

DAFTAR PUSTAKA

- Ahluwalia, B.K. 2009. *Genetics Second Edition*. New Age International Publishers. New Delhi, India.
- Albert, B., A. Johnson, J. Lewis, M. Raff, K. Roberts, dan P. Walter. 2008. *Molecular Biology of The Cell Fifth edition*. Garland Science, Taylor & Francis Group, LLC, an informa business, 270 Madison Venue. New York, USA.
- Alman, M. 2016. Analisis Variasi Genetik *Fejervarya limnocharis* (Gravenhorst, 1829) (Anura : Ranidae) Di Sumatera Barat dengan Teknik RAPD. *Skripsi Sarjana Biologi FMIPA Universtas Andalas*. Padang.
- Andersen, L.W., K. Fog, dan C. Damgaard. 2004. Habitat Fragmentation Causes Bottlenecks and Inbreeding in the European Tree Frog (*Hyla arborea*). *Proc. Royal Society Lond. Vol. 271* : 1293-1302.
- Amphibia Web. 2018. *Fejervarya cancrivora Crab-Eating Frog*. <https://amphibiaweb.org>. Diakses pada 02 Januari 2018.
- Arian, P., I.M. Artika, dan S. Falah. 2016. Amplification and Analysis of Cytochrome Oxidase I of *Polypedates leucomystax* from Bogor Agricultural University Area. *Current Biochemistry Vol. 3 (1)* : 13-19.
- Asakawa, S., Y. Kumazawa, T. Araki, H. Himeno, K. Miura, dan K. Watanabe. 1991. Strand-Specific Nucleotide Composition Bias in Echinoderm and Vertebrate Mitochondrial Genomes. *Journal of Molecular Evolution* 32 : 511-520.
- Badan Pusat Statistik. 2018. *Provinsi Sumatera Barat dalam Angka 2018*. BPS Provinsi Sumatera Barat. Sumatera Barat.
- Badan Pusat Statistik Kab. Lima Puluh Kota. 2018. *Kabupaten Lima Puluh Kota dalam Angka 2018*. BPS Kab. Lima Puluh Kota. Lima Puluh Kota.
- Badan Pusat Statistik Kab. Padang Pariaman. 2018. *Kabupaten Padang Pariaman dalam Angka 2018*. BPS Kab. Padang Pariaman. Padang Pariaman.
- Badan Pusat Statistik Kab. Pasaman. 2018. *Kabupaten Pasaman dalam Angka 2018*. BPS Kab. Pasaman. Pasaman.
- Badan Pusat Statistik Kab. Pesisir Selatan. 2018. *Kabupaten Pesisir Selatan dalam Angka 2018*. BPS Kab. Pesisir Selatan. Pesisir Selatan.

- Badan Pusat Statistik Kab. Sijunjung. 2018. *Kabupaten Sijunjung dalam Angka 2018*. BPS Kab. Sijunjung. Sijunjung.
- Badan Pusat Statistik Kota Padang. 2018. *Kota Padang dalam Angka 2018*. BPS Kota Padang. Padang.
- Bingpeng, X., L. Heshan, Z. Zhilan, W. Chunguang, W. Yanguo, dan W. Jianjung. 2018. DNA Barcoding for Identification of Fish Species in Taiwan Strait. *Plos One* 13 (6) : 1-13.
- Bi, X., L. Huang, M. Jing, P. Feng, dan A. Wang. 2012. The Complete Mitochondrial Genome Sequence of The Black-Capped Capuchin (*Cebus apella*). *Genetics and Molecular Biology* 35 (2) : 545-552.
- Burland, T.G. 2000. DNASTAR's Lasergene Sequence Analysis Software. *Bioinformatics Methods and Protocols Vol. 132* : 71-91.
- Campbell, N.A., J.B. Reece, L.A. Urry, M.L. Cain, S.A. Wasserman, P.V. Minorsky, dan R.B. Jackson. 2008. *Biology Eight Edition*. Pearson Education Inc. USA.
- Chang, K.C. 1989. The Neolithic Taiwan Strait. *Kaogu* 6 : 541-550.
- Che, J., H-M. Chen, J-X. Yang, J-Q. Jin, K. Jiang, Z-Y. Yuan, R.W. Murphy, dan Y-P. Zhang. 2012. Universal COI Primers for DNA Barcoding Amphibians. *Molecular Ecology Resources* 12 : 247-258.
- Chen, G-Y., B. Wang, J-Y. Liu, J-P. Jiang, dan P. Gao. 2019. Population Genetic Diversity of An Odorous Frog *Odorrana grahami* (Amphibia: Anura: Ranidae) in Relation to Conservation Based on Mitochondrial DNA. *Mitochondrial DNA Part B Vol. 4 No. 1* : 57-61.
- Copeland, W.C. 2002. *Methods in Molecular Biology™ Volume 197 : Mitochondrial DNA Methods and Protocols*. Humana Press Inc. Totowa.
- Dailami, M., I.M. Artika, M.D. Kusriani, dan D. Safari. 2016. Phylogenetic Analysis of Cytochrome Oxidase I from Buduk Toads *Duttaphrynus melanostictus* and *Phrynoidis asper* from Bogor. *Current Biochemistry* Vol. 3 (2) : 54-65.
- Deichmann, J. L., D. G. Mulcahy., H. Vanthomme., E. Tobi., A. H. Wynn., B. M. Zimkus & R. W. McDiarmid. 2017. How Many Species and Under What Names? Using DNA Barcoding and Genbank Data for West Central African Amphibian Conservation. *Plos one*.12(11):1-38.

