

## DAFTAR PUSTAKA

- A Singapore Government Agency Website. 2023. *National Park : Flora & Fauna Web*. (<https://www.nparks.gov.sg/florafaunaweb>). Diakses tanggal 12 Mei 2023.
- Abdi, T. M. A., Pratiwi, D. W., Pramudyono, R., Huston, M.T., Hardiono C., Sukiran., 2017. Koleksi Penting Tumbuhan di Taman Kehati Pupuk Kujang. PT Pupuk Kujang, Bandung.
- Achmad B, Diniyanti D., 2015. Keragaman Jenis Tanaman dan Pengelolaannya pada Hutan Rakyat di Kabupaten Ciamis, Jawa Barat. *Pros. Semnas Masy Indn*, 1(3): 460-465.
- Ahmad B, Wang Y, Hao J, Liu Y, Bohnett E, Zhang K., 2018. Optimizing Stand Structure for Trade-offs Between Overstory Timber Production and Understory Plant Diversity: a Case-Study of a Larch Plantation in Northwest China. *Land Degradation & Development*, 29:2998–3008.
- Ameray A, Bergeron Y, Valeria O, Montoro Girona M, Cavard X., 2021. Forest Carbon Management: a Review of Silvicultural Practices and Management Strategies Across Boreal, Temperate and Tropical Forests. *Curr For Reports*, 7:245–266.
- Anderson, S., Knapp, B.O. and Kabrick, J.M., 2023. Stand-Density Effects on Aboveground Carbon Dynamics in Secondary Pinus and Quercus Forests of Central USA. *Forest Science*, 69(2): 213-227.
- Anonim, 2023. *Global Biodiversity Information Facility*. (<https://www.gbif.org>) Diakses tanggal 10 Juni 2023.
- Anonim, 2023. *The World Flora Online (WFO) Plant List*. (<https://wfoplantlist.org/plant-list/>) Diakses tanggal 20 Juni 2022.
- Auliandari L, Dewiyeti S., 2016. Herbaceous Plant Community Structure Around The Waste Ponds of PT. KSL in Betung District, Banyuasin Regency, South Sumatra. *Proceeding of ICMSE*, 3(1): 123.
- Badan Meterologi, Klimatologi dan Geofisika [BMKG]. 2022. *Data Online Pusat Database-BMKG*. (<https://dataonline.bmkg.go.id>). Diakses tanggal 25 Desember 2022.
- Badan Pusat Statistik Kab. Ciamis [BPS]. 2021. *Kabupaten Ciamis Dalam Angka*. Badan Pusat Statistik Kabupaten Ciamis BPS, Ciamis.

