

DAFTAR PUSTAKA

- Akasia, A.I., Nurweda, I.D. & Putra, I.N. (2021). Skrining Fitokimia Ekstrak Daun Mangrove *Rhizophora mucronata* dan *Rhizophora apiculata* yang Dikoleksi dari Kawasan Mangrove Desa Tuban, Bali. *Journal of Marine Research and Technology*, 4(1), 16. <https://doi.org/10.24843/jmrt.2021.v04.i01.p03>
- Alamsyah, & Kurniawan, D. C. (2024). Hastag Savethecoast Tagger dalam Rangka Mangrove Sedunia di Kelurahan Maridan. *ANDIL Mulawarman Journal Community Engagement*, 1(1), 11–16.
- Aoki, S., & Fukasawa, K. (2024). Kernel density estimation of allele frequency including undetected alleles. *PeerJ*, 12(4). <https://doi.org/10.7717/peerj.17248>
- Arifanti, V.B., Sidik, F., Mulyanto, B., Susilowati, A., Wahyuni, T., Subarno, Yulianti, Yuniarti, N., Aminah, A., Suita, E., Karlina, E., Suharti, S., Pratiwi, Turjaman, M., Hidayat, A., Rachmat, H.H., Imanuddin, R., Yeny, I., Darwiati, W. & Novita, N. (2022). Challenges and Strategies for Sustainable Mangrove Management in Indonesia: A Review. *Forests*, 13(5), 1–18. <https://doi.org/10.3390/f13050695>
- Azman, A., Ng, K. K. S., Ng, C. H., Lee, C. T., Tnah, L. H., Zakaria, N. F., Mahruji, S., Perdan, K., Abdul-Kadir, M. Z., Cheng, A., & Lee, S. L. (2020). Low genetic diversity indicating the threatened status of *Rhizophora apiculata* (Rhizophoraceae) in Malaysia: declined evolution meets habitat destruction. *Scientific Reports*, 10(1), 1–12. <https://doi.org/10.1038/s41598-020-76092-4>
- Bachtiar, B., Ura, R., & Suhartati. (2023). Karakteristik Tapak Tegakan Hutan Mangrove (*Rhizophora mucronata* dan *Avicennia marina*) di Pantai Kelurahan Bira Kecamatan Tamalanrea Kota Makassar. *Jurnal Ilmu Alam Dan Lingkungan*, 14(1), 72–80.
- Badan Pusat Statistik (BPS). (2023). *Luas Penutupan Lahan Indonesia Di Dalam Dan Di Luar Kawasan Hutan Tahun 2014-2022 Menurut Kelas (Ribu Ha)*. (<https://www.bps.go.id/id/statistics-table/1/MjA4NCMx/luas-penutupan-lahan-indonesia-di-dalam-dan-di-luar-kawasan-hutan-tahun-2014-2022-menurut-kelas--ribu-ha-.html>). Diakses 20 Maret 2024.
- Bremer, B., Bremer, K., Chase, M.W., Fay, M.F., Reveal, J.L., Bailey, L.H., Soltis, D.E., Soltis, P.S., Stevens, P.F., Anderberg, A.A., Moore, M.J., Olmstead, R.G., Rudall, P.J., Sytsma, K.J., Tank, D.C., Wurdack, K., Xiang, J.Q., & Zmarzty, S. (2009). An update of the Angiosperm Phylogeny Group Classification for the Orders and Families of Flowering Plants: APG III. *Botanical Journal of the Linnean Society*, 161(2), 105–121. <https://doi.org/10.1111/j.1095-8339.2009.00996.x>
- Canty, S. W. J., Kennedy, J. P., Fox, G., Matterson, K., González, V. L., Núñez-Vallecillo, M. L., Preziosi, R. F., & Rowntree, J. K. (2022). Mangrove

diversity is more than fringe deep. *Scientific Reports*, 12(1), 1–10.
<https://doi.org/10.1038/s41598-022-05847-y>

Cambaba, S., Kasi, P.D. & Asriani, I. (2022). Karakteristik Struktur Anatomi Stomata Beberapa Spesies Tanaman Mangrove di Pantai Labombo Kota Palopo. *Cokroaminoto Journal of Biological Science*, 4(2), 8–15.

