



DAFTAR PUSTAKA

- Agarwal, M., N. Shrivastava, & H. Padh. 2008. Advances in molecular marker techniques and their applications in plant sciences. *Plant Cell Reporter*, 27: 617–631
- Ajibade, S.R., N.F. Weeden & S.M. Chite, 2000. Inter-simple sequence repeat analysis of genetic relationships in the genus *Vigna*. *Euphytica* 111: 47–55.
- Anonim. 2000. *Tentang Stroberi (*Fragaria chiloensis* L / *F. vesca* L.)*. <http://www.ristek.go.id/>. Diakses Mei 2016
- Benson, L. 1997. *Plant Classification*. D. C. Heath & Co. Boston. P. 688
- Budiman, S. & D. Saraswati. 2005. *Berkebun Stroberi Secara Komersial*. Penebar Swadaya. Jakarta p:18
- Bringhurst, 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.
- Botstein, D., R. White, M. Skolnick, and R.W. Davis. 1980. Construction of genetic linkage map in human, using restriction fragment length polymorphism. *American Journal of Human Genetics* 32: 314-331.
- Cai, B., Zhang, J., Gao, Z., Qu, S., Tong, Z., Mi, L., Qiao, Y., & Zhang, Z. 2008. An important method for isolation of total RNA from the leaves of *Fragaria* spp. *Jiangsu Journal of Agriculture Science*. 24(6): 875-877
- Chandler, C.K., D.E. Legard, D. Dunigan, T.E. Crocker, & C.A. Sims. 2000. 'Strawberry Festival' Strawberry. *Horticultural Science* (7) : 1366–1367
- Chandler, C.K., D.E. Legard, & C.A. Sims. 1997. 'RosaLinda' strawberry. *HortScience* 32 : 1134- 1135.
- Chang, S., Puryear, J., Cairney, J., 1976. A simple and efficient method for isolating RNA from pine trees. *Plant Molecular Biology Reporter* 11,113–116.
- Darnell J., Lodish H., & Baltimore D. 1990. *Molecular Cell Biology*, 2nd edition. Scientific American Book Inc., New York, p. 99-76
- Darrow, G.M. 1966. *Strawberry : History, Breeding, and Physiology*. New England Institute for Medical Research. Canada p: 2, 91, 139-141
- Davis, T.M., Deyones-Rothan, B., Larceteau-Kohler, E. 2007. *Genome Mapping and Molecular Breeding in Plants*. Springer. Berli pp: 437-445
- Debnath, S. C., Khanizadeh, S., Jamieson, R., & Kempler, C. 2007. Inter Simple Sequence Repeat (ISSR) markers to assess genetic diversity and relatedness within strawberry genotypes. *Canada Journal Plant Sci* (88): 313-322.
- Doyle, J. J & Doyle Doyle, J. L. 1990. Isolation of plant DNA from fresh tissue. *Focus*. 12: 13-15
- Fairbanks, D. J. & W. R. Andersen. 1999. *Basic methods in molecular biology 2nd ed*. Appleton & Lange, Norwlk p:763
- Fatchiyah., Arumingtyas. E. L., Widyarti. S., & Rahayu, S. 2011. *Biologi Molekular Prinsip Dasar Analisis*. Erlangga. Jakarta hal 49
- Farrel, R. E. 2010. *RNA Methodologies*. Academic Press. London. p: 615
- Fatkurohman, M.I. 2012. *Analisis Variasi Genetik Melon (*Cucumis melo* L.) Kultivar TACAPA dengan Metode Random Amplified Polymorphic DNA*. Skripsi Fakultas Biologi Universitas Gadjah Mada. Yogyakarta