- Badrunasar, A. and Santoso, H.B., 2016. *Tumbuhan Liar Berkhasiat Obat*. Forda Press, Bogor.
- Bain, A., Chou, L.S., Tzeng, H.Y., Ho, Y.C., Chiang, Y.P., Chen, W.H., Chio, Y.T., Li, G.Y., Yang, H.W., Kjellberg, F. and Hossaert-McKey, M., 2014. Plasticity and Diversity of the Phenology of Dioecious Ficus Species in Taiwan. *Acta Oecologica*, 57: 124-134.
- Barbour MG, Burk JH, Pitts WD., 1987. *Terrestrial Plant Ecology*, 2nd edn. Benjamin/Cummings Pub. Co., Menlo Park, California.
- Bartels, S.F. and Chen, H.Y., 2013. Interactions Between Overstorey and Understorey Vegetation Along an Overstorey Compositional Gradient. *Journal of Vegetation Science*, 24(3): 543-552.
- Berg, L.R., 2008. *Introductory Botany: Plants, People, and the Environment*, 2nd edn. Thomson Brooks/Cole, Belmont.
- Besar, N.A., Suardi, H., Phua, M.H., James, D., Mokhtar, M.B. and Ahmed, M.F., 2020. Carbon Stock and Sequestration Potential of an Agroforestry System in Sabah, Malaysia. *Forests*, 11(2): 210.
- Bowers K, Boutin C., 2008. Evaluating The Relationship Between Floristic Quality and Measures of Plant Biodiversity Along Stream Bank Habitats. *Ecol Indic*, 8:466-475.
- Brown, S., 1997. *Estimating Biomass and Biomass Change of Tropical Forests: a Primer* (Vol. 134). Food & Agriculture Org, Rome.
- Budiharta, S., 2010. Floristic composition at biodiversity protection area in Lubuk Kakap, District of Ketapang, West Kalimantan. *Biodiversitas Journal of Biological Diversity*, 11(3): 151-156.
- Charnley, S. and Poe, M.R., 2007. Community forestry in theory and practice: where are we now?. *Annu. Rev. Anthropol.*, 36: 301-336.
- Chen, S., Wang, W., Xu, W., Wang, Y., Wan, H., Chen, D., Tang, Z., Tang, X., Zhou, G., Xie, Z. and Zhou, D., 2018. Plant Diversity Enhances Productivity and Soil Carbon Storage. *Proceedings of the National Academy of Sciences*, 115(16):4027-4032.
- Chevaux L, Mårell A, Baltzinger C, Boulanger V, Cadet S, Chevalier R, Debaive N, Dumas Y, Gosselin M, Gosselin F, Rocquencourt A, Paillet Y., 2022. Effects of Stand Structure and Ungulates on Understory Vegetation in Managed and Unmanaged Forests. *Ecol Appl*, 32:1-20.

- Corlett RT, Primack RB (2011) *Tropical Rain Forests An Ecological and Biogeographical Comparison, 2nd edn*. John Wiley & Sons, West Sussex.
- Corona-Núñez RO, Mendoza-Ponce A V., Campo J., 2021. Assessment of Above-Ground Biomass and Carbon Loss from a Tropical Dry Forest in Mexico. *J Environ Manage*, 282:111973.
- Criddle, R.S., Hopkin, M.S., McArthur, E.D. and Hansen, L.D., 1994. *Plant Distribution and the Temperature Coefficient of Metabolism*. *Plant, Cell & Environment*, 17(3): 233-243.
- Dalimartha, S., 2000. *Atlas Tumbuhan Obat Indonesia*. Pustaka Kartini, Jakarta.
- Darmawan, A., Warta, Z., Molidena, E., Valla, A., Firdaus, M.I., Hisan, H., Winarno, G.D., Winarno, B., Rusolono, T. and Tsuyuki, S., 2020. Aboveground forest carbon stock in protected area: A case study of Bukit Tigapuluh National Park, Indonesia. *Journal of Tropical Biodiversity and Biotechnology*, 07(01): 1-17.
- Darmawan, A.A., Ariyanto, D.P., Basuki, T.M., Syamsiyah, J., Dewi, W.S., 2022. Biomass Accumulation and Carbon Sequestration Potential in Varying Tree Species, Ages and Densities in Gunung Bromo Education Forest, Central Java, Indonesia. *Biodiversitas Journal of Biological Diversity*, 23(10).
- De Foresta, H., Kusworo, A., Michon, G. and Djatmiko, W.A., 2000. *Ketika kebun berupa hutan: Agroforest khas Indonesia sebuah sumbangan masyarakat*. ICRAF, Bogor, 249.
- De Foresta, H., Michon, G., & Kusworo, A., 2000. *Complex agroforests*. Permanent Agriculture Resource, Holualoa.
- Demura T, Ye ZH., 2010. Regulation of Plant Biomass Production. *Curr Opin Plant Biol*. 13(3): 298-303.
- Dhar R, Sarker SK., 2021. Environmental Correlates of Vegetation Distribution in Rajkandi Hill Reserve of Bangladesh. In *Biol Life Sci Forum 2021*, 1-15.
- Dharma I Dewa Putu, Solihah S.M., Kuswantoro Farid, Yuzammi., 2017. *Koleksi Kebun Raya Lombok: Tumbuhan Sunda Kecil*. LIPI Press, Jakarta.
- Dinas Kehutanan Provinsi Jawa Barat [DISHUTJABAR]. 2020. *Statistik Kehutanan Jawa Barat Tahun 2019*. Dinas Kehutanan Jawa Barat, Bandung.
- Diniyanti D., 2015. Satwa yang Sering Ditemukan pada Hutan Rakyat Agroforestri di Kabupaten Ciamis dan Tasikmalaya, Jawa Barat. In *Prosiding Seminar Nasional Masyarakat Biodiversitas Indonesia*, 3: 642-646.

