

## DAFTAR PUSTAKA

- Adalina, Y. dkk. 2010. Sumber Bahan Pewarna Alami Sebagai Tinta Sidik Jari Pemilu, *Pusat Penelitian Dan Pengembangan Hutan Dan Konservasi Alam Badan Penelitian Dan Pengembangan Kehutanan Departemen Kehutanan, Bogor*
- Anggrodi R. 1990. *Ilmu Makanan Ternak Umum*. Cetakan Ketiga. PT. Gramedia. Pustaka.Jakarta
- Aobchey P., S. Sinchaikul, S. Phutrakul and S-T Chen. Simple Purification of Indirubin from *Indigofera tinctoria* Linn. and Inhibitory Effect on MCF-7 Human Breast Cancer Cells. *Chiang Mai J. Sci.* 2007; 34(3) : 329-337  
[www.science.cmu.ac.th/journal-science/josci.html](http://www.science.cmu.ac.th/journal-science/josci.html)
- Arnon, D.I. 1949. Copper enzyme polyphenoloxides in isolated chloroplast in *Beta vulgaris*. *Plant Physiology*. 24 : 1-15.
- Chauhan, V.; Pandey, A. (2014). "Structure and evolution of the pod in Indigofera (Fabaceae) reveals a trend towards small thin indehiscent pods". *Botanical Journal of the Linnean Society*. 176 (2): 260-276.
- Donald, A.J. 1940. *Plant Microtechnique*. Mc-Graw Hill Book Company. New York. Erlangga.Jakarta.Hal 382-386
- Fen Mei Ma, 2001, Indigo Originates from Blue- The Taiwanese Indigo Dye Plants and The Study of The Techniques of Indigo Dye Fabrication by Precipitation, Researcher assistant, National Taiwan Craft Research Institute, *Journal of The Society of International Natural Dyeing*. 1(1)
- Fitter, A.H. dan Hay, R.K.M. 1994. *Fisiologi Lingkungan Tanaman*. UGM Press. Yogyakarta.
- Gomez, K.A. and Gomez. 1984. *Statistical Procedures for Agricultural Research 2<sup>nd</sup> ed.* John Wiley and Son. New York.
- Gurley, S., Boulder, Colo., 1995. *Indigo Dye Process*. United States Publisher, England. P : 5, 378, 246.
- Hasanudin dan Widjiati. 2002. *Penilaian Proses Pencelupan Zat Warna Soga Alam*

*Pada Batik Kapas.* Departemen Perindustrian dan Perdagangan Republik Indonesia. Balai Besar Penelitian dan Pengembangan Industri Kerajinan Batik. Yogyakarta

- Hassen, A., N.F.G. Rethman, Van Niekerk And T.J. Tjelele. 2007. Influence of season/year and species on chemical composition and in vitro digestibility of five *Indigofera* accessions. *Anim. Feed Sci. Technol.* 136: 312-322.
- Heyne, K.1987.*Tumbuhan Berguna Indonesia*, Jilid III, Terjemahan Badan Litbang Kehutanan, Departemen Kehutanan, Jakarta. 1383-1384.
- Jabr, Ferris. 2010. A new form of chlorophyll. *Scientific American*. Retrieved on 2012-04-05.
- Kasmudjo dan Saktianggi, Panji Probo.2011. Pemanfaatan Daun *Indigofera* (*Indigofera tinctoria*) sebagai Pewarna Alami Batik. *Masyarakat Peneliti Kayu Indonesia XIV*. 542-548
- Laitonjam, W.S., Wangkheirakpam, S.D. 2011. Comparative study of the major components of the indigo dye obtained from *Strobilanthes flaccidifolins* Ness. and *Indigofera tinctoria* Linn. *International Journal of Plant Physiology and Biochemistry*. 3: 108-116
- Leite, V.; Marquiefável, F.; Moraes, D.; Teixeira, S.2009. Fruit anatomy of Neotropical species of *Indigofera* (Leguminosae, Papilionoideae) with functional and taxonomic implications. *The Journal of the Torrey Botanical Society*. 136 (2): 203-211
- Lestari, K., 1999. Proses Ekstraksi dan Pudarisasi Bahan Pewarna Alam. Makalah Seminar *Revival of Natural Colors*. Departemen Perindustrian dan Perdagangan. Yogyakarta
- MacKinney, G. 1941. Absorption of light by chlorophyll solution. *Jour. Biol. Chem.* 140: 315-322
- Muryanti, Solichatun, dan Endang, Anggarwulan. 2005. Pertumbuhan dan Produksi Reserpin Kalus Pule Pandak (*Rauvolfia serpentina* (L.) Bentham ex. Kurz.) pada Pemberian Metil Jasmonat secara In Vitro. *Jurnal Bioteknologi*. 2: 58-56

