

DAFTAR PUSTAKA

- Abarca, Roberto Maldonado. 2021. “Keanekaragaman Tumbuhan Paku (Pteridophyta) Di Kawasan Air Terjun Malaka Desa Lam Ara Tunong Kabupaten Aceh Besar Sebagai Referensi Pembelajaran Kingdom Plantae Di Man 1 Aceh Besar.” *Nuevos Sistemas de Comunicación e Información* 2013–15.
- Abdullah, Ramli. 2012. “Pembelajaran Berbasis Pemanfaatan Sumber Belajar.” *Jurnal Ilmiah Didaktika: Media Ilmiah Pendidikan Dan Pengajaran* 12(2).
- Achmad, Amran, Putu Oka Ngakan, Anwar Umar, and Asrianny Asrianny. 2013. “Potensi Keanekaragaman Satwaliar Untuk Pengembangan Ekowisata Di Laboratorium Lapangan Konservasi Sumberdaya Hutan Dan Ekowisata Hutan Pendidikan Unhas.” *Jurnal Penelitian Kehutanan Wallacea* 2(2):79–92.
- Adnriani, Ade. 2020. “Analisis Kadar Logam Merkuri (Hg) Pada Tumbuhan Paku (Pityrogramma Calomelanos L) Sebagai Bioakumulator Di Kawasan Pertambangan Emas Desa Panton Luwas.”
- Agatha, S. M., K. A. Safitri, A. Pulungan, Maskana, and A. Sedayu. 2019. *Panduan Lapangan Paku-Paku (Pteridophyta) Taman Margasatwa Ragunan*.
- Agustina, Lily. 2004. *Dasar Nutrisi Tanaman*. Rineka Cipta.
- Aini, Syifa Qurattal, Siti Ifadatin, and Zulfa Zakiah. 2022. “KARAKTERISTIK MORFOLOGI PADA TUMBUHAN PAKU Nephrolepis Biserrata (Sw.) Schott DAN Nephrolepis Exaltata (L.) Schott DI KAWASAN KAMPUS UNIVERSITAS TANJUNGPURA.” *Jurnal Protobiont* 11(1).
- Akter, Saleha, Md Monir Hossain, Ismot Ara, and Parvez Akhtar. 2014. “Investigation of in Vitro Antioxidant, Antimicrobial and Cytotoxic Activity of Diplazium Esculentum (Retz.) Sw.” *Int J Adv Pharm Biol Chem* 3(3):723–33.
- Ambeng, Ariyanti Fajar, Amati Nurkhilisa, Wana Lestari Dian, Ayub Wirabuana Putra, and Eka Putra Abas Agusrahman. 2023. “Struktur Komunitas Gastropoda Pada Ekosistem Mangrove Di Pulau Pannikiang.” *Bioma : Jurnal Biologi Makassar*.
- ANDRIANUS, DWIKI. 2019. “KOMPOSISI JENIS TUMBUHAN PAKU (Pteridophyta) PADA AREA BEKAS KEBAKARAN DI LERENG BARAT LAUT GUNUNG BULU’BAWAKARAENG KECAMATAN TINGGIMONCONG KABUPATEN GOWA.”
- Anufia, Budur, and Thalha Alhamid. 2019. “Instrumen Pengumpulan Data.”
- Astuti, Fitri Kusuma, M. Murningsih, and J. Jumari. 2018. “Keanekaragaman Jenis Tumbuhan Paku (Pteridophyta) Di Jalur Pendakian Selo Kawasan Taman Nasional Gunung Merbabu, Jawa Tengah.” *Bioma : Berkala Ilmiah Biologi*. doi: 10.14710/bioma.20.1.25-30.

- Asyhar, Rayandra. 2021. "Kreatif Mengembangkan Media Pembelajaran."
- Asyroqowati Ainul, Vega. 2021. "Keanekaragaman Tumbuhan Berbiji Di Kawasan Cagar Alam Gunung Burangrang Kabupaten Subang Jawa Barat."
- Azizah, Nur. 2016. "Karakter Morfologi Paku Pisik Naga (Pyrrosia Piloselloides) Pada Pohon Inang Berbeda."
- Baharuddin, Aifaa Akmal, R. A. Roosli, Zainul Amiruddin Zakaria, and Siti Farah Md Tohid. 2021. "Dicranopteris Linearis A Potential Medicinal Plant with Anticancer Properties." *Boletín Latinoam. Y Del Caribe De Plantas Med. Y Aromáticas* 20:28–37.
- BMKG. 2024. "Perkiraan Cuaca Jawa Barat Indonesia." Retrieved (<https://www.bmkg.go.id/cuaca/prakiraan-cuaca-indonesia.bmkg?Prov=10&NamaProv=Jawa Barat>).
- Bomfleur, Benjamin, Guido W. Grimm, and Stephen McLoughlin. 2017. "The Fossil Osmundales (Royal Ferns)—a Phylogenetic Network Analysis, Revised Taxonomy, and Evolutionary Classification of Anatomically Preserved Trunks and Rhizomes." *PeerJ* 5:e3433.
- Bornhorst, Heidi Leianuenue. 2005. *Growing Native Hawaiian Plants: A How-to Guide for the Gardener*. Bess Press.
- Borrego, A. 2021. "KEANEKARAGAMAN TUMBUHAN PAKU (PTERIDOPHYTA) DI HUTAN GLE TARON, KAWASAN MATA IE KABUPATEN ACEH BESAR." *Wirdawati*.
- Brownsey, Pat, and Leon Perrie. 2016. "Re-Evaluation of the Taxonomic Status of Christella Dentata (Thelypteridaceae) Supports Recognition of One Species in New Zealand." *Tuhinga* 27:50–55.
- Campbell, Neil A., and Jane B. Reece. 2012. "Biologi Edisi 8 Jilid 2 Terj." *Damarina Tyas Wulandari* (Jakarta: Erlangga, 2008).
- Chai, Tsun-Thai, and Fai-Chu Wong. 2012. "Antioxidant Properties of Aqueous Extracts of Selaginella Willdenowii." *Journal of Medicinal Plants Research* 6(7):1289–96.
- Chiramongkolgaran, Urai. 2009. "Menanam Pakis (Easy Fern)."
- Clapham, Arthur Roy, Thomas Gaskell Tutin, and Edmund Fredric Warburg. 1968. *Excursion Flora of the British Isles: AR Clapham, TG Tutin and EF Warburg*. Cambridge University Press.
- Cobb, Boughton, Elizabeth Farnsworth, and Cheryl Lowe. 2005. *A Field Guide to Ferns and Their Related Families: Northeastern and Central North America*. Vol. 2. Houghton Mifflin Harcourt.
- Cranbrook, Gathorne Gathorne-Hardy, and David S. Edwards. 1994. *A Tropical Rainforest: The Nature of Biodiversity in Borneo at Belalong, Brunei*. VVB

