

DAFTAR PUSTAKA

- Abrams, K.M., Guzik, M.T., Cooper, S.J.B., Humphreys, W.F., King, R.A., Cho, J.L. & Austin, A.D., 2012. What lies beneath: molecular phylogenetics and ancestral state reconstruction of the ancient subterranean Australian Parabathynellidae (Syncarida, Crustacea). *Molecular Phylogenetics and Evolution*, **64**(1), 130-144.
- Bairagya, H., 2014. Environmental conditions of Borra cave, Visakhapatnam, India. *International Journal of Environment*, **3**(2), 150-166.
- Bakhshi, Y., Sadeghi, S. & Messana, G., 2018. First record of the family Stenasellidae (Crustacea, Isopoda) in Iran with the description of a new cave-dwelling species. *Subterranean Biology*, **26**, 27-38.
- Basith, A., Abinawanto, A., Kusriani, E. & Yasman, Y., 2021. Genetic diversity analysis and phylogenetic reconstruction of groupers *Epinephelus* sp. from Madura Island, Indonesia based on partial sequence of CO1 gene. *Biodiversitas Journal of Biological Diversity*, **22**(10), 4282-4290
- Chinnery, P. F. & Hudson, G. 2013. Mitochondria genetics. *British Medical Bulletin*, **106**(1), 135-139.
- Choi, Y.G., Kim, W.R., Woo, K.S. & Cho, Y.B., 2011. A proposal of new category, scotophile visitors, within troglomenes in Korean limestone caves. *Journal of Korean Nature*, **4**(3), 191-195.
- Cook, B.D., Abrams, K.M., Marshall, J., Perna, C.N., Choy, S., Guzik, M.T. & Cooper, S.J.B., 2012. Species diversity and genetic differentiation of stygofauna (Syncarida: Bathynellacea) across an alluvial aquifer in north-eastern Australia. *Australian Journal of Zoology*, **60**(3), 152-158.
- De Jong, M.A., Wahlberg, N., van Eijk, M., Brakefield, P.M., & Zwaan, B.J. 2011. Mitochondrial DNA Signature for Range-Wide Populations of *Bicyclus anynana* Suggests a Rapid Expansion from Recent Refugia. *PloS one*, **6**(6), e2138
- Dharmayanti, N. L. P. I. 2011. Filogenetika molekuler: metode taksonomi organisme berdasarkan sejarah evolusi. *Wartazoa*, **21**(1), 1-10.
- Dianiputri, U., Aji, K. W., & Arisuryanti, T. 2022. Polimorfisme gen mitokondria 16s ikan baung (*Hemibagrus nemurus* Valenciennes, 1840) dari Sungai Progo, Magelang, Jawa Tengah. *Berkala ilmiah Biologi*, **13**(1), 40-47.
- Dogan, I., & Dogan, N. 2016. Genetic Distance Measures: Review. *Turkiye Klinikleri Journal of Biostatistics*, **8**(1), 87-93.
- Eme, D., Zagamajster, M., Delić, T., Fišer, C., Flot, J.F., Konecny-Dupré, L., Pálsson, S., Stoch, F., Zakšek, V., Douady, C.J. and Malard, F., 2018. Do cryptic species matter in macroecology? Sequencing European groundwater crustaceans yields smaller ranges but does not challenge biodiversity determinants. *Ecography*, **41**(2), 424-436.
- Ewens, W. J. 2013. Genetic Variation. *Brenner's Encyclopedia of Genetics*, 290-291
- Fernández, A., Segura-Alabart, N. & Serratos, F. 2023. The multifurcating Neighbor-Joining algorithm for reconstructing polytomic phylogenetic tree. *Journal of Molecular Evolution*, **91**, 773-779.

- Fietri, W. A., Razak, A., & Ahda, Y. 2021. Analisis filogenetik ikan tuna (*Thunnus* spp) di Perairan Maluku Utara menggunakan COI (*Cytocrome Oxdase I*). *Jurnal Biologi Makassar*, **6**(2), 31-39.
