

## DAFTAR PUSTAKA

- Ahluwalia, K. B. 2009. *Genetics Secon Edition*. New Age International (P) Limited Publishers. New Delhi, India.
- Albecker, M. A. McCoy, M. W. 2017. Adaptive responses to salinity stress across multiple life stages in anuran amphibians. *Front Zool.* 14: 40.
- Alberts, B., Johnson. A., Lewis. L., Raff. M., Roberts. K., Walter. P. 2008. *Molecular Biology Of The Cell Fifth Edition*. Garland science, Taylor & Francis Group, LLC, an informa business, 270 Madison Avenue, New York. Hal 258.
- Alman, M. 2016. Analisis Variasi Genetik *Fejervarya limnocharis* (Gravenhorst, 1829) (Anura: Ranidae) di Sumatera Barat Dengan Teknik RAPD. [Skripsi]. Jurusan Biologi FMIPA Universitas Andalas, Padang.
- Andersen, L. W., Fog. K., Damgaard. C. 2004. Habitat Fragmentation Causes Bottlenecks and Inbreeding in The European Tree Frog (*Hyla arborea*). *Proc. R. Soc. Lond. B.* 271: 1293–1302.
- Bagley, M. J., E. Susan, S. E. Franson, S. A. Christ, E. R., Waits G. P. Toth. 2002. *Genetic Diversity as an Indicator of Ecosystem Condition and Sustainability: Utility for Regional Assessments of Stream Condition in the Eastern United States*. U.S. Environmental Protection Agency, Cincinnati, OH.
- Bretagnolle, V. C, Attie, E. Pasquet. 1998. Cytochrome b-evidence for Validity and Phylogenetic Relationship of *Pseudobulweria* and *Bulweria*. *The Auk American University in Kyrgyzstan.* 155 (1): 188-195.
- Burland, T. G. 2000. DNASTAR's Lasergence Sequence Analysis Software. *Methods Mol Biol.* 132: 71-91.
- Campbell, N. A., J. B. Reece, L.G. Matchell. 2003. *Biologi Jilid II*. Erlangga. Jakarta.
- Diouf, J. 2007. *The State of the World's Animal Genetic Resources for Food and Agriculture*. Rome, Italy.
- Dubois, A., Ohler A. 2000. Systematics of *Fejervarya limnocharis* (Gravenhorst, 1829) (Amphibia, Anura, Ranidae) and related species. 1. Nomenclatural

status and type-specimens of the nominal species *Rana limnocharis* (Gravenhorst, 1829) *Alytes* 18: 15–50

Esposti, M. D., S. De Vries. M. Crimi, A. Ghelli, T. Patarnello, dan A. Meyer. 1993. Mitochondrial cytochrome b: evolution and structure of the protein. *Biochem.Biophys. Acta* 1143:243-27

Farias, I. P., G. Orti, I. Sampaio, H. Schneider and A. Meyer, 2001. The cytochrome b gene as a phylogenetic marker: the limits of resolution for analyzing relationship among Cichlid fishes. *J. Mol. Evol.*, 53: 89-103.

Fauzan. 2011. Differensiasi Morfometrik *Fejervarya limnocharis* (Gravenhorst, 1829) Di Sumatera. [Tesis]. Jurusan Biologi FMIPA Universitas Andalas, Padang.

Freeland, J. R. 2005. *Molecular Ecology*. Open University. England.

Funk, W. C., M. S. Blouin, P. S. Corn, B. A. Maxell, D. S. Pilliod, S. Amish and F.W. Allendorf. 2005. Population Structure of Columbia Spotted Frogs (*Rana luteiventris*) is Strongly Affected by The Landscape. *Molecular Ecology*, 14: 483-496.

Gales, N., M. Hindell, R. Kirkwood. 2003. *Marine Mammals*. Fisheries, Tourism and Management Issues. CSIRO Publishing. Australia.

Gravenhorst JLC. 1829. *Deliciae Musei Zoologici Vratislaviensis*. Fasciculus Primus continens Chelonios et Batrachia. Leopold Voss, Lipsiae.