Laufersweiler.

- Danh, Luu Thai, Paul Truong, Raffaella Mammucari, and Neil Foster. 2014. "A Critical Review of the Arsenic Uptake Mechanisms and Phytoremediation Potential of *Pteris Vittata*." *International Journal of Phytoremediation* 16(5):429–53.
- Darma, I. D. P., and I. N. Peneng. 2007. "Inventarisasi Tumbuhan Paku Di Kawasan Taman Nasional Laiwangi-Wanggameti Sumba Timur, Waingapu, NTT." *Biodiversitas* 8(3):242–48.
- Darnaedi, Dedy, and Lynn Clayton. 2020. "THE NANTU PLATYCERIUM GRANDE (POLYPODIACEAE), A NEW GENERIC RECORD OF PLATYCERIUM IN SULAWESI, INDONESIA." *REINWARDTIA* 19(2):81–85.
- Davidse, G., M. Sousa Sánchez, and S. Knapp. 1995. "Psilotaceae a Salviniaceae. 1: I–Xxi, 1–470." *Fl. Mesoamer. Universidad Nacional Autónoma de México, México, DF.*
- Destaranti, Nadi, Sulistyani Sulistyani, and Edy Yani. 2017. "STRUKTUR DAN VEGETASI TUMBUHAN BAWAH PADA TEGAKAN PINUS DI RPH KALIRAJUT DAN RPH BATURRADEN BANYUMAS." *Scripta Biologica*. doi: 10.20884/1.sb.2017.4.3.407.
- Devi, Y. S., and P. K. Singh. 2011. "Additional Notes on Spore Morphology of Two *Huperzia* (Lycopodiaceae) Species and Systematic Significance." *Research Journal of Botany* 6(2):78–86.
- DEVY, ANITA CHANDRA. 2016. "Keanekaragaman Dan Kelimpahan Tumbuhan Paku Di Kawasan Taman Hutan Raya Ir. H. Djuanda Dago Pakar Bandung."
- Dion, Carine, Christian Haug, Haifeng Guan, Christophe Ripoll, Peter Spiteller, Aurelie Coussaert, Elodie Boulet, Daniel Schmidt, Jianbing Wei, and Yijun Zhou. 2015. "Evaluation of the Anti-Inflammatory and Antioxidative Potential of Four Fern Species from China Intended for Use as Food Supplements." *Natural Product Communications* 10(4):1934578X1501000416.
- Efendi, Muhammad, Tri Cahyanto, and Dian Muhamad Ramdan. 2022. "Keanekaragaman Tumbuhan Berbiji Di Blok Malagembol Cagar Alam Gunung Tilu Jawa Barat." *Jurnal Penelitian Hutan Dan Konservasi Alam*. doi: 10.20886/jphka.2022.19.1.1-31.
- Egra, Saat, Tohru Mitsunaga, and Harlinda Kuspradini. 2021. "Antioxidant and Antimicrobial Activity: The Potency of *Selaginella Intermedia* Leaves Against Oral Pathogen." Pp. 293–97 in *Joint Symposium on Tropical Studies (JSTS-19)*. Atlantis Press.
- Ewuisse, J. Y. 1990. "Pengantar Ekologi Hutan Tropika, Terjemahan Usman Tanujaya." *Institut Teknologi Bandung*.

- Faizal, Ahmad, Intan Taufik, Anisah Firda Rachmani, and Alda Wydia Prihartini Azar. 2020. "Antioxidant and Antibacterial Properties of Tree Fern Cyathea Contaminans." *Biodiversitas Journal of Biological Diversity* 21(5).
- Febriyani, Husnarika, Melfa Aisyah Hutasuhut, and Nurul Lita Handayani. 2022. "Keanekaragaman Tumbuhan Paku Di Taman Nasional Batang Gadis Resort 7 Sopotinjak Sumatera Utara." *SITek (Jurnal Sains, Informasi Dan Teknologi)* 1(1):7–12.
- Flora of China. 2023. "Odontosoria Chinensis (Linnaeus) J. Smith, Bot. Voy. Herald." [Www.EFloras.Org](http://www.efloras.org/florataxon.aspx?flora_id=2&taxon_id=242334214) 2–3. Retrieved (http://www.efloras.org/florataxon.aspx?flora_id=2&taxon_id=242334214).
- Garsetiasih, R., Anita Rianti, and Nur Muhammad Heriyanto. 2018. "POTENSI TUMBUHAN BAWAH PADA TEGAKAN HUTAN TANAMAN Acacia Crassicarpa A. Cunn. Ex Benth SEBAGAI PAKAN GAJAH DAN PENYIMPAN KARBON DI KABUPATEN OGAN KOMERING ILIR." *Jurnal Penelitian Hutan Tanaman*. doi: 10.20886/jpht.2018.15.2.97-111.
- GBIF. 2022. "Stenochlaena Palustris (Burm.Fil.) Bedd." *Global Biodiversity Information Facility - Taxonomy*. Retrieved (<https://www.gbif.org/species/4079023>).
- GBIF. 2023a. "Adiantum Polyphyllum Willd." *Global Biodiversity Information Facility - Taxonomy*. Retrieved (<https://www.gbif.org/species/7335723>).
- GBIF. 2023b. "Christella Dentate (Forssk.)." *Global Biodiversity Information Facility - Taxonomy*. Retrieved (<https://www.gbif.org/species/7160028>).
- GBIF. 2023c. "Diplazium Esculentum (Retz.) Sw." *Global Biodiversity Information Facility - Taxonomy*. Retrieved (<https://www.gbif.org/species/2650858>).
- GBIF. 2023d. "Haplopteris Elongate (Sw.) E.H.Crane." *Global Biodiversity Information Facility - Taxonomy*. Retrieved (<https://www.gbif.org/species/4047699>).
- GBIF. 2023e. "Phlegmariurus Nummularifolius (Blume) Ching." *Global Biodiversity Information Facility - Taxonomy*. Retrieved (<https://www.gbif.org/species/8407671>).
- GBIF. 2023f. "Pyrrosia Piloselloides (L.) M.G.Price." *Global Biodiversity Information Facility - Taxonomy*. Retrieved (<https://www.gbif.org/species/5647918>).
- GBIF. 2023g. "Selaginella Erythropus (Mart.) Spring." *Global Biodiversity Information Facility - Taxonomy*. Retrieved (<https://www.gbif.org/species/7329831>).
- GBIF. 2023h. "Selaginella Intermedia (Blume) Spring." *Global Biodiversity Information Facility - Taxonomy*. Retrieved

