæ, including Descriptions of all the Species. *Transactions of the Linnean Society of London* **26**(1): 1-157.
- Nath, A. J. and A. K. Das (2008). Bamboo resources in the homegardens of Assam: A case study from Barak Valley. *Journal of Tropical Agriculture* **46**(1-2): 46-49.
- Nath, A. J., G. Das and A. K. Das (2009). Above ground standing biomass and carbon storage in village bamboos in North East India. *Biomass and Bioenergy* **33**(9): 1188-1196.
- Nayak, S., G. Rout and P. Das (2003). Evaluation of the genetic variability in bamboo using RAPD markers. *Plant Soil and Environment* **49**(1): 24-28.

- Newmaster, S., A. Fazekas and S. Ragupathy (2006). DNA barcoding in land plants: evaluation of *rbcL* in a multigene tiered approach. *Botany* **84**(3): 335-341.
- Ohrnberger, D. and J. Goerrings (1988). The bamboos of the world. The bamboos of the world.
- Paran, I. and R. W. Michelmore (1993). Development of reliable PCR-based markers linked to downy mildew resistance genes in lettuce. *Theoretical and Applied Genetics* **85**(8): 985-993.
- Parveen, I., H. K. Singh, S. Raghuvanshi, U. C. Pradhan and S. B. Babbar (2012). DNA barcoding of endangered Indian *Paphiopedilum* species. *Molecular Ecology Resources* **12**(1): 82-90.
- Pervaiz, Z. H., M. A. Rabbani, Z. K. Shinwari, M. S. Masood and S. A. Malik (2010). Assessment of genetic variability in rice (*Oryza sativa* L.) germplasm from Pakistan using RAPD markers. *Pakistan Journal of Botany* **42**(5): 3369-3376.
- Piperno, D. R. and D. M. Pearsall (1998). The silica bodies of tropical American grasses: morphology, taxonomy, and implications for grass systematics and fossil phytolith identification, Smithsonian Institution Press, Washington, DC.
- Ramanayake, S., V. Meemaduma and T. Weerawardene (2007). Genetic diversity and relationships between nine species of bamboo in Sri Lanka, using random amplified polymorphic DNA. *Plant Systematics and Evolution* **269**(1-2): 55-61.
- Reynolds, M., M. Balota, M. Delgado, I. Amani and R. Fischer (1994). Physiological and morphological traits associated with spring wheat yield under hot, irrigated conditions. *Functional Plant Biology* **21**(6): 717-730.
- Roxburgh, W. (1814). *Hortus bengalensis*, Boerhaave Press.

- Roy, S., A. Tyagi, V. Shukla, A. Kumar, U. M. Singh, L. B. Chaudhary, B. Datt, S. K. Bag, P. K. Singh and N. K. Nair (2010). Universal plant DNA barcode loci may not work in complex groups: a case study with Indian *Berberis* species. *PLoS One* **5**(10): e13674.
- RuiHua, B., D. XingCui and W. ShuDong (2012). Study on genetic diversity of turf bamboo based on ISSR marker. *Agricultural Biotechnology* **1**(1): 37-39.
- Ruiz-Sanchez, E. and V. Sosa (2010). Delimiting species boundaries within the Neotropical bamboo *Otatea* (Poaceae: Bambusoideae) using molecular, morphological and ecological data. *Molecular Phylogenetics and Evolution* **54**(2): 344-356.
- Rumphius, G. (1741). *Herbarium amboinense* **1**: 57.
- Saitou, N. and M. Nei (1987). The neighbor-joining method: a new method for reconstructing phylogenetic trees. *Molecular Biology and Evolution* **4**(4): 406-425.
- Sambrook, J. F. and D. W. Russell (2001). *Molecular Cloning: A Laboratory Manual*. Cold Spring, Cold Spring Harbor Laboratory Press.
- Selvaraj, D., R. K. Sarma and R. Sathishkumar (2008). Phylogenetic analysis of chloroplast *matK* gene from Zingiberaceae for plant DNA barcoding. *Bioinformatics* **3**(1): 24-27.
- Sharma, R. K., P. Gupta, V. Sharma, A. Sood, T. Mohapatra and P. S. Ahuja (2008). Evaluation of rice and sugarcane SSR markers for phylogenetic and genetic diversity analyses in bamboo. *Genome* **51**(2): 91-103.
- Sharma, S. K., J. Dkhar, S. Kumaria, P. Tandon and S. R. Rao (2012). Assessment of phylogenetic inter-relationships in the genus *Cymbidium* (Orchidaceae) based on internal transcribed spacer region of rDNA. *Gene* **495**(1): 10-15.

