

BIBLIOGRAPHY

- Abd. Latif, M. and Mohd. Zin, J., 1992. Trends of variation in some physical properties of *Gigantochloa scorchedinii*. *INBAR information centre, India Bulletin*, 2(2): 7 - 12.
- Abd. Latif, M., 1995. Some selected properties of two Malaysia bamboo species in relation to age height, site and seasonal variation. Ph.D. thesis, University Putra Malaysia, p 282.
- Abd. Latif, M. and Abd. Razak, O., 1991. Availability, distribution of bamboo and its industrial status in peninsular Malaysia. Proceedings 4th international bamboo workshop. Bamboo in Asia and the pacific. Chiangmai, Thailand. p 60 - 67.
- Abd. Latif, M., Amin, A. H., Kasim, J., Jusuh, M. Z., 1993. Effects of anatomical characteristics on the physical and mechanical properties of *Bambusa blumeana*. *Journal Tropical Forest Science*, 6(2): 159 - 170.
- Abd. Latif, M., 1987. Guideline on the manufacturing of blinds and satay-sticks. *Forest Research Institute Malaysia*, Technical information number 2, p 8.
- Abd. Latif, M., Wan Tarmeze, W. A., Fauzidah, A., 1990. Anatomical features and mechanical properties of three Malaysian bamboos. *Journal of Tropical Forest Science* 2(3): 227 - 234.
- Abd. Latif, M., Ashaari, A., Jamaludin, K., Zin, Mohd. J., 1993. Effects of anatomical characteristics on the physical and mechanical properties of *Bambusa blumeana*, *Journal of Tropical Forest Science*, 4(4): 310 - 316.
- Abd. Latif, M. and Tamizi, M., 1993. Variation in anatomical properties of three Malaysian bamboos from natural stands. *Journal of Tropical Forest Science*, 5(1): 90 - 96.

Adewuyi, A., Otukoya, A., Olaniyi, O., Olafusi, O., 2015. Comparative studied of steel, bamboo and rattan as reinforcing bars in concrete, tensile and flexural characteristics. *Open Journal of Civil Engineering*, 5: 228 - 238.

Ahmad, M., 2003. Analysis of Calcutta Bamboo for Structural composite materials: Surface characteristic. *Wood Science and Technology*, 37(3): 233 - 240.

Amada, S., Ichikawa, Y., Munekata, T., Nagase, Y., Shimizu, K., 1997. Fibre texture and mechanical graded structure of bamboo. *Composite part B*, 28 (B): 13 - 20

Amada, S., Munekata, T., Nagase, Y., Ichikawa, Y., Kirigai, A., Zhifei, Y., 1996. The mechanical structure of bamboo in viewpoint of functionally gradient and composite materials. *Journal of Composite Materials*, 30(7): 800 - 819.

Aminuddin, M. and Abd. Latif, M., 1991. Bamboo in Malaysia, past, present and future research. Proceeding 4th International bamboo workshop. *Bamboo in Asia and the pacific*. Chiangmai, Thailand, p 349 - 354.

Anonymous, 1972. The use of bamboo and reeds in building construction. *Department of Economic and Social Affair*, United Nations, New York, p 33, 35, 51 - 57.

Anwar, U. M. K., Zaidon, A., Hamdam, H., Mohd. Tamizi, M., 2005. Physical and mechanical properties of *Gigantochloa scorchedinii* bamboo splits and strips. *Journal of Tropical Forest Science*, 17(1): 1 - 12.

Appiah kubi, E., Owusu, F. W., Tekpetey, S. L., Essien, C., Seidu, H., 2014. Investigating the mechanical properties of some bamboo species for efficient utilisation in Ghana. *Journal of Bamboo and Rattan*, 13(3, 4): 81 - 89.

Ashori, A., 2006. Pulp and paper from kenaf bast fibers. *Journal of Fibers and Polymers*, 7(1): 26 - 29.

Athijayamani, A., Thiruchitrambalam, M., Manikandan, V., Pazhanivel, V., 2010. Mechanical properties of natural fibres reinforced polymer hybrid composite. *International Journal of Plastic Technology*, 14: 104 - 116.

Austin, R., Levy, D., Ueda, K., 1970. Bamboo. New York. John Weather hill Inc., p 162.

Azooz, M. M., Ahmad, P., 2016. Plant environment interaction: Responses and approaches to mitigate stress. *Wiley Blackwell, Hoboken, USA*, p 283.

Bagby, M. O., Nelson, G. H., Helman, E. G., Clark, T. F., 1971. Determination of lignin in non wood plant fiber sources. *Tappi*, 54: 1876 - 1878.

Bahadur, K. N. and Jain, S. S., 1981. Rare bamboos in India, *Indian Journal of Forestry*, 4 (4): 280 - 286.