Debnath, S.C. (2016). *Genetic Diversity and Erosion in Berries*. Springer International Publishing.

Debnath, S.C., Bhatt, D., & Goyal, J.C. (2023). DNA-Based Molecular Markers and Antioxidant Properties to Study Genetic Diversity and Relationship Assessment in Blueberries. *Agronomy*, 13(6).
<https://doi.org/10.3390/agronomy13061518>.

Dhiya'ulhaq, N.U., 2021. *Rhizophora mucronata*. (<https://www.inaturalist.org/photos/109369558>). Diakses pada 19 September 2024. Dwiyani, R. (2016). *Penggunaan Penanda Molekuler untuk Pemuliaan Tanaman*. Universitas Udayana Bali.

Firdani, E.A., Hasanuddin, A., & Hermawan, R. (2022). Pengaruh Substitusi Tepung Buah Mangrove *Rhizophora mucronata* dan Tepung Tapioka Terhadap Kadar Tanin Dan Mutu Organoleptik Kerupuk. *Samakia : Jurnal Ilmu Perikanan*, 13(1), 63–70. <https://doi.org/10.35316/jsapi.v13i1.1625>

Everitt, G. & Dunn, B. (1982). *An Introduction to Mathematical Taxonomy*. Cambridge University Press.

Faoziyah, A.R., & Kurniawan, W. (2017). Pemanfaatan Ekstrak Daun Mangrove (*Rhizophora mucronata*) dengan Variasi Pelarut Sebagai Bahan Aktif Sediaan Farmasi Terapi Anti Kanker. *Journal of Health*, 4(2), 68.
<https://doi.org/10.30590/vol4-no2-p68-74>

Faradilla, F.A., Prihatini, I., Suranto, & Susilowati, A. (2022). Genetic Variation of *Austropuccinia psidii* in Some Species of Myrtaceae as Host Plants in Java, Indonesia based on Simple Sequence Repeats (SSR) Markers. *Biodiversitas*, 23(1), 256–263. <https://doi.org/10.13057/biodiv/d230131>

Guo, W., Wu, H., Zhang, Z., Yang, C., Hu, L., Shi, X., Jian, S., Shi, S., & Huang, Y. (2017). Comparative Analysis of Transcriptomes in Rhizophoraceae Provides Insights into The Origin and Adaptive Evolution of Mangrove Plants in Intertidal Environments. *Frontiers in Plant Science*, 8(May), 1–13.
<https://doi.org/10.3389/fpls.2017.00795>

Hoffmann, A. A., & Sgró, C. M. (2011). Climate change and evolutionary adaptation. *Nature*, 470(7335), 479–485. <https://doi.org/10.1038/nature09670>

Ihwan, Lestari, N., & Uslan. (2021). Genetic Diversity of *Rhizophora mucronata* in

the Timor Island as Learning Sources on Genetic Course Based on Local Natural Resources . *Proceedings of the 5th Progressive and Fun Education International Conference (PFEIC 2020)*, 479, 71–83. <https://doi.org/10.2991/assehr.k.201015.012>

Islam, M.S., Lian, C., Kameyama, N., Wus, B. & Hogetsu, T. (2004). Development of Microsatellite Markers in *Rhizophora stylosa* Using a Dual-Suppression-Polymerase Chain Reaction Technique. *Molecular Ecology Notes*, 4, 110-112. <https://doi.org/10.1046/j.1471-8286.2003.00585.x>

Jayaprakash, K., Meenakshi, S.V. (2014). Mosquito Larvicidal Efficacy of Leaf Extract from Mangrove Plant *Rhizophora mucronata* (Family : Rhizophoraceae) against Anopheles and Aedes species. *Journal of Pharmacognosy and Phytochemistry*, 3(1), 78–83.

Jennings, T., Utteridge, M.A. & Laura, V.S. (2022). *Trees of New Guinea*. Kew Publishing.