- Nakamura, T. 1995. Plant tissue observation using microscope. p. 15-22. In Hinata, K. and T. Hashiba (eds.) *A Manual of Experiment for Plant Biology*. Tokyo Soft Science Publications. Tokyo
- Naswati, S., 2014. Analisis nilai tambah pemanfaatan *Indigofera* sebagai bahan pewarna alami batik tulis di Kecamatan Imogiri, Kabupaten Bantul. *Skripsi*. Fakultas Pertanian Universitas Gadjah Mada, Yogyakarta.
- Nontji, Anugerah. 2008. *Plankton Laut*. Pusat Penelitian Oseanografi LIPI press. Jakarta
- Nugroho, L. Hartanto, Purnomo, M.S., Issirep Sumardi. 2012. *Struktur dan Perkembangan Tumbuhan*. Penebar Swadaya. Jakarta.
- Oberthur, C., Graf, H., Hamburger, M., 2004. The content of indigo precursor in *Isatis tinctoria* leaves - a comparative study of selected accesions and post harvest treatments. *Phytochemistry*. 65, 3261-3268.
- Osborne DJ, McManus MT. 2005. *Hormones, Signals, and target cells in Plant Development. Development and Cell Biology Series*. Cambridge University Press. Cambridge. Pg:22-23.
- Pandey, B.P. 1982. *Plant Anatomy*, 3<sup>rd</sup> edition. S. Chan and Company Ltd. New York.
- Parthier B. 1990. Jasmonates: hormonal regulators of stress factors in leaf senescence. *J of Plant Growth Regulation* 9:57-63 .
- Paulino, J; Groppo, M; Teixeira, S. (2011). "Floral developmental morphology of three *Indigofera* species (Leguminosae) and its systematic significance within Papilionoideae." *Plant Systematics and Evolution*. 292 (3): 165-176  
Pretoria
- Puy, Djdu, Labat J.N., Rabevohitra R., Villiers J.F., Bosser J., Moat J. 2002. *The Leguminosae of Madagascar*. Richmond UK :Royal Botanic Gardens, 737 pp
- Rahayuningsih, E., Wijayanto, A., and Nurfitasari, P., 2016. Preservation of Natural Colorant Exctrat of Jalawe Fruit Peel (*Terminalia bellirica*) in Water-Based Solution. *Indonesia J. Chemistry*. 16 (3). 315-321

- Rini, S. dkk. 2011. *Pesona Warna Alami Indonesia, Yayasan Keanekaragaman Indonesia*. Jakarta
- Rothemund, P. 1956. Hemin and Chlorophyll- the two most important pigments for life and earth. *The Ohio Journal of Science*. Vol. LVI, No. 4
- Ruzin, S.E. 1999. *Plant Microtechnique and Microscopy*. Oxford Press. New York.
- Salisbury FB, Ross CW. 1995. *Fisiologi Tumbuhan, jilid 3*. terjemahan Lukman DR, Sumaryono. Bandung: Penerbit ITB. Hal:92
- Salisbury, F.B., and C.W. Ross. 1999. *Plant Physiology*. Wadworth Publ.Co. New York
- Sandoval S,F., C. C Méndez, A. M. Cardador. 2010. Preliminary study of the indican production in tissue culture of *Indigofera suffruticosa* e-Gnosis. 8: 1-7
- Sarangi, B.K., Minami, Y., Thul, S.T. 2015. RNA-Seq analysis for indigo biosynthesis pathway genes in *Indigofera tinctoria* and *Polygonum tinctorium*. *Genomics Data*.6: 212-213.
- Shadily, H. dan Pringgodigdo. 1973. *Ensiklopedia Umum*. Penerbit Kanisius, Yogyakarta.
- Stoker, K.G., Cooke, D.T., and Hill, D.J.1998. An improved method for the large-scale processing of woad (*Isatis tinctoria*) for possible commercial production of woad indigo. *J.Agr.Eng.Res.* 71 : 315-320.
- Sumardjo, D. 2006. *Pengantar Kimia Buku Panduan Mahasiswa Kedokteran*. Jakarta: Kedokteran EGC.
- Sundberg, B., Hannele, T., and C. H. Anthony Little. 1994. Effect of the Indole-3-Acetic Acid (IAA) Transport Inhibitors N-1-Naphtylphthalamic Acid and Morphactin on Endogenous IAA Dynamics in Relation to Compression Wood Formation in 1-Year-Old *Pinus sylvestris* (L.) Shoots. *Plant Physiol*.106: 469-476