Bal, M. L., Singhal P., Satya, S., Naik, S.N., Kar, A., 2012. Bamboo shoot preservation for enhancing its business potential and local economy. *Critical Reviews in Food Science and Nutrition*, 52(9): 804 - 814.

Banik, R. L., 2010a. Biology and silviculture of muli (*Melocanna baccifera*) bamboo. NMBA, TIFAC, Department of Science and Technology, p 237.

Banik, R. L., 1988. Management of wild bamboo seedlings for natural regeneration and reforestation.In: *Bamboo current research*. Proceeding of the International bamboo workshop, Nov.14 to 18, 1988 Cochin, KFRI India, p 92 - 95.

Banik, R. L., 1997. Domestication and improvement of bamboos. International network of Bamboo and Rattan's working paper number 10, p 53.

Barooah , C. and Borthakur S. K., 2003. Diversity and distribution of bamboos in Assam. M/s Bishen Singh Mahendra Pal Singh, Dehra Dun, p 223.

Bawagan, P. V., 1968. Studies on bamboo (*B. vulgaris*) cellulose and its isolation by analytical and industrial methods. *Philippine Lumberman*, 14: 18 - 34.

Beniwal, B. S. and Haridasan, K., 1988. Study of bamboos through establishment of bambusetum in Arunachal Pradesh. *Indian Forester*, 114(10): 650 - 655.

Ben Zhi, Z., Mao Yi, F., Jin zhong, X., Xiao Sheng, Y., Zheng Cai, L., 2005. Ecological functions of bamboo forest, Research and application. *Journal of Forestry Research*, 16(2): 143 - 147.

Biswas, S., 1988. Studies on bamboo distribution in North-Eastern region of India. *Indian Forester*, 114 (9): 514 - 531.

Bhone, D., Nagarnaik, P. B., Parbat, D. K., Waghe, U. P., 2014. Physical and mechanical properties of bamboo, *Dendrocalmus strictus*. *International Journal of Scientific and Engineering Research*, 5(1): 455 - 459.

Brahma, B. K., Basumatary, A., Basumatary, Narzary, D., Mwsharary, N., Jamatia, S., Basumatary, P., Goyal, A. K., 2014. Inventorying bamboo diversity of Kokrajhar district, BTAD, Assam, India with emphasis on its uses by the Bodos and allied tribes. *International Journal of Fundamental & Applied Science*, 3(3): 30 - 34.

Burguenoa, R., Quagliataa, Mohanty, A. K., Mehtac, G., Drzal, L.T., Misra, M., 2005. Hybrid biofibre-based composites for structural cellular plates. *Composites, Part A*, 36: 581 - 593.

Cabangon, R. J., Eusebio, D. A., Soriano, F. P., Evans, P. D., 2009. Production of manually-oriented strand-cement board from bamboo. In the *eight (8) World Bamboo Conference*, Bangkok, Thailand, 8: 100 - 112.

Celso, B. L., Armando, M. P., Carmen, G. S., 1985. Bamboo Research in Philippines, *Recent Research on bamboo*, p 50 - 60.

Chaowana, P., Robkorb, K., Sriwilai, S., Barbu, M. C., 2012. Glutability variation of *Dendrocalamus asper* for bamboo composites. In the 9th *World Bamboo Congress Proceeding*, Antwerp, Belgium, p 307 - 315.

Chaowana, P., 2013. Bamboo: An alternative raw material for wood and wood-based composites. *Journal of Material Science Research*, 2(2): 90 - 102.

Chatterji, R. N. and Raizada, M.B., 1963. Culm sheaths as an aid to identification of bamboos, *Indian Forester*, 89: 744 - 756.

Chapman, G. P. and Peat, W. E., 1992. An introduction to the grasses including bamboos and cereals. *Centre for Agriculture and Bioscience International*, Wallingford, p 110.

Chen, Y. D., Qin, W., Li, X., Cong, J., Nimanna, 1985. The chemical composition of ten bamboo species. In: *Recent Research on Bamboo*, Proceeding of international workshop, Hangzhou, China, 6-14 October. Chinese academy of forestry, Beijing China, International development research center, Ottawa, Canada, p 110 - 113.

Chew, L.T., Rahim, S. Jamaluddin, K., 1992. *Bambusa vulgaris* for urea and cement bonded particle boards, *Journal of Tropical Forest Science*, 4(3): 249 - 256.

Chung, K. F. and Yu, W. K., 2002. Mechanical properties of structural bamboo for bamboo scaffoldings. *Engineering Structures*, 24: 429 - 442.

Clark, L. G. and Pohl, R.W., 1996. Agnes Chase's first book of grasses, The structure of grasses explained for beginners. *Smithsonian Institution Press*, Washington, p 127.

