

REFERENCES

- Amir, M and Kahono, S., 2003. Serangga Taman Nasional Gunung Halimun Jawa Bagian Barat. (Bogor: Biodiversity Conservation Project-JICA).
- Abang, F., 2006. *Butterflies of Malaysian Borneo: A pocket guide*. Kota Semarahan, Sarawak: Universiti Malaysia Sarawak, 2006.
- Atmowidi, T., Buchori, D., Manuwoto, S., Suryobroto, B. and Hidayat, P., 2007. Diversity of pollinator insects in relation to seed set of mustard (*Brassica rapa* L.: Cruciferae). *HAYATI Journal of Biosciences*, 14(4), pp.155-161.
- Amanda, A.K., Herwina, H. and Janra, M.N., 2021. Species Composition of Butterflies (Lepidoptera: Rhopalocera) at Solok Botanical Garden, Solok, West Sumatera, Indonesia. In *IOP Conference Series: Earth and Environmental Science* (Vol. 757, No. 1, p. 012077). IOP Publishing.
- Boggs, C.L., 1988. Rates of nectar feeding in butterflies: effects of sex, size, age and nectar concentration. *Functional Ecology*, pp.289-295.
- Barkin, D., 2000. The economic impacts of ecotourism: conflicts and solutions in Highland Mexico. In *Tourism and development in mountain regions*. (pp. 157-171). Wallingford UK: CABI Publishing.
- Bakowski, M. and Boron, M., 2005. Flower visitation patterns of some species of Lycaenidae [Lepidoptera]. *Biological letters*, 42(1).
- Bashar, M.A., 2018. Vision on biodiversity: ecotourism and biodiversity conservation in Bangladesh. *Journal of Biodiversity Conservation and Bioresource Management*, 4(1), pp.1-10.
- Baskoro, K., Irawan, F. and Kamaludin, N., 2018. Odonata Semarang Raya: Atlas Biodiversitas Capung di Kawasan Semarang Raya. Semarang: Departemen Biologi, Universitas Diponegoro.
- Bibas, E., Herwina, H., Janra, M.N. and Amanda, A.K., 2021. Diversity of Butterfly species (Lepidoptera: Rhopalocera) attracted to Carrion Trap at Harau

Valley Nature Reserve. In *IOP Conference Series: Earth and Environmental Science* (Vol. 757, No. 1, p. 012082). IOP Publishing.

Coote, L.D., 2000. CITES Identification Guide, Butterflies: Guide to the Identification of Butterfly Species Controlled Under the Convention on International Trade in Endangered Species of Wild Fauna and Flora. Environment Canada, Wildlife Division, Enforcement Branch.

Cruz, R.E.H., Baltazar, E.B., Gómez, G.M. and Lugo, E.I.E., 2005. Social adaptation ecotourism in the Lacandon forest. *Annals of Tourism Research*, 32(3), pp.610-627.

Dickson, R., 1976. A Lepidopterist's Handbook The Amateur Entomologist Society. *The Amateur Entomologist*, 13.

De Vries, P.J., 1988. Stratification of fruit-feeding nymphalid butterflies in. *Journal of Research on the Lepidoptera*, 26(1-4), pp.98-108.

Dunn, R.R., 2004. Managing the tropical landscape: a comparison of the effects of logging and forest conversion to agriculture on ants, birds, and lepidoptera. *Forest Ecology and Management*, 191(1-3), pp.215-224.

Duara, P. and Kalita, J., 2014. Butterfly as pollinating insects of flowering plants. *Global Journal of Science Frontier Research (C)*, 14(1), pp.1-5.

Efendi, M.A., 2009. *Diversity of Butterflies (Lepidoptera: Ditrysia) in "Corridor Forest", Gunung Halimun-Salak National Park, West Java* (Doctoral dissertation, Tesis]. School of Post Graduate Studies of Bogor Agricultural University. Bogor).

Glassberg, J., 2001. *Butterflies through binoculars: the west*. Oxford University Press.

Gullan, P.J. and Cranston, P.S., 2014. *The insects: an outline of entomology*. John Wiley & Sons.

Gursoy D, Nunkoo R. 2019. *The Routledge handbook of tourism impacts* (1st Edition). Routledge, London. DOI: 10.4324/9781351025102.

Hall, M., 2013. Glow-worm tourism in Australia and New Zealand: commodifying and. *The management of insects in recreation and tourism*, pp.217-232.

Hadley, Debbie., 2021, February 16. Learn the 6 Butterfly Families. Retrieved from <https://www.thoughtco.com/learn-butterfly-families-1968213>.

