



## DAFTAR PUSTAKA

- Abol-Munafi, A.B., Tam, B. M., Ambak, M.A., Ismail, P. 2004. Effect of different diets on growth and Survival rates of Snakehead [*Channa striata* (Bloch, 1793)] larvae. *Korean Journal of Biological Sciences*, **8** (4): 313-317. DOI: [10.1080/12265071.2004.9647766](https://doi.org/10.1080/12265071.2004.9647766)
- Ali, A.B. 1999. Aspects of the Reproductive Biology of Female Snakehead (*Channa striata* Bloch) Obtained from Irrigated Rice Agroecosystem, Malaysia. *Hydrobiologia*, **411**: 71-77
- Amilhat, B and Lorenzen, K. 2005. Habitat Use, Migration Pattern and Population dynamics of Chevron Snakehead *Channa striata* in a rainfed rice farming landscape. *Journal of Fish Biology*, **67**(supplement B): 23-24. DOI: [10.1111/j.1095-8649.2005.00927](https://doi.org/10.1111/j.1095-8649.2005.00927)
- Amos, W and Harwood, J. 1998. Factors Affecting Levels of Genetic Diversity in Natural Population. *Philosophical Transactions of The Royal Society of London series B*, **353**: 177-186
- Aprilyanto, V dan Sembiring, L. 2016. *Filogenetika Molekuler : Teori dan Aplikasi*. Innosain. Yogyakarta. Hal 45
- Aquino, L.M., Tango, J.M., Canoy, R.J., Fontanilla, I.K., Basiao, Z.U., Ong, P.S., Quilang, J.P. 2011. DNA barcoding of fishes of Laguna de Bay, Philippines. *Mitochondrial DNA*, **22**(4): 143-153.
- Arenas, M. 2015. Trends in substitution models of molecular evolution. *Frontiers in Genetics*, **6**:319. DOI: [10.3389/fgene.2015.00319](https://doi.org/10.3389/fgene.2015.00319)
- Archibald, J.M. 2015. Endosymbiosis and Eukaryotic Cell Evolution. *Current Biology* **25**: R911-R921.
- Arif, I.A., Khan, H.A., Bahkali, A.H., Al Homaidan, A.A., Al Fahran, A.H., Al Sadoon, M., Shobrak, M. 2011. DNA Marker Technology for Wildlife Conservation. *Saudi Journal of Biological Science*, **18**:219-225. DOI: [10.1016/j.sjbs.2011.03.002](https://doi.org/10.1016/j.sjbs.2011.03.002)
- Asfar, M., Tawali, A.B., Mahendradatta, M. 2014. Potensi Ikan Gabus (*Channa striata*) sebagai sumber Makanan Kesehatan Review. *Prosiding Seminar Nasional Teknologi Industri II*. ISBN: 978-602-14822-1-6



Barton, N.H. 2010. Mutation and the evolution of recombination. *Philosophical Transactions of the Royal Society*, **365**: 1281-1294. DOI: [10.1098/rstb.2009.0320](https://doi.org/10.1098/rstb.2009.0320)

Benziger, A., Philip, S., Raghavan, R., Anvar-Ali, P.H., Sukumaran, M., Tharian, J.C., Dahanukar, N., Baby, F., Peter, R., Devi, K.R., Radhakrishnan K.V., Haniffa M.A., Britz, R., Antunes, A. 2011. Unraveling a 146 years old taxonomic puzzle: validation of malabar snakehead, species-status and its relevance for channid systematics and evolution. *Public Library of Science one*, 6(6): E21272. DOI: [10.1371/journal.pone.0021272](https://doi.org/10.1371/journal.pone.0021272)

Bergstrom, D.E. 2001. *Haplotype. Encyclopedia Genetics*. Page 911-912. DOI: [10.1006/rwgn.2001.0584](https://doi.org/10.1006/rwgn.2001.0584)