Griffiths. A. J. F., Miller. J. H., Suzuki. D. T., Lewontin. R. C., Gelbart. W. M. 2000. *An Introduction to Genetic Analysis, 7th edition*. W. H. Freeman. New York.

Hall, T. A. 1999. BioEdit: A User-Friendly Biological Sequence Alignment Aditor and Analysis Program for Windows 95/98/NT. Nucleic Acid Symposium Series. Vol 41 : 95-98.

Harrison, I., M. Laverty and E. Sterling. 2004. *Genetic Diversity. Connexions module*: m12158.

Hartl, D. L., and Jones, E. W. 1998. *Genetics Principles and Analysis Fourth Edition*. Jones and Bartlett Publishers. Canada.

Hurzaid, A., Jaafar, I., Awang, Z., Nor, S., A. M. 2014. Genetic Structure of The Asian Grass Frog, *Fejervarya limnocharis* (Amphibia: Anura: Dic平glossidae) of Peninsular Malaysia: A Preliminary Report. *Zoological Studies*. 53: 77.

- Hsu, F. H., Shin, N. T., Ni, I. H., and Shao, K. T., 2009. Speciation And Population Struvture Of Three *Trichiurus* Species Based On Mitochondrial DNA. *Zool. Stud.* 48 (6) 835-849.
- Inger, R. F & R. B. Stuebing. 2005. Frogs of Borneo. *Natural History Publication (Borneo)*. Kota Kinabalu. (vii) 201
- Irwin D.M, Kocher T.D, And Wilson A.C. 1991. Evolution of The Cytochrome b Gene of Mammals. *Journal of Molecular Evolution*. *J Mol Evol*. 32:128-144.
- Iskandar, D., T. 1998. *The Amphibians of Java and Bali*. LIPI, Yayasan Kehati, Bogor.
- Iskandar, D, T., Colijn, E. 2000. Preliminary checklist of Southeast Asian and New Guinean herpetofauna. I. Amphibians. *Treubia* 31: 1–134
- IUCN. 2004. *Fejervarya limnocharis*. [www.iucnredlist.org](http://www.iucnredlist.org). 19 September 2017
- IUCN. 2017. *Fejervarya limnocharis*. [www.iucnredlist.org](http://www.iucnredlist.org). 26 September 2017
- Jerry, D. R., Preston, N. P., Peter, J. C., Sandy, K., Meadows, J. R. S., Yutao, L., 2004. Parentage determination of Kuruma shrimp *Penaeus (Marsupenaeus) japonicus* Using Microsatellite Markers (Bate). *Aquaculture* 235, 237 – 247.
- Johns, G. C. and Avise, J. C. 1998. A comparative summary of genetic distances in the vertebrates from the mitocondrial cytochrome b Gene. *Mol. Biol. Evol.*, 15: 1481-1490.
- Joshi, M. and Deshpande J. D., 2010. Polymerase Chain Reaction : Methods, Principles And Application. *International Journal of Biomedical Research*. (5) 81-97.
- Kotaki, M, Kurabayashi. A, Matsui. M, Kuramoto. M, Djong. T. H, and Sumida M. 2010. Molecular Phylogeny of the Diversified Frogs of Genus *Fejervarya* (Anura: Dic平glossidae). *Zoological Science*, 27(5):386-395.
- Kumazawa, Y. and Nishida M., 2000. Molecular phylogeny of Osteoglossoids: a new model for Gondwanian origin and plate tectonic transportation of the Asean Arowana. *Mol. Biol. Evol.*, 17(2): 1869-1878.
- Kurabayashi A, Sumida M .2009. PCR Primers For The Neobatra-Chian Mitochondrial Genome. *Curr Herpetol*. 28: 1–11
- Kurniati, H. 2006. The Amphibians Species In Gunung Halimun National Park West Java Indonesia. Research Center for Biology, *Indonesian Institute of Sciences (LIPI)*. 15 (2) : 107 – 120.