- (<https://www.gbif.org/species/7329855>).
- GBIF. 2023i. "Selaginella Ornata (Hook & Grev.) Spring." *Global Biodiversity Information Facility - Taxonomy*. Retrieved (<https://www.gbif.org/species/8084997>).
- GBIF. 2023j. "Tectaria Heracleifolia (Willd.) Underw." *Global Biodiversity Information Facility - Taxonomy*. Retrieved (<https://www.gbif.org/species/5275164>).
- Gogoi, R., and M. K. Das. 2002. "Ethnobotanical Studies of Some Ferns Used by the Garo Tribals of Meghalaya." *Advances in Plant Sciences* 15(2):403–6.
- Gunawan, Gunawan, and Nurul Huda. 2021. "Keanekaragaman Dan Pola Distribusi Tumbuhan Paku Di Taman Hutan Raya Sultan Adam Mandiangin." *BIOSCIENTIAE* 17(2):26–36.
- Gunawan, Wawan, Sambas Basuni, Andry Indrawan, Lilik Budi Prasetyo, and Herwasono Soedjito. 2011. "Analisis Komposisi Dan Struktur Vegetasi Terhadap Upaya Restorasi Kawasan Hutan Taman Nasional Gunung Gede Pangrango." *Jurnal Pengelolaan Sumberdaya Alam Dan Lingkungan (Journal of Natural Resources and Environmental Management)* 1(2):93.
- Hanum, Siti Fatimah, Ema Hendriyani, and Agung Kurniawan. 2014. "Daerah Penyebaran, Populasi Dan Habitat Paku Pohon (Cyathea Spp. Dan Dicksonia Spp.) Di Bali." *Indonesian Forest Rehabilitation Journal* 2(2):111–22.
- Hartini, Sri. 2008. "Huperzia Sp. Di Kebun Raya Bogor." *LIPI* 8(1):7.
- Hartini, Sri. 2015. "Angiopteris Evecta (G. Forst.) Hoffm. Pakis Raksasa Nan Memesona." *Warta Kebun Raya* 13(1):24–29.
- HIDAYATULLAH, AGUNG FAUZI. 2015. "IDENTIFIKASI TUMBUHAN PAKU (Pteridophyta) DI KAWASAN AIR TERJUN TANCAK KEMBAR KABUPATEN BONDOWOSO SEBAGAI SUMBER BELAJAR BIOLOGI."
- Hoshizaki, Barbara Joe, and Robbin C. Moran. 2001. "Fern Grower's Manual. Portland."
- Imaniar, Relita. 2017a. "Identifikasi Keanekaragaman Tumbuhan Paku Di Kawasan Air Terjun Kapas Biri Kecamatan Pronowijo Kabupaten Lumejang Tahun 2017 Serta Pemanfaatannya Sebagai Booklet." *Digital Repository Universitas Jember* 1–167.
- Imaniar, Relita. 2017b. "Identifikasi Keanekaragaman Tumbuhan Paku Di Kawasan Air Terjun Kapas Biri Kecamatan Pronojiwo Kabupaten Lumajang Tahun 2017 Serta Pemanfaatannya Sebagai Booklet."
- Insafitri, I. 2010. "Keanekaragaman, Keseragaman, Dan Dominansi Bivalvia Di Area Buangan Lumpur Lapindo Muara Sungai Porong." *Jurnal Kelautan: Indonesian Journal of Marine Science and Technology* 3(1):54–59.

- ITIS. 2022. “Divisi Tracheophyta.” *Integrated Taxonomy Information System*. Retrieved
(https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=846496#null).
- ITIS. 2023a. “Angiopteris Evecta (G. Forst) Hoffm.” *Integrated Taxonomy Information System*. Retrieved
(https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=184019#null).
- ITIS. 2023b. “Asplenium Nidus L.” *Integrated Taxonomy Information System*. Retrieved
(https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=17398#null).
- ITIS. 2023c. “Cyathea Contaminans (Wall. Ex Hook.) Copel.” *Integrated Taxonomy Information System*. Retrieved
(https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=914273#null).
- ITIS. 2023d. “Cyathea Tortuosa R.C. Moran.” *Integrated Taxonomy Information System*. Retrieved
(https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=914744#null).
- ITIS. 2023e. “Dicranopteris Linearis (Burm. f.) Underw.” *Integrated Taxonomy Information System*. Retrieved
(https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=17964#null).
- ITIS. 2023f. “Huperzia Phlegmaria (L.) Rothm.” *Integrated Taxonomy Information System*. Retrieved
(https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=819493#null).
- ITIS. 2023g. “Macrothelypteris Torresiana (Gaudich.) Ching.” *Integrated Taxonomy Information System*. Retrieved
(https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=503649#null).
- ITIS. 2023h. “Microgramma Piloselloides (L.) Copel.” *Integrated Taxonomy Information System*. Retrieved
(https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=17600#null).
- ITIS. 2023i. “Nephrolepis Biserrata (Sw.) Schott.” *Integrated Taxonomy Information System*. Retrieved
(https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=17603#null).