Suprpto, H. (2001), *Zat Pewarna Alami Indigofera Tinctoria*, Balai Besar Kerajinan dan Batik, Yogyakarta

Susanto, S., 1973. Seni Kerajinan Batik Indonesia, *BPKB*. Yogyakarta

Syahbanu, Intan. 2009. *Senyawa Indigo dan Indirubin dari Indigofera tinctoria Linn Sebagai Sensitiser Lapis Tipis TiO<sub>2</sub> Berpori* [Skripsi]. Perpustakaan Fakultas Matematika dan Pengetahuan Alam Universitas Gadjah Mada. Yogyakarta

Taiz, L. and E. Zeiger. 1998. *Plant Physiology*. 2<sup>nd</sup> ed. Sinauer Associates, Inc. Publisher. Sunderland, Massachusetts.

Taiz, L. and E. Zeiger. 2002. *Plant Physiology*. 3<sup>rd</sup> ed. Sinauer Associates, Inc. Publisher. Sunderland, Massachusetts.

Tayade, Priti B. and Adivarekar, Ravindra V. 2014. Extraction of Indigo Dye from *Corchorus guianensis* and its Application on Cotton Fabric. *Fashion and Textile*, a Springer Open journal. 1 : 16.

Tjelele, T.J. 2006. *Dry Matter Production, Intake and Nutritive Value of Certain*

Wattimena, G.A. 1987. *Zat Pengatur Tumbuh*. IPB Press. Bogor.

Windy, W.S. M., J.A. Napitupulu, Mariati, dan Noverita S.V. 2013. Respons Pertumbuhan dan Produksi Biomassa Tanaman Obat Pegagan (*Centella asiatica* (L.) Urb) dengan Pemberian Fosfor dan Metil Jasmonat. *Jurnal Online Agroteknologi*. Vol.2, No.1: 474-486

Wu, E, K. Komolpis and H.Y. Wang. 1999. Chemical extraction of indigo from *Indigofera tinctoria* while attaining biological integrity. *Biotechnology Techniques* 13: 567–569.

Yuan, L.J., Liu, J.B., Xiao, X.G. 2010. Bio-oxidation of indole and characteristics of the responsible enzymes. *African Journal of Biotechnology*. 10, 19855-19863.

[www.NatureLoc.com](http://www.NatureLoc.com). *Indigofera tinctoria* L. ( diakses pada 2 Oktober 2017 ,18.00)

[www.giaconception.com](http://www.giaconception.com). Indigo flanze ( diakses pada 2 Oktober 2017 ,18.45)

<https://kbbi.kemdikbud.go.id/entri/batik>. 2016. Batik. [Badan Pengembangan dan  
Pembinaan Bahasa](#), Kementerian Pendidikan dan Kebudayaan Republik Indonesia.

(Diakses 2 Oktober 2017, 19.30)

<https://ich.unesco.org/en/RL/indonesian-batik-00170>. 2007. Indonesian Batik. KADIN  
Indonesia Foundation and Indonesia Batik Museum Institute. (Diakses 2 Oktober

2017, 19.30)