Berry, V and Gascuel, O. 1996. On the Interpretation of Bootstrap Trees: Appropriate Threshold of Clade Selection and Induced Gain. *Molecular Biology and Evolution*, **13** (7): 999-1011. ISSN: 0737.4038

Bhat, A.A., Haniffa, M.A., Milton, M.J., Paray, B.A., Divya, P.R., Gopalakrishnan, A.. 2014. Genetic variation of striped snakehead (*Channa striatus* Bloch, 1793) populations using Random Amplified Polymorphic DNA (RAPD) markers. *International Journal of Biodiversity and Conservation*, 6(5): 363-372. DOI: [10.5897/IJBC2013.0649](https://doi.org/10.5897/IJBC2013.0649)

Billington, N and Hebert, P.D.N. 1991. Mitochondrial DNA Diversity in Fishes and its Implication for Introductions. *Canadian Journal of Fisheries and Aquatic Science*, **48** (Supplement 1): 80-94.

Bogenhagen, D.F., Rousseau, D., Burke, S. 2008. The Layered Structure of Human Mitochondrial DNA Nucleoids. *The Journal of Biological Chemistry*, **283** (6): 3665-3675. DOI: [10.1074/jbc.M708444200](https://doi.org/10.1074/jbc.M708444200)

Campbell, M.K., Farrell, S.O., McDougall, O.M. 2015. *Biochemistry 9nd Edn*. Cengage Learning. Australia. page 19

Carvalho, G.R. 1993. Evolutionary aspect of fish distribution: genetic variability and adaptation. *Journal of fish biology*, **43** (Supplement A): 53-57

Castro, J.A., Picornell, A., Ramon, M. 1998. Mitochondrial DNA: a tool for populational genetic studies. *International Microbiology*, **1**: 327-332

Chauhan, T and Rajiv, K. 2010. Molecular markers and their applications in fisheries and Aquaculture. *Advances in Biosciences and Biotechnology*, **1**: 281-291, DOI: [10.4236/abb.2010.14037](https://doi.org/10.4236/abb.2010.14037)



Çiftci, Y and Okumus, I. 2002. Fish Population Genetics and Application of Molecular Markers to Fisheries and Aquaculture: I-Basic Principles of Fish Population Genetics. *Turkish Journal of Fisheries and Aquatic Science*, **2**: 145-155

Clark, A.G. 2001. Population Genetics: Relation between Nuclotide Diversity and Recombination rate. *Encyclopedia in Genetics Sciencedirect*.

Clark, A.G. 2004. The Role of Haplotypes in Candidate Gene Studies. *Genetic Epidemiology*, **27**:321-333. DOI: [10.1002/gepi.20025](https://doi.org/10.1002/gepi.20025)

Courtenay, W.R and Williams, J.D. 2004. *Snakeheads (Pisces, Channidae)-A Biological Synopsis and Risk Assessment*. U.S Geological Survey Circular 1251. Florida

Dhar, B and Ghosh, S.K. 2015. Genetic assessment of ornamental fish species from North East India. *Gene*, **555**(2): 382-392.

Dahruddin, H., Hutama, A., Busson, F., Sauri, S., Hanner, R., Keith, P., Hadiaty, R., Hubert, N. 2016. Revisiting the ichthyodiversity of Java and Bali through DNA barcodes: taxonomic coverage, identification accuracy, cryptic diversity and identification of exotic species. *Molecular Ecology Resource*, **17**(2) : 288-299

de Vicente, M.C., Guzmán, F.A., Engels, J., Rao, V.R.. 2005. Genetic Characterization and its use in Decision making for The Conservation of Crop Germplasm. *The Role of Biotechnology*

Donkor, E.S., Dayie, N.T.K.D., Adiku, T.K. 2014. Bioinformatics with Basic Local Alignment Search Tool (BLAST) and fast Alignment (FASTA). *Journal of Bioinformatics and Sequence Analysis*, **6** (1): 1-6. DOI: [10.5897/IJBC2013.0086](https://doi.org/10.5897/IJBC2013.0086)