- ITIS. 2023j. “Odontosoria Chinensis (L.) J. Sm.” *Integrated Taxonomy Information System*. Retrieved (https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=507520#null).
- ITIS. 2023k. “Pityrogramma Calomelanos (L.) Link.” *Integrated Taxonomy Information System*. Retrieved (https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=17661#null).
- ITIS. 2023l. “Pteridium Aquilinum (L.) Kuhn.” *Integrated Taxonomy Information System*. Retrieved (https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=17224#null).
- ITIS. 2023m. “Pteris Vittata L.” *Integrated Taxonomy Information System*. Retrieved (https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=17706#null).
- ITIS. 2023n. “Ptisana Attenuate (Labil.) Murdock.” *Integrated Taxonomy Information System*. Retrieved (https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=897980#null).
- ITIS. 2023o. “Selaginella Plana (Desv. Ex Poir.) Hieron.” *Integrated Taxonomy Information System*. Retrieved (https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=505112#null).
- ITIS. 2023p. “Selaginella Willdenowii (Dest. Ex Poir.).” *Integrated Taxonomy Information System*. Retrieved (https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=505115#null).
- Jabarprov. 2023. “RENCANA KERJA PEMERINTAH DAERAH (RKPD) PROVINSI JAWA BARAT TAHUN 2023.” 59–497. Retrieved ([https://file.jabarprov.go.id/live/media/img/1694571438-RKPD-Jabar-2023--Part-2-\(Hal-59-497\).pdf](https://file.jabarprov.go.id/live/media/img/1694571438-RKPD-Jabar-2023--Part-2-(Hal-59-497).pdf)).
- Jamsuri. 2007. “Keanekaragaman Tumbuhan Paku Di Sekitar Curug Cikaracak, Bogor, Jawa Barat.” *Skripsi Program Studi Biologi, Fakultas Sains Dan Teknologi, Universitas Islam Negeri Syarif Hidayatullah Jakarta, 2007. Tumbuhan.*
- Jannah, Miftakhul, Wahyu Prihanta, and Eko Susetyorini. 2015. “Identifikasi Pteridophyta Di Piket Nol Pronojiwo Lumajang Sebagai Sumber Belajar Biologi.” *JPBI (Jurnal Pendidikan Biologi Indonesia)* 1(1).
- JSTOR. 2011. “Isotype Cyathea Tortuosa R.C. Moran [Family

- CYATHEACEAE].” *Journal Storage* 1. Retrieved (<https://plants.jstor.org/stable/10.5555/al.ap.specimen.qcne175>).
- Katili, Abubakar Sidik. 2013. “Deskripsi Pola Penyebaran Dan Faktor Bioekologis Tumbuhan Paku (Pteridophyta) Di Kawasan Cagar Alam Gunung Ambang Sub Kawasan Kabupaten Bolaang Mongondow Timur.” *Jurnal Sainstek* 7(02).
- Kimball, John W. 1999. “Biologi Jilid Tiga.”
- Komaria, Nurul. 2015. “Identifikasi Dan Inventarisasi Tumbuhan Paku Epifit Di Lingkungan Kampus Universitas Jember Untuk Penyusunan Buku Nonteks.”
- Krisnawati, Yuni, Yunita Wardianti, and Yuli Febrianti. 2021. “Data Baru Dari Marga Selaginella.” *BIOEDUSAINS: Jurnal Pendidikan Biologi Dan Sains* 4(2):402–9.
- Kumar, Sanjeet, and Dhanalaxmi Dash. 2012. “Flora of Nandan Kanan Sanctuary: Medicinal Plants with Their Role in Health Care.” *International Journal of Pharmacy & Life Sciences* 3(4).
- KURNIASIH, YUNITA. 2019. “Keanekaragaman Jenis Tumbuhan Paku Terestrial Di Kawasan Hutan Dengan Tujuan Khusus (KHDTK) Banten.” *Biosfer: Jurnal Biologi Dan Pendidikan Biologi* 4(1):6–12.
- Kurniawati, Eka, Wisanti, and Fida Rachmadiarti. 2016. “Keanekaragaman Pteridophyta Di Kawasan Hutan Wisata Air Terjun Girimanik Kabupaten Wonogiri Pteridophyta Diversity in the Area of the Forest Tourism of Waterfall Girimanik Kabupaten Wonogiri.” *Lentera Bio*.
- Laeto, Arwan Bin, and Fahmil Ikhsan Taharu. 2021. “Keanekaragaman Jenis Tumbuhan Paku (Pteridophyta) Berdasarkan Topografi Di Kawasan Hutan Suaka Margasatwa Lambusango Kabupaten Buton.” *Sang Pencerah: Jurnal Ilmiah Universitas Muhammadiyah Buton*. doi: 10.35326/pencerah.v7i1.961.
- Lestari, Indri, Murningsih Murningsih, and Sri Utami. 2019. “Keanekaragaman Jenis Tumbuhan Paku Epifit Di Hutan Petungkriyono Kabupaten Pekalongan, Jawa Tengah.” *NICHE Journal of Tropical Biology* 2(2):14–21.
- Loveless, Arthur Raymond, Kuswata Kartawinata, Sarkat Danimiharja, and Usep Soetisna. 1989. “Prinsip-Prinsip Biologi Tumbuhan Untuk Daerah Tropik 2.”
- Lubis, Siti Rahma. 2009. “Keanekaragaman Dan Pola Distribusi Tumbuhan Paku Di Hutan Wisata Alam Taman Eden Kabupaten Toba Samosir Provinsi Sumatera Utara.” *Tesis Hlm* 110.
- Lubis, Siti Rahmah. 2009. “Keanekaragaman Dan Pola Distribusi Tumbuhan Paku Di Hutan Wisata Alam Taman Eden Kabupaten Toba Samosir Provinsi Sumatera Utara.”
- Luna-Rodríguez, A. K., M. A. Zenil-Zenil, S. Cristians, A. M. Osuna-Fernández, and H. R. Osuna-Fernández. 2022. “Evaluation of the Hypoglycemic Effect of *Tectaria Heracleifolia* (Willd.) Underw. in Mice with Induced Type 2

