

DAFTAR PUSTAKA

- AmphibiaWeb. 2016. *True Toads*. <http://amphibiaweb.org/lists/Bufoidea.shtml>. Diakses pada 16 Maret 2016.
- Ariza, Y.S., Dewi, B.S., dan Darmawan, A. 2014. Keanekaragaman Jenis Amfibi (Ordo Anura) Pada Beberapa Tipe Habitat di Youth Camp Desa Hurun Kecamatan Padang Cermin Kabupaten Pesawaran. *Jurnal Sylva Lestari*. 2(1): 21-30.
- Avise, J.C., Arnold, J., Ball, R.M., Bermingham, E., Lamb, T., Neigel, J.E., Reeb, C.A., Saunders, N.C. 1987. Intraspecific Phylogeography: the Mitochondrial DNA Bridge between Population Genetics and Systematics. *Ann Rev Ecol Syst*. 18: 489-522.
- Beuzen N.D., Stear M.J., and Chang, K.C. 2000. Molecular markers and their use in animal breeding. *Ver J*. 160: 42-52.
- Bikandi, J., Millan, R.S., Rementeria, A., and Garaizar, J. 2005. In silico analysis of complete bacterial genomes: PCR, AFLP-PCR and endonuclease restriction. *Bioinformatics*. 20(5): 798-799.
- Boore, J.L. 1999. Survey and Summary: Animal Mitochondrial Genomes. *Nucleic Acids Research*. 27(8): 1767-1780.
- Botstein, D., White, R.L., Skolnick, M., and Davis, R.W. 1980. Construction of a genetic linkage map in man using restriction fragment length polymorphisms. *Am J Hum Genet*. 32(3): 314-31.
- Boulenger, G.A. 1890. Fauna of British India. Reptilia and Batrachia. Taylor and Francis. London.
- Budowle, B., Allard, M.W., Wilson, M.R., Chakraborty, R. 2003. Forensics and Mitochondrial DNA: Applications, Debates, and Foundations. *Annu. Rev. Genomics Hum. Genet*. 4: 119-41.
- Butler, J.M., and Reeder, D.J. 2001. *Capillary Electrophoresis of Nucleic Acids, Vol. 2: Practical Applications of Capillary Electrophoresis*.
- Cespedes, A., Garcia, T., Carrera, E., Gonzalez, I., Fernandez, A., Asensio, L., Hernandez, P.E., Martin, R. 2000. Genetic Differentiation between Sole (*Solea solea*) and Greenland Halibut (*Reinhardtius hippoglossoides*) by PCR-RFLP Analysis of a 12S rRNA Gene Fragment. *J. Sci. Food Agric*. 80: 29-32.