- Feng, W., Q. Li, L. Kong, dan X. Zheng. 2011. DNA Barcoding : COI-based DNA Barcoding of Arcoidea Species (Bivalvia : Pteriomorpha) Along The Coast of China. *Molecular Ecology Resources* 11 : 435-441.
- Funk, W.C., M.S. Blouin, P.S. Corn, B.A. Maxel, D.S. Pilliod, S. Amish, dan F.W. Allendorf. 2005. Population Structure of Columbia Spotted Frogs (*Rana luteiventris*) is Strongly Affected by the Landscape. *Molecular Ecology* Vol. 14 : 483-496.
- Grant, W. S & B. W. Bowen. 1998. Shallow Population Histories in Deep Evolutionary Lineages of Marine Fishes: Insights From Sardines and Anchovies and Lessons For Conservation. *The American Genetic Association*. 89 (5) : 415-426.
- Hall, T.A. 1999. BioEdit : a User-Friendly Biological Sequence Alignment Editor and Analysis Program for Windows 95/98/NT. *Nucleic Acids Symposium Series No. 41* : 95-98.
- Hajibabaei, M., M.A. Smith, D.H. Janzen, J.J. Rodriguez, J.B. Whitfield, dan P.D.N. Hebert. 2006. A Minimalist Barcode can Identify a Specimen whose DNA is Degraded. *Molecular Ecology Notes* 6 : 959-964.
- Hebert, P.D.N., A. Cywinska, S.L. Ball, dan J.R. deWaard. 2003. Biological Identification through DNA Barcodes. *The Royal Society Lond B*. 270 : 313-321.
- Hendri, W., D.H. Tjong, dan D.I. Roesma. 2019. Genetic Variation of *Limnonectes blythii* (Anura : Dicroglossidae) Using RAPD (Random Amplified Polymorphic DNA) Analysis in West Sumatra. *International Journal of Zoological Research* 15 (1) : 1-5.
- Hidayati, E. Saleh, dan T. Aulawi. 2016. Identifikasi Keragaman Gen BMPR-1B (*Bone Morphogenetic Protein Receptor 1B*) pada Ayam Arab, Ayam Kampung dan Ayam Ras Petelur Menggunakan PCR-RFLP. *Jurnal Peternakan* Vol. 13 (1) : 1-12.
- Hildebrand, F., A. Meyer, dan A. Eyre-Walker. 2010. Evidence of Selection Upon Genomic GC-Content in Bacteria. *Plos Genetics* Vol. 6 Issue 9 : 1-9.
- Husna, M. 2017. Variasi Genetik *Fejervarya limnocharis* (Gravenhorst, 1859) (Anura:Dicroglossidae) Di Sumatera Berdasarkan Gen Sitokrom b. *Skripsi Sarjana Biologi FMIPA Universitas Andalas*. Padang.
- Inger, R.F. dan H.K. Voris. 2001. The Biogeographical Relations of the Frogs and Snakes of Sundaland. *Journal of Biogeography* 28 : 863-891.

