

DAFTAR PUSTAKA

- Agashe, S. N. & E. Caulton. 2009. *Pollen and Spores: Applications With Special Emphasis On Aerobiology And Allergy*. United States of America: Science Publishers. pp. 10-12
- Akihama, T & M. Omura. 1986. Preservation of Fruit Tree Pollen dalam Bajaj, Y.P.S. (edit) *Trees I Biotechnology in Agriculture and Forestry Vol 1*. Springer-Verlag Berlin Heidelberg New York. pp. 101-112
- Albert, B., Gouyon, P., & A. Ressayre. 2009. Microsporogenesis variation in *Codiaeum* producing in-aperturate pollen grain. *C. R. Biologies*, doi:10.1016/j.crv.2009.02.001
- Alvernita, G. 2011. The Histopathology of Mice Liver Treated by Kepel (*Stelechocarpus burahol*) Suspension Intragastrically for 14 Days. Skripsi. Institut Pertanian Bogor. www.repository.ipb.ac.id diakses tanggal 8 Mei 2013.
- Backer CA, & Jr. RC., Bakhuizen van den Brink. 1963. *Flora of Java (Spermatophytes only)*. Vol. I. N.V.P. Netherlands: Noordhoff – Groningen. pp : 101-102
- Bengtsson, S. 2006. *Evaluation of transgenic Campanula carpatica Plants*. Master's Project in the Danish-Swedish Horticulture Programme: The Royal Veterinary and Agricultural University: Fredriksberg. pp. 37-38
- Bhat, Z. A., Dhillon, W. S., Shafi, R. H. S, Rather, J. A., Mir, A. H., Shafi, W., Rashid, R., Bhat, J. A. Rather, T. R., & T. A. Wani. 2012. Influence of Storage Temperature on Viability and *In Vitro* Germination Capacity of Pear (*Pyrus spp.*) Pollen. *Journal of Agricultural Science*; Vol. 4, No. 11; 2012. URL: <http://dx.doi.org/10.5539/jas.v4n11p128>
- Bhojwani, S.S & S.P. Bhatnagar. 1999. *The Embryology of Angiosperms 4th Revised & Enlarged Ed.* Vikas Publishing House PVT LTD, New Delhi.
- Chaowasku, T. & W.J.M. R. Van Der Ham, 2013. Integrative systematics supports the establishment of *Winitia*, a new genus of Annonaceae (Malmeoideae, Miliuseae) allied to *Stelechocarpus* and *Sagerae*. *Systematics and Biodiversity*, 11(2): 195–207

- Darusman, H.S., Rahminiwati, M., Sadiyah, Batubara, S., I., Darusman, L.K. & T. Mitsunaga, 2012. Indonesian Kepel Fruit (*Stelechocarpus burahol*) as Oral Deodorant. *Research Journal of Medicinal Plant*. 6: 180-188.
- Dutta, S.K. Srivastav, M., Chaudhary, R., Lal, K., Patil, P., Singh, S.K., & A.K. Singh. 2013. Low Temperature Storage Of Mango (*Mangifera indica* L.) Pollen. *Scientia Horticulturae*. 161: 193–197.
- Erdtman, G. 1943. *An Introduction To Pollen Analysis*. Chronica Botanica Company of Waltham, Mass., U. S. A. pp. 43-55
- Erdtman, G. 1952. *Pollen Morphology and plant taxonomy Angiosperms. An introduction to the study of pollen grains and spores*. E. J. Brill, Leiden, The Netherlands. pp. 6-18
- Faegri, K & J. Iversen. 1989. *Textbook of Pollen Analysis*. Jhon Wiley & Sons Ltd. Denmark. pp. 209-240
- Furness, C.A., & P.J. Rudall. 2001. The Tapetum in Basal Angiosperms: Early Diversity. *International Journal of Plant Sciences*, Vol. 162, No. 2 (Maret 2001), pp. 375-392
- Furness, C.A., Rudall, P.J., & F.B. Sampson. 2002. Evolution Of Microsporogenesis in Angiosperms. *International Journal of Plant Sciences*, Vol. 163, No. 2 pp 235-260.
- Gomez, K.A., & A.A. Gomez. 1984. *Statistical Procedures for Agriculture Research*. 2nd Ed. John Wiley and Sons. New York. pp. 7-40
- Heriyanto, N.M., & Garsetiasih, 2005. Kajian Ekologi Pohon Burahol (*Stelechocarpus burahol*) di Taman Nasional Meru Betiri, Jawa Timur. *Buletin Plasma Nutfah*. Vol.11 No.2
- Heyne K, 1987. *Tumbuhan Berguna Indonesia*. Jilid II. Badan Litbang Kehutanan Jakarta. Penerbit Yayasan Sarana Wana Jaya. Jakarta. pp. 101-102
- Hidayat, A. 2011. Fractionation of Flavonoid Group from Kepel (*Stelechocarpus burahol*) Leaves as Antibacterial Agent, Thesis: Bogor Agricultural University

