

## DAFTAR PUSTAKA

- Aberoumand, A. and S.S. Deokule. 2009. Studies on nutritional values of some wild edible plants from Iran and India. *Pak J Nutr* 8(1): 26-31.
- Agrawal, P., J.H. Houl, K.L. Gunawardhana, T. Liu, J. Zhou, M.J. Zoran, and P.E. Hardin. 2017. Drosophila CRY Entrains Clocks in Body Tissues to Light and Maintains Passive Membrane Properties in a Non-clock Body Tissue Independent of Light. *Curr. Biol.* 27(16): 2431--2441.e3.
- Aini, Y.S., N. Santoso, dan R. Soekmadi. 2017. Pengelolaan tembawang suku Dayak Iban di desa Sungai Mawang, Puring Kencana, Kapuas Hulu, Kalimantan Barat. *Media Konservasi* 21(2): 99-107.
- Akinnifesi, F.K., F. Kвесiga, J. Mhango, T. Chilanga, A. Mkonda, C.A.C. Kadu, I. Kadzere, D. Mithofer, J.D.K. Saka, G. Sileshi, T. Ramadhani, and P. Dhliwayo. 2006. Towards the development of Miombo fruit trees as commercial tree crops in Southern Africa. *Forests, Trees and Livelihoods* 16: 103-121.
- Albuquerque, U.P., G.T. Soldati, S.S. Sieber, P.M. Medeiros, J.C. Sá, and L.C. Souza. 2011. Rapid ethnobotanical diagnosis of the Fulni-ô indigenous lands (NE Brazil): floristic survey and local conservation priorities for medicinal plants. *Environment, Development and Sustainability* 13: 866-873.
- Ali, F., N. Khan, A.M. Khan, K. Ali, and F. Abbas. 2023. Species distribution modelling of *Monotheeca buxifolia* (Falc.) A. DC.: Present distribution and impacts of potential climate change. *Heliyon* 9: e13417
- Allouche, O., A. Tsoar, and R. Kadmon. 2006. Assessing the accuracy of species distribution models: Prevalence, kappa and the true skill statistic (TSS). *Journal of Applied Ecology* 43: 1223–1232.
- Asfaw, Z. 2009. The future of wild food plants in southern Ethiopia: Ecosystem conservation coupled with enhancement of the roles of key social groups. *Acta horticulturae* 806(806): 701–708.
- Asfaw, Z., Z. Woldu, and S. Demissew. 2019. Ethnobotanical study of wild edible plants of Kara and Kwego semi-pastoralist people in Lower Omo River Valley, Debub Omo Zone, SNNPR, Ethiopia. *Journal of Ethnobiology and Ethnomedicine* 15(1): 1-19.
- Batubara, R. and O. Affandi. 2017. Economic value of non-timber forest products and their contributions to household income (case study in two villages around Sibolangit Tourism Park). *Wahana Forestra* 12(2): 149-162.

- Begossi, A., N. Hanazaki, and J.Y. Tamashiro. 2002. Medicinal plants in the Atlantic forest (Brazil): Knowledge, use, and conservation. *Hum Ecol* 30: 281- 299.
- Beluhan, S., and A. Ranogajec. 2010. Chemical composition and non-volatile components of Crotial wild edible mushrooms. *Food Chem* 124: 1076–82.
- Bharucha, Z. and Z. Pretty. 2010. The roles and values of wild foods in agricultural systems. *Phil. Trans. R. Soc.B.* 365: 2913-2926.
- Bigirimana, C., F. Omujal, P. Isubikalu, E. Bizuru, B. Obaa, M. Malinga, J.G. Agea, and J.B.L. Okullo. 2016. Utilisation of indigenous fruit trees species within the lake Victoria Basin, Rwanda. *Agricultural Science: An International Journal* 1 (1): 1–13.
- Biswas, S.C., M. Majumdar, S. Das, and T.K. Misra. 2018. Diversity of wild edible minor fruits used by the ethnic communities of Tripura, India. *Indian Journal of Traditional Knowledge* 17(2): 282-28.
- Blackburn, T. M., K.J. Gaston, R.M. Quinn, H. Arnold and R.D. Gregory. 2004. The role of seed dispersal in the naturalization and spread of plants in New Zealand. *Perspectives in Plant Ecology, Evolution and Systematics* 6(1-2): 59-64.
- Boulad, N., S. Al Shogoor, W. Sahwan, N. Al-Ouran, and B. Schütt. 2022. Systematic conservation planning as a tool for the assessment of protected areas network in Jordan. *Land* 11: 56.
- Bray, D.B. and L. Merino-Perez. 2017. The socio-ecological dynamics of wild fruit domestication: A synthesis of national case studies. *Forest Policy and Economics* 84: 247-257.
- Ca'mara-Leret, R., N. Paniagua-Zambrana, H. Balslev, and M.J. Maci'a. 2014. Ethnobotanical knowledge Is Vastly under documented in Northwestern South America. *PLoS ONE* 9(1): e85794.
- Cabrera-Meléndez, J.L., D. Iparraguirre-León, M. Way, F. Valenzuela-Oré, and D.B. Montesinos-Tubée. 2022. The applicability of similarity indices in an ethnobotanical study of medicinal plants from three localities of the Yunga district, Moquegua region, Peru. *Ethnobotany Research and Applications* 24:16.
- Carvalho-Silva, M., M.A. Moraes, and D.E. Oliveira. 2017. Plant conservation priorities in protected areas: a quantitative approach using the Brazilian Flora 2020. *Conservation Biology* 31(3): 680-688.
- Chakravarty, S., K.D. Bhutia, C.P. Suresh, G. Shukla, and N.A. Pala. 2016. A review on diversity, conservation and nutrition of wild edible fruits. *Journal of Applied and Natural Science* 8 (4): 2346-2353.