- Irmawati. 2003. Perubahan Keragaman Genetik Ikan Kerapu Tikus (*Cromileptes altivelis*) Generasi Pertama pada Stok Hatchery. *Tesis Pascasarjana Magister Sains Prodi Ilmu Perairan Institut Pertanian Bogor*. Bogor.
- Iskandar, D.T. 1998. *Amfibi Jawa dan Bali*. Puslitbang Biologi-LIPI. Bogor.
- IUCN RedList. 2018. *The IUCN Red List of Threatened Species*. <http://www.iucnredlist.org>. Diakses tanggal 15 Februari 2019.
- Jang-Liaw, N. dan W. Chou. 2015. Anuran Fauna of Taiwan and Adjacent Islands Based on Valid Specimen Records. *Coll. And Res.* 28 : 5-53.
- Johnson, K.E. 1991. *The National Medical Series for Independent study : 2nd Edition Histology and Cell Biology*. Williams & Wilkins Publisher. USA.
- Kartavtsev., Y. P. 2011. Divergence at Cyt-B and Co-1 MtDNA Genes On Different Taxonomic Levels and Genetics of Speciation in Animals. *Mitochondrial DNA.* 22 (3): 55-65.
- Kumar, S., G. Stecher, dan K. Tamura. 2016. MEGA7 : Molecular Evolutionary Genetics Analysis version 7.0 for Bigger Datasets. *Oxford University Press on behalf of the Society for Molecular Biology and Evolution* : 1-11.
- Kurniati, H. 2015. Perkiraan Kepadatan Kodok *Fejervarya cancrivora* dari Hasil Tangkap Tahun 2014 di Persawahan Daerah Kabupaten Karawang, Kabupaten Indramayu, dan propinsi Banten. *Researchgate* : 1-3.
- Kurniawan, N., D.H. Tjong, M.M. Islam, T. Nishizawa, D.M. Belabut, Y.H. Sen, R. Wanichanon, I. Yasir, dan M. Sumida. 2011. Taxonomic Status of Three Types of *Fejervarya cancrivora* from Indonesia and Other Asian Countries Based on Morphological Observations and Crossing Experiments. *Zoological Science* 28 (1) : 12-24.
- Kurniawan, N., D.H. Tjong, T. Maideliza, A. Hamidy, M. Hasan, T. Igawa, dan 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.
- Kurniawan, N., M.M. Islam, D.H. Tjong, T. Igawa, M.B. Daicus, H.S. Yong, R. Wanichanon, M.M.R. Khan, D.T. Iskandar, M. Nishioka, dan M. Sumida. 2010. Genetic Divergence and Evolutionary Relationship in *Fejervarya cancrivora* from Indonesia and Other Asian Countries Inferred from Allozyme and MtDNA Sequence Analyses. *BioOne Research Evolved Zoological Science* 27 (3) : 222-233.

- Kusrini, D.A. dan R.A. Alford. 2006. Indonesia's Exports of Frog's Leg. *TRAFFIC Bulletin Vol. 21 No. 1* : 13-24.
- Kvist, L. 2000. Phylogeny and Phylogeography of European Parids. *Academic Dissertation, Faculty of Science, University of Oulu*. Finland.
- Larkin, M.A., G. Blackshields, N. P. Brown, R. Chenna, P. A. McGettigan, H. McWilliam, I. M. Wallace, A. Wilm, R. Lopez, J. D. Thompson, T. J. Gibson, dan D.G. Higgins. 2007. Clusal W and Clusal X version 2.0. *Bioinformatics Vol. 23 (21)* : 2947-2948.
- Laumonier, Y. 1997. *The Vegetation and Physiography of Sumatra*. Kluwer Academic Publishers. Netherlands.
- Lomolino, M. 2000. A Call for a New Paradigm of Island Biogeography. *Global Ecology & Biogeography 9* : 1-6.
- Lunt, D.H., D.X. Zhang, J.M. Szymura, dan G.M. Hewitt. 1996. The Insect Cytochrome Oxidase I Gene : Evolutionary Patterns and Conserved Primers for Phylogenetic Studies. *Insect Molecular Biology 5 (3)* : 159-165.
- Nesty, R., D.H. Tjong, dan H. Herwina. 2013. Variasi Morfometrik Kodok *Duttaphrynus melanostictus* (Schneider, 1799) (Anura : Bufonidae) di Sumatera Barat yang Dipisahkan oleh Bukit Barisan. *Jurnal Biologi Universitas Andalas (J. Bio. UA.) 2 (1)* : 37-42.
- Oliveira, P.J. 2018. *Mitochondrial Biology and Experimental Therapeutics*. Springer International Publishing. Switzerland.
- Oromi, N., A. Richter-Boix, D. Sanuy, dan J. Fibla. 2012. Genetic Variability in Geographic Populations of The Natterjack Toad (*Bufo calamita*). *Ecology and Evolution* : 1-9.
- Oosterze, P.V. 1997. *Where World Collide : The Wallace Line*. Cornell University Press. New York.
- Pai, A.C. dan M. Apandi. 1985. *Dasar-Dasar Genetika Edisi Kedua*. Erlangga. Jakarta.
- Pertiwi, R. 2018. Analisis Variasi Genetik *Amnirana nicobariensis* (Stoliczka, 1870) (Anura : Ranidae) Di Sumatera Barat Berdasarkan Sitokrom Oksidase Subunit I (COI). *Skripsi Sarjana Biologi FMIPA Universitas Andalas*. Padang.