Clyton, W. D. and Reivoize, S. A., 1986. Genera Graminum, Grasses of the world. *Kew bulletin*, 13, Her Majesty's stationery office, London, p 34 - 69.

Complete Bamboo, Bamboo information resource, 2008 - 2012. *Completebamboo.com*.

Dickson, M., 2002. Engineering buildings for a small planet, towards construction without depletion. *The Structural Engineer*, 80(3): 35 - 43.

Dransfield, S., 1992. The bamboos of Sabah. *Herbarium, Royal Botanic Garden, Kew, in association with Forest research centre, herbarium*. Forestry Department, Sabah, Malaysia, p 94.

Durgesh, D. and Wasnik, P. M., 2014. Antibacterial activity of *Basmbusa bambose* L. against multiple drug resistant bacteria isolated from clinical specimen. *International Journal of Pharmaceutical Sciences Review and Research*, 25(1): 215 - 218.

Dweib, M. A, Hu, B., Donnell, A. O., Shenton, H. W., Wool, R. P., 2004. All natural composite sandwich beams for structural applications, *Composite Structures*, 63: 147 - 157.

Ebanyenle, E., Oteng Amoako, A. A., 2007. Site differences in morphological and physical properties of *Bambusa vulgaris* grown in Ghana. *Discovery and Innovation*, 19(3): 222 - 225.

Escolano, J. O., Nicolas, P. M., Tadena, F. G., 1964. Pulping bleaching and papermaking experiment of *Bambusa blumeana*. *Philippine Lumberman*, 10: 33 - 36.

Escolano, J. O. and Semana, J. A., 1970. Bag and wrapping papers from *Bambusa vulgaris*. *Philippine Lumberman*, 16: 36 - 38.

Espiloy Z. B., 1987. Physico-mechanical properties and anatomical structure relationships of some Philippine bamboos. *Recent Research on Bamboo*, proceedings of the International Bamboo workshop, p 257 - 264.

Espinosa, J. C., 1930. Bending and compressive strengths of the common Philippine bamboo. *Philippine Journal of Science*, 41: 121 - 135.

Espiloy, Z. B., 1985. Physico-mechanical properties and anatomical relationships in Philippines bamboo. *Proceedings of the 3rd international bamboo workshop on recent research on bamboo*, 1985CAF/IDRC, p 6 - 14.

Fengel, D. and Wegener, G., 1984. Wood: Chemistry, ultrastructure, reactions. *Walter de Gruyter publishers*, Berlin, p 613.

Francisco, J. C. and Arbelaez, J., 2010. Influence of age and height position on Colombian *Guadua angustifolia* bamboo mechanical properties. *Maderas. Ciencia y Tecnología*, 12 (2): 105 - 113.

Ghavami, K., Rodrigued, C. S., Paciornic, S., 2003. Bamboo: Functionally graded composite material. *Asian Journal of Civil Engineering*, 4(1): 1 - 10.

Ghavami, K., 2005. Bamboo as reinforcement in structural concrete elements. *Cement and Concrete Composites*, 27: 637 - 649.

Gonzales, J. and Escolano, J. O., 1965. The fibre fractions of *Gigantochloa aspera* sulphate pulp and their strength properties. *Philippine Lumberman*, 11: 14 - 20.

Grewal, L. K., 2009. Bamboo as a structural material. Bachelor thesis, University of Southampton, p 50.

Grosser, D. and Liese, W., 1974. Distribution of vascular bundles and cell types in the culm of various bamboo species. *HOLZ als Roh-und Werkstoff*, 32: 473-482.

Grosser, D. and Liese, W., 1971. The anatomy of Asian bamboos, with special reference to their vascular bundles. *Wood Science and Technology*, 5: 290 - 312.

Hammett, A. L., Youngs, R. L., Sun, X. F., Chandra, M., 2001. Non wood fibre as an alternative to wood fibre in China's pulp and paper industry. *Holzforschung*, 55(2): 219 - 224.

Han, G., Lei, Y., Wu, Q., Kojima, Y., Suzuki, S., 2008. Bamboo fibre filled high polyethylene composites, effect of coupling treatment and nanoclay. *Journal of Polymer and the Environment*, 16: 123 - 130.

Heck, G. E., 1956. Properties of some bamboos cultivated in the western hemisphere, *United State Department of Agriculture report D1765.Forest Product Laboratory*, Madison 5, Wisconsin, USA. In Bamboo pipes for pressurized water system, A feasibility study, p 174.

Hidalgo, O., 1996. Study of mechanical properties of bamboo and its uses as concrete reinforcement, problem and solution. *Proceeding of International Bamboo Congress*, Bali, Indonesia, 3: 76 - 91.

Hisham, H N., Othman, S., Rokiah, H., Latif, M A., Ani, S., Tamizi, M M., 2006. Characterization of bamboo *Gigantochloa scorchedinii* at different ages. *Journal of Tropical Forest Science*, 18(4): 236 - 242.