Kanaka, K. K., Sukhija, N., Goli, R. C., Singh, S., Ganguly, I., Dixit, S. P., Dash, A., & Malik, A. A. (2023). On the concepts and measures of diversity in the genomics era. *Current Plant Biology*, 33(December 2022), 100278. <https://doi.org/10.1016/j.cpb.2023.100278>

Kangkuso, A., Sharma, S., Jamili, J., Septiana, A., Sahidin, I., Rianse, U., Rahim, S., & Nadaoka, K. (2018). Trends in Allometric Models and Aboveground Biomass of Family Rhizophoraceae Mangroves in the Coral Triangle Ecoregion, Southeast Sulawesi, Indonesia. *Journal of Sustainable Forestry*, 37(7), 691–711. <https://doi.org/10.1080/10549811.2018.1453843>

Khaliza, N., Abdunnur, A., & Rafii, A. (2022). Analisis Vegetasi Mangrove Di Desa Kersik Kabupaten Kutai Kartanegara, Kalimantan Timur. *Tropical Aquatic Sciences*, 1(1), 98–103. <https://doi.org/10.30872/tas.v1i1.479>

Kranke, N. (2024). How Phenograms and Cladograms Became Molecular Phylogenetic Trees. *Journal of the History of Biology*, 423–443. <https://doi.org/10.1007/s10739-024-09782-8>

Kristiningrum, R., Sari, W. I., Halimah, N., & Paramitha, T. A. (2022). Potensi Ekonomi Dan Konservasi Ekosistem Mangrove Bagi Masyarakat Pesisir Di Desa Pondong Kabupaten Paser. *ULIN: Jurnal Hutan Tropis*, 6(2), 165. <https://doi.org/10.32522/ujht.v6i2.7809>

Le, S., & Le, T.V. (2024). Genetic Diversity and Population Structure of Natural Provenances of *Sonneratia caseolaris* in Vietnam. *Journal of Genetic Engineering and Biotechnology*, 22(1), 100356. <https://doi.org/10.1016/j.jgeb.2024.100356>

Rizki. & Leilani, I. (2017). Etnofarmakologi Tumbuhan Familia Rhizophoraceae

- oleh Masyarakat di Indonesia. *Jurnal Bioconchetta*, 3(1), 51–60.
<https://doi.org/10.22202/bc.2017.v3i1.2726>
- Lesdiana, L., & Usman. (2021). Uji Toksisitas dan Uji Fitokimia Ekstrak Metanol Daun Mangrove *Rhizophora mucronata*. *Prosiding Kimia FMIPA UNMUL*, 94–98.
- Lewis, J. (1956). Rhizophoraceae. In *Flora of Tropical East Africa*. Crown Agents for Oversea Governments and Administrations.
- Le, S., & Le, T. Van. (2024). Genetic diversity and population structure of natural provenances of *Sonneratia caseolaris* in Vietnam. *Journal of Genetic Engineering and Biotechnology*, 22(1), 100356.
<https://doi.org/10.1016/j.jgeb.2024.100356>
- Ligina, A.S., & Sudarmin, S. (2022). Isolation and Identification of Secondary Metabolic Compounds from Mangrove (*Rhizophora mucronata*) and Their Bioactivity Against *Escherichia coli* and *Staphylococcus aureus* Bacteria. *Indonesian Journal of Chemical Science*, 11(1), 62–68.
<https://doi.org/10.15294/ijcs.v11i1.53296>
- Liu, H., Ye, H., & Zhao, P. (2022). Phylogenetic Relationships and Characterization of the Complete Chloroplast Genome of Paphiopedilum ‘GZSLKY Youyou’, a Hybrid of *P. dianthum* × *P. barbigerum*. *Mitochondrial DNA Part B: Resources*, 7(5), 744–746.
<https://doi.org/10.1080/23802359.2022.2070041>
- Lu, W., Zou, Z., Hu, X., & Yang, S. (2022). Genetic Diversity and Mating System of Two Mangrove Species (*Rhizophora apiculata* and *Avicennia marina*) in a Heavily Disturbed Area of China. *Diversity*, 14(2).
<https://doi.org/10.3390/d14020115>
- Makawaehe, V.V, Sondak, C.F., Rumengan, A.P., Kaligis, E.Y., Roeroe, K.A., & Kondoy, K.I. (2022). Struktur Komunitas Kawasan Mangrove di Desa Talengen Kecamatan Tabukan Tengah Kabupaten Kepulauan Sangihe (Mangrove Community Structure in Talengen Village, District of Central Tabukan, Sangihe Islands Regency). *Jurnal Pesisir Dan Laut Tropis*, 10(2), 67–78.
- Marantika, M., Hiariej, A., & Sahertian, D.E. (2021). Kerapatan dan Distribusi Stomata Daun Spesies Mangrove di Desa Negeri Lama Kota Ambon. *Jurnal Ilmu Alam Dan Lingkungan*, 12(1), 1–6. <http://journal.unhas.ac.id>
- Mile, L., Nursyam, H., Setijawati, D., & Sulistiyati, T. D. (2021). Studi Fitokimia Buah Mangrove (*Rhizophora mucronata*) di Desa Langge Kabupaten Gorontalo Utara. *Jambura Fish Processing Journal*, 3(1), 1–8.
<https://doi.org/10.37905/jfpj.v3i1.8585>