- Clayton, D.A. 1982. Replication of animal mitochondrial DNA. *Cell*. 28: 693-705.
- Cunha, D.B., Sodre, D., Santos, A.C.A., Schneider, H., Sampaio, I., Sequiera, F., Vallinoto, M. 2013. A Rapid Method for Species Identification and Interspecies Introgression based on a PCR-RFLP: Application to the Closely Related Neotropical Toads *Rhinella marina* and *R. Schneideri* (Anura: Bufonidae). *Conservation Genet Resour*. 5: 227–229.
- Dean, M.D. and Ballard, J.W. Factors affecting mitochondrial DNA quality from museum preserved *Drosophila simulans*. 2001. *Entomologia Experimentalis et Applicata*. 98: 279-283.
- Endri, N., F. Nopiansyah, D. Gusman. 2010. *Herpetofauna: Mengenal Reptil dan Amphibia di Taman Nasional Siberut*. Balai Taman Nasional Siberut.
- Frost, D.R., Grant, T., Faivovich, J.N., Bain, R.H., Haas, A., Haddad, L.F.B., De Sa, R.O., Channing, A., Wilkinson, M, Donnellan, S.C., Raxworthy, C.J., Campbell, J.A., Blotto, B.L., Moler, P., Drewes, R.C., Nussbaum, R.A., Lynch, J.D., Green, D.M., and Wheeler, W.C. 2006. The Amphibian Tree of Life. *Bulletin American Museum of Natural History* 297: 1-370.
- Griffioen, P.H., de Jonge, R., van Zelst, B.D. *et al.* 2005. Detection and allele-frequencies of the 833T>C, 844ins68 and a novel mutation in the cystathionine beta-synthase gene. *Clin Chim Acta*. 354(1-2): 191-194.
- Gusman, D. 2003. *Morfometri Spesises Katak dari Famili Bufonidae dan Ranidae di Sumatra Barat*. Sripsi Sarjana Biologi, FMIPA, UNAND. Padang.
- Igawa, T., Komaki, S., Takahara, T., and Sumida, M. 2015. Development and Validation of PCR-RFLP Assay to Identify Three Japanese Brown Frogs of the True Frog Genus *Rana*. *Current Herpetology*. 34(1): 89–94.
- Indra, S., Roesma, D.I., Tjong, D.H. 200. Filogenetik Bufonidae (Amfibi: Anura) dari Sumatera dan Kawasan Asia Berdasarkan Gen Sitokrom b. Sripsi Universitas Andalas.
- Inger, R.F. and Bacon, J.P. 1968. Annual reproduction and clutch size in rain forest frogs from Sarawak. *Copeia*.
- Inger, R.F., Voris, H.K., and Voris, H.H. 1974. Genetic variation and population ecology of some Southeast Asian frogs of the genus *Bufo* and *Rana*. *Biochemical Genetics*. 12(2): 121-145.
- Inger, R. F. and Stuebing, R. B. 2005. *A Field Guide to the Frogs of Borneo, 2nd edition*. Natural History Publications (Borneo), Kota Kinabalu.

- Iskandar, D.T. 1998. *The Amphibians of Java and Bali*. Research and Development Centre for Biology-LIPI. Bogor, Indonesia.
- Iskandar, D.T. and Setyanto, D.Y. 1996. The Amphibians and Reptiles of Anai Valley, West Sumatra. *Annual Report Field Biology Research and Training Project (Bandung)*. 2: 74-91.
- Ke, X., Collins, A., and Ye, S. 2011. PIRA PCR Designer for Restriction Analysis of Single Nucleotide Polymorphisms. *Bioinformatics*. 17(9): 838-839.
- Kurniati, H. 2009. Herpetofauna Diversity in Kerinci Seblat National Park, Sumatra, Indonesia. *Zoo Indonesia* 2009. 18(2) : 45-68
- Kusrini, M.D. 2007. *Frogs of Gede Pangrango: A Follow up Project for the Conservation of Frogs in West Java Indonesia*.
- Li, X., Li, K., Fan, B., Gong, Y., Zhao, S., Peng, Z., and Liu, B. 2000. The Genetics Diversity of Seven Pigs Breeds in China, Estimated by Means of Microsatellites. *J. Anim. Sci.* 9: 1193-1195.
- Liu, Z.J., and Cordes, J.F. 2004. DNA Marker Technologies and Their Applications in Aquaculture Genetics. *Aquaculture*. 238: 1-37.
- Mistar. 2003. *Panduan Lapangan Amphibi Kawasan Ekosistem Leuser*. PILI-NGO Movement. Bogor.
- Morin, P.A., Luikart, G., Wayne, R.K., *et al.* 2004. SNPs in Ecology, Evolution and Conservation. *Trends in Ecology and Evolution*. 19(4).
- Mullis, K., Faloona, F., Scharf, S., Saiki, R., Horn, G., Erlich, H. 1986. *Specific Enzymatic Amplification of DNA In Vitro: the Polymerase Chain Reaction*. Cold Spring Harb Symp Quant Biol.
- Montaldo, H.H., and Herrera, C.A.M. 1998. Use of Molecular Markers and Major Genes in the Genetic Improvement of Livestock. EJB Universidad Catolica de Valparaso-Chili. *J. Biotechnol.* 1: 83-89.
- Nathans, D. and Smith, H.O. 1975. Restriction Endonucleases in the Analysis and Restructuring of DNA Molecules. *Annu. Rev. Biochem.* 44: 273-293.
- NCBI. 2014. Restriction Fragment Length Polymorphism (RFLP). <http://www.ncbi.nlm.nih.gov/probe/docs/techrflp/>. Diakses pada 12 April 2016.
- NEB. 2012. *HphI*. <https://www.neb.com/>. Diakses pada 9 Mei 2016.
- NEB. 2012. *MseI*. <https://www.neb.com/>. Diakses pada 27 Maret 2017.