Hossain, M. F., Islam, M. A., Numan, S. M., 2015. Multipurpose uses of bamboo plants. *International Research Journal of Biological Sciences*, 4(12): 57 - 60.

Horn, R. A. and Setterrholm, V. C., 1990. Fiber morphology and new crop. In: Janick, J., Simon, JE. (eds.) *Advances in New Crop*, Portland, Origen, Timber Press, p 270 - 275.

Hsiung, W., 1991. Prospects for bamboo development in the world. *Journal of the American Bamboo Society*, 8(1, 2): 168 - 178.

Hu, C., Zhang Y., Kitts, D. D., 2000. Evaluation of antioxidant and pro-oxidant activities of bamboo *Phyllostachys nigra* var, *henonis* leaf extract *in vitro*. *Journal of Agricultural and Food Chemistry*, 48: 3170 - 3176.

Huang, X. Y., Qi, J., Xie, J. L., Hao, J. F., Qin, B. D., Chen, S., 2015. Variation in anatomical characteristics of bamboo, *Bambusa rigida*. *Sains Malaysiana*, 44(1): 17 - 23.

Ireana, Y., 2010. Cell wall architecture, properties and characteristics of bamboo kenaf and rice straw fibers. M.Sc. Thesis, Universiti Sains Malaysia, p 44.

Jaimik, R. D., Pathak, N. L., Patel, R. G., Jivani, N. P., Bhatt, N. M., 2011. Phyto-pharmacological properties of *Bambusa arundinacea* as a potential medicinal tree. *Journal of Applied Pharmaceutical Science*, 1(10): 27 - 31.

Jain, S. K., Rao, R. R., 1977. A handbook of field and herbarium methods. *Today & Tomorrow's printers and publishers*, New Delhi, p 157.

Jain, S., Jindal, U. C., Kumar, R., 1993. Development and fracture mechanism of the bamboo polyester resin composite. *Journal of Material Science Letters*, 12(8): 558 - 560.

Janssen, J. J. A., 1995. Building with bamboo. *Intermediate Technology Publication Limited*, London, p 65.

Janssen, J. J. A., 1981. The relationship between the mechanical properties and the biological and chemical composition of bamboo. In: Higuchi, T. (ed.). *Bamboo Production and Utilization*, Proceedings of the XVII, IUFRO World congress Kyoto, Japan, p 27 - 32.

Janssen, J. J. A., 2000. Designing and building with bamboo. *International Network for Bamboo and Rattan Technical Report* INBAR, Beijing, China, p 211.

Janssen, J. J. A., 1991. Mechanical properties of bamboo. Kluwer Academic Publishers, *Forestry Sciences*, p 37.

Jayanetti, L., 2001. Bamboo housing, TRADAs work in India. Proceedings of *International Seminar on Bamboo Cultivation*, processing and utilisation, Yibin city, Schuan, China, 20th to 22nd October 2001, International network for bamboo and rattan, Provincial Forestry administration of Sichuan and Yiobin municipal peoples' Government, p 125 - 137.

Judziewicz, E. J., Clark. L. G., Londono, X., Stern, M. J., 1999. American bamboos. Washington D. C., Smithsonian Institution Press, p 392.

Jung, H. J., Nam, J. H., Choi, J., Lee, K. T., Park, H. J., 2005. Anti-inflammatory effects of chiisanoside and chiisanogenin obtained from the leaves of *Acanthopanax chiisanensis* in the carrageenan and Freund,s complete adjuvant induced rats. *Journal of Ethno Pharmacology*, 97: 359 - 367.

Kamruzzaman, M., Saha, S. K., Bose, A. K., Islam, M. N., 2008. Effects of age and height on physical and mechanical properties of bamboo. *Journal of Tropical Forest Science*, 20(3): 211 - 217.

Kaushik, H. B., Dasgupta, K., Sahoo, D. R., Kharel, G., 2006a. Reconnaissance report, Sikkim earthquake of 14th February 2006. *National Information Centre of Earthquake Engineering*, Indian institute of technology, Kanpur, p 20.

Kaushik, H. B., Dasgupta, K., Sahoo, D. R., Kharel, G., 2006b. Performance of structures during the Sikkim earthquake of 14th February 2006. *Current Science*, 91(4): 449 - 455.

Kawase, K., 1981. Distribution and utility value of Sasa bamboo. In: Higuchi, T. (ed.). *Bamboo production and utilization*. Proceedings of the congress group 5.3A, Production and Utilization of bamboo and related species, XVII, IUFRO World Congress Kyoto, Japan, p 92 - 97.

Kokutse, A. D., Gnama, W., Kokou, K., 2013. Anatomical, physical and mechanical properties variability of bamboos in Togo. *Rev. CAMES*, 1(1): 28 - 38.