- Mukrimin, M., Restu, M., Maria, E.D., & Musdalifah, M. (2021). Genetic Diversity of Black Mangrove (*Rhizophora mucronata* Lamk.) Based on Morphological Markers in Maros, Pangkep, and Barru Provenances. *IOP Conference Series: Earth and Environmental Science*, 886(1). <https://doi.org/10.1088/1755-1315/886/1/012010>
- Mustika, D.I., Rusdiana, O. & Sukendro, A. (2014). Pertumbuhan Bakau Minyak (*Rhizophora apiculata*) di Persemaian Mangrove Desa Muara Teluk Naga, Tangerang, Banten. *Bonorowo Wetlands*, 4(2), 108–116. <https://doi.org/10.13057/bonorowo/w040204>
- Naktang, C., Khanbo, S., Yundaeng, C., U-thoomporn, S., Kongkachana, W., Jiumjamrassil, D., Maknual, C., Wanthongchai, P., Tangphatsornruang, S., & Pootakham, W. (2023). Assessment of the Genetic Diversity and Population Structure of *Rhizophora mucronata* along Coastal Areas in Thailand. *Biology*, 12(3). <https://doi.org/10.3390/biology12030484>
- Noor, Y.R., Khazali, M., & Suryadiputra, I.N. (2012). *Panduan Pengelolaan Mangrove di Indonesia*.
- Nurhati, I.S., & Mardiyarso, D. (2022). *Strategi Nasional Pengelolaan Ekosistem Mangrove Strategi Nasional Pengelolaan Ekosistem Mangrove*. 1–19. (<https://www.cifor.org/knowledge/publication/8790>) Diakses pada 15 Maret 2024.
- Padmakar, B., Sailaja, D., & Aswath, C. (2015). Molecular Exploration of Guava (*Psidium guajava* L.) Genome Using SSR and RAPD Markers: A Step towards Establishing Linkage Map. *Journal of Horticultural Sciences*, 10(2), 130–135. <https://doi.org/10.24154/jhs.v10i2.118>
- Petolescu, C., Sarac, I., Popescu, S., Tenche-Constantinescu, A. M., Petrescu, I., Camen, D., Turc, A., Fora, G. C., Turcus, V., Horablaga, N. M., Gorinoiu, G., Mariana, G., & Onisan, E. (2024). Assessment of Genetic Diversity in Alfalfa Using DNA Polymorphism Analysis and Statistical Tools. *Plants*, 13(20). <https://doi.org/10.3390/plants13202853>
- Polihito, R.A. (2022). Hubungan Kekerabatan Fenetik Lima Anggota Familia Araceae. *Biosfer : Jurnal Biologi Dan Pendidikan Biologi*, 7(2). <https://doi.org/10.23969/biosfer.v7i2.6120>
- Pranchai, A. (2021). *Rhizophora apiculata*. (<https://www.inaturalist.org/photos/133937726>). Diakses pada 17 April 2024.
- Prihatini, I., Widyatmoko, A.Y., Nurtjahjaningsih, I.L., Haryjanto, L., & Hadiyan, Y. (2023). Species Discrimination Power of ITS DNA Barcoding on *Tristaniopsis* species on Bangka Island, Indonesia. *IOP Conference Series: Earth and Environmental Science*, 1271(1). <https://doi.org/10.1088/1755->

