

BIBLIOGRAPHY

- Al-Ameri, A. A., Al-Qurainy, F., Gaafar, A.-R. Z., Khan, S., & Nadeem, M. (2016). Molecular Identification of Sex in *Phoenix dactylifera* Using Inter Simple Sequence Repeat Markers. *BioMed Research International*, 2016. <https://doi.org/10.1155/2016/4530846>
- Alsubaie, B. Y. (2023). *Genetic Basis of Sexual Dimorphism in Jojoba*.
- Amiteye, S. (2021). Basic Concepts and Methodologies of DNA Marker Systems in Plant Molecular Breeding. *Heliyon*, 7(10). <https://doi.org/10.1016/j.heliyon.2021.e08093>
- Asra, R., Octavia, A., & Lisna, L. (2020). Perlindungan Pohon Induk Jernang (*Daemonorops spp.*) di Mandiangin, Jambi. *Riau Journal of Empowerment*, 3(1), 39–47. <https://doi.org/10.31258/raje.3.1.39-47>
- Asra, R., Syamsuardi, Mansyurdin, & Witono, J. R. (2012). Rasio Seks Jernang (*Daemonorops draco* (Willd.) Blume) pada Populasi Alami dan Budidaya: Implikasi untuk Produksi Biji. *Buletin Kebun Raya*, 15(1).
- Asra, R., Syamsuardi, Mansyurdin, & Witono, J. R. (2014). The Study of Genetic Diversity of *Daemonorops draco* (Palmae) using ISSR Markers. *Biodiversitas*, 15(2), 109–114. <https://doi.org/10.13057/biodiv/d150201>
- Asra, R., Syamsuardi, Mansyurdin, & Witono, J. R. (2018). Genetic Diversity in *Daemonorops draco* (Willd.) Blume (Arecaceae) Among Wild and Cultivated Populations Inferred by RAPD Markers. *SABRAO Journal of Breeding and Genetics*, 50(2), 145–155.
- Asra, R., Witono, J. R., Fijridiyanto, I., Elva, & Scheu, S. (2019). Community study of dragon's blood palm (*Daemonorops spp.*) in Harapan Rainforest, Sumatra. *Biodiversitas*, 20(12), 3632–3640. <https://doi.org/10.13057/biodiv/d201223>
- Basri, N. N., & Raihana, R. (2022). Molecular Diversity of Three *Musa acuminata* Varieties using Inter-Simple Sequence Repeat (ISSR) Markers. *Proceedings of Science and Mathematics*, 13, 82–92.
- Bornet, B., & Branchard, M. (2001). Nonanchored Inter Simple Sequence Repeat (ISSR) Markers: Reproducible and Specific Tools for Genome Fingerprinting. In *Plant Molecular Biology Reporter* (Vol. 19, Issue 3, pp. 209–215). International Society for Plant Molecular Biology. <https://doi.org/10.1007/BF02772892>

- Bunu, S. J., Otele, D., Alade, T., & Dodoru, R. (2020). Determination of serum DNA purity among patients undergoing antiretroviral therapy using NanoDrop-1000 spectrophotometer and polymerase chain reaction. *Biomedical and Biotechnology Research Journal*, 4(3), 214–219. https://doi.org/10.4103/bbj.bbj_68_20
- Collard, B. C. Y., & Mackill, D. J. (2008). Marker-Assisted Selection: An Approach for Precision Plant Breeding in The Twenty-First Century. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 363(1491), 557–572. <https://doi.org/10.1098/rstb.2007.2170>
- Dos Santos, L. F., De Oliveira, E. J., Dos Santos Silva, A., De Carvalho, F. M., Costa, J. L., & Pádua, J. G. (2011). ISSR Markers as a Tool for The Assessment of Genetic Diversity in *Passiflora*. *Biochemical Genetics*, 49(7–8), 540–554. <https://doi.org/10.1007/s10528-011-9429-5>
- Doyle, Jeff. J., & Doyle, J. L. (1987). A Rapid DNA Isolation Procedure for Small Quantities of Fresh Leaf Tissue. *Phytochemical Bulletin*, 19(1), 1115.
- Filipa-Silva, A., Castro, R., Rebelo, M., Mota, M. J., Almeida, A., Valente, L. M. P., & Gomes, S. (2024). Enhancing The Authenticity of Animal By-Products: Harmonization of DNA Extraction Methods from Novel Ingredients. *Frontiers in Chemistry*, 12. <https://doi.org/10.3389/fchem.2024.1350433>
- Gautam, A. K., Gupta, N., Bhadkariya, R., Srivastava, N., & Bhagyawant, S. S. (2016). Genetic Diversity Analysis in Chickpea Employing ISSR Markers. *Agrotechnology*, 05(02). <https://doi.org/10.4172/2168-9881.1000152>
- Gros-Balthazard, M., Battesti, V., Ivorra, S., Paradis, L., Aberlenc, F., Zango, O., Zehdi-Azouzi, S., Mousouni, S., Naqvi, S. A., Newton, C., & Terral, J. F. (2020). On The Necessity of Combining Ethnobotany and Genetics to Assess Agrobiodiversity and its Evolution in Crops: A Case Study on Date Palms (*Phoenix dactylifera* L.) in Siwa Oasis, Egypt. *Evolutionary Applications*, 13(8), 1818–1840. <https://doi.org/10.1111/eva.12930>
- Gupta, M., Chyi, Y. S., Romero-Severson, J., & Owen, J. L. (1994). Amplification of DNA Markers from Evolutionarily Diverse Genomes using Single Primers of Simple-Sequence Repeats. *Theoretical and Applied Genetics*, 89(7–8), 998–1006. <https://doi.org/10.1007/BF00224530>
- Harahap, F., Afiva, A., Jannah, M., & Prasetya, E. (2021). ISSR based analysis of genetic variability of plantlets culture of pineapple (*Ananas comosus* L.) from Sipahutar, North Sumatera, Indonesia. *Biogenesis: Jurnal Ilmiah Biologi*, 9(1), 35. <https://doi.org/10.24252/bio.v9i1.17068>

