

## DAFTAR PUSTAKA

- Anonim<sup>1</sup>, 2000. *Tentang Stroberi (*Fragaria chiloensis* L/ *F. vesca* L.)*. <http://www.ristek.go.id/>. Diakses 5 Januari 2016.
- Anonim<sup>2</sup>, 2012, FAOSTAT Agriculture, <http://faostat.fao.org>. Diakses pada Januari 2016.
- Anonim<sup>3</sup>. 2010. Strawberry varieties. [www.strawberryplants.org](http://www.strawberryplants.org). Diakses pada tanggal 20 Juni 2016 pukul 13.28 WIB.
- Arnau G, Lallemand J, Bourgoin M (2001) Are AFLP markers the best alternative for cultivar identification?. *Acta Horti* 546:301–306.
- Ausabel. F.M, *et al.* 1992. *Short Protocols in Molecular Biology, Third ed.* John Wiley & Sons. Inc. USA.
- Ayundai, M. 2015. Deteksi Polimorfisme Tanaman Stroberi (*Fragaria* spp.) Kultivar ‘Californica’ dan ‘Festival’ Berdasarkan Penanda Molekular *Cleavage Amplified Polymorphic Sequences*. Naskah Skripsi. Fakultas Biologi Universitas Gadjah Mada.
- Baumbush, L.O., Ina, K.S., Hughes, D.W., Glenn, A.G., Kjetill, S.J. 2001. Efficient Protocol for CAPS-Based Mapping in *Arabidopsis*. *Plant Molecular Biology Reporter*. International Society for Plant Molecular Biology. Canada (19). P: 137-149.
- Bringham, R.S., and Khan, D.A., "Natural Pentaploid *F. chiloensis*—*F. vesca* Hybrids in Coastal California and Their Significance in Polyploid *Fragaria* Evolution," *Am. J. Bot.* 50 (1963): pp. 658-661.
- Budiman, S. & D. Saraswati. 2005. *Berkebun Stroberi Secara Komersial*. Penebar Swadaya. Jakarta pp:18-22
- Cai, B., Zhang, J., Gao, Z., Qu, S., Tong, Z., Mi, L., Qiao, Y., and Zhang, Z. 2008. An important method for isolation of total RNA leaves of *Fragaria*, spp. *Jiangsu Journal of Agriculture Science*. 24(6): 875-877
- Chandler, C.K., D.E. Legard, and C.A. Sims. 1997. 'RosaLinda' strawberry. *HortScience* 32:1134- 1135.
- Chandler, C.K., D.E. Legard, aDavid, D., Crocker, and C.A. Sims. 2000. 'Strawberry Festival' Strawberry. *HortScience* 32:1134- 1135
- Dara, S. 1994. Strawberry Production, IPM and Manual Postharvest Handling Manual. University of California Cooperative Extension. USA.
- Darrow, G. M. 1966 . Strawberry: History, breeding and physiology. Holt, Rinehart & Winston, New York, New York, USA. Also at website [http://specialcollections.nal.usda.gov/speccoll/collectionsguide/darrow/Darrow\\_TheStrawberry.pdf](http://specialcollections.nal.usda.gov/speccoll/collectionsguide/darrow/Darrow_TheStrawberry.pdf) .
- Davis, T.M., Deyones-Rothan, B., Larceteau-Kohler, E. 2007. *Genome Mapping and Molecular Breeding in Plants*. Springer. Berli pp: 437-445
- Degani C, Rowland LJ, Saunders JA, Hokanson SC, Ogden EL, Golan-Goldhirsh A, Galletta GJ (2001) A comparison of genetic relationship measures in strawberry (*Fragaria ananassa* Duch) based on AFLPs, RAPDs, and pedigree data. *Euphytica* 117:1–12