- Chazdon, R.L., E. Berenguer, A. Angelsen, P. Brancalion, R. Condit, L. Reid, and M. Peña-Claros. 2016. Second growth and scaling up in tropical forests. *Science* 351(6272): 1360-1361
- Chua-Barcelo, R.T. 2014. Ethno-botanical survey of edible wild fruits in Benguet, Cordillera administrative region, the Philippines. *Asian Pac J Trop Biomed* 4(Suppl 1): S525-S538.
- Colette, H., J.D. Ford, and A.C. Willox. 2017. Intergenerational transfer of traditional ecological knowledge in coastal communities of New found land and Labrador, Canada. *Ecology and Society* 22(1): 16.
- Cowie, R.H., P. Bouchet, and B. Fontaine. 2022. The Sixth Mass Extinction: fact, fiction or speculation?. *Biol Rev.* 97: 640-663.
- De Beer, J.J.J. and B.-E van Wyk. 2011. An ethnobotanical survey of the Agter–Hantam, Northern Cape Province, South Africa. *South African Journal of Botany* 77: 741–754.
- Debela, H.F., J.T. Njoka, Z. Asfaw, and M.M. Nyangito. 2012. Nutritional value of Berchemia discolor: A potential to food and nutrition security of households. *J. Biol. Sci.* 12: 263-271.
- Effiong, G.S. and I.F. Udo. 2010. Nutritive values of four indigenous wild fruits in Southeastern Nigeria. *Electronic journal of environmental, agricultural and food chemistry* 9: 1168-1176.
- Elfrida, A. Mubarak, and A.B. Suwardi. 2020. The fruit plant species diversity in the home gardens and their contribution to the livelihood of communities in rural area. *Biodiversitas* 21 (8): 3670-3675.
- Fajri, M. and Supartini. 2015. Analisis vegetasi tengkawang di kebun masyarakat kabupaten Sintang, Kalimantan Barat. *Jurnal Penelitian Ekosistem Dipterokarpa* 1(2): 55 – 62.
- Fakhrozi, I., A. Hikmat dan D. Widyatmoko. 2013. Konservasi Ex situ Mangifera casturi Kosterm. berbasis masyarakat: Studi kasus di Kabupaten Indragiri Hilir, Provinsi Riau. *Jurnal Biologi Indonesia* 9(1): 141-151.
- FAO. 2020. *Global forest resources assessment 2020: Main report*. Rome, Italy: FAO Forestry Paper 178.
- Fick, S.E. and R.J. Hijmans. 2017. WorldClim 2: New 1-km spatial resolution climate surfaces for global land areas. *Int. J. Climatol.* 37: 4302.

- Feitosa IS, J.M. Monteiro, E.L. Araujo, P.F.M. Lopes, and U.P. Albuquerque. 2018. Optimal foraging theory and medicinal bark extraction in northeastern Brazil. *Hum Ecol.* 46: 917–922.
- Freedman, D. 2009. *Statistical Models: Theory and Practice*. Revised Edition, Cambridge University Press.
- Frison, E. A, I.F. Smith, T. Johns, J. Cherfas, and P.B. Eyzaguirre. 2006. Agricultural biodiversity, nutrition, and health: making a difference to hunger and nutrition in the developing world. *Food and Nutrition Bulletin* 27(2): 167–179.
- Gairola, S., C.M. Sharma, and S.K. Ghildiyal. 2011. Impact of human activities on plant diversity and soil physico-chemical properties in a dry tropical forest of Uttarakhand, India. *Journal of Environmental Biology* 32(5): 641-648.
- Game, E.T., H.S. Grantham, A.T. Lombard, and H.P. Possingham. 2010. Effective conservation requires clear objectives and prioritizing actions, not places, based on relative cost-effectiveness. *Proceedings of the National Academy of Sciences* 107(29): 12816-12821.
- Ganzhorn, J.U., S. Fraschetti, J.E.M. Watson, W.J. Sutherland, M. de Fonzo, M.H. Hoffmann, D.B. Butchart, P. Visconti, C. Rondinini, A. Rodrigues, S.H.M. Butchart, N.D. Burgess, and J.E. Fa. 2017. Saving the flagship: Land and marine conservation efforts should focus on the world's most unique and threatened ecosystems. *BioScience* 67(3): 216-222.
- Gascon, M., M. Triguero-Mas, D. Martínez, P. Dadvand, J. Forns, A. Plasència, and M.J. Nieuwenhuijsen. 2015. Mental health benefits of long-term exposure to residential green and blue spaces: a systematic review. *Int J Environ Res Public Health* 12(4): 4354-4379.
- Gebauer, J., Y.O. Adam, A.C. Sanchez, D. Darr, M.E. Eltahir, K.E. Fadl, and M. Hunsche. 2016. Africa's wooden elephant: the baobab tree (*Adansonia digitata* L.) in Sudan and Kenya: A review. *Genet. Resour. Crop Evol.* 63: 377-399.
- Ghorbani, A. and Y. Saeedi. 2019. Ethnobotanical assessment of plant resources of the Qarah Aghaj rangelands, Iran. *J. Ethnobiol. Ethnomed.* 15(1): 1-15.
- Giday, M., Z. Asfaw, Z. Woldu, and T. Teklehaymanot. 2021. Cultural significance of medicinal plant diversity in the Ethiopian Rift Valley: A case study from Fiche, Oromia region. *Journal of Ethnopharmacology* 279: 114352.