- Dodo, Solihan S.A., Yuzammi., 2016. *Koleksi Kebun Raya Banua: Tumbuhan Berpotensi Obat*. LIPI Press, Jakarta.
- Dubuis, A., Rossier, L., Pottier, J., Pellissier, L., Vittoz, P. and Guisan, A., 2013. Predicting Current and Future Spatial Community Patterns of Plant Functional Traits. *Ecography*, 36(11): 1158-1168.
- Faezah P., Rusop M., 2015. Community Structure of Tropical Rainforest Floor Vegetation at Different Zonation in Tasik Chini Forest Reserve, Pahang. *Science Letters*, 1-6.
- Feliciano, D., Ledo, A., Hillier, J., & Nayak, D. R., 2018. Which Agroforestry Options Give the Greatest Soil and Above Ground Carbon Benefits in Different World Regions?. *Agriculture, ecosystems & environment*, 254: 117-129.
- Gilliam, F.S., 2007. The Ecological Significance of the Herbaceous Layer in Temperate Forest Ecosystems. *BioScience*, 57(10):845-858.
- Glimn-Lacy, J. and Kaufman, P.B., 2006. *Botany Illustrated: Introduction to Plants, Major Groups, Flowering Plant Families*. Springer, New York.
- Gunawan, H., 2019. 100 Spesies Pohon Nusantara: Target Konservasi Ex Situ Taman Keanekaragaman Hayati. PT Penerbit IPB Press.
- Haggar, J., Pons, D., Saenz, L. and Vides, M., 2019. Contribution of Agroforestry Systems to Sustaining Biodiversity in Fragmented Forest Landscapes. *Agriculture, Ecosystems & Environment*, 283: 106567.
- Hairiah, K. and Rahayu, S., 2007. *Pengukuran Karbon Tersimpan di Berbagai Macam Penggunaan Lahan*. World Agroforestry Centre, Bogor.
- Hammer Oyvind. 2021. *Paleontological Statistics Version 4.06*. Natural History Museum, University of Oslo, Oslo, Norway. (<http://folk.uio.no/ohammer/past/>). Diakses tanggal 23 Januari 2023.
- Handayani T., Wawangningrum H., Wihermanto, Yuzammi., Harto., Latifah D., 2017. *Identifikasi Semai Tumbuhan Berkayu*. LIPI Press, Jakarta.
- Haq, S.M., Malik, A.H., Khuroo, A.A. and Rashid, I., 2019. Floristic Composition and Biological Spectrum of Keran a Remote Valley of Northwestern Himalaya. *Acta Ecologica Sinica*, 39(5): 372-379.
- Haq, S.M., Singh, B., Bashir, F., Farooq, A.J., Singh, B. and Calixto, E.S., 2021. Exploring and Understanding the Floristic Richness, Life-Form, Leaf-Size Spectra and Phenology of Plants in Protected Forests: a Case Study of

Dachigam National Park in Himalaya, Asia. *Acta Ecologica Sinica*, 41(5): 479-490.

Hardjanto. 2017. *Pengelolaan Hutan Rakyat*. PT. Penerbit IPB Press, Bogor.

Hernández-Stefanoni, J.L., Castillo-Santiago, M.Á., Andres-Mauricio, J., Portillo-Quintero, C.A., Tun-Dzul, F. and Dupuy, J.M., 2021. Carbon Stocks, Species Diversity and Their Spatial Relationships in the Yucatán Peninsula, Mexico. *Remote Sensing*, 13(16), 3179.

