

DAFTAR PUSTAKA

- Alahakoon, A. M. D. B., Pushpakumara, E. M. A. B., Ellepola, G., & Ranawana, K. B. (2017). Food and feeding patterns of Asian Elephants in Udawalawe National Park, Sri Lanka. *Gajah*, 46(2017), 4–13. Retrieved from <https://www.researchgate.net/publication/320857265>
- Alexander, R. D. (1974). The Evolution of Social Behavior. *Annual Review of Ecology and Systematics*, 5(1), 325–383. <https://doi.org/10.1146/annurev.es.05.110174.001545>
- Alikodra, H. . (2010). Pengelolaan Satwaliar Jilid. *Yayasan Penerbit Fakultas Kehutanan, IPB, 1*.
- Amici, F., Aureli, F., & Call, J. (2008). Fission-Fusion Dynamics, Behavioral Flexibility, and Inhibitory Control in Primates. *Current Biology*, 18(18), 1415–1419. <https://doi.org/10.1016/j.cub.2008.08.020>
- Asensio, N., Korstjens, A. H., & Aureli, F. (2009). Fissioning minimizes ranging costs in spider monkeys: A multiple-level approach. *Behavioral Ecology and Sociobiology*, 63(5), 649–659. <https://doi.org/10.1007/s00265-008-0699-9>
- Atmaja, W. mulya. (2017). Perilaku Pergerakan Gajah Sumatera (Elephas maximus sumatranus) dan Frekuensi Terjadinya Konflik Antara Gajah Dengan Manusia Disekitar Taman Nasional Bukit Tigapuluh. *Universitas Gadjahmada*.
- Balai BKSDA Riau. (1997). RPTN Bukit Tigapuluh 1997-2021. *Departemen Kehutanan Provinsi Riau*, 68–71. Retrieved from <http://www.albayan.ae>
- Berliani, K., Alikodra, H. S., Masy'ud, B., & Kusri, M. D. (2018). Food preference of Sumatran elephant (Elephas maximus sumatranus) to commodity crops in human-elephant conflict area of Aceh, Indonesia. *Journal of Physics: Conference Series*, 1116(5). <https://doi.org/10.1088/1742-6596/1116/5/052015>
- Block, W. M., & Brennan, L. A. (1999). Habitat concept in ornithology: theory and applications. *NCASI Technical Bulletin*, (781 I). Retrieved from <http://www.scopus.com/inward/record.url?eid=2-s2.0-0032635320&partnerID=40&md5=f5a925ddba0dfbab58c9c9c0ca5c0032>
- Boonsong, L., & McNeely, J. A. (1979). *Mammals of Thailand. Association for the Conservation of Wildlife*. <https://doi.org/10.2307/1379792>
- BSN. (2014). *Klasifikasi penutup lahan - Bagian 1 : Skala kecil dan menengah*.