Krishnaprasad, R., Veena, N. R., Maria, H. J., Rajan, R., Skrifvars, M., Joseph, K., 2009. Mechanical and thermal properties of bamboo microfibril reinforced polyhydroxybutyrate biocomposites. *Journal of Polymer and the Environment*, 17: 109 - 114.

Kumar, R. S., Binu, N. K., Nity, N., Buxy, S., Sinha, G. N., 2014. A review of bamboo based agroforestry models developed in different parts of India, productivity and marketing aspects. *Bamboo Productivity in Forest and Non-Forest, Conference Paper*, p 45 - 52.

Lakkad, S. C. and Patel, J. M., 1981. Mechanical properties of bamboo, a natural composite. *Fiber Science and Technology*, 14(3): 319 - 322.

Laroque, P., 2007. Design of a low cost bamboo footbridge, Master's thesis, Massachusetts Institute of Technology, p 87.

Lee, A. W. C., Bai, X., Peralta, P. N., 1994. Selected physical and mechanical properties of giant timber bamboo grown in South Carolina. *Forest Products Journal*, 44(9): 40 - 45.

Lei, J., 2001. A development strategy for bamboo resource and industry in China, Sustainable development of the bamboo and rattan sectors in tropical China. Beijing. *China Forestry Publishing House*, p 1 - 18.

Li, D. Z., Wang, Z. P., Zhu, Z. D., Xia, N. H., Jia, L. Z., Guo, Z. H., Yang, G. Y., Stapleton, C. M. A., 2006. Bambuseae. In flora of China, 22. *Poaceae*, Science Press. Beijing, p 7 - 180.

Li, X. B., 2004. Physical chemical and mechanical properties of bamboo and its utilisation potential for fibreboard manufacturing. MSc thesis, Louisiana state university, Baton Rouge, p 68.

Li, X. B., Shape, T. F., Peter, G. F., Hse, C. Y., Eberhardt, T. L., 2007. Chemical changes with maturation of the bamboo species *Phyllostachys pubescens*. *Journal of Tropical Forest Science*, 19(1): 6 - 12.

Liese, W., 1987. Anatomy and properties of bamboo. International Bamboo workshop Hangzhou, Oct.1985. In: *Recent Research on Bamboo*, Ed.: Chinese Academy of Forestry, Peking, and IDRC, Canada, p 196 - 208.

Liese , W. and Kohl, M., 2015. Bamboo, The plant and its uses. *Springer International Publishing*, Cham, Switzerland, p 356.

Liese, W. and Weiner, G., 1996. Ageing of bamboo culms. A review, *Wood Science and Technology*, 30 (2): 77 - 87.

Liese, W., 1992. The structure of bamboo in relation to its properties and utilization. Proceedings of the *International Symposium on Industrial Use of Bamboo*, Beijing, China, p 96 - 100.

Liese, W. 1985. Anatomy and properties of bamboo. Recent research on bamboos. Proceedings of the *International Bamboo Workshop*. October 6-14, 1985. Haangzhou. China, p 196 - 208.

Liese, W., 1980. Preservation of bamboos. *Bamboo Research in Asia*. International Development Research Centre, Canada, p 165 - 172.

Liese, W. and Weiner, G., 1997. Modification of bamboo culm structures due to ageing and wounding. *The Bamboos*. The Linnean Society, London, p 313 - 322.

Liese, W., 1998. The anatomy of bamboo culms, Technical report 18. International network for bamboo and rattan, Beijing, p 208.

Liese, W. and Grosser, D., 1972. Untersuchungen zur variabilitat der faserlange beibambus (Variation of fibre length and fibre width within one internodes in bamboo species). *Holzforschung*, 26(6): 202 - 211.

Lobovikov, M., Paudel, S., Piazza, M., Ren, H., Wu, J., 2007. Non wood forest product, World bamboo resources. A Thematic Study Prepared in the Framework of the Global Forest Resources Assessment, Food and Agriculture Organisation of the United Nation (FAO), Rome, Italy, p 80.

Lu, B.Y., Wu, X., Tie, X., Zhang, Y., and Zhang, Y., 2005. Toxicology and safety of antioxidant of bamboo leaves, Part I, acute and sub chronic toxicity studies on antioxidant of bamboo leaves. *Food and Chemical Toxicology*, 43(5): 783 - 792.

Malavika, V., 2009. Bamboo: Poor man's gold, A case study for developing the bamboo sector in India. *Center for Civil Society Working Paper*, 17: 33 - 79.

Mathew, G. and Nair, K. S. S., 1090. Storage pest of bamboos in Kerala., Bamboo, Current research. Proceeding International Bamboo workshop, Kerala Forest Research Institute and International Development Research Centre, p 212 - 214.