- Irawanto. 2007. *Perkecambahan dan Fenologi Tanaman Potensi Buah Koleksi Kebun Raya Purwodadi*. UPT Balai Konservasi Tumbuhan Kebun Raya Purwodadi-LIPI.
- Ichsan N.R. 2011. Isolasi Identifikasi dan Uji aktivitas Lipid Peroksida Terhadap Senyawa Fenolik Kulit Dan Biji Buah Kepel (*Stelechocarpus burahol*) Skripsi: Universitas Airlangga Surabaya.
- Johri, B.M. & K.B. Ambegaokar. 1984. Embryology: Then and Now, dalam Johri, B.M. (edit). *Embryologi of Angiospermae*. Springer-Verlag. Berlin. Heidelberg. New York. Tokyo. pp.5-6
- Karcz, J. 2009. *Scanning Electron Microscopy in Biology*. Laboratory of Scanning Electron Microscopy, University of Silesia. Faculty of Biology and Environmental Protection. URL : <http://www.semlab.us.edu.pl> diakses tanggal 12 Oktober 2013.
- Katara, M., dan A. Mankad. 2012. In Vitro Pollen Germination Of *Datura Metel L.* Effect Of Sucrose. *International Indexed & Refferred Research Journal*, Vol III, Issue-35, p: 57-58.
- Keijzer, C. J. 1987. The Processes Of Anther Dehiscence And Pollen Dispersal. The Opening Mechanism Of Longitudinally Dehiscing Anthers. *New Phytol.* (1987) 105, 487-498
- Konyar S.T. 2013. Ultrastructure of microsporogenesis and microgametogenesis in *Campsis radicans* (L.) Seem. (Bignoniaceae). *Plant Systematics and Evolution*. Volume 300, [Issue 2](#), pp 303–320. Doi: 10.1007/s00606-013-0883-x Springer-Verlag Wien.
- Lim, T.K. 2011. *Edible Medicinal and Non-Medicinal Plants Volume 1, Fruits*. Springer Dordrecht Heidelberg London New York page:227-230
- Lora, J., Testillano, P.S., Risueño, M.C., Hormaza, J.I., & M. Herrero. 2009. Pollen development in *Annona cherimola* Mill. (Annonaceae). Implications for the evolution of aggregated pollen. *BMC Plant Biology* 2009, 9:129 doi:10.1186/1471-2229-9-129. <http://www.biomedcentral.com/1471-2229/9/129>.
- Lora J., Herrero, M., & J.I. Hormaza. 2012 Pollen performance, cell number, and physiological state in the early-divergent Angiosperm *Annona cherimola* Mill. (Annonaceae) are related to environmental conditions during the final stages of pollen development. *Sex Plant Reprod* (2012) 25:157–167. DOI 10.1007/s00497-012-0187-2