- Calabrese, J. M., Fleming, C. H., & Gurarie, E. (2016). ctm : an r package for analyzing animal relocation data as a continuous-time stochastic process. *Methods in Ecology and Evolution*, 7(9), 1124–1132. <https://doi.org/10.1111/2041-210X.12559>
- Campos-Arceiz, A., & Blake, S. (2011). Megagardeners of the forest – the role of elephants in seed dispersal. *Acta Oecologica*, 37(6), 542–553. <https://doi.org/10.1016/j.actao.2011.01.014>
- Cody, M. L. (1981). Habitat Selection in Birds: The Roles of Vegetation Structure, Competitors, and Productivity. *BioScience*, 31(2), 107–113. <https://doi.org/10.2307/1308252>
- Conradt, L., & Roper, T. J. (2005). Consensus decision making in animals. *Trends in Ecology and Evolution*. <https://doi.org/10.1016/j.tree.2005.05.008>
- Couzin, I. (2006). Behavioral ecology: social organization in fission–fusion societies. *Current Biology*, 16(5), 169–171. <https://doi.org/10.1098/rspb.2005.3361.3>
- Couzin, I. D., & Krause, J. (2003). Self-Organization and Collective Behavior in Vertebrates. *Advances in the Study of Behavior*, 32, 1–75. [https://doi.org/10.1016/S0065-3454\(03\)01001-5](https://doi.org/10.1016/S0065-3454(03)01001-5)
- De Silva, S. (2010). Acoustic communication in the Asian elephant, *Elephas maximus maximus*. *Behaviour*, 147(7), 825–852. <https://doi.org/10.1163/000579510X495762>
- de Silva, S., Schmid, V., & Wittemyer, G. (2017). Fission–fusion processes weaken dominance networks of female Asian elephants in a productive habitat. *Behavioral Ecology*, 28(1), 243–252. <https://doi.org/10.1093/beheco/arw153>
- Dickson, B. G., Jenness, J. S., & Beier, P. (2005). Influence Of Vegetation, Topography, and Roads on Cougar Movement in Southern California. *Journal of Wildlife Management*. [https://doi.org/10.2193/0022-541X\(2005\)069<0264:IOVTAR>2.0.CO;2](https://doi.org/10.2193/0022-541X(2005)069<0264:IOVTAR>2.0.CO;2)
- Elton, C. S. (1966). The Pattern of Animal Communities. *Methuen, London, and John Wiley*, 98–100.
- Eltringham, S. K. (1991). The elephant problem. *African Wildlife: Research and Management*, 93–97.
- English, M., Ancrenaz, M., Gillespie, G., Goossens, B., Nathan, S., & Linklater, W. (2014). Foraging site recursion by forest Elephants *Elephas maximus borneensis*. *Current Zoology*. <https://doi.org/10.1093/czoolo/60.4.551>

- Fishlock, V., & Lee, P. C. (2013). Forest elephants: Fission-fusion and social arenas. *Animal Behaviour*, 85(2), 357–363. <https://doi.org/10.1016/j.anbehav.2012.11.004>
- Fleischer, R. C., Perry, E. A., Muralidharan, K., Stevens, E. E., & Wemmer, C. M. (2001). Phylogeography of the Asian elephant (*Elephas maximus*) based on mitochondrial DNA. *Evolution; International Journal of Organic Evolution*, 55(9), 1882–1892. [https://doi.org/10.1554/0014-3820\(2001\)055\[1882:POTAE\]2.0.CO;2](https://doi.org/10.1554/0014-3820(2001)055[1882:POTAE]2.0.CO;2)
- Fleming, C. H., & Calabrese, J. M. (2017). A new kernel density estimator for accurate home-range and species-range area estimation. *Methods in Ecology and Evolution*. <https://doi.org/10.1111/2041-210X.12673>
- Fleming, C. H., Fagan, W. F., Mueller, T., Olson, K. A., Leimgruber, P., & Calabrese, J. M. (2015). Rigorous home range estimation with movement data: a new autocorrelated kernel density estimator. *Ecology*. <https://doi.org/10.1890/14-2010.1>
- Francis, C. M. (2008). A Guide to the Mammals of Southeast Asia. *The Quarterly Review of Biology*, 83(4), 418–419. <https://doi.org/10.1086/596279>
- Frankfurt Zoological Society. (2010). Last Chance to Save Bukit Tigapuluh. *KKI Warsi / Frankfurt Zoological Society / Eyes on the Forest / WWF-Indonesia*, (December).
- Gardenia, E., Nagar, S., & Program, F. (2008). Ranging and Habitat Selection By Asian Elephants. *Natural History*, 105(1), 145–155.
- Garstang, M. (2004). Long-distance, low-frequency elephant communication. *Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology*, 190(10), 791–805. <https://doi.org/10.1007/s00359-004-0553-0>
- Geist, V. (1974). On the Relationship of Social Evolution and Ecology in Ungulates. *American Zoologist*, 14(1), 205–220. <https://doi.org/10.1093/icb/14.1.205>
- Glauber, A. J., Moyer, S., Adriani, M., Gunawan, I., Mileva, E., Harimurti, P., ... Djalal, D. S. (2016). Kerugian dari Kebakaran Hutan Laporan Pengetahuan Lanskap Berkelanjutan Indonesia. *World Bank Group*, 1, 52–53. Retrieved from [https://openknowledge.worldbank.org/bitstream/handle/10986/23840/Forest Fire Notes - Bahasa final april 18.pdf?sequence=6&isAllowed=y](https://openknowledge.worldbank.org/bitstream/handle/10986/23840/Forest%20Fire%20Notes%20-%20Bahasa%20final%20april%2018.pdf?sequence=6&isAllowed=y)
- Gopala, A., Hadian, O., Sunarto, Sitompul, A., Williams, A., Leimgruber, P., ... Gunaryadi, D. (2011). *Elephas maximus* ssp. *sumatranus*. *The IUCN Red List of Threatened Species 2011*, 8235, e.T199856A9129626.