Hidayat, S., 2016. Jalur wisata tumbuhan obat di Kebun Raya Bogor. LIPI Press, Jakarta.

\_\_\_\_\_. 2017. Eksplorasi flora: 25 tahun menjelajah rimba nusantara. LIPI Press, Jakarta.

Hoover, C.M. ed., 2008. *Field Measurements for Forest Carbon Monitoring: A Landscape-Scale Approach*. Springer Dordrecht, Berlin.

Hubau, W., De Mil, T., Van den Bulcke, J., Phillips, O.L., Angoboy Ilondea, B., Van Acker, J., Sullivan, M.J., Nsenga, L., Toirambe, B., Couralet, C. and Banin, L.F., 2019. The Persistence of Carbon in the African Forest Understory. *Nature Plants*, 5(2): 133-140.

Huo, H., Feng, Q. and Su, Y.H., 2014. The Influences of Canopy Species and Topographic Variables on Understory Species Diversity and Composition in Coniferous Forests. *The Scientific World Journal*.

Ismail, A., Alang, W.Z.A.M., Pardi, F., Alwi, I., Wahab, N.A., Ismail, A., Jamil, N.M. and Daud, D., *Community Structure of Tropical Rainforest Floor Vegetation at Different Zonation in Tasik Chini Forest Reserve, Pahang*. Faculty of Applied Sciences, Universiti Teknologi MARA, Selangor.

Jin, Y., Liu, C., Qian, S.S., Luo, Y., Zhou, R., Tang, J. and Bao, W., 2022. Large-Scale Patterns of Understory Biomass and its Allocation Across China's Forests. *Science of the Total Environment*, 804: 150169.

Karyati, Adhi MA., 2018. *Jenis-Jenis Tumbuhan Bawah di Hutan Pendidikan Fakultas Kehutanan Universitas Mulawarman*. Universitas Mulawarman, Samarinda.

Kementerian Lingkungan Hidup dan Kehutanan [MENLHK]. 2019. *Statistik 2019 Kementerian Lingkungan Hidup dan Kehutanan*. Kementerian Lingkungan Hidup dan Kehutanan, Jakarta, 52.

- Ken Fern. 2014. *Useful Tropical Plants*. (<https://tropical.theferns.info>). Diakses 12 Mei 2023.
- Klink CA, Joly CA., 1989. Identification and Distribution of C3 and C4 Grasses in Open and Shaded Habitats in Sao Paulo State, Brazil, *Biotropica*. 21:30.
- Korkmaz H, Yalçın E, Güray Kutbay H, Yildirim C., 2016. The Influence of Environmental Factors on the Distribution and Composition of Plant Communities in Kizilirmak Valley-Black Sea Region, Turkey. *Rev d'Écologie (La Terre La Vie)*, 71:21-34.
- Kusumanegara A, Pribadi EY, Jannah AM, Yuniar N, Utomo HS, Ngara DAN., 2020. *Menyingkap Rahasia Jenis-Jenis Tumbuhan Obat Di Taman Nasional Matalawa Sumba-Nusa Tenggara Timur*. BTN Manupeu Tanah Daru dan Laiwangi Wanggameti, Wangipu.
- Lange, M., Eisenhauer, N., Chen, H. and Gleixner, G., 2023. Increased Soil Carbon Storage Through Plant Diversity Strengthens with Time and Extends into the Subsoil. *Global Change Biology*, 29(9): 2627-2639.
- Levin SA., 2013. *Encyclopedia of Biodiversity Second Edition*. Academic Press, Amsterdam.
- Li, Y., Dong, S., Liu, S., Su, X., Wang, X., Zhang, Y., Zhao, Z., Gao, X., Li, S. and Tang, L., 2019. Relationships Between Plant Diversity and Biomass Production of Alpine Grasslands are Dependent on The Spatial Scale and The Dimension of Biodiversity. *Ecological engineering*, 127: 375-382.
- Lü XT, Yin JX, Jepsen MR, Tang JW., 2010. Ecosystem Carbon Storage And Partitioning in a Tropical Seasonal Forest in Southwestern China. *For Ecol Manage*, 260:1798-1803.
- Ludwig JA, Reynolds JF., 1988. *Statistical Ecology a Primer on Methods and Computing*. John Willey & Sons, Inc., New York.
- Magurran AE. (1988) *Ecological Diversity and Its Measurement*. Princeton University Press, New Jersey.
- Manuri, S., Putra, C.A.S. and Saputra, A.D., 2011. *Teknik Pendugaan Cadangan Karbon Hutan*. Merang REDD Pilot Project, German International Cooperation-GIZ, Palembang.
- Mensah, S., Veldtman, R., Assogbadjo, A.E., Glèlè Kakaï, R. and Seifert, T., 2016. Tree Species Diversity Promotes Aboveground Carbon Storage Through Functional Diversity and Functional Dominance. *Ecology and evolution*, 6(20): 7546-7557.