- Diabetes.” *Polibotánica* (54):203–17.
- Mackinnon, K., Gt Hatta, H. Halim, and A. Mangalik. 2000. “Seri Ekologi Indonesia, Buku III: Ekologi Kalimantan.” *Prenhallindo*. Jakarta.
- Majid, Abdul, Aulia Ajizah, and Sri Amintarti. 2022. “Keragaman Tumbuhan Paku (Pteridophyta) Di Taman Biodiversitas Hutan Hujan Tropis Mandiangin.” *Jurnal Al-Azhar Indonesia Seri Sains Dan Teknologi* 7(2):102–12.
- Makhfiroh, Dewi Yumaidah, and Titik Suryani. 2020. “Inventarisasi Tumbuhan Paku Terestrial Di Kawasan Hutan Gunung Lawu Via Jalur Pendakian Klasik Singolangu Sarangan Kabupaten Magetan.”
- Marfi, Wa Ode Ernawati. 2018. “Identifikasi Dan Keanekaragaman Jenis Tumbuhan Bawah Pada Hutan Tanaman Jati (*Tectona Grandis* L.f.) Di Desa Lamorende Kecamatan Tongkuno Kabupaten Muna.” *Agrikan: Jurnal Agribisnis Perikanan*. doi: 10.29239/j.agrikan.11.1.71-82.
- Marrs, R. H., and A. S. Watt. 2006. “Biological Flora of the British Isles: *Pteridium Aquilinum* (L.) Kuhn.” *Journal of Ecology* 94(6):1272–1321.
- Melati, Arum. 2013. “Faktor-Faktor Yang Mempengaruhi Tingkat Sewa Sukuk Ijarah.” *Accounting Analysis Journal* 2(2).
- Menira, Kardinan. 2000. “Penambahan Daya Tumbuh Alam.”
- Mentari, Deyan. 2019. “Keanekaragaman Tumbuhan Paku (Pteridophyta) Di Kawasan Air Terjun Malaka Desa Lam Ara Tunong Kabupaten Aceh Besar Sebagai Referensi Pembelajaran Kingdom Plantae Di MAN 1 Aceh Besar.[Skripsi].” *Universitas Islam Negeri Ar-Raniry Banda Aceh*.
- Mondal, Sumanta, Debjit Ghosh, Seru Ganapaty, Onkar Manna, Mora Venkata Reddy, and Vankayalapati Revanth. 2016. “Evaluation of Analgesic, Antipyretic and Anti-Inflammatory Effects of Ethanol Extract from a Fern Species *Macrothelypteris Torresiana* (Gaudich) Aerial Parts.” *Pharmacognosy Communications* 6(2).
- Moran, Robbin Craig. 2004. *Natural History of Ferns*. Timber Press.
- Morat, Philippe, Tanguy Jaffré, Frédéric Tronchet, Jérôme Munzinger, Yohan Pillon, Jean-Marie Veillon, Monique Chalopin, Philippe Birnbaum, Frédéric Rigault, and Gilles Dagostini. 2011. “Le Référentiel Taxonomique Florical et Les Caractéristiques de La Flore Vasculaire Indigène de La Nouvelle-Calédonie.” *Adansonia* 34(2):179–221.
- Murniningtyas, E., D. Wahyuningsih, and S. S. Effendy. 2016. “Indonesian Biodiversity Strategy and Action Plan, 2015–2020.”
- Mustacisa-Lacaba, M. M., A. B. Dejarme, and M. B. Albina. 2021. “Preparation, Sensory Evaluation and Effectiveness of Philippine Tree Fern (*Cyathea Contaminans*) as Anti-Spasm Oil.” *International Journal of Agricultural Technology* 17(4):1461–70.