Maya, C. and Narasimhamurthy, 2015. A study on chemical and anatomical properties of cultivated bamboo *Thyrsostachys siamensis* Gamble. *Journal of Global Biosciences*, 4(1): 1313 - 1319.

Maya, C., Narasimhamurthy, Pandey, C. N., 2013. A study on anatomical and physical properties of cultivated bamboo (*Oxytenanthera monostigama*). *International Journal of Current Science*, 5: 62 - 66.

McClure, F. A. 1966. Bamboos. A fresh perspective. *Harvard University press*. Cambridge, Massachusetts, p 347.

Monsalud, M. R., Bawagan, P. V., Escolano, J. O., 1965. Properties of wrapping papers from Philippine fibrous raw materials as related to pulp blending. *Philippine Lumberman*, 11(13): 10, 12, 14, 16, 54, 55.

Murty, C.V.R. and Sheith, A., 2012. Sikkim-Nepal border earthquake of September 18, 2011. EERI, Special Earthquake Report, February 2012. p 14.

Narasimhamurthy, M. C., Anand, N., Pandey, C. N., 2013. A study on physic mechanical properties of *Thyrsostachys siamensis* Kurz. Gamble and *Dendrocalamus membrances* Munro. in Tumkur district, Karanataka, India. *International Journal of Current Microbiology and Applied Science*, 2(2): 62 - 66.

Naik, N. K., 2004. Mechanical and physic-chemical properties of bamboo. *Technical report on bamboo* project undertaken by Aerospace engineering department, Indian Institute of Technology, Bombay, p 28.

Nicolas, P. M., and Navarro, J. R., 1964. Standard cold-soda pulping evaluation of Philippine woods and bamboo. *Technical Association of the Pulp and Paper Industry*, 47: 98 - 105.

Nieschlag, H. J., Nelson, G. H., Wolff, J. A., Purdure, R. E., 1960. A search for new fibre crop. *Tropical Journal*, 43(3): 193 - 201.

NMBA (National Mission on Bamboo Application), National Bamboo Mission, Assam, 2014. www.nbm.nic.in.

Nordahlia, A. S., Anwar, U. M. K., Hamdan, H., Abd. Latif, M., Mahanim, S. M. A., 2011. Anatomical, physical and strength properties of *Shizostachyum brachycladum* (Buluh lemang). *Journal of Bamboo and Rattan*, 10(3, 4): 111 - 122.

Norul Hisham , H., Othman, S., Rokiah, H., Abd. Latif, M., Ani, S., Mohd. Tamizi, M., 2006. Characterisation of bamboo *Gigantochloa scorchedinii* different ages. *Journal of Tropical Forest Science*, 18(4): 236 - 242.

Ohrnberger, D., 1999. The bamboos of the world, *Elsevier*, Amsterdam, p 596.

Rafidah, S., Zaidon, A., Hashim, W. S., Razak W., Hanim, A., 2010. Effect of heat oil treatment on physical properties of Semantan bamboo (*Gigantochloa scorchedinii* Gamble). *Journal of Modern Applied Science*, Assian Network for Scientific Information, 4 (2): 107 - 113.

Rassiah, K., Ahmad, Megat, H. M. M., 2013. A review on mechanical properties of bamboo fibre reinforced polymer composite. *Australian Journal of Basic and Applied Sciences*, 7 (8): 247 - 253.

Razak, W., Mohd. Tamizi, M., Mohd. Hazim, M. A., Mohd. Sukhairi, M. R., 2013. Anatomy and strength properties between tropical bamboo *Gigantochloa levis* and *G. scorchedinii*. *2nd International conference on kenaf and allied fibres*, p 16.

Razak, W., Mohd . Tamizi, M., Mohammed Abd. S., Mahmud, S., Hashim, W. S., Mohd. Mat, S. R., 2013. Chemical composition of four cultivated tropical bamboo in genus *Gigantochloa*. *Journal of Agricultural Science*, 5(8): 66 - 75.

Razak, W., Tamizi, M., Othman, S., Aminuddin, M., Affendy, H., Izyan, K., 2010. Anatomical and physical properties of cultivated two and four year old *Bambusa vulgaris*. *Sains Malaysiana*, 39(4): 571 - 579.

Razak, W., Mohd. Tamizi, M., Rahman, S., Mohd. Abdus, S., Othman, S., Sudin, M., Mohd. Sukhairi, M. R., 2012. Relationship between physical, anatomical and strength properties of 3- year- old cultivated tropical bamboo *Gigantochloa scorchedinii*. ARPN *Journal of Agricultural and Biological Science*, 7 (10): 782 - 791.

Razak, O., Abd. Latif, M., Liese, W., Naron, N., 1995. Planting and utilization of bamboo in Peninsular Malaysia No. 118, *Forest Research Institute Malaysia (FRIM)*, Kuala Lumpur, Malaysia, p 117.