- Gusain, Y.S. and V.P. Khanduri. 2016. *Myrica esculenta*, wild edible fruit of Indian Himalaya: need a sustainable approach for indigenous utilization. *Eco. Env. Cons.* 22: 267-270.
- Hautier, Y., D. Tilman, F. Isbell, E.W. Seabloom, E.T. Borer, and P.B. Reich. 2015. Plant ecology. Anthropogenic environmental changes affect ecosystem stability via biodiversity. *Science* 348(6232): 336-340.
- Hazarika, T.K. and T.S. Singh. 2018. Wild edible fruits of Manipur, India: Associated traditional knowledge and implications to sustainable livelihood. *Genet. Resour. Crop Evol.* 65: 319-332.
- Hazarika, T.K., Lalramchhana, and B.P. Nautiyal. 2012. Studies on wild edible fruits of Mizoram, India used as ethno-medicine. *Genet. Resour. Crop. Evol.* 59: 1767–1776.
- Hegazy, O., S. Omar, and M.A. Salam. 2013. A machine learning model for stock market prediction. *International Journal of Computer Science and Telecommunications* 4(2): 17-23.
- Helida, A., E.A.M. Zuhud, Hardjanto, Purwanto, and A. Hikmat. 2015. Index of cultural significance as a potential tool for conservation of plants diversity by communities in The Kerinci Seblat National Park. *Jurnal Manajemen Hutan Tropika* 21 (3): 192-201.
- Huang, Y.I., Y. Zeng, P. Jiang, H. Chen, and J. Yang. 2022. Prediction of potential geographic distribution of endangered relict tree species *Dipteronia sinensis* in China based on MaxEnt and GIS. *Pol. J. Environ. Stud.* 31(4): 3597.
- Ider, I.R. and B. Aylward. 2006. Forest and Floods. *Water Int.* 31: 87-99
- Ifo, S.A., J.M. Moutsambote, F. Koubouana, J. Yoka, S.F. Ndzaï, L.N.O. Bouetou-Kadilamio, H. Mampouya, C. Jourdain, Y. Bocko, A.B. Mantota, M. Mbemba, D. Mouanga-Sokath, R. Odende, L.R. Mondzali, Y.E.M. Wenina, B.C. Ouissika, and L.J. Joel. 2016. Tree species diversity, richness, and similarity in intact and degraded forest in the tropical rainforest of the Congo Basin: Case of the forest of Likouala in the Republic of Congo. *International Journal of Forestry Research* 2016: 1-12.
- Iqbal, Z. S. Shahid, K. Ahmed, T. Ismail, G.F. Ziarh, E.S. Chung, and W. Wang. 2021. Evaluation of CMIP6 GCM rainfall in mainland Southeast Asia. *Atmospheric Research* 254: 105525.
- Ismaini, L., M. Lailati, Rustandi, and D. Sunandar. 2015. Composition and plant diversity analysis on Mount Dempo, South Sumatra. *Pros Sem Nas J Biogeogr.* 31: 1893-1908.