Edwards, N.C., Hing, Z.A., Perry, A., Blaisdell, A., Kopelman, D.B., Fathke R., Plum, W., Allen, J., Allen, C.E., Shapiro, G. S. A., Okunji, C., Kosti, I., Shomron, N., Grigoryan, V., Przytycka, T.M., Sauna, Z.E., Salari, R., Mandel-Gutfreund, Y., Komar, A.A., Kimchi-Sarfaty, C. 2012. Characterization of coding synonymous and non-synonymous variants in *ADAMTS13* using ex vivo and in silico approaches. *Public Library of Science one*. DOI: [10.1371/journal.pone.0038864](https://doi.org/10.1371/journal.pone.0038864)

Efron, B., Halloran, E., Holmes, S. 1996. Bootstrap confidence levels for phylogenetic trees. *Proceedings of the National Academy of Sciences USA*, **93**:7085-7090

FAO.org. 2017. Species Fact Sheets: *Channa striata*.  
<http://www.fao.org/fishery/species/3062/en> diakses tanggal 08 Januari 2018



Ferdausi, H.J., Roy, N.C., Ferdous, M.J., Hossain, M.A., Hasan, M.M., Trina, B.D., Mian, S., Iqbal, M.M., Munir, M.B., Hossain, M.M. 2015. Reproductive Biology of Striped Snakehead (*Channa striata*) from Natural Wetlands of Sylhet, Bangladesh. *Annals of Veterinary and Animal Science*, **2** (6). ISSN: 2313-5514

Fishbase.com. 2017. Genus : Channa. <http://www.fishbase.org/identification/SpeciesList.php?genus=Channa> diakses tanggal 08 Januari 2018

Furlan, E., Stoklosa, J., Griffiths, J., Gust, N., Ellis, R., Huggins, R.M., Weeks, A.R. 2012. Small Population Size and Extremely low levels of Genetic Diversity in Island Population of the Platypus, *Ornithorhynchus anatinus*. *Ecology and Evolution*. DOI: [10.1002/ece3.195](https://doi.org/10.1002/ece3.195)

Gascuel, O. 2003. Getting a Tree Fast: Neighbor Joining and Distance Based Methods, in Protocols in Bioinformatics. *John Wiley and Sons*, Inc. DOI: [10.1002/0471250953.bi0603s01](https://doi.org/10.1002/0471250953.bi0603s01)

Gill, M. 2014. Fast and Accurate Estimation of the Covariance between pairwise Maximum Likelihood distance. *PeerJ Journal*, **2**: e583. DOI: [10.7717/peerj.583](https://doi.org/10.7717/peerj.583)

Gonzales, M.J., Dugan, J.M., Shafer, R.W. 2002. Synonymous-non-synonymous mutation rates between sequences containing ambiguous nucleotides (Syn-SCAN). *Bioinformatics*, **18**(6): 886-887

Gray, W.G. 2012. Mitochondrial evolution. *Cold Spring Harbor Perspectives in Biology*, **4**: a011403, DOI: [10.1101/cshperspect.a011403](https://doi.org/10.1101/cshperspect.a011403)

Guerrero, R.D. 2014. Impact of Introduced Freshwater Fishes in the Philippines (1905-2013): A Review and Recomendations. *Philippine Journal of Science*, **143** (1): 49-59. ISSN: 0031-7683

Gustafsson, S. 2003. *Population Genetic Analyses in the Orchid genus Gymnadenia a conservation genetic perspective*. Uppsala University, Print&Media. Sweden.

Gustiano, R., Oktaviani, T., Soelistyowati, D.T., Kusmini, I.I., Wahyutomo, W., Huwoyon, G.H. 2013. Analisis Ragam Genotip RAPD dan Fenotip TRUSS Morfometrik pada Tiga Populasi Ikan Gabus [*Channa striata* (Bloch, 1793)]. *Berita Biologi*, **12**(3)

Harrison, R.G. 1989. Animal Mitochondrial DNA as a Genetic Marker in Population and Evolutionary Biology. *Trends in Ecology & Evolution*, **4** (1).