- Maheshwari, P. 1971. *An Introduction to The Embriology of Angiosperms. 1st Edition*. New York: Mc Grow-Hill Book Co.Inc. pp. 28-46
- Maryam , Jaskani, M. J., Fatima B., Haider M. S., Naqvi S. A., Nafees M., Ahmad R., & I. A. Khan. 2015. Evaluation Of Pollen Viability In Date Palm Cultivars Under Different Storage Temperatures. *Pakistan Journal Of Botany Pak. J. Bot.*, 47(1): 377-381.
- Mogea JP, Gandawidjaja D., Wiriadinata, H., Nasution, R. E., & Irawati. 2001. *Tumbuhan Langka Indonesia*. Jakarta: Pusat Penelitian dan Pengembangan Biologi – Lembaga Ilmu Pengetahuan Indonesia. pp. 71.
- Nirmala, S., Kriswiyanti, E., & K.A.A. Darmadi. 2013. Uji Viabilitas Serbuk Sari Secara *In-Vitro* Kelapa (*Cocos Nucifera* L.“Rangda”) Dengan Waktu dan Suhu Penyimpanan Yang Berbeda. *Jurnal Simbiosis I* (2): 59- 69
- Nugroho, L.H., Purnomo, & I. Sumardi. 2010. *Struktur dan Perkembangan Tumbuhan*. Penebar Swadaya. Jakarta. pp. 125-131
- Patel R. G., & A. U. Mankad. 2014. *In Vitro* Pollen Germination - A Review. *International Journal of Science and Research (IJSR)* Volume 3 Issue 5, ISSN (Online): 2319-7064
- Penet, L., Nadot, S., Ressayre, A., Forchioni, A., Dreyer, L., & P. H. Gouyon. 2005. Multiple Developmental Pathways Leading to a Single Morph: Monosulcate Pollen (Examples From the Asparagales). *Annals of Botany* 95/2: 331–343.
- Purba, N. A. 2011. Efektivitas serbuk buah kepel (*Stelechocarpus burahol*) dalam menurunkan kadar amonia, trimetilamin dan fenol pada feses mencit (*Mus musculus*). Skripsi: Institut Pertanian Bogor. <http://repository.ipb.ac.id/handle/123456789/53964>
- Purwantiningsih, Hakim A.R, & I. Purwantini. 2010. Antihyperuricemic activity of the kepel (*Stelechocarpus burahol* (Blume.) Hook. f. & Thomson) Leaves Extract And Xanthine Oxidase Inhibitory Study. *International Journal of Pharmacy and Pharmaceutical Sciences*. Vol 2, Issue 2.

- Purwantiningsih, Purwantini, I., & D. Santoso. 2011. Identification Of Standard Parameters of Kepek Leaves (*Stelechocarpus burahol* (Blume.) Hook. f. & Thomson) and The Extract as Raw Material For Anti-Hyperuricemic Medicaments. *Asian Journal of Pharmaceutical and Clinical Research*. Vol. 4, Suppl 1: 149-153.
- Putri, W.U., Dodo., & Wawaningrum. 2011. Struktur Buah, Biji Dan Perkecambahan Biji Burahol (*Stelechocarpus Burahol* (Blume) Hook.f. & Thomson). Seminar Nasional PERHORTI. Lembang. Bandung
- Rahminiwati, M., Batubara, I., Sa'diah, S., Darusman, L.K., & T. Mitsunaga. 2010. Anti-acne potency of kepek [*Stelechocarpus burahol* (Blume.) Hook. f. & Thomson] leaf and fruit. Proceeding of International Conference on Medicinal Plant – Surabaya Indonesia 21 Juli 2010.
- Rezanejad. F. 2006. The Structure and Ultra Structure of Anther Epidermis and Pollenin *Lagerstroemia indica* L. (Lythraceae) in Response to Air Pollution. *Turk J Bot* 32 (2008). pp. 35-42
- Ruzin, SE. 1999. *Plant microtechnique and microscopy*. 322 pp. Oxford, New York: Oxford University Press.
- Stanley R.G., & H.F. Linskens. 1974. *Pollen- Biology Biochemistry Management* . Springer-Verlag Berlin Heidelberg: pp: 56-66.
- Sunarto, A.T., 1991. *Stelechocarpus burahol* (Blume) Hook.f. & Thomson [Internet] Record from Proseabase. Verheij, E.W.M. & R.E. Coronel, (Editors). PROSEA (Plant Resources of South-East Asia) Foundation, Bogor, Indonesia. <http://www.proseanet.org>. Accessed from Internet: 13-May-2013.
- Sunardi C, Padmawinata K, Kardono LBS, Hanafi M, Usuki, Y., & H. Iio. 2003. Identification of cytotoxic alkaloid phenanthrene lactams from *Stelechocarpus burahol*. *ITE Lett Batter New Technol Med* 4(3):328–331.
- Sunardi C, Padmawinata K, Kardono LBS, & A. Gana. 2007. Isolasi dan Identifikasi Kulit Batang Burahol [*Stelechocarpus burahol* (Blume.) Hook. f. & Thomson] Terhadap sel Leukimia. Disertasi: Sekolah Farmasi, Institut Teknologi Bandung.