- Jarvis, A., A. Lane, and R.J. Hijmans. 2008. The effect of climate change on crop wild relatives. *Agriculture, Ecosystems and Environment* 126: 13–23.
- Jha, S. and Bawa, K.S. 2006. Population growth, human development, and deforestation in biodiversity hotspots. *Conserv Biol.* 20(3): 906-912.
- Kalaba, F.K., P.W. Chirwa, and H. Prozesky. 2009. The contribution of indigenous fruit trees in sustaining rural livelihoods and conservation of natural resources. *Journal of Horticulture and Forestry* 1(1): 001-006.
- Karun, N.C., P. Vaast, and C.G. Kushalappa. 2014. Bioinventory and documentation of traditional ecological knowledge of wild edible fruits of Kodagu-Western Ghats. *India. J. For. Res.* 25: 717-721.
- Kawarty, A.M.A., L. Behçet1, and U. Çakılcioğlu. 2022. An ethnobotanical survey of medicinal plants in Ballakayati (Erbil, North Iraq). *Turkish Journal of Botany* 44(3): 345-357.
- Khoury, J.D., E. Solary, O. Abla, *et al.* 2022. The 5<sup>th</sup> edition of the World Health Organization Classification of Haematolymphoid Tumours: Myeloid and Histiocytic/Dendritic Neoplasms. *Leukemia* 36: 1703–1719.
- Khruomo, N. and C.R. Deb. 2018. Indigenous wild edible fruits: Sustainable resources for food, medicine and income generation, a study from Nagaland, India. *J Exp Biol Agric Sci* 6 (2): 405-413.
- Körner, C. 2003. Alpine plant life: functional plant ecology of high mountain ecosystems. Springer-Verlag.
- Kotresha, K. and M. Siddeshwari. 2021. Wild edible fruits and their medicinal uses in Ballari District of Karnataka. *PENSEE* 51 (6): 1136-1143.
- Kujawska, M. and P. Klepacki. 2021. Ethnobotanical knowledge of wild plants in western Siberia: a case study among Khanty and Mansi communities. *Journal of Ethnobiology and Ethnomedicine* 17(1): 1-19.
- Kusmana, C. and R. Yunus. 2014. Keanekaragaman tumbuhan di kawasan hutan pegunungan Bukit Barisan, Sumatera. *Jurnal Biologi Indonesia* 10(1): 101-110.
- Kusnadi, J. and W. Nirwana. 2015. Traditional food and medicinal uses of *Garcinia xanthochymus* in West Sumatra, Indonesia. *Biodiversitas* 16(2): 283-288.
- Kuswati, K. and W.C. Adi. 2021. Gathering nutritious edible wild plants based on societies indigenous knowledge from Sempolan, Jember Regency. *Jurnal Biologi Tropis* 21(2): 393–402.

- Lalnunmawii, R., L. Ralte, and P. Lalramnghaki. 2021. Cultural significance of wild edible plants in the traditional diet of the Mizoram tribe in Northeast India. *Journal of Ethnic Foods* 8: 57-65.
- Leakey, R.R.B., Z. Tchoundjeu, K. Schreckenberg, S.E. Shackleton, and C.M. Shackleton. 2005. Agroforestry Tree Products (AFTP): Targeting poverty reduction and enhanced livelihoods. *International Journal for Agricultural Sustainability* 3: 1-23.
- Li, Y., J.J. Zhang, D.P. Xu, T. Zhou, Y. Zhou, S. Li, and H.B. Li. 2016. Bioactivities and health benefits of wild fruits. *International Journal of Molecular Sciences* 17(8): 2-27
- Li, W., X. Zhang and Y. Wang. 2016. The effects of topography, soil properties, and land use on soil organic carbon and nitrogen distributions along a slope of the Loess Plateau, China. *Catena* 147, 682-689.
- Ludwig, J.A. and J.F. Reynolds. 1988. *Statistical Ecology: A Primer on Methods and Computing*. New York: Wiley-Interscience Pub.
- Machado, R.B., J.G. Ferreira, F.S. Ferreira, I.R. Leal, and M. Tabarelli. 2021. Conservation Priority Index for threatened species in the Atlantic Forest hotspot. *Biological Conservation* 256: 109067.
- Mahapatra, A.K. and P.C. Panda. 2012. Wild edible fruit diversity and its significance in the livelihood of indigenous tribals: Evidence from Eastern India. *Food Sec* 4: 219-234.
- Margules, C.R. and R.L. Pressey. 2000. Systematic conservation planning. *Nature* 405(6783): 243-253.
- Maxwell, S.L., R.A. Fuller, and J.E.M. Brooks. 2021. Watson Biodiversity: the ravages of guns, nets and bulldozers. *Nature* 536 (7615): 143-145
- Mekonnen, T., O. Luukkanen, and P. Pellikka. 2020. Spatial patterns and determinants of plant diversity in the Simien Mountains National Park, Ethiopia. *Applied Geography* 123
- Milow, P., S.B. Malek, J. Edo, and H-C. Ong. 2014. Malaysian species of plants with edible fruits or seeds and their valuation. *International Journal of Fruit Science* 14(1): 1-27.
- Misra, R., D. Barik, and L. Acharya. 2019. Cultural food significance index (CFSI): An empirical tool to understand biocultural diversity in food systems. *Journal of ethnobiology and ethnomedicine* 15(1): 1-10.