- Folta, K. M., Staton, M., Stewart, P. J., Jung, S., Bies, D. H., Jesdurai, C. and Main, D. 2005. Expressed sequence tags (ESTs) and simple sequence repeat (SSR) markers from octoploid strawberry (*Fragaria ananassa*). *BCM Plant Biol.* 5: 12-23.
- Hancock, J.F. 1999. *Strawberries*. CAB Intl., New York.
- Hanif, Z & H. Azhari. 2015. *Sebaran Stroberi (Fragaria x ananassa) di Indonesia*. Balai Penelitian Tanaman Jeruk dan Buah Subtropika. Batu. p: 90-94
- Hanif, Z & T.D. Jayanti. 2015. Karakterisasi plasma nutfah stroberi (*Fragaria x ananassa* Duchsene ex Wetson) di Balai Penelitian Tanaman Jeruk dan Buah Subtropika dengan Deskriptor Stroberi Upov. *Semnas Biodiversitas* 4 (3) : 274 - 279
- Henegariu, O., Heerema, N.A., Dlouhy, S.R., Vance, G.H., & Vogt, P.H. 1997. Multiplex PCR: critical parameters and step-by-step protocol. *Biotechniques* 23, 504–511
- Holme, D.J. & H. Peck. 1998. *Analytical Biochemistry*. 3rd edition. Longman, New York.
- Huang, J. & S.M. Sun, 2000. Genetic diversity and relationships of sweet potato and its wild relatives in Ipomoea series Batatas (Convolvulaceae) as revealed by inter-simple sequence repeat (ISSR) and restriction analysis of chloroplast DNA. *Theor Appl Genet* 100: 1050–1060
- Inayati, E. 2015. *Hubungan Kekerbatan Sembilan Kultivar Stroberi (Fragaria spp.) Berdasarkan Karakter Anatomis dan Morfologis*. Skripsi. Fakultas Biologi Universitas Gadjah Mada. Yogyakarta.
- Joshi, S.P., V.S. Gupta, R.K. Aggarwal, P.K. Ranjekar & D.S. Brar. 1999. Genetic diversity and phylogenetic relationship as revealed by inter-simple sequence repeat (ISSR) polymorphism in the genus *Oryza*. *Theor Appl Genet* 100: 1311–1320.
- Khopkar, S.M. 1990. *Konsep Dasar Kimia Analitik*. UI Press. Jakarta hal 98
- Kuras, A., & Korbin, M. 2004. PCo-A analysis of strawberry germplasm used in European breeding programs, based on evaluation of DNA polymorphism of investigated plants. *Journal of Fruit and Ornamental Plant Research* (18) p. 7-16
- Matsumoto, A., and Y. Tsumura. 2004. Evaluation of cleavage amplified polymorphic sequence markers. *Theoretical and Applied Genetics*. 110: 80-91
- Mondini, L., A. Noorani & M. A. Pagnotta. 2009. Assessing Plant Genetic Diversity by Molecular Tools. *Diversity* (1) : 19-35
- Morales, R.G.F., Juliano, T.V.R., Marcos, V.F., Marcela, C.A., Luciane, V.R., Carla, A.D., & Paulo, R.S. 2011. Genetic Similarity among Strawberry Cultivars Assessed by RAPD and ISSR Markers. *Sci.Agric*.p.667.
- 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.
- Nagaoka, T. & Y. Ogihara, 1997. Applicability of inter-simple sequence repeat polymorphisms in wheat for use as DNA markers in comparison to RFLP and RAPD markers. *Theor Appl Genet* 94: 597–602