- Hassan, A. H. M., Hussein, M. H., Ibrahim, E.-S. G., El, S., & El Assal, D. S. (2020). *Characterization, Sex Identification, and Gene Expression for Fruit Quality Genes in Date Palm (Phoenix dactylifera L.)* (Vol. 20, Issue 2).
- Hony, D., & Twell, D. (2004). Transcriptome Analysis of Haploid Male Gametophyte Development in *Arabidopsis*. *Genome Biology*, 5(11). <https://doi.org/10.1186/gb-2004-5-11-r85>
- Jha, S. S., Joshi, S. J., & Geetha, S. J. (2016). Lipopeptide Production by *Bacillus subtilis* R1 and Its Possible Applications. *Brazilian Journal of Microbiology*, 47(4), 955–964. <https://doi.org/10.1016/j.bjm.2016.07.006>
- Lestari, S., Premono, B. T., & Martin, E. (2017). Rotan Jernang Sebagai Penopang Kehidupan Masyarakat: Kasus Kabupaten Muara Enim, Provinsi Sumatera Selatan. *Jurnal Penelitian Sosial Dan Ekonomi Kehutanan*, 14(3), 191–203. <https://doi.org/10.20886/jpsek.2017.14.3.191-203>
- Mahlinda, M., Thalib, A., Maurina, L., Kurniawan, R., & Supardan, M. D. (2020). Ekstraksi Getah Jernang (*Daemonorops draco*) Sistem Basah dengan Dua Tahapan Proses: Perbedaan Rendemen dan Mutu. *Jurnal Riset Industri Hasil Hutan*, 12(1), 29. <https://doi.org/10.24111/jrihh.v12i1.5924>
- Mairida, D., Muhadiono, M., & Hilwan, I. (2016). Ethnobotanical Study of Rattans on Suku Anak Dalam Community in Bukit Duabelas Nasional Park. *Biosaintifika: Journal of Biology & Biology Education*, 8(1), 64. <https://doi.org/10.15294/biosaintifika.v8i1.5164>
- Mansyurdin. (2024). *Embriologi dan Biologi Reproduksi Tumbuhan : Pembungan dan Ekspresi Seks Tumbuhan (I)*. Andalas University Press.
- Ming, R., Wang, J., Moore, P. H., & Paterson, A. H. (2007). Sex Chromosomes in Flowering Plants. *American Journal of Botany*, 94(2), 141–150. <https://doi.org/10.3732/ajb.94.2.141>
- Mudaningrat, A., Umaya, F., Ayu Afidhila Syahriza, F., Ulung Anggraito, Y., & Setiati, N. (2023). Literature Review: Aplikasi Penanda Molekuler untuk Analisis Keanekaragaman Genetik Hewan. *Biopendix*, 10(1), 11–25.
- Naqvi, S. A., Shafqat, W., Haider, M. S., Awan, F. S., Khan, I. A., & Jaskani, M. J. (2021). *Gender Determination of Date Palm* (J. M. Al-Khayri, S. M. Jain, & D. V. Johnson, Eds.; pp. 161–177). Springer International Publishing. https://doi.org/10.1007/978-3-030-73746-7_7
- Nopriansyah, A., Aluyah, C., & Sosilawati, E. (2021). Respon Pertumbuhan Tanaman Rotan Jernang (*Daemonorops draco* Willd.) Umur 3 Tahun Terhadap Intensitas Cahaya di Bawah Tegakan Campuran di KHDTK Kemampo Kabupaten