- Folmer, O., Black, M., Hoeh, W., Lutz, R. & Vrijenhoek, R., 1994. DNA primers for amplification of mitochondrial cytochrome c oxidase subunit I from diverse metazoan invertebrates. *Molecular Marine Biology And Biotechnology*, **3**(5), 294-299.
- Gunn, J. & Boutin, C. 2004. *Encyclopedia of caves and karst science*. New York: Fitzroy Dearborn, 1171–1174.
- Günther, B., Raupach, M.J. and Knebelberger, T., 2017. Full-length and mini-length DNA barcoding for the identification of seafood commercially traded in Germany. *Food Control*, **73**(1), 922-929.
- Haryono, E., Sasongko, H.D., Nurkholis, A., Reinhart, H., Siswanto, A.D., Saputra, A., Rabbani, D.I., Putra, R.D., Ristiawan, A.W., Hakim, L., & Fauzan, M. 2020. UGM Speleological Research Expedition, Langkat, Sumatra Utara. *Kelompok Studi Karts Fakultas Geografi Universitas Gadjah Mada*. Surveyed in September 19th, 2020
- Hebert, P.D., Ratnasingham, S. & De Waard, J.R., 2003. Barcoding animal life: cytochrome c oxidase subunit 1 divergences among closely related species. *Proceedings of the Royal Society of London. Series B: Biological Sciences*, **270**(supp1), S96-S99.
- Jusmaldi, Duryadi, D., Affandi, R., Rahardjo, M. F., & Gustiano, R. 2014. Kode batang DNA ikan lais genus *Kryptoterus* asal Sungai Mahakam Kalimantan Timur. *Jurnal Ikhtiologi Indonesia*, **14**(3): 191-199.
- Kaushik, A., Sharma, A. & Sharma, S., 2018. Haplotype: Alleles moving together. *Journal of Pharmacognosy and Phytochemistry*, **7**(2), 2334-2336.
- Kosznik-kwaśnicka K, Golec P, Jaroszewicz W, Lubomska D, & Piechowicz L. 2022. Into the unknown: Microbial communities in caves, their role, and potential use. *Microorganisms*, **10**(1), 222.
- Kruckenhauser, L., Haring, E., Seemann, R. & Sattmann, H., 2011. Genetic differentiation between cave and surface-dwelling populations of *Garra barreimiae* (Cyprinidae) in Oman. *BMC Evolutionary Biology*, **11**, 1-15.
- Kurniawan, I.D., Rahmadi, C., Akbar, R.T.M. & Prakarsa, T.B.P., 2022. Stygobiotic isopod *Stenasellus* sp. in Sarongge Jompong cave, Tasikmalaya karst area, Indonesia. *Biodiversitas Journal of Biological Diversity*, **23**(3), 1495-1504
- Kusuma, R. O., Dadiono, M. S., Kusuma, B., & Syakuri, H. 2021. Keragaman genetik ikan uceng (*Nemacheilus*) di Sungai Wilayah Banyumas berdasar sekuen gen *Cytochrome Oxidase Subunit I (COI)*. *Jurnal Perikanan Universitas Gadjah Mada*, **23**(2), 89-94.
- Lefébure, T., Douady, C.J., Gouy, M. & Gibert, J., 2006. Relationship between morphological taxonomy and molecular divergence within Crustacea: proposal of a molecular threshold to help species delimitation. *Molecular Phylogenetics And Evolution*, **40**(2), 435-447.
- Lemey, P., Salemi, M., & Vandamme, A-M. 2009. *The Phylogenetic Handbook: A Practical Approach to Phylogenetic Analysis and Hypothesis Testing*. Cambridge University Press, Cambridge, 26-27.