[1315/1271/1/012031](#)

- Proctor, G.R. (2012). *Flora of the Cayman Islands*. Royal Botanic Gardens.
- Rafael, A. (2021). Skrining Fitokimia dan Profil Kromatografi Lapis Tipis dari Tumbuhan Mangrove Family Rhizophoraceae dan Aviceniaceae. *Acta Aquatica*, 8(8), 98–102.
- Putri, Y.R., & Bashri, A. (2023). Anatomical Characteristics of *Rhizophora*'s Leaves as Mangrove Plant Adaptation at Banyuurip Mangrove Center. *Jurnal Riset Biologi Dan Aplikasinya*, 5(2), 98–109. <https://doi.org/10.26740/jrba.v5n2.p98-109>.
- Ramena, G. O., Wuisang, C. E. V., & Siregar, O. P. (2020). Pengaruh aktivitas masyarakat terhadap ekosistem mangrove. *Jurnal Spasial*, 7(3), 343–351.
- Richards, D.R., & Friess, D.A. (2016). Rates and Drivers of Mangrove Deforestation in Southeast Asia, 2000-2012. *Proceedings of the National Academy of Sciences of the United States of America*, 113(2), 344–349. <https://doi.org/10.1073/pnas.1510272113>
- Ribeiro, D. O., Vinson, C. C., Nascimento, D. S. S., Mehlig, U., Menezes, M. P. M., Sampaio, I., & Silva, M. B. (2013). Isolation of microsatellite markers for the red mangrove, *Rhizophora mangle* (Rhizophoraceae) . *Applications in Plant Sciences*, 1(9), 9–11. <https://doi.org/10.3732/apps.1300003>
- Rosero-Galindo, C., Gaitan-Solis, E., Cárdenas-Henao, H., Tohme, J. & Toro-Perea, N. (2002). Polymorphic Microsatellites in a Mangrove Species, *Rhizophora mangle* L. (Rhizophoraceae). *Molecular Ecology Notes*, 3(1), 220–222. <https://doi.org/10.1046/j.1471-8286>
- Ruang-areerate, Panthita Naktang, C., Khanbo, S., Yundaeng, C., U-thoomporn, S., Kongkachana, W., Jiumjamrassil, D., Maknual, C., Wanthongchai, P., Tangphatsornruang, S., & Pootakham, W. (2023). Assessment of the Genetic Diversity and Population Structure of *Rhizophora mucronata* along Coastal Areas in Thailand. *Biology*, 12(3), 1–14. <https://doi.org/10.3390/biology12030484>
- Rupidara, A.D., Tisera, W.L., & Ledo, M.E. (2020). Studi Etnobotani Tumbuhan Mangrove Di Kupang. *Jurnal Ilmu Dan Teknologi Kelautan Tropis*, 12(3), 875–884. <https://doi.org/10.29244/jitkt.v12i3.33243>
- Salminah, M., & Alviya, I. (2019). Efektivitas Kebijakan Pengelolaan Mangrove Untuk. *Jurnal Analisis Kebijakan Kehutanan*, 16(1), 11–29.
- Selvaraj, G., Kaliasurthi, S., & Thirungnasambandam, R. (2015). Identification of Medicinal Mangrove *Rhizophora apiculata* Blume: Morphological, Chemical and DNA Barcoding Methods. *International Journal of Scientific and Engineering Research*, 6(2), 1283–1290. <https://doi.org/10.14299/ijser.2015.02.001>