- Mustafa, Y. and E. Murniati. 2017. Nilai budaya dan ekonomi Asam Kandis (*Garcinia xanthochymus*) pada masyarakat Melayu Provinsi Riau. *Jurnal Konservasi Alam Tropis* 3(1): 23-28.
- Myers, N., R.A. Mittermeier, C.G. Mittermeier, G.A. Da Fonseca, and J. Kent. 2000. Biodiversity hotspots for conservation priorities. *Nature* 403(6772): 853-858.
- Nathan, R. and H.C. Muller-Landau. 2000. Spatial patterns of seed dispersal, their determinants and consequences for recruitment. *Trends in Ecology & Evolution* 15(7): 278-285.
- Navia, Z.I. and T. Chikmawati. 2015. *Durio tanjungpurensis* (Malvaceae), a new species and its one new variety from West Kalimantan, Indonesia. *Bangladesh J Bot* 44 (3): 429-436.
- Navia, Z.I., D. Audira, N. Afifah, K. Turnip, Nuraini, and A.B. Suwardi. 2020. Ethnobotanical investigation of spice and condiment plants used by the Taming tribe in Aceh, Indonesia. *Biodiversitas* 21(10): 4467-4473.
- Navia, Z.I., A.B. Suwardi, and Baihaqi. 2021b. Ethnobotanical study of medicinal plants used by local communities in Sekerak Sub-district, Aceh Tamiang, Indonesia. *Biodiversitas* 22(10): 4467-4473.
- Navia, Z.I., A.B. Suwardi, and Nuraini. 2021a. The importance of tropical edible fruit plants for tribal communities in East Aceh Region, Indonesia. *Earth Environ Sci* 637: 012003.
- Nazarudeen, A. 2010. Nutritional composition of some lesser-known fruits used by ethnic communities and local folks of Kerela. *Ind J Tradit. Knowl.* 9 (2): 398-402.
- Newbold, T., L.F. Bentley, S.L. Hill, M.J. Edgar, M. Horton, G. Su, C.H. Sekercioglu, B. Collen, and A. Purvis. 2020. Global effects of land use on biodiversity differ among functional groups. *Funct. Ecol.* 34: 684-693.
- Nurfadilah, S., A. Fauzi, and A. Jayanegara. 2021. The potential of *Garcinia xanthochymus* for functional food and nutraceuticals: A review. *Journal of Ethnic Foods* 8(1): 1-12.
- Nunes, A.T., V.T. Nascimento, I.S. Feitosa, M.F.T. Medeiros, and U.P. Albuquerque. 2012. Caatinga plants with nutritional potential: a review from the work “Contribution to the study of the Flora from Pernambuco, Brazil” (1954) by Dárdano de Andrade Lima. *Ethnobio Conserv* 1:5
- O'Neill, A.R., H.K. Badola, P.P. Dhyani, and S.K. Rana. 2017. Integrating ethnobiological knowledge into biodiversity conservation in the Eastern Himalayas. *J Ethnobiol Ethnomed.* 13(1): 21.

- Ong, H.C., A. Norliah, and M. Sorayya. 2012. Traditional knowledge and usage of edible plants among the Temuan villagers in Kampung Tering, Kuala Pilah, Negeri Sembilan, Malaysia. *Indian J Tradit Know* 11(1): 161-165.
- Paine, R.T. 1969. A note on trophic complexity and community stability. *American Naturalist* 103: 91–93.
- Panter, C.T., Xirouchakis, S., Danko, Š., Matušík, H., Podzemný, P., Ovčiariková, S., and Literák, I. 2020. Kites (*Milvus* spp.) wintering on crete. *The European Zoological Journal* 87:591–596.
- Panyaphu, K. and H. Balslev. 2016. Prioritizing useful plants in biodiversity hotspots: Patterns of use and availability in Thailand. *Journal of Ethnobiology and Ethnomedicine* 12(1): 1-18.
- Pauli, H., M. Gottfried, and G. Grabherr. 1996. Effects of climate change on mountain ecosystems—upward shifting of alpine plants. *World Resource Review* 8(3): 382-390.
- Pecl, G. T., M.B. Araújo, J.D. Bell, J. Blanchard, T.C. Bonebrake, I.C. Chen, and C.M. Duarte. 2017. Biodiversity redistribution under climate change: Impacts on ecosystems and human well-being. *Science* 355(6332): 9214.
- Peduruhewa P.S., K.G.L.R. Jayathunge, and R. Liyanage. 2021. Potential of underutilized wild edible plants as the food for the future – A Review. *Journal of Food Security* 9(4): 136-147.
- Pei, S., Zhang, G., and H. Huai. 2009. Application of traditional knowledge in forest management: ethnobotanical indicators of sustainable forest use. *Journal Forest Ecology and Management* 257: 2012-2017.
- Pelletier, J.D., G.A. Barron-Gafford, H. Gutiérrez-Jurado, E.-L.S. Hinckley, E. Istanbulluoglu, L.A. McGuire, G.-Y. Niu, M.J. Poulos, C. Rasmussen, P. Richardson, T.L. Swetnam, and G.E. Tucker. 2018. *Earth Surface Processes and Landforms* 43(5): 1133–1154
- Petchey, O.L., and K.J. Gaston. 2006. Functional diversity: back to basics and looking forward. *Ecology Letters* 9: 741-758.
- Phillips, S.J., R.P. Anderson, M. Dudík, R.E. Schapire, and M.E. Blair. 2017. Opening the black box: an open-source release of Maxent. *Ecography* 40: 887–893.
- Pieroni, A. 2001. Gathering and consuming wild food plants in the Macedonian part of north-western Greece. *International Journal of Food Sciences and Nutrition* 52(5): 327-334.