<https://doi.org/http://dx.doi.org/10.2305/IUCN.UK.2011-2.RLTS.T199856A9129626.en>. Downloaded on 09 May 2017

- IUCN. (2015). IUCN Red List of Threatened Species. Retrieved from www.iucnredlist.org
- Johnson, D. H. (1980). The Comparison of Usage and Availability Measurements for Evaluating Resource Preference. *Ecology*, *61*(1), 65–71. <https://doi.org/10.2307/1937156>
- Kerth, G., Ebert, C., & Schmidtke, C. (2006). Group decision making in fission-fusion societies: evidence from two-field experiments in Bechstein's bats. *Proceedings of the Royal Society B: Biological Sciences*, *273*(1602), 2785–2790. <https://doi.org/10.1098/rspb.2006.3647>
- Kuswanda, W., & Mukhtar, A. (2006). Strategi Pengembangan Kelembagaan Zona Penyangga Taman Nasional Bukit Tigapuluh. *Jurnal Penelitian Hutan Dan Konservasi Alam*, *3*, 491–504.
- Lin, L., Feng, L., Pan, W., Guo, X., Zhao, J., Luo, A., & Zhang, L. (2008). Habitat selection and the change in distribution of asian elephants in Mengyang Protected Area, Yunnan, China. *Mammal Research*, *53*(4), 365–374. <https://doi.org/10.1007/BF03195197>
- List, C. (2004). Democracy in animal groups: A political science perspective. *Trends in Ecology and Evolution*. <https://doi.org/10.1016/j.tree.2004.02.004>
- Mahanani, A. I., Hendrarto, I. B., & Tri Retnaningsih Soeprobowati. (2012). Daya Dukung Habitat Gajah Sumatera (*Elephas maximus sumatranus* Temminck). *ProsIDing Seminar Nasional Pengelolaan Sumberdaya Alam Dan Lingkungan Semarang*, *5*(September), 28–30.
- Manly, B. F. J., McDonald, L. L., Thomas, D. L., McDonald, T. L., & Erickson, W. P. (2002). *Resource selection by animals: statistical design and analysis for field studies*. *Journal of Animal Ecology*. <https://doi.org/10.1007/0-306-48151-0>
- Manly, B. F. J., McDonald, L. L., Thomas, D. L., McDonald, T. L., & Erickson, W. P. (2004). *Resource Selection by Animals. Technology*. Dordrecht: Kluwer Academic Publishers. <https://doi.org/10.1007/0-306-48151-0>
- McComb, K., Reby, D., Baker, L., Moss, C., & Sayialel, S. (2003). Long-distance communication of acoustic cues to social identity in African elephants. *Animal Behaviour*, *65*(2), 317–329. <https://doi.org/10.1006/anbe.2003.2047>
- Moßbrucker, A. M., Fleming, C. H., Imron, M. A., Pudyatmoko, S., & Sumardi. (2016). AKDEC home range size and habitat selection of

Sumatran elephants. *Wildlife Research*, 43(7).
<https://doi.org/10.1071/WR16069>

Ortega, J., & Eggert, L. (2004). The Living Elephants: Evolutionary Ecology, Behavior, and Conservation. *Journal of Mammalogy*, 85(3), 582–582.
[https://doi.org/10.1644/1545-1542\(2004\)085<0582:BR>2.0.CO;2](https://doi.org/10.1644/1545-1542(2004)085<0582:BR>2.0.CO;2)