- Nei, M. And Kumar, S. 2000. *Molecular Evolution and Phylogenetics*. Oxford University Press. New York.
- Nesty, R., Tjong, D.J., dan Herwina, H. 2013. Variasi Morfometrik Kodok *Duttaphrynus melanostictus* (Schneider, 1799) (Anura: Bufonidae) di Sumatera Barat yang Dipisahkan oleh Bukit Barisan. *J. Bio. UA*. 2(1): 37-42.
- Nguyen, V.S., Ho, C.T., and Nguyen, T.Q. 2005. *A Checklist of the Amphibians and Reptiles of Vietnam*. Nha Xuat Ban Nong Nghiep. Hanoi, Vietnam
- Novia, Sanjaya, M., dan Gusman, D. 2015. Distribusi Vertikal Anura di Gunung Seblat Kabupaten Lebong, Bengkulu. *Prosiding Semirata 2015 bidang MIPA BKS-PTN Barat Universitas Tanjungpura Pontianak*. Hal 173 – 178.
- Ota, M., Asamura, H., Oki, T., Sada, M. 2009. Restriction Enzyme Analysis of PCR Products. *Methods Mol Biol*. 578 : 405-414.
- Palo, U.J. and Merila. 2003. A simple RFLP Method for Identification of Two Rapid Frogs. *Conservation Genetics*. 4: 801–803.
- Pray, L.A. 2008. *Restriction enzymes*. <http://www.nature.com/scitable/topicpage/Restriction-Enzymes-545>. Diakses pada 30 Mei 2017.
- Putra, K., Rizaldi, dan Tjong, D.H. 2012. Komunitas Anura (Amphibia) pada Tiga Tipe Habitat Perairan di Kawasan Hutan Harapan Jambi. *Jurnal Biologi Universitas Andalas (J. Bio. UA)*. 1(2): 156-165.
- Rasmussen, H.B. 2012. *Restriction Fragment Length Polymorphism Analysis of PCR-Amplified Fragments (PCR-RFLP) and Gel Electrophoresis-Valuable Tool for Genotyping and Genetic Fingerprinting*. <http://www.intechopen.com/>. Diakses pada 9 Oktober 2015.
- Rojas, M.I. Gonzalez, V., Fajardo, I., Martin, P.E., Hernandez, T., Garcia, and Martin, R. 2009. Identification of raw and heat-processed meats from game bird species by polymerase chain reaction-restriction fragment length polymorphism of the mitochondrial D-loop region. *Poultry Science*. **88**: 669-679.
- Rojas, M.R., Gilbertson, R.L., and Maxwell, D.P. 1993. Use of Degenerate Primers in the Polymerase Chain Reaction to Detect Whitefly-transmitted geminiviruses. *J. Plant Dis*. 77: 477-485.
- Roberts, R.J. and Macelis, D. 2001. REBASE-Restriction Enzymes and Methylases. *Nucl. Acids Res*. 29: 268-269.
- Roux, K.H. 2009. Optimization and Troubleshooting in PCR. *Cold Spring Harbour Laboratory Press*. 4(4): 1-6