- Mercury YH, Sutedjo, Diana R., 2021. Herb Inventory in the Forest Education of Forestry Faculty Mulawarman University. *Proc It Symp Trop Stud (JSTS-19)*, 414-418.
- Mildrexler, D.J., Berner, L.T., Law, B.E., Birdsey, R.A. and Moomaw, W.R., 2020. Large Trees Dominate Carbon Storage in Forests East of the Cascade Crest in the United States Pacific Northwest. *Front For Glob Chang*, 3:1–15.
- Mirbach, M.V., 2000. Carbon Budget Accounting at The Forest Management Unit Level: an Overview of Issues and Methods. *Canada's Model Forest Program, Ottawa*, 1-18.
- Molles MC (2016) *Ecology: Concepts and Applications, Seventh Edition*. Mc Graw Hill Education, New York.
- Moradi H, Attar F., 2019. Comparative Study of Floristic Diversity Along Altitude in the Northern Slope of the Central Alborz Mountains, Iran. *Biodiversitas*, 20(1): 305-312.
- Moualki N, Boukrouma N., 2021. The Influence of Environmental Factors on the Distribution and Composition of Plant Species in Oued Charef Dam, Northeast of Algeria. *Biodiversitas*. 22(1): 346-353.
- Mueller-Dombois, D., & Ellenberg, H., 2016. *Ekologi Vegetasi: Tujuan dan Metode*. Eds. Kartawinata, K & Abdulhadi, R. Lembaga Ilmu Pengetahuan Indonesia, Jakarta.
- Munawaroh Esti, Yuzammi, Solihah M., Suhendar., 2017. *Koleksi Kebun Raya Liwa, Lampung: Tumbuhan Berpotensi sebagai Tanaman Hias*. LIPI Press, Jakarta.
- Murdiyarso, D. and Skutsch, M. eds., 2006. *Community Forest Management As A Carbon Mitigation Option: Case Studies*. CIFOR, Bogor.
- Murdiyarso, D., Rosalina, U., Hairiah, K., Muslihat, L., Suryadiputra, I.N.N. and Jaya, A., 2004. *Petunjuk Lapangan Pendugaan Cadangan Karbon pada Lahan Gambut*. Proyek Climate Change, Forest and Peatlands in Indonesia. Wetlands Intl. Indonesia Prog. dan Wildlife Habitat Canada, Bogor.
- Mustaqim, W. A., Fajri, N., Sindhuarta, S. J., Supriatna, J., Hartiningtias, D., & Muliastari, D., 2017. *Panduan Lapangan Flora: Spermatofita Taman Hutan Raya Pancoran Mas, Depok, Jawa Barat*. Research Center for Climate Change Universitas Indonesia, Depok.
- Nair, P. R., 1993. *An Introduction to Agroforestry*. Springer Cham, Gewerbestrasse.

National Gardening Association. 2023. *Plant Database*. (<https://garden.org/plants/>). Diakses tanggal 11 Mei 2023.

Ohdo T, Takahashi K (2021) Plant Species Richness and Community Assembly Along Gradients of Elevation and Soil Nitrogen Availability. *AoB Plants*, 12:1-10.