Ilhamdi, M.L., Al Idrus, A. and Santoso, D., 2018. Diversity of species and conservation priority of butterfly at Suranadi Natural Park of West Lombok, Indonesia. *Biosaintifika: Journal of Biology & Biology Education*, 10(1), pp.48-55.

Klass, C. and Dirig, R., 1992. *Learning About Butterflies.*

Kremen, C., Colwell, R.K., Erwin, T.L., Murphy, D.D., Noss, R.A. and Sanjayan, M.A., 1993. Terrestrial arthropod assemblages: their use in conservation planning. *Conservation biology*, pp.796-808.

Kunte, K., 2000. *India, a Lifescape: butterflies of peninsular India*. Universities Press.

Kunte, K., 2001. Butterfly diversity of Pune city along the human impact gradient. *Forest (F)*, 68, p.11.

Kehimkar, I.D., 2008. *Book of Indian butterflies*. Oxford University Press.

Kilipiris, F. and Zardava, S., 2012. Developing sustainable tourism in a changing environment: issues for the tourism enterprises (travel agencies and hospitality enterprises). *Procedia-Social and Behavioral Sciences*, 44, pp.44-52.

Koneri, R. and Maabuat, P.V., 2016. Diversity of butterflies (Lepidoptera) in manembo-nembo wildlife Reserve, north sulawesi, Indonesia. *Pakistan Journal of Biological Sciences*, 19(5), p.202.

Komala, R., Wiyati, S.Y. and Suryanda, A., 2018, September. Larval Growth of Great Mormon Butterfly (*Papilio memnon memnon*) Fed with *Citrus aurantifolia* Leaves. In *Journal of Physics: Conference Series* (Vol. 1097, No. 1, p. 012037). IOP Publishing.

Koneri, R. and Nangoy, M.J., 2019. Butterfly community, structure and diversity in Sangihe Islands, north Sulawesi, Indonesia. *Applied Ecology and Environmental Research*, 17(2), pp.2501-2517.

Lamatoa, D.C., Koneri, R., Siahaan, R. and Maabuat, P.C., 2013. Population of butterflies (Lepidoptera) in Mantheage Island, North Sulawesi. *Jurnal Ilmiah Sains*, 13(1), pp.52-56.

Lemelin, R.H. and Markwell, K., 2015. From the recreational fringe to mainstream leisure: The evolution and diversification of entomotourism. *Animals and tourism: Understanding diverse relationships*, pp.229-239.

Lotts, Kelly and Thomas Naberhaus, coordinators. 2021. Butterflies and Moths of North America. <http://www.butterfliesandmoths.org/>.

Magurran, A.E., 1988. *Ecological diversity and its measurement*. Princeton university press.

Magurran, A. E. 2004. *Measuring Biological Diversity*. Blackwell Science Ltd. United Kingdom.

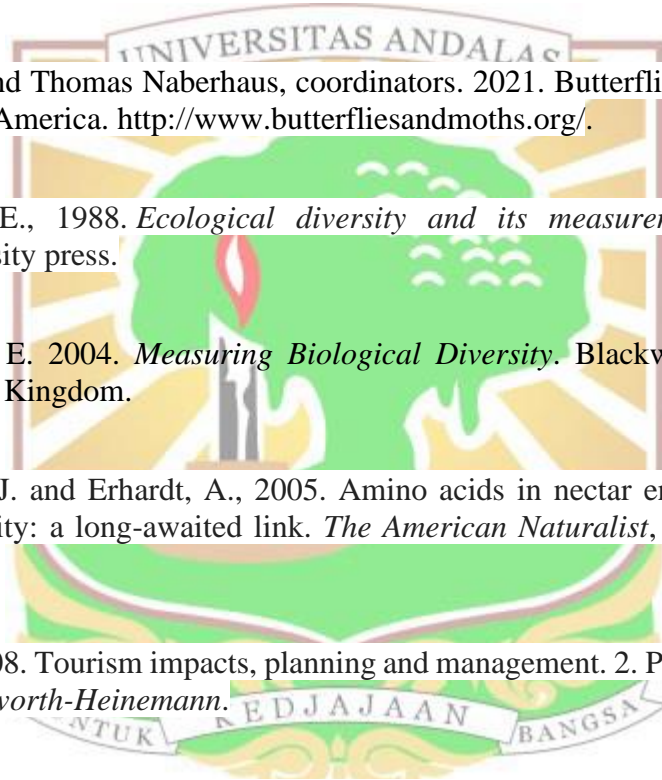
Mevi-Schütz, J. and Erhardt, A., 2005. Amino acids in nectar enhance butterfly fecundity: a long-awaited link. *The American Naturalist*, 165(4), pp.411-419.