- Polat, R., U. Cakilcioglu, K. Kaltalioğlu, M.D. Ulusan, and Z. Türkmen. 2015. An ethnobotanical study on medicinal plants in Espiye and its surrounding (Giresun-Turkey). *J Ethnopharmacol.* 163: 1-11.
- Posey, D.A. 1999. Indigenous knowledge and biodiversity conservation. *Journal of International Development: The Journal of the Development Studies Association* 11(4): 519-526.
- Pratama, M.F., A. Dwiartama, D. Rosleine, R. Abdulharis, and A.S.D. Irsyam. 2019. Documentation of underutilized fruit trees (UFTs) across indigenous communities in West Java, Indonesia. *Biodiversitas* 20(9): 2603-2611.
- Pretele, R., P. Alexander, M. Rounsevell, A. Arneth, K. Calvin, J. Doelman, D. Eitelberg, K. Engström, S. Fujimori, T. Hasegawa, P. Havlik, F. Humpenöder, A.K. Jain, T. Krisztin, P. Kyle, P. Meiyappan, A. Popp, R.D. Sands, R. Schaldach, J. Schüngel, E. Stehfest, A. Tabeau, H. van Meijl, J. van Vliet, and P.H. Verburg. 2016. Hotspots of uncertainty in land use and land cover change projections: a global scale model comparison. *Glob. Chang. Biol.* 22: 3967-3983.
- Pressey, R.L., M. Cabeza, M.E. Watts, R.M. Cowling, and K.A. Wilson. 2007. Conservation planning in a changing world. *Trends in Ecology & Conservation* 22(11): 583-592.
- Qian, Z.G., J. Liu, and X.W. Zhang. 2019. Education and socialization can enhance public awareness of and support for conservation. *Biological Conservation* 229: 114-121
- Rahmah, K. Kartawinata, Nisyawati, W. Wardhana, and E. Nurdin. 2016. Tree species diversity in the lowland forest of the core zone of the Bukit Duabelas National Park, Jambi, Indonesia. *Reinwardtia* 15(1): 11-26.
- Rahman, A. 1985. A new measure of similarity between two datasets. *Pattern Recognition* 18(5): 355-361
- Ramirez-Villegas, J., M. Salazar, A. Jarvis, and C. Navarro-Racines. 2012. A way forward on adaptation to climate change in Colombian agriculture: perspectives towards 2050. *Clim Chang* 115:611–628
- Rasmussen, C., L. McGuire, P. Dhakal, and J.D. Pelletier. 2017. Coevolution of soil and topography across a semiarid cinder cone chronosequence. *CATENA* 156: 338-352.
- Rathore M. 2009. Nutrient content of important fruit trees from arid zone of Rajasthan. *J Hortic Fores.* 1: 103-108.
- Reyes-Garcia, V., U. Pascual, V. Vadéz, T. Huanca, and Bolivia Study Team. 2011. The Role of Ethnobotanical Skills and Agricultural Labor in Forest Clearance: Evidence from the Bolivian Amazon. *Ambio* 40: 310–321.

- Riahi, K., D.P. van Vuuren, E. Kriegler, J. Edmons, B.C. O'Neil, S. Fujimori, and K. Calvin. 2017. The shared socioeconomic pathways and their energy, land use, and greenhouse gas emissions implications: An overview. *Global environmental Change* 42: 153-168.
- Rodrigues, A.S.L., S.J. Andelman, M.I. Bakarr, L. Boitani, T.M. Brooks, R.M. Cowling, L.D.C. Fishpool, G.A.B. da Fonseca, K.J. Gaston, M. Hoffmann, J.S. Long, P.A. Marquet, J.D. Pilgrim, R.L. Pressey, J. Schipper, W. Sechrest, S.N. Stuart, L.G. Underhill, R.W. Waller, M.E.J. Watts, and X. Yan,. 2004hlh. Global gap analysis: priority regions for expanding the global protected-area network. *Bioscience* 54(12), 1092-1100
- Roos, M.C., P.J.A. Kebler, R. Gradstein, and P. Baas. 2004. Species diversity and endemism of five major Malesian island: Diversity-area relationships. *J Biogeogr* 31: 1893-1908.
- Rugayah, E.A. Widjaja, and Praptiwi (eds.). 2004. *Pedoman pengumpulan data keanekaragaman flora*. Bogor: Pusat Penelitian Biologi.
- Saifullah, M.G., S. Saha, and M.M. Rahman. 2020. Assessment of plant diversity in urban forest ecosystem of Sylhet City Corporation, Bangladesh. *Journal of Forestry Research* 31(3): 1149-1160.
- Šamonil, P., K. Král, and L. Hort. 2010. The role of tree uprooting in soil formation: A critical literature review. *Geoderma* 157: 65-79.
- Sardadi, A., L. Makmur, and E. Kusumah. 2019. Ethnobotanical study of medicinal plants used by local people in Mukomuko Regency, Bengkulu Province, Indonesia. *Biodiversitas* 20(2): 400-411.
- Sardeshpande, M. and C. Shackleton,. 2019. Wild edible fruits: A systematic review of an under-researched multifunctional NTFP. *Forests* 10(6): 467
- Sarmiento-Franco, L.A., G. Sánchez-Mejorada, and M. Keb-Llanes. 2017. Cultural food significance of wild mammals and birds in Opata communities, Sonora, Mexico. *J. Ethnobiol. Ethnomed.* 13(1): 1-15.
- Schreckenberg, K., A. Awono, A. Degrande, C. Mbosso, O. Ndoye, and Z. Tchoundjeu. 2006. Domesticating indigenous fruit trees as a contribution to poverty reduction. *Forests, Trees and Livelihoods* 16: 35-52.
- Seto, K.C., B. Güneralp, and L.R. Hutyra. 2012. Global forecasts of urban expansion to 2030 and direct impacts on biodiversity and carbon pools. *Proceedings of the National Academy of Sciences* 109(40): 16083-16088.