- Shukla, U. (1996). The grasses of North-Eastern India. Jodhpur, Scientific Publishers.
- Singh, H. K., I. Parveen, S. Raghuvanshi and S. B. Babbar (2012). The loci recommended as universal barcodes for plants on the basis of floristic studies may not work with congeneric species as exemplified by DNA barcoding of *Dendrobium* species. *BMC Research Notes* **5**(1): 42.
- Singha, L., M. Khan and R. Devi (2008). Understanding Bamboo Sector for Income Generation, Employment Opportunity and Sustainable Development of the North-East India. *Indian Forester* **134**(9): 1147-1156.
- Soderstrom, T. R. (1981). Some evolutionary trends in the Bambusoideae (Poaceae). *Annals of the Missouri Botanical Garden*: 15-47.
- Soderstrom, T. R. and C. E. Calderon (1979). A commentary on the bamboos (Poaceae: Bambusoideae). *Biotropica*: 161-172.
- Soderstrom, T. R. and R. P. Ellis (1988). The woody bamboos (Poaceae: Bambuseae) of Sri Lanka: a morphological-anatomical study. *Smithsonian Contributions to Botany*(72).
- Song, X., G. Zhou, H. Jiang, S. Yu, J. Fu, W. Li, W. Wang, Z. Ma and C. Peng (2011). Carbon sequestration by Chinese bamboo forests and their ecological benefits: assessment of potential, problems, and future challenges. *Environmental Reviews* **19**(NA): 418-428.
- Spooner, D. M. (2009). DNA barcoding will frequently fail in complicated groups: An example in wild potatoes. *American Journal of Botany* **96**(6): 1177-1189.
- Stapleton, C. (1997). The morphology of woody bamboos. LINNEAN SOCIETY SYMPOSIUM SERIES, ACADEMIC PRESS LIMITED.

- Studier, J. A. and K. J. Keppler (1988). A note on the neighbor-joining algorithm of Saitou and Nei. *Molecular Biology and Evolution* **5**(6): 729-731.
- Sumathi, S. and P. Balamurugan (2013). Characterization of oats (*Avena sativa* L.) cultivars using machine vision. *Pakistan Journal of Biological Sciences* **16**(20): 1179-1183.
- Sun, X.-Q., Y.-J. Zhu, J.-L. Guo, B. Peng, M.-M. Bai and Y.-Y. Hang (2012). DNA barcoding the *Dioscorea* in China, a vital group in the evolution of monocotyledon: Use of *matK* gene for species discrimination. *PLoS One* **7**(2): e32057.
- Sungkaew, S., C. M. Stapleton, N. Salamin and T. R. Hodkinson (2009). Non-monophyly of the woody bamboos (Bambuseae; Poaceae): a multi-gene region phylogenetic analysis of Bambusoideae ss. *Journal of Plant Research* **122**(1): 95-108.
- Takhtajan, A. L. (1980). Outline of the classification of flowering plants (Magnoliophyta). *The Botanical Review* **46**(3): 225-359.
- Taylor, H. R. and W. E. Harris (2012). An emergent science on the brink of irrelevance: a review of the past 8 years of DNA barcoding. *Molecular Ecology Resources* **12**(3): 377-388.
- Thompson, J. D., T. J. Gibson, F. Plewniak, F. Jeanmougin and D. G. Higgins (1997). The CLUSTAL\_X windows interface: flexible strategies for multiple sequence alignment aided by quality analysis tools. *Nucleic Acids Research* **25**(24): 4876-4882.
- Thompson, J. D., D. G. Higgins and T. J. Gibson (1994). CLUSTAL W: improving the sensitivity of progressive multiple sequence alignment through sequence weighting, position-specific gap penalties and weight matrix choice. *Nucleic Acids Research* **22**(22): 4673-4680.