- Naisumu, Yolanda Getrudis. 2018. "Komposisi Dan Keanekaragaman Jenis Pohon Di Hutan Lindung Lapeom Kabupaten Timor Tengah Utara." *Jurnal Saintek Lahan Kering* 1(1):4–6.
- Nasional-LIPI, Lembaga Biologi. 1980. *Jenis Paku Indonesia*.
- Nath, Kathakali, M. K. Bhattacharya, Aniruddha Sen, and Sanjib Kar. 2013. "Antibacterial Activity of Frond Extract of Asplenium Nidus L., a Threatened Ethnomedicinal Fern of North East India." *International Journal of Pharmacognosy and Phytochemistry* 28(2):1169–72.
- Nawawi, Gesta Rama Noprian. 2014. "Identifikasi Jenis Epifit Dan Tumbuhan Yang Menjadi Penopangnya Di Blok Perlindungan Dalam Kawasan Taman Hutan Raya Wan Abdul Rachman." *Jurnal Sylva Lestari* 2(3):39–48.
- Nazrun, Nazrun, Nur Hidayatiandri, Susanti Susanti, and Robby Gus Mahardika. 2021. "Potensi Stenochlaena Palustris Burm. Sebagai Agen Antiinflamasi Berdasarkan Metode Ekstraksi PEF (Pulsed Electric Field): Sebuah Kajian Naratif." *Jurnal Sains Dan Edukasi Sains* 4(2):66–74.
- Nento, Riskawati, Femy Sahami, and Sitty Nursinar. 2013. "Kelimpahan, Keanekaragaman Dan Kemerataan Gastropoda Di Ekosistem Mangrove Pulau Dudepo, Kecamatan Anggrek, Kabupaten Gorontalo Utara." *The NIKE Journal* 1(1).
- Nguyen, Hoai Thi, Huong Thi Doan, Duc Viet Ho, Ky Thanh Pham, Ain Raal, and Hiroyuki Morita. 2018. "Huperphlegmines A and B, Two Novel Lycopodium Alkaloids with an Unprecedented Skeleton from Huperzia Phlegmaria, and Their Acetylcholinesterase Inhibitory Activities." *Fitoterapia* 129:267–71.
- Nikmatullah, Muhamad, Elga Renjana, M. Muhaman, and Mulyati Rahayu. 2020. "Potensi Tumbuhan Paku (Ferns & Lycophytes) Yang Dikoleksi Di Kebun Raya Cibodas Sebagai Obat." *Al-Kauniyah: Jurnal Biologi* 13(2):278–87.
- Novianti, Novianti. 2014. "Inventarisasi Lumut (Bryophyta) Di Kawasan Hutan Sungai Teluk Sahang Kelurahan Kanarakan Tangkiling Kota Palangka Raya" Skripsi: Program Sarjana Tadris Biologi Sekolah Tinggi Agama Islam Negeri (STAIN) Palangka Raya."
- Novita, H., A. D. Novitaningrum, B. D. Madusari, M. F. I. Nugraha, M. A. Rajamuddin, R. Yunita, and W. Enggarini. 2020. "Antibacterial Activity of Anadendrum Microstachyum and Selaginella Plana against Two Pathogenic Bacteria (*Edwardsiella Ictaluri* and *Streptococcus Agalactiae*) Causing Freshwater Fish Diseases." P. 12025 in *IOP Conference Series: Earth and Environmental Science*. Vol. 535. IOP Publishing.
- Nugrahani, Farida, and M. Hum. 2014. "Metode Penelitian Kualitatif." *Solo: Cakra Books* 1(1).
- Nurcahyani, Puja. 2021. "Identifikasi Jenis Dan Potensi Tumbuhan Paku Di Sekitar Curug Lontar Desa Karyasari Kecamatan Leuwiliang Kabupaten Bogor."

- Pengabdian, Penelitian D. A. N., Peni Rahmawaty, M. Si, Dyah Respati, Suryo Sumunar, and M. Si. 2012. "PROSIDING SEMINAR NASIONAL Prosiding Seminar Nasional." 2(January):978–79.
- Permana, Nova Eka Putri, Reny Dwi Riastuti, Yuni Krisnawati, and Jalan Mayor Toha Kelurahan Air Kuti. 2017. "Identifikasi Keanekaragaman Divisi Pteridophyta (Paku) Di Kawasan Bukit Sulap Kota Lubuklinggau." *Skripsi. STKIP PGRI Lubuklinggau*.
- Pieroni, A. 2005. "Prance, Ghillean; Nesbitt, Mark (Eds.). The Cultural History of Plants."
- Pradipta, Anggrilia Ratu, Sulifah Aprilya Hariani, and Ika Lia Novenda. 2023. "Identifikasi Tumbuhan Paku Berdasarkan Letak Dan Posisi Sorus Dengan Ketinggian Berbeda Di Kabupaten Bondowoso." *Biologi Edukasi: Jurnal Ilmiah Pendidikan Biologi*. doi: 10.24815/jbe.v15i1.30490.
- Praktikum, Tim Pengasuh. 2011. "Dasar-Dasar Ilmu Tanah."
- Priyandayani, Luh Pt, I. G. Hendrawan, and W. Karim. 2018. "Kelimpahan Dan Keanekaragaman Polychaeta Pada Jenis Mangrove Yang Berbeda Di Tuhura Ngurah Rai." *Journal of Marine and Aquatic Sciences* 4(2):171–78.
- Purbasari, Yuni Asto, and Arief Noor Akhmad. 2019. "Keanekaragaman Bryophyta Di Dusun Sumbercandik Kabupaten Jember." *BIOMA: Jurnal Biologi Dan Pembelajaran Biologi* 4(1):90–100.
- Purwandari, Sintha Eliestya. 2018. "Sumber Daya Genetik Sayuran Kalimantan Tengah."
- Puspita, Ervina. 2019. "KEANEKARAGAMAN TANAMAN PAKU (PTERIDOPHYTA) DI JALUR CIWALEN TAMAN NASIONAL GUNUNG GEDE PANGRANGO, JAWA BARAT." *BIOSFER: Jurnal Biologi Dan Pendidikan Biologi* 4(1):41–48.
- Putri, Mega Ayu. 2016. "Keanekaragaman Spesies Tumbuhan Paku Epifit Dan Pohon Inangnya Di Kawasan Hutan Gunung Bunder Taman Nasional Gunung Halimun Salak (Tnghs) Bogor, Jawa Barat."
- Putri, Restu Amanda, Tjipto Haryono, and Sunu Kuntjoro. 2012. "Keanekaragaman Bivalvia Dan Peranannya Sebagai Bioindikator Logam Berat Kromium (Cr) Di Perairan Kenjeran, Kecamatan Bulak Kota Surabaya." *Jurnal Lentera Bio* 1(2):87–91.
- Raven, Peter H., Ray F. Evert, and Susan E. Eichhorn. 2005. *Biology of Plants*. Macmillan.
- Rawana, Suprih Wijayani, and Muhammad Aqib Masrur. 2023. "Indeks Nilai Penting Dan Keanekaragaman Komunitas Vegetasi Penyusun Hutan Di Alas Burno SUBKPH Lumajang." *Jurnal Wana Tropika*. doi: 10.55180/jwt.v12i02.215.