- Liu, S., Zhou, C. & Lin, Y., 2023. New Insights into the Variation and Admixture

- of the Cave-Dwelling Spider Trogloneta yunnanensis in South China Karst. *Animals*, **13**(7),1244.
- Lopes, R. M., Reid, J. W., & Rocha, C. E. F. 2001., Copepoda: Developments in Ecology, Biology and Systematics. *Hydrobiologia*. Springer., 453-576.
- Lunghi, E. & Manenti, R., 2020. Cave communities: From the surface borderto the deep darkness. *Diversity*, **12**(5), 167.
- Magniez, G. & Rahmadi, C., 2006. A new species of the genus *Stenasellus* (Crustacea, Isopoda, Asellota, Stenasellidae). *Publications de la Société Linnéenne de Lyon*, **75**(4), 173-177.
- Mammola, S., 2019. Finding answers in the dark: caves as models in ecology fifty years after Poulson and White. *Ecography*, **42**(7), 1331-1351.
- Matthews, E.F., Abrams, K.M., Cooper, S.J., Huey, J.A., Hillyer, M.J., Humphreys, W.F., Austin, A.D. & Guzik, M.T., 2020. Scratching the surface of subterranean biodiversity: molecular analysis reveals a diverse and previously unknown fauna of Parabathynellidae (Crustacea: Bathynellacea) from the Pilbara, Western Australia. *Molecular Phylogenetics And Evolution*, **142**, 106643.
- Meiklejohn, K. A., Damaso, N., & Robertson, J. M. 2019. Assessment of BOLD and GenBank – Their accuracy and reliability for the identification of biological materials. *PLoS One*, **14**(6), e0217084.
- Messana G, Damme KV, & Argano R. 2019. A New Stygobiotic *Stenasellus dollfus*, 1897 (Asellota: Stenasellidae) from Socotra Island, Yemen. *Zootaxa* **4683**(4), 552-562.
- Moldovan, O.T., Kováč, Ľ. & Halse, S. eds., 2018. Cave ecology. *Ecological Studies*, 59-70
- Morvan, C., Malard, F., Paradis, E., Lefébure, T., Konecny-Dupré, L. and Douady, C.J., 2013. Timetree of Aselloidea reveals species diversification dynamics in groundwater. *Systematic Biology*, **62**(4), 512-522.
- Newell, P. D., Fricker. A. D., Roco, C. A., Chandrangsu, P., & Merkel, S. M. 2013. A small-group activity introducing the use and interpretation of BLAST. *Journal of Microbiology & Biology Education*, **14**(2), 238-243.
- Palmer, B.A.T., & Scott, R.J. 2011. Genetic variation and its role in malignancy. *International Journal of Biomedical Science*, **7**(3), 158-171.
- Pirany, N. & Manafi, M. 2016. Applying Different Genetic Distances and UPGMA Method to Find the Best Topology in Chicken Populations Using Microsatellite Markers. *Genetics in the Third Millennium*, **13**(4), 4106-4111.
- Prasetya, H., & Saefuddin, A. 2011. Performance comparison kimura 2-parameter and juker-cantor model in constructing phylogenetic tree of neighbour joining. *Forum Statistika dan Komputasi*, **16**(1), 8-16.
- Prous X., Ferreira R.L., & Jacobi C.M. 2015. The entrance as a complex ecotone ina Neotropical cave. *Intl J Speleol* **44**(2), 177-189.
- Rozas, J., Ferrer-Mata, A., Sánchez-DelBarrio, J.C., Guirao-Rico, S., Librado, P., Ramos-Onsins, S.E. and Sánchez-Gracia, A. 2017. DnaSP 6: DNA sequence polymorphism analysis of large data sets. *Molecular biology and evolution*, **34**(12), 3299-3302.
- Russo, C. A. M., & Selvatti, A. P. 2018. Bootstrap and rogue identification tests for phylogenetic analyses. *Molecular Biology and Evolution*, **35**(9), 2327–

2333.