- Silva, J.L., O. Cruz-Neto, M. Tabarelli, U.P. de Albuquerque, and A.V. Lopes. 2022. Climate change will likely threaten areas of suitable habitats for the most relevant medicinal plants native to the Caatinga dry forest. *Ethnobiology and Conservation* 11: 15.
- Slik, J.W., V. Arroyo-Rodriguez, S.I. Aiba, P. Alvarez-Loayza, L.F. Alves, P. Ashton, *et al.* 2010. Environmental correlates of tree biomass, basal area, wood specific gravity and stem density gradients in Borneo's tropical forests. *Ecography* 33(2), 275-288.
- Soldati, G.T., P.M. de Medeiros, R. Duque-Brasil, F.M.G. Coelho, and U.P. Albuquerque. 2017. How do people select plants for use? Matching the ecological apparenacy hypothesis with optimal foraging theory. *Environ Dev Sustain.* 19: 2143–2161
- Song, C., W.K. Lee, H.A. Choi, J. Kim, S.W. Jeon, and J.S. Kim. 2016. Spatial assessment of ecosystem functions and services for air purification of forests in South Korea. *Environ. Sci. Policy* 63: 27-34.
- Sop, T.K., J. Oldeland, and F. Bognounou. 2020. Ethnobotanical knowledge of local communities in the periphery of W National Park (West Africa). *J. Ethnobiol. Ethnomed.* 16(1): 1-19
- Souza, A.S., U.P. Albuquerque, A.L.B. do Nascimento, F.S. Santoro, W.M. Torres-Avilez, R.F.P. de Lucena, and J.M. Monteiro. 2017. Temporal evaluation of the Conservation Priority Index for medicinal plants. *Acta Botanica Brasilica* 31(2): 169-179.
- Sujarta, I.N. 2017. Perubahan iklim dan dampaknya terhadap distribusi jenis tumbuhan di Bukit Barisan Selatan. *Jurnal Geografi* 21(1): 52-63.
- Sujarwo, W., I.B.K. Arinasa, G. Caneva, and P.M. Guarera. 2016. Traditional knowledge of wild and semi-wild edible plants used in Bali (Indonesia) to maintain biological and cultural diversity. *Plant Biosystems* 1-6.
- Sujarwo, W., I.B.T. Arinasa, F. Salomone, G. Caneva, and S. Fattorini. 2014. Cultural erosion of Balinese Indigenous knowledge of food and nutraceutical plants. *Economic Botany* 68(4): 426–437.
- Sutrisno, I.H., B. Akob, Z.I. Navia, Nuraini and A.B. Suwardi. 2020. Documentation of ritual plants used among the Aceh Tribe in Peureulak, East Aceh District, Indonesia. *Biodiversitas* 21(11): 4990-4998.
- Suwardi, A.B., Z.I. Navia, T. Harmawan, Syamsuardi, and E. Mukhtar. 2020. Wild edible fruits generate substantial income for local people of the Gunung Leuser National Park, Aceh Tamiang Region. *Ethnobot. Res. Appl.* 20: 11.