- Reece, Jane B., Martha R. Taylor, Eric J. Simon, and Jean L. Dickey. 2012. *Campbell Biology: Concepts & Connections*. Benjamin Cummings San Francisco, CA.
- REFLORA. 2020. "Cyathea Tortuosa R.C.Moran." *Flora Dan Jamur Brazil*. Retrieved (<http://floradobrasil.jbrj.gov.br/reflora/floradobrasil/FB606744>).
- Renjana, Elga, and Elok Rifqi Firdiana. 2020. "Inventarisasi Dan Strategi Penataan Koleksi Pteridophyta Di Rumah Kaca Kebun Raya Purwodadi." *Bioeksperimen: Jurnal Penelitian Biologi* 6(2):89–100.
- Restapaty, Ratna, Dyera Forestryana, Hafiz Ramadhan, Revita Saputri, Satrio Wibowo Rahmatullah, and Rahmayanti Fitriah. 2021. "Pemberdayaan Masyarakat Dalam Pemanfaatan Kalakai (Stenochlaena Palustris (Burm. F) Bedd.) Sebagai Antioksidan Alami Pada Kelompok Ibu-Ibu PKK Di Kelurahan Palam, Kecamatan Cempaka, Banjarbaru: Community Empowerment in the Utilization of Kalakai (Stenochl)." *PengabdianMu: Jurnal Ilmiah Pengabdian Kepada Masyarakat* 6(6):642–48.
- Richards, Paul Westmacott. 1952. "The Tropical Rain Forest." *The Tropical Rain Forest*.
- Ridhwan, M. 2012. "Tingkat Keanekaragaman Hayati Dan Pemanfaatannya Di Indonesia." *Jurnal Biology Education* 1(1).
- Rizkiani, Sri. 2019. "IDENTIFIKASI TUMBUHAN PAKU SEJATI (Filicinae) TERESTERIAL DI GUNUNG PESAGI KABUPATEN LAMPUNG BARAT."
- Rizky, Hanifia, Rosita Primasari, Yunita Kurniasih, and Diana Vivanti. 2019. "Keanekaragaman Jenis Tumbuhan Paku Terestrial Di Kawasan Hutan Dengan Tujuan Khusus (Khdtk) Banten." *BIOSFER : Jurnal Biologi Dan Pendidikan Biologi* 3(1). doi: 10.23969/biosfer.v4i1.1357.
- Roziaty, Efri, Putri Agustina, and Rizka Nurfitrianti. 2016. "Pterydophyta Epifit Kawasan Wisata Air Terjun Jumog Ngargoyoso Karanganyar Jawa Tengah." *Bioedukasi: Jurnal Pendidikan Biologi* 9(2):76–78.
- Salazar, Laura, Mónica Páez-Vacas, M. Kessler, J. Kluge, and J. Homeier. 2021. "Variation of Foliar Calcium and Magnesium in Six Fern Species at Different Elevations." P. 12056 in *IOP Conference Series: Earth and Environmental Science*. Vol. 690. IOP Publishing.
- Sandy, Susan Fari, Yuni Pantiwati, Atok Miftachul Hudha, and Roimil Latifa. 2016. "Species Diversity of Fern (Pteridophyte) in the Lawean Waterfall Region Sendang Tulungagung." *Research Report* (2).
- Sasmita, Dayang Fatimah, Farah Diba, and Dina Setyawati. 2021. "PEMANFAATAN HASIL HUTAN BUKAN KAYU SEBAGAI KERAJINAN ANYAMAN OLEH MASYARAKAT DI DESA KUALA DUA KECAMATAN KEMBAYAN KABUPATEN SANGGAU." *Jurnal*

- Hutan Lestari* 9(1):1–13.
- Sastrapradja, S. 1979. “Jenis Paku Indonesia.” *JBogor: Lembaga Biologi Nasional*.
- Sastrapradja, S., J. J. Afriastini, D. Darnaedi, and E. A. Widjaja. 2002. “Jenis Paku Indonesia. Lembaga Biologi Nasional.[Skripsi].” *LIPI. Bogor. 129p*.
- Sastrapradja, Setijati, J. J. Afriastini, D. Darnaedi, and E. A. Widjaja. 1979. “Jenis Paku Indonesia.” *Bogor: Lembaga Biologi Nasional*.
- Saw, L. G., and R. C. K. Chung. 2015. “The Flora of Malaysia Projects.” *Rodriguésia* 66:947–60.
- Schwoerbel, Jürgen. 1997. “Biologie.” *Biologie in Unserer Zeit* 27(2):VI–VIII. doi: 10.1002/biuz.960270217.
- Sekadau, Kabupaten, and Kabupaten Kayong. 2019. “Bab 2 Profil Kabupaten Tasikmalaya 2.1.” 5–37.
- Shepherd, Lara D., Andrew G. Murdock, Rémy Amice, and Leon R. Perrie. 2023. “A Synopsis of Ptisana Murdock Ferns (Marattiaceae) in New Caledonia Based on Sequence Data and Morphology with the Recognition of a New Vulnerable Species, P. Soluta (Compton) Murdock & Perrie, Comb. Nov., Stat. Nov.” *Adansonia* 45(3):41–59.
- Sianturi, Advend Sri Rizky, Amin Retnoningsih, and Saiful Ridlo. 2020. “EKSPLORASI TUMBUHAN PAKU PTERIDOPHYTA.”
- Smith, Alan R., Kathleen M. Pryer, Eric Schuettpelz, Petra Korall, Harald Schneider, and Paul G. Wolf. 2006. “A Classification for Extant Ferns.” *Taxon* 55(3):705–31.
- Srivastava, Kamini. 2008. “Conservation and Management Plans for Angiopteris Evecta (Forst.) Hoffm.(Marattiaceae: Pteridophyta): An Endangered Species.” *Ethnobotanical Leaflets* 2008(1):4.
- Stace, Clive. 2010. *New Flora of the British Isles*. Cambridge university press.
- Sue, O., and S. Richie. 2015. “The Plant’s Lovers Guide To Ferns.”
- Sugiarti, Asih. 2017. “Identifikasi Jenis Paku-Pakuan (Pteridophyta) Di Kawasan Cagar Alam Pagerwunung Darupono Kabupaten Kendal Sebagai Media Pembelajaran Sistematika Tumbuhan Berupa Herbarium.” *Skripsi. UIN Walisongo, Semarang*.
- Suhardiman, B. 2007. *Seputar Garut*. Komunitas Srimanganti.
- Sul‘ain, Mohd Dasuki, Fashihah Zakaria, and Muhammad Farid Johan. 2019. “Anti-Proliferative Effects of Methanol and Water Extracts of Pyrrosia Piloselloides on the Hela Human Cervical Carcinoma Cell Line.” *Asian Pacific Journal of Cancer Prevention: APJCP* 20(1):185.
- Sumeru, Ashari. 1995. “Hortikultura Aspek Budidaya.” *Universitas Indonesia*

Pres. Jakarta.