Rehman, M. A. and Ishaq, S. M., 1947. Seasoning and shrinkage of bamboo. *Indian Forest Records*, 4: 1 - 22.

Rowell, R.M., Sanadi, A.R., Caulfield, D.F., Jacobson, R. E., 1997. Utilisation of natural fibre in plastic composites, problem and opportunities. Available at <http://www.fpl.fs.fed.us/documents/pdf/1997/rowel97.pdf>.

Rydholm, S. A., 1965. Pulping processes. *Interscience publications*, New York, p 972.

Santhoshkumar, R. and Bhat, K. V., 2014. Variation in density and its relation to anatomical properties in bamboo culms, *Bambusa bambos* (L.) Voss. *Journal of Plant Sciences*, 2(3): 108 - 112.

Sarkar, A. K., 1983. Bamboo, The grass tree. *Journal of Economic and Taxonomic Botany*, 4(2): 347 - 356.

Scurlock, J. M. O., Dayton, D. C., Hames, B., 2000. Bamboo, an overlooked biomass resource. *Biomass and Bioenergy*, 19: 229 - 244.

Semana, J. A., 1965. A study of the variables in the sulphate pulping of *Gigantochloa aspera*. *Indian Pulp and Paper*, 20: 1 - 9.

Semana, J. A., Escolano, J. O., Monsalud, M. R., 1967. The kraft pulping qualities of some Philippine bamboos. *Technical Association of the Pulp and Paper Industry*, 50: 416 - 419.

Sethi, N., Nath, D., Singh R. K., 1992. Teratological evaluation of some commonly used indigenous antifertility plants in rats. *International Journal of Crude Drug Research*, 27 (2): 118 - 120.

Sharma, B. M., 1987. Ecological studies of the forest of Manipur. *Frontier Botanist*, 1: 53 - 68.

Sharma, A. K., Dutt, D., Upadhyaya, Roy, T. K., 2011. Anatomical, morphological, and chemical characterization of *Bamboosa tulda*, *Dendrocalamus hamiltoni*, *Bambusa balcooa*, *Malocana baccifera*, *Bambusa arundinacea* and *Eucalyptus tereticornis*. *BioResources*, 6(4): 2062 - 5073.

Shupe, T. F., Piao, C., Hse, C.Y., 2002. Value-added manufacturing potential for Honduran bamboo. *Final report to Honduran Counterparts*, p 1 - 21.

Sjostrom, E., 1981. Wood Chemistry. Academic Press, London, p 223.

Soenardi, P., 1988. Comparative strengths of green and air dried bamboo. Proceeding of the international bamboo workshop, Bamboo Current Research, p 394.

Soeprayitno, T., Tobing, T. L., Widjaja, E. A., 1990. Why the Sudanese of West Java prefer slop inhabiting *Gigantochloa pseudoarundinaceae* to those growing in the valley. Proceeding International bamboo workshop, 1988 November, Cochin, India, p 215 - 217.

Sreenivasulu, S. and Reddy, A. C., 2014. Mechanical properties evalution of bamboo fibre reinforced composite materials. *International Journal of Engineering Research*, 3(1): 187 - 194.

Stapleton, C. M. A., 1997. Morphology of woody bamboos. *The Bamboos*, Chapman, G. P. (ed.), p 251 - 267.

Suzuki, Y., 1984. Distribution of specific gravity and bending strength along the culm. *Bulletin Tokyo University Forestry* 36, p 188.

Takeshi, Y., Kagemori, N., Imamura, Y., Kawai, S., Futatsugawa, S., Sera, K., 2001. Determination of trace elements in the ash of wood and bamboo charcoal by PIXE analysis. <https://www.jrias.or.jp2001,p 136>.

Tekpetey, S. L., Frimpong M. K., Darkwa, N. A., 2007. Thermogravimetric behaviour and physical properties of *Bambusa vulgaris* in Ghana. *Journal of Bamboo and Rattan*, 6 (3, 4): 199 - 203.

Tewari, D. N., 1992. A monograph on bamboo. *International book distributors*, Dehra Dun, India, p 498.

Thomas, R. J., 1977. Wood: structure and chemical composition in wood technology chemical aspects. *Symposium of American Chemical Society* 43, p 21.

Tomalang, F. N., Lopez, A. R., Semara J. A., Casin, R. F., Espiloy, Z. B., 1980. Properties and utilization of Philippine erect bamboo. *Bamboo Research in Asia* ed. G. Lessard, A. Chouinard, IDRC, p 189 - 200.

Tyagi, G. K., Bhattacharaya, S., Kherdekar, G., 2011. Comfort behaviour of woven bamboo-cotton ring MJS Yarn fabrics. *Indian Journal of Fibre & Textile Research*, 36: 47 - 52.