- Banyuasin. *Sylva: Jurnal Ilmu-Ilmu Kehutanan*, 10(1), 12. <https://doi.org/10.32502/sylva.v10i1.3508>
- Nosrati, H., Husainpourfeizi, M. A., Khorasani, M., Razban-Haghghi, A., & Nikniazi, M. (2013). Sex Ratio and Genetic Diversity in The Dioecious *Pistacia atlantica* (Anacardiaceae). *Journal of Agrobiology*, 29(1), 41–46. <https://doi.org/10.2478/v10146-012-0006-2>
- O'Neill, M., McPartlin, J., Arthure, K., Riedel, S., & McMillan, N. D. (2011). Comparison of The TLDA With The Nanodrop and The Reference Qubit System. *Journal of Physics: Conference Series*, 307(1). <https://doi.org/10.1088/1742-6596/307/1/012047>
- Patil, A. M., & Daspute, A. A. (2019). Identification and Validation of Sex Specific DNA Markers in Date Palm (*Phoenix Dactylifera* L.) Using RAPD Markers. *Journal of Advances in Science and Technology*, 16(1), 220–228. <https://doi.org/10.13140/RG.2.2.23809.02408>
- Pimenta, J. M. A., Felix, F. C., De Araujo, J. S. O., Fajardo, C. G., & Pacheco, M. V. (2022). Selection of ISSR Molecular Primers for Studies of Genetic Diversity in *Handroanthus impetiginosus* (Mart. Ex Dc.) Mattos. *Revista Caatinga*, 35(1), 231–238. <https://doi.org/10.1590/1983-21252022v35n124rc>
- Putri, S. N., Rasnovi, S., & Andini Rita. (2020). Studi Variasi Morfologi Jenis Rotan Penghasil Jernang (*Daemonorops* spp.) di Kecamatan Kuta Panang Kabupaten Aceh Tengah. *Jurnal Ilmiah Mahasiswa Pertanian*, 5(4), 150–168. www.jim.unsyiah.ac.id/JFP
- Qian, W., Ge, S., & Hong, D. Y. (2001). Genetic Variation Within and Among Populations of A Wild Rice *Oryza granulata* from China Detected by RAPD and ISSR Markers. *Theoretical and Applied Genetics*, 102(2–3), 440–449. <https://doi.org/10.1007/s001220051665>
- Reddy, M. P., Sarla, N., & Siddiq, E. A. (2002). Inter Simple Sequence Repeat (ISSR) Polymorphism and its Application in Plant Breeding. *Euphytica*, 128(1), 9–17. <https://doi.org/10.1023/A:1020691618797>
- Rizko, N., Kusumaningrum, H. P., Ferniah, R. S., Pujiyanto, S., Erfianti, T., Mawarni, S. N., Rahayu, H. T., & Khairunnisa, D. (2020). Isolasi DNA Daun Jeruk Bali Merah (*Citrus maxima* Merr.) dengan Modifikasi Metode Doyle and Doyle. *Berkala Bioteknologi*, 3(2).
- Rustiami, H., Mogea, J. P., & Tjitrosoedirdjo, S. S. (2011). Revision of The Rattan Genus *Daemonorops* (Palmae: Calamoideae) in Sulawesi Using A Phenetic Analysis Approach. *Garden's Bulletin Singapore*, 1 & 2, 1730.