Paiman. (2020). *Gulma Tanaman Pangan*. UPY Press, Yogyakarta.

Pan, P., Zhao, F., Ning, J., Zhang, L., Ouyang, X. and Zang, H., 2018. Impact of Understory Vegetation on Soil Carbon and Nitrogen Dynamic in Aerially Seeded Pinus Massoniana Plantations. *PLoS One*. 13(1): 0191952.

Peraturan Menteri Lingkungan Hidup dan Kehutanan No. 105. [PERMENLHK]. 2018. *Tata Cara Pelaksanaan, Kegiatan Pendukung, Pemberian Insentif, serta Pembinaan dan Pengendalian Kegiatan Rehabilitasi Hutan dan Lahan*. Kementerian Lingkung Hidup dan Kehutan, Jakarta. 1-145.

Pfadenhauer, J.S. and Klötzli, F.A., 2020. *Global Vegetation: Fundamentals, Ecology and Distribution*. Springer Nature, Berlin.

Phillips, O.L., Martínez, R.V., Vargas, P.N., Monteagudo, A.L., Zans, M.E.C., Sánchez, W.G., Cruz, A.P., Timaná, M., Yli-Halla, M. and Rose, S., 2003. Efficient Plot-based Floristic Assessment of Tropical Forests. *Journal of Tropical Ecology*. 19(6): 629-645.

Pillay, R., Venter, M., Aragon-Osejo, J., González-del-Pliego, P., Hansen, A.J., Watson, J.E. and Venter, O., 2022. Tropical Forests are Home to Over Half of The World's Vertebrate Species. *Frontiers in Ecology and the Environment*, 20(1): 10-15.

Puspitojati T, Mile MY, Fauziah E, Darusman D., 2014. *Hutan rakyat, 3rd edn*. Penerbit PT Kanisius, Yogyakarta.

Ravnjak, B., Bavcon, J. and Čarni, A., 2022. Plant Species Turnover on Forest Gaps After Natural Disturbances in the Dinaric Fir Beech Forests (*Omphalodofagetum sylvaticae*). *Diversity*, 14(3): 209.

Reddy RA, Balkwill K, McLellan T., 2009. Plant Species Richness and Diversity of the Serpentine Areas on the Witwatersrand. *Plant Ecol*, 201:365–381.

Rencana Kerja Pemerintah Daerah Kabupaten Ciamis [RKPD]. 2021. *Rencana Kerja Pemerintah Daerah Kabupaten Ciamis Tengah Tahun 2021*. Pemerintah Kabupaten Ciamis, Ciamis.