- Suwardi, A.B., Z.I. Navia, T. Harmawan, Syamsuardi, and E. Mukhtar. 2020. Ethnobotany, nutritional composition and sensory evaluation of Garcinia from Aceh, Indonesia. *Mater Sci Eng* 725 (1): 012064.
- Suwardi, A.B., Mardudi, Z.I. Navia, Baihaqi, and Muntaha. 2021. Documentation of medicinal plants used by Aneuk Jamee tribe in Kota Bahagia Subdistrict, South Aceh, Indonesia. *Biodiversitas* 22(1): 6-15.
- Suwardi, A.B., Z.I. Navia, T. Harmawan, Syamsuardi, and E. Mukhtar. 2022. Importance and local conservation of wild edible fruits in the East Aceh region, Indonesia. *Intl J Conserv Sci* 13 (1): 221-232.
- Svenning, J.C., S. Normand, and F. Skov. 2008. Global patterns of plant diversity and floristic knowledge. *Journal of Biogeography* 35(2): 500-508.
- Syamsuardi, E. Mukhtar, Nurainas, and A.B. Suwardi. 2022. Diversity and use of wild edible fruits in the Bukit Rimbang – Bukit Baling Wildlife Reserve, Kampar, Riau, Indonesia. *Biodiversitas* 23(10): 5035-5042.
- Tardiō, J., and M. Pardo-de-Santayana. 2008. Cultural importance indices: a comparative analysis based on the useful wild plants of Southern Cantabria (Northern Spain). *Eco Bot* 62: 24-39.
- Tilman, D., F. Isbell, and J.M Cowles. 2014. Biodiversity and ecosystem functioning. *Annual review of ecology, evolution, and systematics* 45: 471-493.
- Turner, N.J. 2005. The Earth's Blanket: Traditional Teachings for Sustainable Living. University of Washington Press.
- Turner, B.L., E.F. Lambin, and A. Reenberg. (Eds.). 2007. *Land-use and land-cover change: local processes and global impacts*. UK: Springer Science & Business Media.
- Turner, N.J. 1988. The importance of a rose: Evaluating the cultural significance of plants in Thompson and Lillooet interior Salish. *Journal of American Anthropologist* 90(2):272–290.
- Uji T. 2007. Species diversity of indigenous fruits in Indonesia and its potential. *Biodiversitas* 8(2):157-167.
- Uji, T. 2004. Species diversity, germplasm, and potential of Borneo indigenous fruits. *BioSMART* 6 (2): 117-125.
- Undri, U. 2016. The society local wisdom in forest management in Tabala Jaya village, Banyuasin II, Banyuasin district, South Sumatera Province. *Jurnal Penelitian Sejarah dan Budaya* 2(1): 308–323.

- Vale, M.M., M.S. Lima-Ribeiro, and T.C. Rocha. 2021. Global land-use and land-cover data: historical, current and future scenarios. *Biodiversity Informatics* 16 (1): 28-38.
- Van der Hoeven, M., J. Osei, M. Greeff, A. Kruger, M. Faber, and C.M. Smuts. 2013. Indigenous and traditional plants: South African parents' knowledge, perceptions and uses and their children's sensory acceptance. *J. Ethnobiol. Ethnomed.* 9: 1–12.
- Vellend, M., I.H. Myers-Smith, S.C. Elmendorf, P.A. Wookey, R.I. Speed, *et al.* 2017. Estimates of local biodiversity change over time stand up to scrutiny. *Global Change Biology* 23(8): 3291-3299
- Vinceti, B., C. Termote, N. Thiombiano, D. Agúndez, and N. Lamien. 2018. Food tree species consumed during periods of food shortage in Burkina faso and their threats. *For. Syst.* 27(2): e006
- Wang, Y., Y. Zhang, and Y. Jiang. 2019. Effects of topography and soil properties on soil organic carbon and total nitrogen stocks in a hilly agricultural region. *Catena* 180: 383-392.
- Whitten, T., S.J. Damanik, J. Anwar, and N. Hisyam. 1997. *The Ecology of Sumatra*. Singapore: Periplus Editions (HK) Ltd.
- Wiersema, J. and B. León. 2013. *World Economic Plants: A Standard Reference* (Second ed.). CRC Press: Taylor & Francis Group.
- Willis, K.J. (Ed.). 2017. *State of the World's Plants 2017*. Royal Botanic Gardens: Kew
- Wright, S.J. and H.C. Muller-Landau. 2006. The future of tropical forest species. *Biotropica*, 38(3), 287-301.
- Xu, M., L. Yang, S. Zhang, and G. Zhou. 2017. Soil organic carbon accumulation and its influencing factors under different land uses on the Loess Plateau, China. *Geoderma Regional* 10: 105-112.
- Xue, K., M. Yuan, J. Xie, and D. Li. 2018. The effects of slope position and land use on soil organic carbon and nitrogen in a small watershed on the Loess Plateau, China. *Catena* 163: 358-366.
- Yangdon, P., T. Araki, Y.Y.S. Rahayu, and K. Norbu. 2022. Ethnobotanical study of wild edible fruits in eastern Bhutan. *J Ethnobiol. Ethnomed.* 18:27.
- Yineger, H., E. Kelbessa, and T. Bekele. 2021. Ethnobotanical study. of anti-malarial medicinal plants in Serbo district. Jimma Zone, Southwestern Ethiopia *J Ethnobiol. Ethnomed.* 17(1): 1-23.

- Yobo, C. M. and K. Ito. 2015. Trade of the most popular indigenous fruits and nuts, threats and opportunities for their sustainable management around the Ivindo National Park (INP), Gabon. *International Journal of Biodiversity and Conservation* 7(2): 85–102.
- Zapanta, B.R., M.J.M.M. Achondo, A.F.M. Raganas, F.A. Camino, A.G.D. Delima, J.A. Mantiquilla, R.P. Puentespina, and F.R.P. Salvaña. 2019. Species richness of trees in disturbed habitats within a protected area and its implications for conservation: The case of Mt. Apo Natural Park, Mindanao Island, Philippines. *Biodiversitas* 20(7): 2081-2091.
- Zhang, Y., H. Yuan, and M. Yu. 2011. Assessment of threaten status on the wild plants under state protection in China. *Biodivers Sci* 19(1): 57-62.