- Herborg, L-M., Mandrak, N.E., Cudmore, B.C., MacIsaac, H.J. 2007. Comparative Distribution and Invasion Risk of Snakehead (Channidae) and Asian Carp (Cyprinidae) species in North America. *Canadian Journal of Fisheries and Aquaculture Science*, **64**: 1723-1735. DOI: [10.1139/F07-130](https://doi.org/10.1139/F07-130)
- Hoffman, A.A and Hercus, M.J. 2000. Environmental stress as an evolutionary force. *BioScience*, **50**(3).
- Hughes, G.M and Munshi, J.S.D. 1986. Scanning Electron Microscopy of the Accessory Respiratory Organs of the Snake-headed fish, *Channa striata* (Bloch) (Channidae, Channiformes). *Journal of Zoology London*, **209**: 305-317
- Hutami, S., Mariska, I., Supriyati, Y. 2006. Peningkatan Keragaman Genetik Tanaman melalui Keragaman Somaklonal. *Jurnal AgroBiogen*, **2**(2): 81-88
- Irmawati., Tresnati, J., Nadiarti., Fachruddin, L., Arma, N.R., Haerul, A. 2017. Identifikasi ikan gabus, *Channa* spp. (Scopoli 1777) stok liar dan generasi I hasil domestikasi berdasarkan gen *Cytochrome C oxidase subunit I* (COI). *Jurnal Ikhtiyologi Indonesia*, **17**(2): 165-173
- Ishimatsu, A., Itazawa, Y., Takeda, T. 1979. On the Circulatory Systems of the Snakehead *Channa maculata* and *C. argus* with Reference to Bimodal Breathing. *Japanese Journal of Ichthyology*, **26**(2)
- Kahilainen, A., Puurtinen, M., Kotiaho, J.S. 2014. Conservation Implications of Species-Genetic Diversity Correlations. *Global Ecology and Conservation*, **2**: 315-323. DOI: [10.1016/j.gecco.2014.10.013](https://doi.org/10.1016/j.gecco.2014.10.013)
- Kakkaeo, M., Chittapalapong, T., Villanueva, M.C.. 2004. Food Habits, Daily Ration and Relative Food Consumption in Some Fish Populations in Ubonratana Reservoir, Thailand. *Asian Fisheries Science*, **17**: 249-259
- Kartikasari, S.N., Marshall, A.J., Beeher, B.M. 2007. *Ekologi Papua*. Yayasan Pustaka Obor Indonesia. Jakarta.
- Kottelat, M. 2013. The fishes of the inland waters of Southeast Asia: A catalogue and core bibliography of the fishes known to occur in freshwaters, mangroves and estuaries. *The Raffles Bulletin of Zoology*, **27**: 1-663
- Lacy, R.C. 1997. Importance of genetic variation to the viability of mammalian populations. *Journal of Mammalogy*, **78**(2): 320-335
- Ladoukakis, E.D and Beeher, E. Evolution and Inheritance of Animal Mitochondrial DNA: rules and exceptions. *Journal of Biological Research-Thessaloniki*, **24**: 2. DOI: [10.1186/s40709-017-0060-4](https://doi.org/10.1186/s40709-017-0060-4)



Lakra, W.S., Goswami, M., Gopalakrishnan, A., Singh, D.P. 2010. Genetic Relatedness Among Fish Species of Genus *Channa* using Mitochondrial DNA genes. *Biochemical Systematics and Ecology*, **38**: 1212-1219, DOI: [10.1016/j.bse.2010.12.012](https://doi.org/10.1016/j.bse.2010.12.012)

Laksmana, Y. 2010. *Jelajah Jayapura: Eksotisme Alam Budaya di Pintu Gerbang Papua*. PT Gramedia Pustaka Utama. Jakarta. Hal. 63-65