Kurniati, H. 2011. *Fauna Indonesia*. Pusat Penelitian Biologi - LIPI Bogor, Gd. WidyaSatwaloka, Cibinong. Bogor.

Kurniawan, N., M.M. Islam, T.H. Djong, T. Igawa, D.M. Belabut, H.S. Yong, R. Wanichanon, M.M.R. Khan, D.T. Iskandar, M. Nishioka & M. Sumida 2010. Genetic divergence and evolutionary relationship in Fejervarya cancrivora from Indonesia and other Asian countries inferred from allozyme and mtDNA sequence analyses. *Zoological Science*. 27: 222–233.

Kurniawan, N. H. T. Djong. T. Meideliza. A. Hamidy. M. Hasan, T. Igawa and M. Sumida. 2014. Genetic Divergence and Geographic Distribution of Frogs in Genus Fejervarya from Indonesia Inferred from Mitochondrial 16s rRNA Gene Analysis. *Treubia* 41:1-16

Kvist, L. Phylogeny and Phylogeography of European Parids. 2000. Department of Biology, University of Oulu, FIN-90401 Oulu, Finland. *Acta Univ. Oul. A* 341.

Larkin, M. A., Blackshields, G., Brown, N. P., Chenna, R., McGgettigan, P. A., McWilliam, H., Wallace, I. M., Wilm, A., Lopez, R., Thompson, J. D., Gibson, T. J., Higgins, D. G. 2007. Clusal W and Clustal X version 2.0. *Bioinformatics*. 23, 2947-2948.

Linacre, A. 2009. *Forensic Science in Wildlife Investigations*. CRC Press. Amerika.

Liu Z.J, Cordes J.F. 2005. The mitochondrial genome organization of the rice frog, *Fejervarya limnocharis* (Amphibia: Anura): a new gene order in the vertebrate mtDNA. *Gene*. 346 (2005) 145–151

Malkmus, R., Manthey, U., Vogel, G., Hoffmann, P., Kosuch, J. 2002. *Amphibians & Reptiles Of Mount Kinabalu (North Borneo)*. Koeltz Scientific Books, Germany.

Marle-Koster. E, and Nel. L. H. 2003. Genetic Markers and Their Application Livestock Breeding South Africa Areview. *South African Journal of Animal Science*. (1) 33.

Moslehi, T., M. Mahdieh, A. Shayestehfar and S. M. Talebi. 2015 Genetic Diversity of *Rana(Pelophylax) ridibunda* and *Bufo (Pseudepidelea) viridis* in diffetent populations. *Biodiversias* Vol.16 No.2 Pages:128-131.

Nei, M., and Tajima, F. 1981. DNA Polymorphism Detectable by Restriction Endonucleases. *Genetics*. 97:145

Nollet, L. M. L., Toldra, F. 2011. *Safety Analysis of Foods of Animal Origin*. New York: CRC Press.