- Senjaya, S.K. (2022). Genetic Diversity of *Rhizophora apiculata* Blume in Banggai Kepulauan Inferred from Sequence-related Amplified Polymorphism (SRAP) Marker. *Proceedings of the International Conference on Science and Engineering (ICSE-UIN-SUKA 2021)*, 211, 154–158. <https://doi.org/10.2991/aer.k.211222.025>
- Shinmura, Y., Wee, A. K. S., Takayama, K., Meenakshisundaram, S. H., Asakawa, T., Onrizal, Adjie, B., Ardli, E. R., Sungkaew, S., Malekal, N. B., Tung, N. X., Salmo, S. G., Yllano, O. B., Nazre Saleh, M., Soe, K. K., Oguri, E., Murakami, N., Watano, Y., Baba, S., ... Kajita, T. (2012). Isolation and characterization of 14 microsatellite markers for *Rhizophora mucronata* (Rhizophoraceae) and their potential use in range-wide population studies. *Conservation Genetics Resources*, 4(4), 951–954. <https://doi.org/10.1007/s12686-012-9681-y>
- Shinta., Syamsudin, M.L, Andriani, Y. & Subiyanto. (2022). Identifikasi Jenis Mangrove pada Kawasan Ekosistem Mangrove di Kabupaten Pangandaran. *Jurnal Akuatek*, 3(1), 1–10.
- Shiraishi, S. & Watanabe, A., 1995. Identification of Chloroplast Genome Between *Pinus densiflora* Sieb et Zucc and *P. thumbergii* Parl Based on the Polymorphism in RBCT Gene. *Journal of the Japanese Forestry Society*, 77, 429–436.
- Simpson, M.G. (2019). *Plant Systematics* (3rd ed.). Academic Press. Steenis, V. (1955). *Flora Malesiana*. Noordhoff-Kolff.
- Siswa, T. A., Imamah, N. F., Kustiawan, P. M., Nurrohkayati, A. S., Mardiana, M., & Jubaidi, J. (2023). Pencegahan Abrasi dan Peningkatan Sektor Wisata melalui Penanaman Mangrove di Pesisir Pantai Kecamatan Muara Badak. *Jurnal Abdimas Mahakam*, 7(02), 194–201. <https://doi.org/10.24903/jam.v7i02.2293>
- Stuessy, T.F. (1990). *Plant Taxonomy: The Systematic Evaluation of Comparative Data*. Columbia University Press.
- Sugiyanto, R.A., Yona, D., & Julianda, S.H. (2016). Analisis Daya Serap Akar Mangrove *Rhizophora mucronata* dan *Avicennia marina* Terhadap Logam Berat Pb dan Cu di Pesisir Probolinggo Jawa Timur. *Seminar Nasional Perikanan Dan Kelautan VI, Fakultas Perikanan Dan Ilmu Kelautan, Universitas Brawijaya Malang, November*, 488–494.
- Sukumaran, S., Surya, S., & Hari, N. (2017). DNA Barcoding of Mangroves using Ribosomal ITS Marker in Rhizophoraceae DNA Barcoding of Mangroves using Ribosomal ITS Marker in Rhizophoraceae. *Ijsrst*, 7(3), 606–609. <https://www.researchgate.net/publication/324647657>
- Susandarini, R., Subandiyah, S., Daryono, B.S., & Rugayah. (2020).