- Doyle, J.J. and Doyle Doyle, J.L. 1990. Isolation of plant DNA from fresh tissue. *Focus*. 12: 13-15.
- Fatchiyah, A.E.L., Widyarti, S., dan Rahayu, S. 2011. *Biologi Molekular Prinsip Dasar*. Erlangga. Jakarta.
- Gayo. B. 2009. *Si Merah Mungil Penebar Wangi*. <http://www.waspada.co.id>. Access on June 26th 2014.
- Hancock, J.F. 1999. *Strawberries*. CAB Intl., New York.
- Handoyo, D dan Ari, R. 2000. Prinsip umum dan pelaksanaan polymerase chain reaction (PCR) [General Principle and Implementation of Polymerase Chain Reaction). *Unitas* vol. 9, No.1. Pusat Studi Bioteknologi. Universitas Surabaya. 7-29.
- Ichijima, K. 1926. Cytological and genetic studies on *Fragaria*. *Genetics* 11: 590-603
- Hanif, Z., dan H.Ashari. 2013. *Sebaran stroberi (*Fragaria x ananassa*) di Indonesia*. Balai Penelitian Tanaman Jeruk dan Buah Subtropika. Kota Batu. p.1-16.
- Hummer, K.E., and J.Janick. 2009. Rosaceae:taxonomy, economic importance, genomics. *Springer Science Journal*:1-17.
- Ichijima, K. 1926. Cytological and genetic studies on *Fragaria*. *Genetics Journal* 11:590-604.
- Konieczny, A., and Ausubel, F.M. 1993. A procedure for mapping Arabidopsis mutations using co-dominant ecotype-specific PCR based markers. *Plant J*. Aug. 4(2):403-410
- Kole, J. 2007. *Genome Mapping and Molecular Breeding in Plants: Fruit and Nuts*. Springer, Germany p: 190
- Kumar, N.S., dan G. Gurusubramanian. 2011. Random Amplified Polymorphic DNA (RAPD) Markers and Its Application. *Science Vision Journal*. 11(3):116-123.
- Kunihisa, M., Fukino, N., Matsumoto, S. 2003. Development of cleavage amplified of polymorphic sequence (CAPS) marker for identification of strawberry cultivars. *Euphytica*. 134: 209-215.
- Kunihisa, M., Fukino, N., Matsumoto, S. 2005. CAPS marker improved by cluster-specific amplification for identification of octoploid strawberry (*Fragaria x ananassa* Duch.) cultivars, and their disomic inheritance. *Theor.Appl.Genet*. 110: 1410-1418
- Lee, S.V., Bahaman, and A.R. 2010. Modified gel preparation for distinct DNA Fragment Analysis in Agarose Gel Electrophoresis. *Tropical Biomedicine* 27(2): 351-354
- Liu, Dongyou. 2008. Preparation of *Listeria monocytogenes* specimen for molecular detection and identification. *International Journal of Food Microbiology*. 122: 299-242
- Marr, K. 2012. *Sample Calculation of DNA Fragment Size using Hypothetical (Fictitious) Data*. <http://www.instruction.greenriver.edu/kmarr/biology>. diakses tanggal 2 Juni 2012 .
- Matsumoto, A., and Y. Tsumura. 2004. Evaluation of cleavage amplified polymorphic sequence markers. *Theoretical and Applied Genetics*. 110: 80-91
- Neff, M.M., J.D. Neff, J. Chory, and A.E. Pepper. 1998. dCAPS a simple technique for the genetic analysis of single nucleotide polymorphisms:

- experimental applications in *Arabidopsis thaliana* genetics. *Plant journal*. 14: 387-392.
- Ni'matun, D. 2015. Karakterisasi Sitogenetik Tanaman Stroberi (*Fragaria* spp.) di Bali Penelitian Tanaman Jeruk dan Buah Subtropika, Malang, Jawa Timur. Naskah Skripsi. Fakultas Biologi Universitas Gadjah Mada.
- Nkongolo, K.K., K. Klimaszewska, and W.S. Graton. 1998. DNA yields and optimization of RAPD patterns using spruce embryogenic lines, seedling, and needles. *Plant Mol Biol Reporter*. 16: 1-9
- Pandin, D. S. 2009. Keragaman Genetik Kultivar Kelapa Dalam Mapanget (DMT) dan Dalam Tenga (DTA) Berdasarkan Penanda Random Amplified Polymorphic DNA (RAPD). *Buletin Palma*. 36: 17-27
- Philips, T. 2010. *Restriction Enzim Explained*. <http://biotech.about.com/>. Diakses pada 5 Januari 2016.
- Porebski, S., Grant, B., and Bernard, R.B. 1997. Modification of a CTAB DNA extraction protocol for plants containing high polysaccharide and polyphenol components. *Plant and Molecular Biology Reporter*. 15 (1): 8-15
- Prihartman, K. 2006. *Teknologi Budidaya Tanaman Pangan Arbei (Stroberi)*.
- Rybicky, E.P. 1996. *PCR primer design and reaction optimisation*. In *Molecular Biology Techniques Manual*. Ed. V.E. Coyne, M.D. James, S.J. Reid & E.P. Rybicki. Dept. of Microbiology. Univ. Cape Town.
- Sambrook, J., and David, W.R. 2001. *Molecular cloning: A Laboratory Manual*. 3rd ed. Cold Spring Harbor: Cold Spring Harbor Laboratory Press. ISBN: 0-87696-309-6
- Sambrook, J., E.F. Fritsch and T. Maniatis. 1989. *Molecular Cloning*. USA: Cold Spring Harbor Laboratory Press.
- Sarasmiyarti, A. 2008. *Analisis sitogenetika tanaman manggis (Garcinia mangostana L.) Jogorogo*. Naskah Skripsi. Fakultas Pertanian Universitas Sebelas Maret. Surakarta. pp.1-46.
- Sargent, D.J., Thomas, M.D., David, W.S. 2009. Strawberry (*Fragaria* spp.) Structural Genomics. *Genetics and Genomics of Rosaceae*, Plant Genetics and Genomic: Crops and Models 6. Springer Science and Business Media. UK. P: 437-456
- Sargent, D.J., Clarke, J., Simpson, D.W., Tobutt, K., Arus, P., Monfort, A., Vilanova, S., Denoyes-Rothan, B., Folta, K.M., Bassil, N., and Battey, N.H. 2006. An enhanced microsatellite map of diploid *Fragaria*. *Theoretical and Applied Genetics*. 122: 1349-1359
- Sato, S. 1978. A single cleavage of Simian virus40 (SV 40) DNA by a site specific endonuclease from *Thermus aquaticus*, *TaqI*. *J. Biochem.* Tokyo. 83(2): 633-5
- Scheinderbauer, A., Sandermann, H., and Ernst, D. 1991. Isolation of functional RNA from plant tissues rich in phenolic compounds. *Anal Biochem*. 197(1): 91-95
- Senanayake YDA, Bringhurst RS (1967) Origin of *Fragaria* polyploids. I. Cytological analysis. *Am J Bot* 54:221-228
- Rukmana, R. 1998. *Stroberi Budidaya dan Pascapanen*. Kanisius, Yogyakarta pp:12, 13, 16-18
- Setyoningrum, R. 2016. *Variasi Genetik Kultivar Stroberi *Fragaria x ananassa* Duch & *Fragaria vesca* L. Berdasarkan Penanda Molekular Random*

*Amplified Polymorphic DNA*. Naskah Skripsi. Fakultas Biologi Universitas Gadjah Mada.

- Shulaev, V., Daniel, J.S., Ross, N.C., Todd, C.M., Otto, F., Arthur, L.D., Pankaj, J., Keithanne, M., Aaron, L., Shrinivasrao, P.M., Paul, B., Thomas, M.D., Janet, P.S., Nahla, B., Roger, P.H., Clive, E., Tim, H., Chinnappa, K., Brian, D., Oswald, R.C., Roderick, V.J., Andrew, C.A. 2011. The Genome of Woodplant Strawberry (*Fragaria vesca*). *Nature Genetic*. Nature America, Inc. USA
- Singh, R.J. 1999. *Plant Systematic*. Science Publisher, Inc. New York. p. 78.
- Sokal, R. H. and P. A. Sneath. 1973. *Principles of Numerical Taxonomy*. W. H. Freeman and Co. San Francisco, pp. 291-303.
- Strand, L. L. 2008. *Integrated Pest Management For Strawberries*. Second Edition. The Regents of the University of California. USA pp:5-10
- Sudjadi. 2008. *Bioteknologi Kesehatan*. Kanisius. Yogyakarta.
- Suryo, 1995. *Genetika untuk strata 1*. Gadjah Mada University Press: Yogyakarta. Hal 57-85
- Tanaka, M., Yasuhiro, T., Hiroki, N., Masaru, Y., Toru, K., Makoto, N. 2010. *Development of cleavage amplified polymorphic sequence (CAPS)-based markers for identification of sweetpotato cultivars*. *Science Horticulturae* 123. P: 436-442. National Agriculture Research Center for Kyushu Okinawa Region. Japan.
- Tohir, K.A. 1978. *Bercocok Tanam Pohon Buah-buahan*. Pradnya Paramitha. Jakarta
- Yanagi, T., Kim, E.H., Takashi, I., Kayuzoshi, S., Preeda, N., Takejiro, T. 2010. Aneuploid strawberry ( $2n=8x+2=58$ ) was developed from homozygous unreduced gamete ( $8x$ ) produced by second division restitution in pollen. *Scientia Horticulturae*. Elsevier. Japan
- Yusuf, K.Z. 2010. Polymerase Chain Reaction (PCR). *Saintek*. 5 (6).
- Yuwono, T. 2005. *Biologi Molekular*. Erlangga. Jakarta
- Zulfahmi, 2013. Penanda DNA untuk Analisis Genetik. *Agroteknologi* 3 (2): 41-52