- Robinson, S.I., McLaughlin, Ó.B., Marteinsdóttir, B. and O'Gorman, E.J., 2018. Soil Temperature Effects on The Structure and Diversity of Plant and Invertebrate Communities in a Natural Warming Experiment. *Journal of Animal Ecology*, 87(3): 634-646.
- Rumonda Napitupulu, L. Satmoko Wisaksono, Efizal, Lussy Mooduto. 2009. Taksonomi Koleksi Tanaman Obat Kebun Tanaman Obat Citeureup. Badan Pengawas Obat dan Makanan Republik Indonesia, Jakarta.
- Rosoman, G., Sheun, S. S., Opal, C., Anderson, P., & Trapshah, R., 2017. *The HCS Approach Putting No Deforestation Into Practice*. HCS Approach Toolkit Version 2.
- Saharjo BH, Wardhana HFP., 2011. Pendugaan Potensi Simpanan Karbon pada Tegakan Pinus (Pinus merkusii Jungh. Et de Vriese) di KPH Cianjur Perum Perhutani Unit III Jawa Barat dan Banten. *J Silvikultur Trop*, 2:96-100.
- Sanudin, Fauziyah E., 2015. Karakteristik Hutan Rakyat Berdasarkan Orientasi Pengelolaannya: Kasus Desa Sukamaju, Ciamis dan Desa Kiarajungkung, Tasikmalaya, Jawa Barat. *Pros. Sem. Nas. Masy. Biodiv Indon*, 1(4):696-701.
- Serafina Lio FX, Dewi MPS., 2018. Diversity of Floor Vegetation in Various Levels in South Central Timor, East Nusa Tenggara, Indonesia. *Biodivers Int J*, (2):476-482.
- Setiawati, W., Murtiningsih, R., Gunaeni, N. and Rubiati, T., 2008. Tumbuhan Bahan Pestisida Nabati dan Cara Pembuatannya untuk Pengendalian Organisme Pengganggu Tumbuhan (OPT). Balai Penelitian Tanaman Sayuran, Bandung.
- Setyawati, T., 2015. A Guide Book to Invasive Plant species in Indonesia. Research, Development, and Innovation Agency, Ministry of Environment and Forestry, Republic of Indonesia, Bogor.
- Shiferaw, W., Demissew, S., Bekele, T., Aynekulu, E. and Pitroff, W., 2021. Analysis of Composition and Density of Soil Seed Banks of Prosopis Juliflora in Afar Region Rangelands, Northeast Ethiopia. *Rangelands*, 43(1): 1-8.
- Siarudin M, Junaidi E, Widiyanto A, Indrajaya Y, Khasanah NM, Tanika L, Lusiana B, Roshetko J., 2014. *Kuantifikasi Jasa Lingkungan Air dan Karbon Pola Agroforestri pada Hutan Rakyat di Wilayah Sungai Jeneberang*. World Agroforestry Centre (ICRAF) Southeast Asia Program, Bogor.
- Simon, Hasan. 2007. *Metode Inventore Hutan*. Pustaka Pelajar, Yogyakarta.
- Simpson MG. 2019. *Plant Systematics Third Edition*. Academic Press, Burlington.

- Slik, J.F., Paoli, G., McGuire, K., Amaral, I., Barroso, J., Bastian, M., Blanc, L., Bongers, F., Boundja, P., Clark, C. and Collins, M., 2013. Large Trees Drive Forest Aboveground Biomass Variation in Moist Lowland Forests Across the Tropics. *Global ecology and biogeography*, 22(12):1261-1271.
- Steinbeiss, S., BEBLER, H.O.L.G.E.R., Engels, C., Temperton, V.M., Buchmann, N., Roscher, C., Kreutziger, Y., Baade, J., Habekost, M. and Gleixner, G., 2008. Plant Diversity Positively Affects Short-Term Soil Carbon Storage in Experimental Grasslands. *Global Change Biology*, 14(12): 2937-2949.
- Stork NE, Samways MJ., 1995. Inventorying and Monitoring. In: Global Biodiversity Assessment. *Cambridge University Perss*, 454-475
- Su X, Wang M, Huang Z, Fu S, Chen HYH., 2019. Forest Understorey Vegetation: Colonization and The Availability and Heterogeneity of Resources. *Forests*, 10:3-7.
- Sukadaryati S, Yuniawati Y, Dulsalam D., 2018. Pemanenan Kayu Hutan Rakyat (Studi Kasus di Ciamis, Jawa Barat) Timber. *J Ilmu Kehutan*, 12:142.
- Sullivan, M.J., Talbot, J., Lewis, S.L., Phillips, O.L., Qie, L., Begne, S.K., Chave, J., Cuni-Sanchez, A., Hubau, W., Lopez-Gonzalez, G. and Miles, L., 2017. *Diversity and Carbon Storage Across the Tropical Forest Biome*. Scientific reports, 7(1): 39102.
- Takimoto A, Nair VD, Nair PKR., 2009. Contribution of Trees to Soil Carbon Sequestration Under Agroforestry Systems in the West African Sahel. *Agrofor Syst*, 76:11-25.
- Ter Braak CJF., 1987. The Analysis of Vegetation-Environment Relationships by Canonical Correspondence Analysis. *Vegetatio*, 69:69–77.
- The Biodiversity of Singapore. 2022. *A Digital Reference Collection for Singapore's Biodiversity*. (<https://singapore.biodiversity.online>). Diakses tanggal 25 Desember 2022.
- The Royal Botanic Gardens. 2017. *Kew Plants of the World Online (POWO)*. (<https://powo.science.kew.org>). Diakses tanggal 25 Desember 2022.
- Turner, I. (2001). *The Ecology of Trees in the Tropical Rain Forest (Cambridge Tropical Biology Series)*. Cambridge University Press, Cambridge.
- Usuga JCL, Toro JAR, Alzate MVR, de Jesús Lema Tapias Á., 2010. Estimation of Biomass and Carbon Stocks in Plants, Soil and Forest Floor in Different Tropical Forests. *For Ecol Manage*, 260:1906-1913.