- Microsatellite Polymorphism for Molecular Characterization of Pomelo (*Citrus maxima*) Accessions from Indonesia. *Biodiversitas*, 21(6), 2390–2395. <https://doi.org/10.13057/biodiv/d210608>
- Szpiech, Z. A., & Rosenberg, N. A. (2011). On the size distribution of private microsatellite alleles. *Theoretical Population Biology*, 80(2), 100–113. <https://doi.org/10.1016/j.tpb.2011.03.006>
- Tihurua, E.F., Agustiani, E.L., & Rahmawati, K. (2020). Karakter Anatomi Daun sebagai Bentuk Adaptasi Tumbuhan Penyusun Zonasi Mangrove di Banggai Kepulauan, Provinsi Sulawesi Tengah. *Jurnal Kelautan Tropis*, 23(2), 255–264. <https://doi.org/10.14710/jkt.v23i2.7048>
- Tihurua, E.F., Rahmawati, K., Agustiani, E.L., & Ardhiyani, M. (2023). Karakter Anatomi Daun Beberapa Spesies Mangrove Sejati. *Berita Biologi: Jurnal Ilmu-Ilmu Hayati*, 22(1), 111–128.
- Utteridge, T. & Bramley, G. (2020). *The Kew Tropical Plant Families Identification Handbook* (Second eds). Kew Publishing Royal Botanic Gardens.
- Vieira, M.L., Santini, L., Diniz, A.L., & Munhoz, C.F. (2016). Microsatellite Markers: What They Mean and Why They Are So Useful. *Genetics and Molecular Biology*, 39(3), 312–328. <https://doi.org/10.1590/1678-4685-GMB-2016-0027>
- Wangiyana, I.G. (2019). Comparison Of Dendrogram and Cladogram Topology Of *Gyrinops versteegii* and Others Gyrinops Member For Polyphasic Taxonomy. *Jurnal Silva Samalas*, 2(1), 13–18.
- Warsidi, & Endayani, S. (2017). Komposisi Vegetasi Mangrove di Teluk Balikpapan Provinsi Kalimantan Timur. *Jurnal Agrifor*, 16(1), 115–124.
- Wee, A. K. S., Mori, G. M., Lira, C. F., Núñez-Farfán, J., Takayama, K., Faulks, L., Shi, S., Tsuda, Y., Suyama, Y., Yamamoto, T., Iwasaki, T., Nagano, Y., Wang, Z., Watanabe, S., & Kajita, T. (2019). The integration and application of genomic information in mangrove conservation. *Conservation Biology*, 33(1), 206–209. <https://doi.org/10.1111/cobi.13140>
- Wee, A. K. S., Takayama, K., Chua, J. L., Asakawa, T., Meenakshisundaram, S. H., Onrizal, Adjie, B., Ardli, E. R., Sungkaew, S., Malekal, N. B., Tung, N. X., Salmo, S. G., Yllano, O. B., Saleh, M. N., Soe, K. K., Tateishi, Y., Watano, Y., Baba, S., Webb, E. L., & Kajita, T. (2015). Genetic differentiation and phylogeography of partially sympatric species complex *Rhizophora mucronata* Lam. and *R. stylosa* Griff. using SSR markers Phylogenetics and phylogeography. *BMC Evolutionary Biology*, 15(1), 1–13. <https://doi.org/10.1186/s12862-015-0331-3>
- Westermeier, R. (2016). *Electrophoresis in Practice: Guide to Methods and*

Applications of DNA and Protein Separations (4th editio). Wiley-Blakwell.
<https://doi.org/10.1002/9783527695188>

- Yahya, A. F., Hyun, J. O., Lee, J. H., Kim, Y. Y., Lee, K. M., Hong, K. N., & Kim, S. C. (2014). Genetic variation and population genetic structure of *Rhizophora apiculata* (Rhizophoraceae) in the greater Sunda Islands, Indonesia using microsatellite markers. *Journal of Plant Research*, *127*(2), 287–297. <https://doi.org/10.1007/s10265-013-0613-z>
- Yan, Y. Bin, Duke, N. C., & Sun, M. (2016). Comparative analysis of the pattern of population genetic diversity in three Indo-West Pacific *Rhizophora* mangrove species. *Frontiers in Plant Science*, *7*(September2016), 1–17. <https://doi.org/10.3389/fpls.2016.01434>
- Zhang, Y., Yang, Y., He, M., Wei, Z., Qin, X., Wu, Y., Jiang, Q., Xiao, Y., Yang, Y., Wang, W., & Jin, X. (2023). Comparative Chloroplast Genome Analyses Provide Insights into Evolutionary History of Rhizophoraceae mangroves. *PeerJ*, *11*. <https://doi.org/10.7717/peerj.16400>
- Zhao, K.K., Landrein, S., Barrett, R.L., Sakaguchi, S., Maki, M., Mu, W.X., Yang, T., Zhu, Z.X., Liu, H., & Wang, H.F. (2019). Phylogeographic Analysis and Genetic Structure of an Endemic Sino-Japanese Disjunctive Genus *Diabelia* (Caprifoliaceae). *Frontiers in Plant Science*, *10*(July). <https://doi.org/10.3389/fpls.2019.00913>
- Zhong, S., Yang, B., & Puri, K.D. (2011). Characterization of *Puccinia psidii* Isolates in Hawaii Using Microsatellite DNA Markers. *Journal of General Plant Pathology*, *77*(3), 178–181. .