Li, K-C., Shieh, B-S., Chiu, Y-W., Huang, D-J., Liang, S-H. 2016. Growth, diet composition and reproductive biology of the invasive freshwater fish chevron snakehead *Channa striata* on a subtropical island. *Zoological studies*, **55**: 53. DOI: [10.6620/ZS.2016.55-53](https://doi.org/10.6620/ZS.2016.55-53)

Librado, P and Rozas, J. DnaSP v5: a Software for Comprehensive Analysis of DNA Polymorphism Data. *Bioinformatics*, **25** (11): 1451-1452, DOI: [10.1093/bioinformatics/btp187](https://doi.org/10.1093/bioinformatics/btp187)

Loewe, L and Hill, W.G. 2010. The population genetics of mutations: good, bad and indifferent. *Philosophical Transactions of the Royal Society*, **365**: 1153-1167. DOI: [10.1098/rstb.2009.0317](https://doi.org/10.1098/rstb.2009.0317)

Maddison, W. P. and Maddison, D.R. 2016. Mesquite: a modular system for evolutionary analysis. Version 3.40  
<https://mesquiteproject.wikispaces.com> diakses tanggal 27 Maret 2018

Mat Jais, A.M., Dambisya, Y.M., Lee, T-L. 1997. Antinociceptive activity of *Channa striatus* (Haruan) extract in mice. *Journal of Ethnopharmacology*, **57**: 125-130

Mollah, M.F.A., Mamun, M.S.A., Sarowar, M.N., Roy, A. 2009. Effects of stocking density on the growth and breeding performance of broodfish and larval growth and survival of shol, *Channa striatus* (Bloch). *Journal of the Bangladesh Agricultural University*, **7**(2): 427-432

Musikasinthorn, P. 1998. *Channa panaw*, a new Channid fish from the Irrawaddy and Sittang River basins, Myanmar. *Ichtyological Research*, **45** (4): 355-362

Mustafa, A., Widodo, M.A., Kristianto, Y. Albumin and Zinc Content of Snakehead Fish (*Channa striata*) Extract and Its Role In Health. *International Journal of Science and Technology*, **1**(2): 1-8. ISSN: 2252-5297

Na-Nakorn, U., Sukmanomon, S., Nakajima, M., Taniguchi, N., Kamonrat, W., Poompuang, S., Nguyen, T.T.T. 2006. MtDNA diversity of the critically endangered Mekong giant catfish (*Pangasianodon gigas* Chevey, 1913) and closely related species: implications for conservation. *Animal conservation*, **9**: 483-494. DOI: [10.1111/j.1469-1795.2006.00064.x](https://doi.org/10.1111/j.1469-1795.2006.00064.x)



Nei, M. 1972. Genetic Distance Between Population. *The American Naturalist*, **106**: 949.

Palumbi, S.R. 1996. Nucleic acids II: The polymerase chain reaction. In: *Molecular systematics*, (Eds.) D.M. Hillis, C. Moritz, B.K. Mable, Sinauer Associates, Sunderland. Massachusetts, pp. 205

Pawar, T., Bjørås, M., Klungland, A., Eide, L. 2017. Metabolism and DNA repair shape a specific modification pattern in Mitochondrial DNA. *Mitochondrion*. DOI: [10.1016/j.mito.2017.09.002](https://doi.org/10.1016/j.mito.2017.09.002)

Pearson, W.R. 2013. An Introduction to Sequence Similarity (“Homology”) Searching. *Current Protocol in Bioinformatics*. DOI: [10.1002/0471250953.bi0301s42](https://doi.org/10.1002/0471250953.bi0301s42)

Pečnikar, Z.F and Buzan, E.V. 2013. 20 years since the introduction of DNA barcoding: from theory to application. *Journal of Applied Genetics*. DOI: [10.1007/s13353-013-0180-y](https://doi.org/10.1007/s13353-013-0180-y)