- Utami I, Putra ILI., (2020) *Ekologi Kuantitatif; Metode Sampling dan Analisis Data Lapangan*. Penerbit K-Media, Yogyakarta.
- Vajari, K.A., Jalilvand, H., Pourmajidian, M.R., Espahbodi, K. and Moshki, A., 2012. Effect Of Canopy Gap Size And Ecological Factors on Species Diversity and Beech Seedlings in Managed Beech Stands in Hyrcanian Forests. *Journal of Forestry Research*, 23:217-222.
- van Oijen, D., Feijen, M., Hommel, P., den Ouden, J. and de Waal, R., 2005. Effects of tree species composition on within-forest distribution of understorey species. *Applied Vegetation Science*. 8(2):155-166.
- Victor JE, Koekemoer MA, Fish L, Smithies SJ, Moessmer MA., 2004. *Herbarium Essentials: the Southern African Herbarium User Manual*. The Project Coordinator, Pretoria.
- Vizcaíno-Bravo Q, Williams-Linera G, Asbjornsen H., 2020. Biodiversity and Carbon Storage are Correlated Along a Land Use Intensity Gradient in a Tropical Montane Forest Watershed, Mexico. *Basic Appl Ecol*, 44:24–34.
- Wahyu A, Suharjito D, Darusman D, Syaufina L., 2020. The Development of Community-Based Forest Management in Indonesia and Its Contribution to Community Welfare and Forest Condition. *IOP Conference Series: Earth and Environmental Science*, 528 (1): 012037.
- Widianto, K.H., Suharjito, D. and Sardjono, M.A., 2003. *Fungsi dan Peran Agroforestri*. ICRAF. Bogor.
- Widodo W. 2012. *Avian Study As Environment Indicators in the Mountain*. Pus Penelit Biol LIPI, Bogor.
- Wijana N., 2014. *Metode Analisis Vegetasi*. Plantaxia, Yogyakarta.
- Wijayakusuma, H.H., 1996. *Tanaman Berkhasiat Obat Di Indonesia Jilid 1-3*. Pustaka Kartini, Jakarta.
- Wirabuana, P.Y.A.P., Setiahadi, R., Sadono, R., Lukito, M. and Martono, D.S., 2021. The Influence of Stand Density and Species Diversity Into Timber Production and Carbon Stock in Community Forest. *Indonesian Journal of Forestry Research*, 8(1): 13-22.
- Xu, S., Eisenhauer, N., Ferlian, O., Zhang, J., Zhou, G., Lu, X., Liu, C. and Zhang, D., 2020. Species Richness Promotes Ecosystem Carbon Storage: Evidence from Biodiversity-ecosystem Functioning Experiments. *Proceedings of the Royal Society B*, 287(1939): 20202063.

Yasin, G., Nawaz, M. F., Martin, T. A., Niazi, N. K., Gul, S., & Yousaf, M. T. B., 2019. Evaluation of Agroforestry Carbon Storage Status and Potential in Irrigated Plains of Pakistan. *Forests*, 10:1-13.

Zhao Y, Gao C, Rong Z, Zhao C., 2021. Understory Vegetation Should Not Be Ignored in the Estimation of Forest Carbon Stocks in Qilian Mountains National Nature Reserve. *Acta Ecologica Sinica*, 41(4): 318-324.