- Thorne, R. F. (1992). Classification and geography of the flowering plants. *The Botanical Review* **58**(3): 225-327.
- Tripathi, A. M., A. Tyagi, A. Kumar, A. Singh, S. Singh, L. B. Chaudhary and S. Roy (2013). The internal transcribed spacer (*ITS*) region and trnH-psbA are suitable candidate loci for DNA barcoding of tropical tree species of India. *PLoS One* **8**(2): e57934.
- Vallejo-Marin, M., C. Walker, P. Friston-Reilly, L. Solis-Montero and B. Ijic (2014). Recurrent modification of floral morphology in heterantherous *Solanum* reveals a parallel shift in reproductive strategy. *Philosophical Transactions of the Royal Society B: Biological Sciences* **369**(1649): 20130256.
- Vos, P., R. Hogers, M. Bleeker, M. Reijans, T. van de Lee, M. Hornes, A. Frijters, J. Pot, J. Peleman and M. Kuiper (1995). AFLP: a new technique for DNA fingerprinting. *Nucleic Acids Research* **23**(21): 4407-4414.
- Wallinger, C., A. Juen, K. Staudacher, N. Schallhart, E. Mitterutzner, E.-M. Steiner, B. Thalinger and M. Traugott (2012). Rapid plant identification using species- and group-specific primers targeting chloroplast DNA. *PLoS One* **7**(1): e29473.
- Wang, C., Z. Yu, G. Ye, C. Chu, S. Chao, S. Chen, C. Yao and H. Zhao (1980). A taxonomical study of *Phyllostachys*, China II. *Acta Phytotaxonomica Sinica* **18**(2): 168-193.
- Wang, W., Y. Wu, Y. Yan, M. Ermakova, R. Kerstetter and J. Messing (2010). DNA barcoding of the Lemnaceae, a family of aquatic monocots. *BMC Plant Biology* **10**(1): 205.

- Wei, Z., G. Zhang, Q. Du, J. Zhang, B. Li and D. Zhang (2014). Association mapping for morphological and physiological traits in *Populus simonii*. *BMC Genetics* **15 Suppl 1**: S3.
- Wynns, J. T. and C. B. A. Lange (2014). A comparison of 16 DNA regions for use as phylogenetic markers in the pleurocarpous moss genus *Plagiothecium* (Hypnales). *American Journal of Botany* **101**(4): 652-669.
- Xiang, X.-G., J.-B. Zhang, A.-M. Lu and R.-Q. Li (2011). Molecular identification of species in Juglandaceae: A tiered method. *Journal of Systematics and Evolution* **49**(3): 252-260.
- Xue, C. Y. and D. Z. Li (2011). Use of DNA barcode sensu lato to identify traditional Tibetan medicinal plant *Gentianopsis paludosa* (Gentianaceae). *Journal of Systematics and Evolution* **49**(3): 267-270.
- Yan, H.-F., G. Hao, C. M. Hu and X. J. Ge (2011). "DNA barcoding in closely related species: A case study of *Primula* L. sect. *Proliferae* Pax (Primulaceae) in China." *Journal of Systematics and Evolution* **49**(3): 225-236.
- Yang, H.-Q., M.-Y. An, Z.-J. 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**(4): 4446-4457.
- Yang, H.-Q., J.-B. Yang, Z.-H. Peng, J. Gao, Y.-M. Yang, S. Peng and D.-Z. Li (2008). A molecular phylogenetic and fruit evolutionary analysis of the major groups of the paleotropical woody bamboos (Gramineae: Bambusoideae) based on nuclear *ITS*, *GBSSI* gene and plastid *trn* *LF* DNA sequences. *Molecular Phylogenetics and Evolution* **48**(3): 809-824.

- Yeasmin, L., M. N. Ali, S. Gantait and S. Chakraborty (2014). Bamboo: an overview on its genetic diversity and characterization. *3 Biotech*: 1-11.
- Zeng, X., Z. Yuan, X. Tong, Q. Li, W. Gao, M. Qin and Z. Liu (2012). Phylogenetic study of Oryzoideae species and related taxa of the Poaceae based on *atpB-rbcL* and *ndhF* DNA sequences. *Molecular Biology Reports* **39**(5): 5737-5744.
- Zhang, W. and L. Clark (2000). Phylogeny and classification of the Bambusoideae (Poaceae). *Grasses: Systematics and Evolution*: 35-42.
- Zhang, Y.-X., C.-X. Zeng and D.-Z. Li (2012). Complex evolution in Arundinarieae (Poaceae: Bambusoideae): Incongruence between plastid and nuclear GBSSI gene phylogenies. *Molecular Phylogenetics and Evolution* **63**(3): 777-797.
- Zhou, M.-B., H. Zhong and D.-Q. Tang (2011). Isolation and characterization of seventy-nine full-length mariner-like transposase genes in the Bambusoideae subfamily. *Journal of Plant Research* **124**(5): 607-617.