Persoon, G.A and Weerd, M.V. 2006. Biodiversity and Natural Resource Management in Insular Southeast Asia. *Island Studi Journal*, **1**(1): 81-108

Phen, C., Thang, T.B., Baran, E., Vann, L.S. 2005. WorldFish Center and Inland Fisheries Research and Development Institute. Cambodia. Pp 2-6

Picard, M., Taivassalo, T., Gouspillou, G., Hepple, R.T. 2011. Mitochondria: isolation, structure, and function. *Journal of Physiology*, **589**.**18**: 4413-4421

Purnamawati., Djokosetyanto, D., Nirmala, K., Harris, E., Affandi, R. 2017. Survival and growth of striped snakehead fish (*Channa striata* Bloch.) juvenile reared in acid sulfate water and rainwater medium. *Aquaculture, Aquarium, Conservation & Legislation- International Journal of Bioflux Society*, **10**(2)

Qin, J and Fast, A.W.A. 1997. Food selection and growth of young snakehead *Channa striatus*. *Journal of Applied Ichthyology*, **13**: 21-25. ISSN: 0175-8659

Rachmat, H.H., Subiakto, A., Komiya, K. 2016. Genetic diversity and conservation strategy considerations for highly valuable medicinal tree of *Taxus sumatrana* in Indonesia. *Biodiversitas*, **17**(2): 487-491. DOI: [10.13057/biodiv/d170213](https://doi.org/10.13057/biodiv/d170213), ISSN: 1412-033x

Saitou, N and Nei, M. 1987. The Neighbor-joining Method: A New Method for Reconstructing Phylogenetic Trees. *Molecular Biology and Evolution*, **4**(4):406-425.



Sharma, N.S. 2005. *Molecular Cell Biology*. International Scientific Publishing. New Delhi. Page 18.

Serrao, N.R., Steinke, D., Hanner, R.H. 2014. Calibrating snakehead diversity with DNA barcodes: expanding taxonomic coverage to enable identification of potential and established invasive species. *Public Library of Science one*, **9**(6): e99546.

Singh, G. 2010. *Plant Systematic an Integrated Approach* 3rd Edn. Science Publisher. New Delhi. Page 393 and 396

Sinh, L.X and Pomeroy, R.S. 2010. Current Situation and Challenges for the farming of Snakehead fish (*Channa micropeltes* and *Channa striatus*) in the Mekong Delta, Vietnam. *Aquaculture Asia*, **15**(4): 11-18

Sood, N., Chaudhary, D.K., Pradhan, P.K., Verma, D.K., Raja Swaminathan, T., Kushwaha, B., Punia, P., Jena, J.K. 2015. Establishment and characterization of a continuous cell line from thymus of striped snakehead, *Channa striatus* (Bloch, 1793). *In Vitro Celular & Developmental Biology- Animal*, **51** (8): 787-796

Song, L.M., Munian, K., Rashid, Z.A., Bhassu, S. 2013. Characterisation of Asian snakehead murrel *Channa striata* (Channidae) in Malaysia: An Insight into Molecular Data and Morphological Approach. *The Scientific World Journal*. DOI: [10.1155/2013/917506](https://doi.org/10.1155/2013/917506)

Taanman, J-W. 1999. The mitochondrial genome: structure, transcription, translation, and replication. *Biochimica et Biophysica Acta*, **1410**: 103-123

Tamura, K., Stecher, G., Peterson, D., Filipski, A., Kumar, S. 2013. MEGA6: Molecular Evolutionary Genetics Analysis Version 6.0. *Molecular Biology and Evolution*, **30**(12): 2725-2729

Tan, M.P., Jamsari, A.F.J., Azizah, M.N.S. 2012. Phylogeographic Pattern of the Striped Snakehead, *Channa striata* in Sundaland: Ancient River Connectivity, Geographical and Anthropogenic Singnatures. *Public Library of Science one*, **7**(12): e52089. DOI: [10.1371/journal.pone.0052089](https://doi.org/10.1371/journal.pone.0052089)