- Nathewet P., Hummer K.E., Yanagi T., Iwatsubo Y. & Sone K.. 2009. Karyotype analysis in octoploid and decaploid wild strawberries in *Fragaria* (Rosaceae). *Cytologia*. 75: 277-288
- Nicholl, D. S. T. 2008. *An Introduction to Genetic Engineering*. 3thed. Cambridge University Press. Singapore. Pp. 35-36
- 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
- Paran, I & Michelmore, R.W. 1993. Development of reliable PCR-based markers linked to downy mildew resistance genes in lettuce. *Theoretical and Applied Genetics* vol. 85, pp. 985–993.
- Priest, F., & Austin, B. 1993. *Modern Bacterial Taxonomy*, 2nd Ed. Chapman & Hall. London. P:89
- Region, N. 2013. *The Mid-Atlantic Berry Guide*. Penn State Cooperative Extension. Atlantic. p. 49-50.
- Reddy, M. P., Sarla, N., & Siddiq, E. A. 2002. Inter simple sequence repeat (ISSR) polymorphism and its application in plant breeding. *Euphytica* 1: 9-17
- Rousseau-Gueutin M., Gaston A., Ainouche A., Ainouche M.L., Olbricht K., Staudt G., Richard L. & Denoyes-Rothan B. 2009. Tracking the evolutionary history of polyploidy in *Fragaria* L. (strawberry): new insights from phylogenetic analyses of low-copy nuclear genes. *Molecular Phylogenetics & Evolution* 51: 515-530
- Rukmana, R. 1998. *Stroberi Budidaya dan Pascapanen*. Kanisius, Yogyakarta hal 78
- Sambrook, J. and D.W. Russell. 2001. *Molecular Cloning : A Laboratory Manual*. Cold Spring Harbor Laboratory Press. New York
- Sambrook, J., Fritsch, E. F., & Maniatis, T. 1982. *Molecular Cloning : A laboratory Manual*. 2nd Edition. Cold Spring Harbor Laboratory Press. USA
- Santoso, P. J. 2005. Modified CTAB-based DNA Isolation Procedure for Fruit crops. *Jurnal Stigma XIV* (1): 1-4
- Semagn, K., Å. Bjørnstad & M. N. Ndjiondjop. 2006. An overview of molecular marker methods for plants. *Journal of Biotechnology* 5 (25) : 2540-2568
- 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
- Staudt, G. 1999. Notes on Asiatic *Fragaria* species: *Fragaria nilgerrensis* Schltdl. ex J. Gay. *Bot. Jahrb. Syst.* 121:297-310
- Sokal, R. H. & P. A. Sneath. 1973. *Principles of Numerical Taxonomy*. W. H. Freeman and Co. San Francisco, pp. 291-303
- Spencer, K. A. 1990. *Host specialization in the world Agromyzidae (Diptera)*. Kluwer Academic Publisher. London p: 17-18, 95, 104



- Surzycki, S. 2000. *Basic techniques in Molecular Biology*. Springer-Verlag. Berlin, Heidelberg, New York
- Tingey, S.V., J.A. Rafalski, & M.K. Hanafey. 1994. Genetic analysis with RAPD markers. In: Coruzzi, C. and P. Puidormenech (eds.). *Plant Molecular Biology*. Belin: Springer-Verlag.
- Tjitrosoepomo, G. 2009. *Taksonomi Umum (Dasar-dasar Taksonomi Tumbuhan)*. Yogyakarta: Gadjah Mada University Press.
- Tohir, K.A. 1987. *Bercocok Tanam Pohon Buah-buahan*. Pradnya Paramitha. Jakarta
- Vos, P., R. Hogers, M. Bleeker, M. Reijans, T. Vandeleee, M. Hornes, A. Frijters, J. Pot, J. Peleman, M. Kuiper, & M. Zabeau. 1995. AFLP: a new technique for DNA fingerprinting. *Nucleic Acids Research*, 23: 4407-4414.
- Weeden, N.F., G.M. Timmerman, M. Hemmat, B.E. Kneen, & M.A. Lodhi. 1992. Inheritance and reliability of RAPD markers. In: *Applications of RAPD Technology to Plant Breeding*. Joint Plant Breeding Symposia Series, November 1, 1992, Minneapolis, MN. Crop Science Society of America, Madison, WI.
- Weising, K. H. Nybom, M. Pfenninger, K. Wolff, & G. Kahl. 2005. *DNA Fingerprinting in Plants: Principles, Methods, and Applications*. CRC Press. Boca Raton. p: 221
- Welsh, J. and McClelland, M. 1990. Fingerprinting Genomes Using PCR with Arbitrary Primers. *Nucleid Acid Research*. 18(24):7213
- William, J.G.K., A.R. Kubelik, K.J. Livak, J.A. Rafalski, & S.V. Tingey. 1990. DNA Polymorphism Amplified by arbitrary Primers are useful as genetic marker. *Nucleic Acids Research*, 18: 6531-6535.
- Willbraham, A.C and Matta, M.S. 1986. *General Organic and Biological Chemistry*. 2nd edition. The Benjamin/Cummings Publishing Company Inc. New york, p. 582-587
- Yuwono, T. 2005. *Biologi Molekular*. Erlangga. Jakarta
- Zulfahmi, 2013. Penanda DNA untuk Analisis Genetik. *Agroteknologi* 3 (2): 41-52
- Zietkiewicz, E., A. Rafalski, and D. Labuda. 1994. Genome Fingerprinting by Simple Sequence Repeat (SSR). *Anchored Polymerase Chain Reaction Amplification Genome* 20:176-18