- Samal, K. C., Sahoo, J. P., Behera, L., & Dash, T. 2021. Understanding the BLAST (Basic Local Alignment Search Tool) program and a step-by-step guide for its use in life science research. *Bhartiya Krishi Anusandhan Patrika*, **36**(1), 55-61.
- Saputra, F., A., Amelia, Putri, N., Purnama, F., & Valen, F. S. 2022. Filogenetik genus *Channa* (Actinopterygii; chaninidae) di Indonesia berdasarkan gen *Cytochrome C Oxidase Subunit I (COI)*. *Journal of Aquatropica Asia*, **7**(2), 85-91.
- Shipley, O.N., Bruce, N.L., Violich, M., Baco, A., Morgan, N., Rawlins, S. and Brooks, E.J. 2016. A new species of *Bathynomus* Milne Edwards, 1879 (Isopoda: Cirolanidae) from The Bahamas, Western Atlantic. *Zootaxa*, **4147**(1), 82-88.
- Singh, R. S., & Kulathinal, R. J. 2013. Polymorphism. *Brenner's Encyclopedia of Genetics*, 398–399.
- St. John, J. C. 2014. Mitochondrial DNA. *Principles of Cloning*, 429–439
- Subari, A., Razak, A., & Sumarmin, R. 2021. Phylogenetic Analysis of *Rasbora* sp. Based on the Mitochondrial DNA *COI* gene in Harapan Forest. *Jurnal Biologi Tropis*, **21**(1), 89–94.
- Swingland, I. R. 2013. Biodiversity, Definition of. *Encyclopedia of Biodiversity*., 399–410.
- Tam, N.T., Dwiyantri, M.S., Koide, Y., Nagano, A.J., Ky, H., Tin, H.Q., Hien, N.L., Dung, L.V. & Kishima, Y., 2019. Profiling SNP and nucleotide diversity to characterize Mekong Delta rice landraces in southeast Asian populations. *The Plant Genome*, **12**(3), 190042.
- Tambuwun, J. S., Kolondam, B. J. & Tallei, T. E. 2017. Variasi gen *matK* dan filogenetik tumbuhan kantong semar (*Nepenthes* sp.) dari Gunung Mahawu dan Gunung Soputan di Sulawesi Utara. *Jurnal Bioslogos*, **1**(1), 1-8.
- Tamura, K., Stecher, G., & Kumar, S. 2021. MEGA11: Molecular Evolutionary Genetic Analysis Version 11. *Molecular Biology and Evolution*, **38**(7), 3022-3027.
- Triwani & Saleh, I. 2015. *Single nucleotide polymorphism promoter -765g/C Gen Cox-2* sebagai faktor risiko terjadinya karsinoma kolorektal. *Biomedical Journal of Indonesia*, **1**(1),1-10.
- Utomo, A. H. P., Pramono, T. B., Soedibya, H. T., Sukardi, P., & Syakuri, H. 2020. Analisis polimorfisme DNA ikan gabus (*Channa striata*) berbeda ukuran menggunakan teknik RAPD. *Sainteks*, **17**(2), 133-143.
- Zhang, Y. & Li, S., 2014. A spider species complex revealed high cryptic diversity in South China caves. *Molecular Phylogenetics and Evolution*, **79**, 353-358.
- Zong, N.C., Li, H., Li, H., Lam, M.P., Jimenez, R.C., Kim, C.S., Deng, N., Kim, A.K., Choi, J.H., Zelaya, I., Liem, D., Meyer, D., Odeberg, J., Fang, C., Lu, H.J., Xu, T., Weiss, J., Duan, H., Uhlen, M., Yates, J.R., Apweiler, R., Ge, J., Hermjakob, H., & Ping, P., 2013. Integration of cardiac proteome biology and medicine by a specialized knowledgebase. *Circulation Research*. **113**(9),1043-1053.