Taylor, R.W and Turnbull, D.M. 2005. Mitochondrial DNA Mutations in Human Disease. *Nature Reviews Genetic*, **6**(5) : 389-402. DOI: [10.1038/nrg1606](https://doi.org/10.1038/nrg1606)

Tongnunui, S and . Beamish, F.W.H. 2009. Habitat and relative abundance of fishes in small rivers in eastern Thailand. *Environmental Biology of Fishes*, **85**: 209-220. DOI: [10.1007/s10641-009-9483-6](https://doi.org/10.1007/s10641-009-9483-6)

Toro, M.A., Fernandez, J., Caballero, A. 2009. Molecular characterization of breeds and its use in conservation. *Journal of Livestock science*, **120**: 174-195. DOI: [10.1016/j.livsci.2008.07.003](https://doi.org/10.1016/j.livsci.2008.07.003)



Tran, D.D., Shibukawa, K., Nguyen, T.P., Hà, P.H., Tran, X.L., Mai, V.H., Utsugi, K. 2013. *Fishes of the Mekong Delta, Vietnam*. Can Tho Publishing House. Can Tho. Page 125

Viswanath, W and Geetakumari, K.H. 2009. Diagnosis and interrelationships of fishes of the genus *Channa scopoli* (Teleostei: Channidae) of northeastern India. *Journal of Threatened Taxa*, **1**(2): 97-105. ISSN: 0974-7907

Ward, R. D., Zemlak, T. S., Innes, B. H., Last, P. R., & Hebert, P. D. (2005). DNA barcoding Australia's fish species. *Philosophical Transactions of the Royal Society of London series B Biological Sciences*, **360**(1462), 1847-1857. DOI: [10.1098/rstb.2005.1716](https://doi.org/10.1098/rstb.2005.1716)

Wei, O.Y., Xavier, R., Marimuthu, K. 2010. Screening of antibacterial activity of mucus extract of Snakehead fish, *Channa striatus* (Bloch). *European Review for Medical and Pharmacological Sciences*, **14**: 675-681

Yaakob, W.A.A.W and Ali, A.B. 1992. Simple method for backyard production of snakehead (*Channa striata* Bloch) Fry. *Aquabyte section*, 22-23

Yakes, F.M and Van Houten, B. 1997. Mitochondrial DNA damage is more extensive and persists longer than Nuclear DNA damage in human cells following oxidative stress. *Proceedings of the National Academy of Sciences of the United States of America*, **94**: 514-519

Yang, L., Tan, Z., Wang, D., Xue, L., Guan, M-X., Huang, T., Li, R. 2014. Species Identification through Mitochondrial rRNA genetic analysis. *Scientific Reports*, **4**:4089. DOI: [10.1038/srep04089](https://doi.org/10.1038/srep04089)

Yang, Z and Rannala, B., 2012. Reviews: Molecular Phylogenetics: Principles and Practice. *Nature Review Genetics*, **13**: 303. DOI: [10.1038/nrg3186](https://doi.org/10.1038/nrg3186)

Yang, Z. 2006. Computational Molecular Evolution. Oxford Press. Page 100-106

Zemlak, T.S., Ward, R.D., Connell, A.D., Holmes, B.H., Hebert, P.D.N. 2009. DNA Barcoding reveals overlooked marine fishes. *Molecular Ecology Resources*, **9** (supplement 1): 237-242. DOI: [10.1111/j.1755-0998.2009.02649.x](https://doi.org/10.1111/j.1755-0998.2009.02649.x)

Zhang, J and Hanner, R. 2012. Molecular Approach to the Identification of Fish in the South China Sea. *Public Library of Science one*, **7**(2): e30621. DOI: [10.1371/journal.pone.0030621](https://doi.org/10.1371/journal.pone.0030621)