Mason, P., 2008. Tourism impacts, planning and management. 2. Painsos. Hungary: Butterworth-Heinemann.

Mensah, I., 2017. Benefits and challenges of community-based ecotourism in park-fringe communities: The case of Mesomagor of Kakum National Park, Ghana. *Tourism Review International*, 21(1), pp.81-98.

New, T.R., Pyle, R.M., Thomas, J.A., Thomas, C.D. and Hammond, P.C., 1995. Butterfly conservation management. *Annual review of entomology*, 40(1), pp.57-83.

Nowicki, P., Settele, J., Henry, P.Y. and Woyciechowski, M., 2008. Butterfly monitoring methods: the ideal and the real world. *Israel Journal of Ecology & Evolution*, 54(1), pp.69-88.



Naing, K.M., Oo, S.S.L., San San Aye, M.K.M., Wilbur, N.D. and Sein, M.M., 2019. Butterflies of Nampaw Creek, Northern Shan State, Myanmar. In *Proceedings of the International Joint Symposium* (p. 150).

Opler, P.A. and Krizek, G.O., 1984. Butterflies East of the Great Plains Johns Hopkins University Press. *Baltimore, Md.*

Öckinger, E. and Smith, H.G., 2006. Landscape composition and habitat area affects butterfly species richness in semi-natural grasslands. *Oecologia*, 149, pp.526-534.

Pivnick, K.A. and McNeil, J.N., 1985. Effects of nectar concentration on butterfly feeding: measured feeding rates for *Thymelicus lineola* (Lepidoptera: Hesperiiidae) and a general feeding model for adult Lepidoptera. *Oecologia*, 66, pp.226-237.

Primack et.al., 1988. *Biologi Konservasi*. Jakarta: Yayasan Obor Indonesia

Pollard, E., 1977. A method for assessing changes in the abundance of butterflies. *Biological conservation*, 12(2), pp.115-134.

Padhye, A.D., Dahanukar, N., Paingankar, M., Deshpande, M. and Deshpande, D., 2006. Season and landscape wise distribution of butterflies in Tamhini, northern Western Ghats, India. *Zoos' print journal*, 21(3), pp.2175-2181.

Peggie, D. and Amir, M., 2006. *Practical guide to the butterflies of Bogor Botanic Garden*. Bidang Zoologi, Pusat Penelitian Biologi, LIPI.

Posa, M.R.C. and Sodhi, N.S., 2006. Effects of anthropogenic land use on forest birds and butterflies in Subic Bay, Philippines. *Biological conservation*, 129(2), pp.256-270.

Peggie, D., 2011. *Precious and protected Indonesian butterflies*. Binamitra Megawarna.

Priyono, B. and Abdullah, M., 2013. Keanekaragaman jenis kupu-kupu di Taman Kehati UNNES. *Biosaintifika: Journal of Biology & Biology Education*, 5(2), pp.100-105.

Peggie D. 2014. Mengenal Kupu-kupu. Pandu Aksara Publishing. Jakarta.[Indonesian]

Phon, C.K., Kirton, L.G. and Yusoff, N.R., 2017. Monitoring butterflies using counts of puddling males: A case study of the Rajah Brooke's Birdwing (Trogonoptera brookiana albescens). *Plos one*, 12(12), p.e0189450.

Rajagopal, T., Sekar, M., Manimozhi, A., Baskar, N. and Archunan, G., 2011. Diversity and community structure of butterfly of Arignar Anna Zoological Park, Chennai, Tamil Nadu. *Journal of Environmental Biology*, 32(2), pp.201-207.

Rahayuningsih, M., Oqtafiana, R. and Priyono, B., 2012. Diversity of butterfly species in the superfamily Papilionoidea at Banyuwindu Hamlet, Limbangan Village, Limbangan District, Kendal Regency. *Jurnal MIPA*, 35, pp.11-20.

Rusman, R., Atmowidi, T. and Peggie, D., 2016. Butterflies (Lepidoptera: Papilionoidea) of Mount Sago, West Sumatra: Diversity and Flower Preference. *Hayati Journal of Biosciences*, 23(3), pp.132-137.

Rosmidi, F.H., Zahidin, M.A., Adanan, A., Azizah, A.M.I.R.A.H., Pesiu, E.L.I.Z.A.B.E.T.H. and Abdullah, M.T., 2017. Checklist of butterflies in Pulau Perhentian and Pulau Bidong, Terengganu. *Journal of Sustainability Science and Management*, 12(1), pp.40-48.