Osborn, F. V. (2004). Seasonal variation of feeding patterns and food selection by crop-raiding elephants in Zimbabwe. *African Journal of Ecology*.
<https://doi.org/10.1111/j.1365-2028.2004.00531.x>

Pinter-Wollman, N., Isbell, L. A., & Hart, L. A. (2009). Assessing translocation outcome: Comparing behavioral and physiological aspects of translocated and resident African elephants (*Loxodonta africana*). *Biological Conservation*, 142(5), 1116–1124.
<https://doi.org/10.1016/j.biocon.2009.01.027>

Rood, E., Ganie, A. A., & Nijman, V. (2010). Using presence-only modelling to predict Asian elephant habitat use in a tropical forest landscape: Implications for conservation. *Diversity and Distributions*.
<https://doi.org/10.1111/j.1472-4642.2010.00704.x>

Sabri, E. trio bintang. (2014). Pola Pergerakan dan Wilayah Jelajah Gajah Sumatra (*Elephas maximus sumatranus*) Dengan Menggunakan GPS Radio Collar di Sebelah Utara Taman Nasional Tesso Nilo, Riau. *Fakultas Matematika Dan Ilmu Pengetahuan Alam Kampus Bina WIDya Pekanbaru*, 1(2), 599–606.

Sabri, E. trio bintang. (2018). Perilaku Pergerakan dan Seleksi Habitat Gajah Sumatera (*Elephas maximus sumatranus*) Translokasi di Hutan Harapan PT. REKI. *Universitas Gadjahmada*.

Shoshani, J., & Eisenberg, J. F. (1982). *Elephas maximus*. *Mammalian Species*, 182(1), 1–8. <https://doi.org/10.1186/1477-7827-6-9>

Slotow, R., & Van dyk, G. (2001). Role of delinquent young ‘orphan’ male elephants in high mortality of white rhinoceros in Pilanesberg National Park, South Africa.

Sukumar, R. (1989a). Ecology of the Asian elephant in southern India. i. movement and habitat utilization patterns. *Journal of Tropical Ecology*, 5(1), 1–18. <https://doi.org/10.1017/S0266467400003175>

Sukumar, R. (1989b). Ecology of the Asian Elephant in Southern India. I. Movement and Habitat Utilization Patterns. *Source Journal of Tropical Ecology Journal of Tropical Ecology*, 5(6), 1–181. Retrieved from <http://www.jstor.org/stable/2559605> <http://www.jstor.org/> <http://www.jstor.org/action/showPublisher?publisherCode=cup> http://www.jstor.org

- Sukumar, R. (1990). Ecology of the Asian elephant in southern India. II. Feeding habits and crop raiding patterns. *Journal of Tropical Ecology*, 6(1), 33–53. <https://doi.org/10.1017/S0266467400004004>
- Tamtama, W. (2018). Karakteristik Lahan Pertanian Yang Rusak Oleh Keberadaan Gajah Sumatera (*Elephas maximus sumatranus*) di Sekitar Taman Nasional Bukit Tigapuluh. *Fakultas Kehutanan Universitas Gadjah Mada Yogyakarta*.
- TN Bukit Tigapuluh, & Frankfurt Zoological Society. (2009). The Bukit Tigapuluh Ecosystem Conservation Implementation Plan.
- Underwood, A. J., Chapman, M. G., & Crowe, T. P. (2004). Identifying and understanding ecological preferences for habitat or prey. *Journal of Experimental Marine Biology and Ecology*, 300(1–2), 161–187. <https://doi.org/10.1016/j.jembe.2003.12.006>
- Wall, J., Douglas-Hamilton, I., & Vollrath, F. (2006). Elephants avoid costly mountaineering. *Current Biology*. <https://doi.org/10.1016/j.cub.2006.06.049>
- World Wildlife. (2017). Sumatran Elephant, 20–21. Retrieved from <https://www.worldwildlife.org/species/sumatran-elephant>