- Rustiami, H., Setyowati, F. M., & Kartawinata, K. (2004). Taxonomy and Uses of *Daemonorops draco* (Willd.) Blume. *Journal of Tropical Ethnobiology*, 1(2), 65–75.
- Sarmah, P., Barua, V. J., Nath, J., Sarma, R. N., Kurian, B., Hemanthkumar, A. S., & Sabu, K. K. (2017). ISSR and SSR Markers Reveal Sex-Specific DNA Sequences in Three *Calamus* Species from India. *Agroforestry Systems*, 91(3), 509–513. <https://doi.org/10.1007/s10457-016-9952-9>
- Sarmah, P., & Sarma, R. N. (2011). Identification of A DNA Marker Linked to Sex Determination in *Calamus tenuis* Roxb., An Economically Important Rattan Species in Northeast India. *Molecular Breeding*, 27(1), 115–118. <https://doi.org/10.1007/s11032-010-9510-5>
- Shen, X. L., Zhang, Y. M., Xue, J. Y., Li, M. M., Lin, Y. B., Sun, X. Q., & Hang, Y. Y. (2016). Analysis of Genetic Diversity of *Brassica rapa* Var. Chinensis Using ISSR Markers and Development of SCAR Marker Specific for Fragrant Bok Choy, A Product of Geographic Indication. *Genetics and Molecular Research*, 15(2). <https://doi.org/10.4238/gmr.15027557>
- Stavridou, E., Karamichali, I., Siskas, E., Bosmali, I., Osanthanunkul, M., & Madesis, P. (2024). Identification of Sex-Associated Genetic Markers in *Pistacia lentiscus* var. *chia* for Early Male Detection. *Genes*, 15(5). <https://doi.org/10.3390/genes15050632>
- Sulasmi, I. S., Nisyawati, Purwanto, Y., & Fatimah, S. (2012). Jernang Rattan (*Daemonorops draco*) Management by Anak Dalam Tribe in Jebak Village, Batanghari, Jambi Province. *Biodiversitas Journal of Biological Diversity*, 13(3). <https://doi.org/10.13057/biodiv/d130309>
- Syafitri, D. S. (2023). *Keanekaragaman Genetik Jernang Kalumuai (Calamus longipes Griff.) dengan Menggunakan Marka Inter Simple Sequence Repeat (ISSR)*. Universitas Jambi.
- Waluyo, T. K. (2013). Perbandingan Sifat Fisiko-Kimia 5 Jenis Jernang (Comparative Study on Physico-Chemical Properties of 5 Dragon's Blood Species). *Jurnal Penelitian Hasil Hutan*, 31(2), 141–150.
- Waluyo, T. K., & Pasaribu, G. (2013). Aktifitas Antioksidan dan Antikoagulasi Resin Jernang. *Jurnal Penelitian Hasil Hutan*, 31(4), 306–315.
- Waluyo, T. K., & Wibowo, S. (2018). Dracorhodin: A Potential Marker Compound for Detecting The Presence of Dragon's Blood Resin from *Daemonorops* Originated from Indonesia. *Biodiversitas*, 19(5), 1665–1671. <https://doi.org/10.13057/biodiv/d190510>

- Weeden, N. F., Hemmatt, M., Lawson, D. M., Lodhi, M., Bell, R. L., Manganaris, A. G., Reischs, B. I., Brown, S. K., & Ye, G.-N. (1994). Development and Application of Molecular Marker Linkage Maps in Woody Fruit Crops. *Euphytica*, 77(1–2), 71–75. <https://doi.org/10.1007/BF02551464>
- Yang, L., Khan, M. A., Mei, Z., Yang, M., Zhang, T., Wei, C., Yang, W., Li, Z., Long, Y., & Fu, J. (2014). Development of RAPD-SCAR Markers for *Lonicera japonica* (Caprifoliaceae) Variety Authentication by Improved RAPD and DNA Cloning. *Rev. Biol. Trop. (Int. J. Trop. Biol.)* ISSN, 62(4), 1649–1657. <http://bioinfo.ut.ee/>
- Yanpeng, Z., Hongmei, W., Wei, L., Khayatnezhad, M., & Faisal. (2021). Genetic Diversity and Relationships Among *Salvia* Species by ISSR Markers. *Genetika*, 53(2), 559–574. <https://doi.org/10.2298/GENS2102559Y>
- Yetty, Hariyadi, B., & Murni, P. (2013). Studi Etnobotani Jernang (*Daemonorops* spp.) pada Masyarakat Desa Lamban Sigatal dan Sepintun Kecamatan Pauh Kabupaten Sarolangun Jambi. *Biospecies*, 6(1), 38–43.
- Younis, R. A. A., Ismail, O. M., & Soliman, S. S. (2008). Identification of Sex-specific DNA Markers for Date Palm (*Phoenix dactylifera* L.) using RAPD and ISSR Techniques. *Research Journal of Agriculture and Biological Sciences*, 4(4), 278–284. <https://www.researchgate.net/publication/267818265>
- Yusnelti, & Muhammin. (2019). Utilization of Jernang Resin (*Daemonorops draco*) as the Basic Material for Making Liquid Wound Medicine. *Journal of Physics: Conference Series*, 1338(1). <https://doi.org/10.1088/1742-6596/1338/1/012011>