Sorensen, T.A., 1948. A method of establishing groups of equal amplitude in plant sociology based on similarity of species content and its application to analyses of the vegetation on Danish commons. *Biol. Skar.*, 5, pp.1-34.

Seki, Y., Takanami, Y. and Otsuka, K., 1991. Butterflies of Borneo. Lycaenidae. Vol. 2, No. 1. Tobishima Corp., Japan, 114 pp. *English version*.

Seki, Y., Takanami, Y. and Otsuka, K., 1991. Butterflies of Borneo, vol. 2, no. 1. Lycaenidae. Tokyo: Tobishima Corporation. *Japanese with English summary*.

Scott, J.A., 1992. *The butterflies of North America: a natural history and field guide*. Stanford University Press.

Sparrow, H.R., Sisk, T.D., Ehrlich, P.R. and Murphy, D.D., 1994. Techniques and guidelines for monitoring neotropical butterflies. *Conservation Biology*, 8(3), pp.800-809.

Salmah, S., Abbas, I. and Dahelmi, 2002. *Kupu-kupu Papilionidae di Taman Nasional Kerinci Seblat*. Taman Nasional Kerinci Seblat.

Sundufu, A.J. and Dumbuya, R., 2008. Habitat preferences of butterflies in the Bumbuna forest, Northern Sierra Leone. *Journal of Insect Science*, 8(1).

Sharma, G. and Joshi, P.C., 2009. Diversity of Butterflies (Lepidoptera: Insecta) from Dholbaha dam (Distt. Hoshiarpur) in Punjab Shivalik, India. In *Biological Forum* (Vol. 1, No. 2, pp. 11-14).

Sarma, K., Kumar, A., Devi, A., Mazumdar, K., Krishna, M., Mudo, P. and Das, N., 2012. Diversity and habitat association of butterfly species in foothills of Itanagar, Arunachal Pradesh, India. *Cibtech Journal of Zoology*, 1(2), pp.67-77.

Sourakov, A., Duehl, A. and Sourakov, A., 2012. Foraging behavior of the blue morpho and other tropical butterflies: the chemical and electrophysiological basis of olfactory preferences and the role of color. *Psyche*, 2012.

Sari, E.F.W., Soekardi, H. and Nukmal, N., 2013. DIVERSITY OF NYMPHALIDAE IN TEGAL ISLAND AND PUHAWANG KECIL ISLAND, LAMPUNG BAY.

Shahwahid, H.M., Iqbal, M.M., Ayu, A.A.M. and Farah, M.S., 2013. Assessing service quality of community-based ecotourism: A case study from Kampung Kuantan Firefly Park. *Journal of Tropical Forest Science*, pp.22-33.

Thomas, J.A., 2005. Monitoring change in the abundance and distribution of insects using butterflies and other indicator groups. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 360(1454), pp.339-357.

Tiple, A.D., Khurad, A.M. and Dennis, R.L., 2009. Adult butterfly feeding–nectar flower associations: constraints of taxonomic affiliation, butterfly, and nectar flower morphology. *Journal of Natural History*, 43(13-14), pp.855-884.

Thakur, M.S. and Mattu, V.K., 2010. The role of Butterfly as flower visitors and pollinators in Shiwalik hills of western Himalayas. *Asian Journal of Experimental Biological Sciences*, 4, pp.822-825.

Utama, I.G.B.R., 2016. Positioning Eco-Tourism for Improving Destination Image of Bali Indonesia. *E-Journal of Tourism*, 2(1).

Uysal, M., Sirgy, M.J. and Woo, E., Hyelin (Lina) Kim. 2016. "Quality of Life (QOL) and Well-Being Research in Tourism.". *Tourism Management*, 53, pp.244-261.

Vu, L.V. and Quang Vu, C., 2011. Diversity pattern of butterfly communities (Lepidoptera, Papilionoidea) in different habitat types in a tropical rain forest of Southern Vietnam. *International Scholarly Research Notices*, 2011.

Williams, P.H. and Gaston, K.J., 1998. Biodiversity indicators: graphical techniques, smoothing and searching for what makes relationships work. *Ecography*, 21(5), pp.551-560.

Wiranti, D. and Nurtjahya, E., 2019. The diversity of butterflies (Superfamily Papilionoidea) as a success indicator of tin-mined land revegetation. *Biodiversitas Journal of Biological Diversity*, 20(7), pp.1923-1928.

Yolanda, R. and Purnama, A.A., 2016. The swallowtails butterflies (Lepidoptera: Papilionidae) from several area in Rokan Hulu District, Riau Province, Sumatra, Indonesia. *forest*, 2,