- Palo, J. U., O'Hara, R. B., Laugen, A. T., Laurilia, A., Primmers, C. R., Merila, J. 2003. Latitudinal Divergence Of Common Frog (*Rana temporaria*) Life History Traits By Natural Selection: Evidence From A Comparison Of Molecular And Quantitative Genetic Data. *Molecular Ecology*, 12: 1963–1978.
- Pierce, B. A. 2002. *Genetics A Conceptual Approach*. Paperback. Book Condition, United Kingdom.
- Pruitt, K., Brown, G., Tatusova, T., Maglott, D. 2012. *The NCBI Handbook Chapter 18 The Reference Sequence (RefSeq) Database*. Available Online: <https://www.ncbi.nlm.nih.gov/books/NBK21091/>.
- Rapley, R dan Whitehouse, D. 2007. Molecular Forensics. John Wiley & Sons Ltd. England
- Reece, J. B, Urry, L. A., Cain, M. L., Wasserman, S. A., Minorsky, P. V., Jackson, R. B. *Campbell Biology Tenth Edition*. 2013. Pearson Education, Inc. United States of America. Hal 355
- Rodriguez, A., Poth, D., Schulz, S., Gehara, M., Vences, M. 2013. Genetic diversity, phylogeny and evolution of alkaloid sequestering in Cuban miniaturized frogs of the Eleutherodactylus limbatus group. *Molecular Phylogenetics and Evolution*. (2013)
- Rozas, J., Sanches Del Barrio J. C., Messeguer, Rozas, X. R. 2003. DnaSP, DNA Polymorphism Analyses By The Coalescent and Other Methods. *Bioinformatics*. 19: 2496-2497.
- Smith M. A. and D. M. Green. 2006. Sex, isolation and Fidelity: Unbiased Long-Distance Dispersal in a Terrestrial Amphibian. *Ecography* 29: 649-658
- Sumida, M., Kotaki, M., Kurabayashi, A., Matsui, M., Khonsue, W., Tjong, D. H., and Tandon, M. 2007. Evolutionary Relationships and Reproductive Isolating Mechanisms in the Rice Frog (*Fejervarya limnocharis*) Species Complex from Sri Lanka, Thailand, Taiwan and Japan, Inferred from mtDNA Gene Sequences, Allozymes,. *Zoological Science* 25: 547-562.
- Thammachoti, P., Khonsue, W., Kitana, J., Varanusupakul, P., and Kitana, N. 2012. Morphometric and Gravimetric Parameters of the Rice Frog *Fejervarya limnocharis* Living in Areas with Different Agricultural Activity. *Journal of Environmental Protection*. 3 : 1403-1408.
- Thangaraj, M., Lipton, A. P., 2010. Genetic identity of three Indian population of three spotted seahorse, *Hippocampus trimaculatus*. *Adv. Biol. Res.* 4 (1) 37-41.

Tjong, D., H., Matsui, M., Kuramoto, M., Belabut, D. M, Sen, Y. H., Nishioka, M., Sumida, M. 2007. Morphological Divergence, Reproductive Isolating Mechanism, and Molecular Phylogenetic Relationships Among Indonesia, Malaysia, and Japan Populations of the *Fejervarya limnocharis* Complex (Anura, Ranidae). *Zoological Society of Japan*. 24(12).

Van Dijk, P. P., Iskandar, D., Inger, R., Neng Lau MW, Ermi, Z., Baorong, G., Dutta, S., Manamendra-Arachchi, K., de Silva, A., Bordoloi, S., Kaneko, Y., Matsui, M. Sharif Khan M. 2004. *Fejervarya limnocharis*. IUCN Red List of Threatened Species. [www.iucnredlist.org](http://www.iucnredlist.org). Diakses 7 September 2017.

Veith, M., J. Kosuch. A. Ohler, and A. Dubois. 2001. Morphological and Molecular variation in Frog from The Greater Sunda Islands (Sumatera, Java, Borneo) with The Definition of Two Species. 2. Morphological and molecular variation in frogs from the Greater Sunda Islands (Sumatra, Java, Borneo) with the definition of two species. *Alytes*. 19(1): 5-28

Whitten, T., S, J. Damanik, J. Anwar, N. Hisyam. 1997. *The Ecology of Sumatra. The Ecology of Indonesia Series Vol. 1*. Oxford University Press.

Weissensteiner, T., Griffin, H. G., and Griffin, A. M. 2004. *PCR Technology : Current Innovations*. Boca Raton, FL: CRC Press.

Wetton. J.H, Gemma. L.B, Tsang. C.S.F, Roney. C.A, Powell. S.L, and Spriggs. A.C. 2001. *Generation of a Species-Specific DNA Sequence Library of British Mammals*. The Joint Nature Conservation Committee The Environment and Heritage Service, Northern Ireland.

Yuwon, T. 2005. *Biologi Molekuler*. Penerbit Erlangga. Jakarta. Hal 59 – 60.

Zehender, M., G. Breithardt, and H. Just. 2000. *From Molecule to Men, Molecular Basis of Congenital Cardiovascular Disorders*. Darmstadt, Steinkopff, Springer. Newyork.