- Sanger, F., Nicklen, S., and Coulson, A.R. 1977. DNA Sequencing with Chain-Terminating Inhibitors. *Proc Natl Acad Sci USA*. 74(12): 5463-5467.
- Semagn, K., Bjornstad, A., Ndjioudjop, M.N. 2006. An Overview of Molecular Marker Methods for Plants. *Afr. J. Biotechnol.* 5(25): 2540-2568.
- Stellwagen, N.C. and Stellwagen, E. 2009. Effect of the Matrix on DNA Electrophoretic Mobility. *J Chromatogr A*. 1216(10): 1917-1929.
- Sumida, M., Kondo, Y., Kanamori, Y., and Nishioka, M. (2002) Inter and intraspecific Evolutionary Relationships of the Rice Frog *Rana limnocharis* and the Allied Species *R. Cancrivora* inferred from crossing experiments and mitochondrial DNA sequences of the 12S and 16S rRNA genes. *Mol. Phylogenet. Evol.* 25: 293–305.
- Suntrarachun, S., Chanhom, L., Thaweekarn, W., Sumontha, M. 2014. Molecular Identification of Venomous Snakes in Thailand using PCR-RFLP. *Int. J. Pure App. Biosci.* 2 (1): 133-138.
- Syvanen, M. 1990. Migrant DNA in the Bacterial World. *Cell*. 60: 7-8.
- Teletchea, F. 2009. Molecular Identification Methods of Fish Species: Reassessment and Possible Applications. *Rev Fish Biol Fisheries*. 19: 265–293.
- Teynie, A., David, P., Ohler, A. 2010. Note on a Collection of Amphibians and Reptiles from Western Sumatra (Indonesia), with the Description of a New Species of the Genus *Bufo*. *Zootaxa*. 2416: 1-43.
- Thermo Scientific. 2016. *HphI*. <http://www.thermoscientific.com/>. Diakses pada 9 Mei 2016.
- Thermo Scientific. 2016. *TruII (MseI)*. <http://www.thermoscientific.com/>. Diakses pada 9 Mei 2016.
- Thorne, J.L., Kishino, H., and Painter, I.S. 1998. Estimating the Rate of Evolution of the Rate of Molecular Evolution. *Mol. Biol. Evol.* 15: 1647-1657.
- Van Kampen, P. N. 1923. The Amphibia of the Indo-Australian Archipelago. E.J Brill, Ltd. Leiden.
- Wanda, I.F., Novarino, W., dan Tjong, D.H. 2012. Jenis-Jenis Anura (Amphibia) di Hutan Harapan, Jambi. *Jurnal Biologi Universitas Andalas (J. Bio. UA.)* 1(2): 99-107.

Wanger, T.C., Motzke, I., Saleh, S., dan Iskandar, D.T. 2011. The Amphibians and Reptiles of the Lore Lindu National Park area, Central Sulawesi, Indonesia. *Salamandra*. 47(1) 17-29.

Wilson, A.C., Cann, R.L., Carr, S.M., George, M., Gyllensten, U.B., Helm-Bychowski, K.M., Higuchi, R.G., Palumbi, S.R., Prager, E.M., Sage, R.D., Stoneking, M. 1985. Mitochondrial DNA and two perspectives on evolutionary genetics. *Biological Journal of the Linnean Society*. 26: 375-400.

Wolf, C., Burgener, M., Hukbner, P., Lukthy, J. 2000. PCR-RFLP Analysis of Mitochondrial DNA: Differentiation of Fish Species. *Lebensm. Wiss. u.-Technol.* 33: 144-150.

Zhang, R., Zhu, Z., Zhu, H., Nguyen, T., Yao, F., Xia, K., Liang, D. and Liu, C. 2005. SNP Cutter: A Comprehensive Tool for SNP PCR-RFLP Assay Design. *Nucl. Acid Res.* 33: 489-492.