- Sunardi, C. 2010. Structure of Steroid in *Stelechocarpus burahol* (Blume.) Hook. f. & Thomson. Stem Bark. *Jurnal Tumbuhan Obat Indonesia*. Vol. 3 no 2. pp. 115-117.
- Sunarni, T., Pramono, S., & R. Asmah. 2007. Antioxidant-free radical scavenging of flavonoid from the Leaves of *Stelechocarpus burahol* (Blume.) Hook. f. & Thomson. *Indonesian Journal of Pharmacy*, 18(3). pp. 111-116.
- Suwandi, A.O. 2010. Pengaruh Konsentrasi Ekstrak Daun Kepel (*Stelechocarpus burahol*) terhadap Aktivitas Anti Oksidan dan Sifat Fisik Sediaan Krim. Skripsi: Fakultas Farmasi Universitas Gajah Mada.
- Tansengco, M.L., Imaizumi-Anraku, H., Yoshikawa, M., Takagi, S., Kawaguchi, M., Hayashi M., & Y. Murooka. 2004. Pollen Development and Tube Growth are Affected in the Symbiotic Mutant of *Lotus japonicus*, *crinkle*. *Plant Cell Physiol.* 45(5): 511–520
- Tisnadjaja D., Saliman E., Silvia, & P. Simanjuntak. 2006. Pengkajian Burahol [*Stelechocarpus Burahol* (Blume) Hook. f. & Thomson] Sebagai Buah Yang Memiliki Kandungan Senyawa Antioksidan. *Biodiversitas*. Vol 7, Nomor 2 April 2006 pp: 199-202.
- Tjitrosoepomo, G., 2007. *Taksonomi Tumbuhan (Spermatophyta)*. Yogyakarta: Gadjah Mada University Press. pp. 173-175
- Tsou, C. & D.M. Johnson. 2003. Comparative Development Of Aseptate and Septate Anthers Of Annonaceae. *American Journal of Botany* 90(6): 832–848.
- Umiyah. 2005. Existence Of *Stelechocarpus burahol* (Blume.) Hook. f. & Th. In Wilderness Zone, Bande Alit Resort, Meru Betiri National Park. *Berk. Penel. Hayati*: 10 (85–88)
- Wang B. S. P., Charest, P.J, & J. Downie. 1993. *Ex Situ* Storage Of Seeds, Pollen, and *In vitro* Cultures Of Perennial Woody Plant Species. *Fao Forestry*. pp: 25-24
- Warningsih, 2000. Uji Fitokimia dan Efek Anti Implantasi Ekstrak Etanol Bunga *Hibiscus rosa-sinensis* Linn., Buah *Piper nigrum* Linn., dan Buah kepel (abstrak) dalam Sundari D., Widowati L., Wahjoedi B., Winarno, M.W.(edit). *Penelitian Tanaman Obat Di Beberapa Perguruan Tinggi Di Indonesia X* ed. I. Badan Penelitian dan

Pengembangan Kesehatan Pusat Penelitian dan Pengembangan
Farmasi. Departemen Kesehatan Republik Indonesia.

Xu, F., & L.P.R. de Craene. 2013. Pollen Morphology and Ultrastructure of Selected Species From Annonaceae. *Plant Syst Evol* (2013) 299:11–24.

Yates I.E & D. Sparks. 1992. External Morphological Characteristics for Histogenesis in Pecan Anthers. *J. AMER. Soc. HORT. SCI.* 117(1):181-189.