- Pierce, B.A. 2002. *Genetics A Conceptual Approach*. Paperback Book Condition. United Kingdom.
- Possingham, H.P., M.A. McCarthy, dan D.B. Lindenmayer. 2013. Population Viability Analysis. *Encyclopedia of Biodiversity* Vol. 6 : 210-219.
- Rachmat, H.H., A. Susilowati, D. Elfiati, K.S. Hartini, dan W.N. Faradillah. Short Communication : Strong Genetic Differentiation of The Endemic Rosin-Producing Tree *Styrax sumatrana* (Styracaceae) in North Sumatra, Indonesia. *Biodiversitas* Vol. 18 (4) : 1331-1335.
- Ren, Z., B. Zhu, E. Ma, J. Wen, T. Tu, Y. Cao, M. Hasegawa, dan Y. Zhong. 2009. Complete Nucleotide Sequence and Gene Arrangement of the Mitochondrial Genome of the Crab-Eating Frog *Fejervarya cancrivora* and Evolutionary Implications. *ELSEVIER Gene* 441 : 148-155.
- Rozas, J. 2009. DNA Sequence Polymorphism Analysis Using DnaSP. *Bioinformatics for DNA Sequence Analysis* 537 : 337-350.
- Sanchez-Montez, G., J. Wang, A.H. Arino, dan I. Martinez-Solano. 2017. Mountains as Barriers to Gene Flow in Amphibians : Quantifying the Differential Effect of A Major Mountain Ridge on the Genetic Structure of Four Sympatric Species with Different Life History Traits. *Journal of Biogeography* 45 : 318-331.
- Su, H., L-J. Qu, K. He, Z. Zhang, J. Wang, Z. Chen, dan H. Gu. 2003. The Great Wall of China : a Physical Barrier to Gene Flow?. *Heredity* 90 : 212-219.
- Suriana dan Nasaruddin. 2016. Karakteristik Parsial Gen Sitokro-C Oksidase Subunit-I Katak Pohon Suaka Marga Satwa Tanjung Peropa Moramo, Sulawesi Tenggara. *Jurnal Veteriner* Vol. 17 No. 4 : 517-523.
- Tinghui, M. 2009. Nature and Environment of The Hainan Province of China. *Ann.Rep. Res. Environ* 17 : 141-149.
- Tjong, D.H. 2003. Hubungan Filogenetik Beberapa Spesies Limnonectes (Ranidae : Amphibia) yang terdapat di Sumatera Barat Didasarkan atas Gen 16S Ribosomal RNA. *Tesis Magister Program Studi Pascasarjana Biologi Institut Teknologi Bandung*. Bandung.
- Wang, I.J. dan G.S. Bradburd. 2014. Invited Reviews and Syntheses : Isolation by Environment. *Molecular Ecology* 23 : 5649-5662.
- Wang, I.J. dan K. Summers. 2010. Genetic Structure is Correlated with Phenotypic Divergence rather than Geographic Isolation in the Highly

Polymorphic Strawberry Poison-Dart Frog. *Molecular Ecology* 19 : 447-458.

Ward, R. D., T. S. Zemplak., B. H. Innes., P. R. Last & P. D. N. Hebert. 2005. DNA Barcoding Australia's Fish Species. *Philosophical Transactions of The Royal Society* 360 : 1847-1857.

Whitten, A.J., Damanik S.J., Anwar J., dan Hisyam N. 1987. *The Ecology of Sumatra*. Gadjah Mada University Press. Yogyakarta.

Wolstenholme, D.R. 1992. Animal Mitochondrial DNA : Structure and Evolution. *International Review of Cytology* Vol. 141 : 173-216.

Yodthong, S., B.L. Stuart, dan A. Aowphol. 2019. Species Delimitation of Crab-Eating Frogs (*Fejervarya cancrivora complex*) Clarifies Taxonomy and Geographic Distribution in Mainland Southeast Asia. *ZooKeys* 883 : 119-153.

Zainudin, R. dan N. Naim. 2018. Genetic Variation of The Bornean Fanged Frog, *Limnonectes kuhlii* Complex in Western Borneo (Amphibia : Anura : Dicroglossidae). *Malays. Appl. Biol.* 47 (1) : 73-80.