Ueda, K., 1960. Studies on the physiology of bamboo with a special reference to practical application. *Bulletin, Kyoto University Forest* 30, Kyoto, Japan, p 167.

Vermah, J. C. and Bahadur, K. N., 1980. Country report and status of research on bamboos of India. *Indian Forest Record*, N. S. Botany, Delhi, Controller of publication, p 28.

Ververis, C., Georghiou, K., Cheistodoulakis, N., Santas, P., Santas, R., 2004. Fibre dimension, lignin and cellulose content of various plant materials and their suitability for paper production. *Industrial Crops and Products*, 19(3): 245 - 254.

Waheed Khan, M. A., 1962. Determination of culm age in bamboo. *Indian Forester*, 88(8): 533 - 542.

Waite, M., 2009. Sustainable textiles. The role of bamboo and a comparison of bamboo textile properties. *Journal of Textile and Apparel Technology and Management*, 6(2): 1 - 21.

Wakchaure, M. R., Kute, S. Y., 2012. Effect of moisture content on physical and mechanical properties of bamboo. *Asian Journal of Civil Engineering*, 13(6): 753 - 763.

Wang, D. and Shen, S. J., 1987. Bamboos of China. *Timber press*, Portland, Oregon, p 167.

Wang, S. G., Pu, X. L., Ding, Y. L., Wan, X. C., Lin, S. Y., 2011. Anatomical and chemical properties of *Fargesia yunnanensis*. *Journal Tropical Forest Science*, 23 (1): 73 - 81.

Wang, Y., Wang, G., Cheng, H., 2009. Structure of bamboo fibre for Textile. *Textile Research Journal*, 80 (4): 334 - 343.

Wang, Y., Zhan, H., Ding, Y., Wang, S., Lin, S., 2016. Variability of anatomical and chemical properties with age and height in *Dendrocalamus brandisii*. *BioResources*, 11(1): 1202 - 1213.

Wang, S. G., Pu, X. L., Ding, Y. L., Wan, X. C., Lin, S. Y., 2011. Anatomical and chemical properties of *Fargesia yunnanensis*. *Journal of Tropical Forest Science*, 23(1): 73 - 81.

Wang, G., Innes, J. L., Dai, S., He, G., 2008. Achieving sustainable rural development in southern China: The contribution of bamboo forestry. *International Journal of Sustainable Development and World Ecology*, 15: 484 - 495.

Widjaja, E. A., Risyad, Z., 1987. Anatomical properties of some bamboos utilized in Indonesia, *Recent Research in Bamboo*. Chinese academy of forestry, China and International development research centre, Canada, p 244 - 246.

Wong, K. M., 1995. The bamboos of peninsular Malaysia. *Forest Research Institute Malaysia* in collaboration with Forest research centre, Forestry department, Sabah, Malaysia, p 200.

Yu, H. Q., Jiang, Z. H., Hse, C. Y., Shupe, T. F., 2008. Selected physical and mechanical properties of Moso bamboo (*Phyllostachys pubescens*). *Journal of Tropical Forest Science*, 20(4): 285 - 263.

Yu, X., 2007. Bamboo: structure and culture, Ph.D. thesis University Duisburg-Essen, p 188.

Yulong, D., 2001. Bamboo anatomy, Today and tomorrow, Proceedings of International seminar on bamboo cultivation , processing and utilisation, Yibin city, Schuan,China, 20th to 22nd October 2001. *International Network for Bamboo and Rattan*, Provincial Forestry administration of Sichuan and Yiobin municipal peoples' Govt., p 30 - 33.

Yuming, Y. and Chaomao, H., 2010. China's bamboo-culture, resources, cultivation, utilization. *Technical report of International Network for Bamboo and Rattan-INBAR*, p 171.

Yusoff, M. N. M., Abd. Kadir, A., Mohamed, A. H., 1992. Utilisation of bamboo for pulp and paper and medium density fibreboard. Proceeding of the seminar *Towards the management, conservation, marketing and utilization of bamboos*, Forest Research Institute Malaysia, Kuala Lumpur, p 196 - 205.

Zenita, B., Espiloy, 1987. Physico-mechanical properties and anatomical relationship of some Philippine bamboos. *Recent Research on Bamboo*, Proceedings of the International bamboo workshop, October 6 to 14, Hangzhou, People's Republic of China, p 257 - 264.

Zhou, B., Fu, M., Xie, J., Yang, X., Li, Z., 2005. Ecological function of bamboo forest, research and application. *Journal of Forestry Research*, 16(2): 143 - 147.

Zhou, F. C., 1981. Studies on physical and mechanical properties of bamboo woods. *Journal of Nanjing Forest University*, 2: 1 - 32.