- Supriadi, Supriadi. 2017. "Pemanfaatan Sumber Belajar Dalam Proses Pembelajaran." *Lantanida Journal* 3(2):127–39.
- Susilo, Mohamad Joko. 2018. "Analisis Potensi Lingkungan Sekitar Sebagai Sumber Belajar Biologi Yang Berdayaguna." Pp. 541–46 in *Proceeding Biology Education Conference: Biology, Science, Environmental, and Learning*. Vol. 15.
- Tjitosoepomo, Gembong. 1983. "Botani Umum." *Bandung: Penerbit Angkasa*.
- Tjitosoepomo, Gembong. 1994. *Taksonomi Tumbuhan (Schizophyta, Thallophyta, Bryophyta, Pteridophyta)*. Gadjah Mada University Press.
- Tjitosoepomo, Gembong. 2004. "Taksonomi Tumbuhan. Yogyakarta."
- USDA-ARS. 2003. "Germplasm Resources Information Network (GRIN)[Online Database]."
- Velazco Macías, Carlos Gerardo. 2009. "Flora Del Estado de Nuevo León, México: Diversidad y Análisis Espacio-Temporal."
- W, Wahyuningsih, Merti Triyanti, and Sepriyaningsih Sepriyaningsih. 2019. "INVENTARISASI TUMBUHAN PAKU (Pteridophyta) DI PERKEBUNAN PT BINA SAINS CEMERLANG KABUPATEN MUSI RAWAS." *Jurnal Biosilampari : Jurnal Biologi*. doi: 10.31540/biosilampari.v2i1.815.
- Waemayi, Asura. n.d. "Inventarisasi Tumbuhan Paku (Pteridophyta) Di Kawasan Air Terjun Sai Khao Provinsi Pattani Thailand Selatan Dan Pemanfaatannya Sebagai Poster."
- Wanira, Ayu, Hari Prayogo, and Gusti Eva Tavita. 2018. "Keanekaragaman Jenis Paku-Paku (Pteridophyta) Terestrial Di Lingkungan Arboretum Sylva Universitas Tanjungpura Pontianak." *Jurnal Hutan Lestari* 6(3).
- WFO. 2020. "Cyathea Tortuosa R.C.Moran." *The World Flora Online*. Retrieved (<http://worldfloraonline.org/taxon/wfo-0001119083;jsessionid=F091DE841FA3C585ED6194A15315481F>).
- Wibowo, Risky Hadi, Redo Setiawan, Welly Darwis, Sipriyadi Sipriyadi, Rochmah Supriati, and Alfredi Anis Fadhila Ginting Sinisuka. 2022. "Aktivitas Antibakteri Dan Analisis Fitokimia Ekstrak Metanol Dari Daun Paku Sarang Burung (Asplenium Nidus)." *Jurnal Ilmu Pertanian Indonesia* 27(2):295–301.
- Wiersema, John H. 1994. "Taxonomic Information on Cultivated Plants in the USDA/ARS Germplasm Resources Information Network (GRIN)." Pp. 109–16 in *II International Symposium on Taxonomy of Cultivated Plants* 413.
- Wijayanto, Andik, Suhadi Suhadi, Murni Saptasari, Dyah Ayu Pitaloka, Fira Fitria Jihans, Muhammad Hisyam Baidlowi, and Eko Sri Sulasmri. 2019. "Dicranopteris Linearis (Burm. F) Underw.: Catatan Baru Database

- Tumbuhan Di Cagar Alam/Taman Wisata Alam Kawah Ijen, Indonesia.” *Jurnal Ilmu Hayat* 3(1):38–44.
- Ya Rahman, Habibi. 2019. “KELIMPAHAN (SIANG DAN MALAM) PLANKTON DI KOLAM KAMPUS UNIVERSITAS MUHAMMADIYAH MALANG SEBAGAI SUMBER BELAJAR BIOLOGI.”
- Yulianor, Ahmad. 2019. “Inventarisasi Jenis Tumbuhan Paku-Pakuan (Pteridophyta) Area Bekas Tambang Batu Bara PT AKT Kelurahan Muara Tuhup Kecamatan Laung Tuhup Kabupaten Murung Raya.”
- Yuliastuti, Erni, and Ratna Herawatiningsih. 2014. “Keanekaragaman Jenis Tumbuhan Paku-Pakuan (Pteridophyta) Di Desa Bemban Kawasan Hutan Lindung Gunung Ambawang Kecamatan Kubu Kabupaten Kubu Raya.” *Jurnal Hutan Lestari* 2(2).
- Zhang, Liwen, Sandy Nurvianto, and Rhett Harrison. 2010. “Factors Affecting the Distribution and Abundance of *Asplenium Nidus* L. in a Tropical Lowland Rain Forest in Peninsular Malaysia.” *Biotropica* 42(4):464–69.
- ZHU, Huiling, Jingang LIU, Jinlong ZHANG, King Yeung HANG, Wing Kai YEUNG, and Gunter A. FISCHER. 2018. “Ten Newly Recorded Taxa to the Flora of Hong Kong, China.” *广西植物* 22:21.