

DAFTAR PUSTAKA

- Almazan, R. R., Rubio, R. P. & Agoramoorthy, G., 2005. Welfare Evaluations of Nonhuman Animals in Selected Zoos in the Philippines. *Journal of Applied Animal Welfare Science*, 8(1), 59-68.
- Arab, H., Ahmed, J. A., Ayman, O., Emad, S., Hana, A. M., Hassan, A., Osama, S. B., Yaser, F., & Yasser, S., 2019. The Role of Progestogens in Threatened and Idiopathic Recurrent Miscarriage. *International Journal of Women's Health*, 11, 589-596.
- Belinda, A. M., Peter, V. P., Svetlana, T., Fred, S., & Matthew, C. H., 2014. Primary Forest Cover Loss in Indonesia Over 2000-2012. *Nature Climate Change*, 4, 730-735.
- BKSDA, 2019. *KSDA Bali*. [Online]. Available at: <https://www.ksda-bali.go.id/perijinan/tumbuhan-dan-satwa-liar/lembaga-konservasi/> [Accessed 2 Januari 2023].
- Bryan, H. M., Darimont, C. T., Paquet, P. C. & Wynne-Edwards, K. E., 2013. Stress and Reproductive Hormones in Grizzly Bears Reflect Nutritional Benefits and Social Consequences of a Salmon Foraging Niche. *PLOS ONE*, 1-10.
- Carstairs, S. J., 2019. Evidence for Low Prevalence of Ranaviruses in Ontario, Canada's Freshwater Turtle Population. *PeerJ*, 7, 1-12.
- Coryati, D., Djojosedarmo, S. & Taurin, M. B., 1989. Pola reproduksi harimau (*Panthera tigris Linnaeus, 1758*), Bogor: Scientific Repository IPB.
- Cowan, C., 2021. *MONGABAY*. [Online] Available at: <https://www.mongabay.co.id/2021/08/11/ditargetkan-meningkat-pada-2022-populasi-harimau-di-asia-tenggara-justeru-menurun/> [Accessed 24 Oktober 2022].
- Deligdisch, L., 2000. Hormonal Pathology of The Endometrium. *Modern Pathology*, 13, 285-294.
- Dewi, P. L. C., Yuni, L. P. E. K. & Watiniasih, N. L., 2021. Daily Activity of Sumatran Tiger (*Panthera tigris sumatrae*) and Bengal Tiger (*Panthera tigris tigris*) in Bali Zoo, Gianyar. *Jurnal Biologi Udayana*, 2(25), 189-196.
- Enna, S. J. & Bylund, D. B., 2008. Progesterone. In: *xPharm: The Comprehensive Pharmacology Reference*. Boston: Elsevier, 1-2.

- Fix, C., Jordan, C., Cano, P. & Walker, W. H., 2004. Testosterone Activates Mitogen-Activated Protein Kinase and The CAMP Response Element Binding Protein Transcription Factor in Sertoli Cells. *Proceedings of the National Academy of Sciences*, (101), 10919-10924.
- Fukano, Y., Tanaka, Y. & Soga, M., 2020. Zoos and Animated Animals Increase Public Interest in and Support for Threatened Animals. *Science of The Total Environment*, 704.
- Gaminiti, G., Volterrani, M. & Lellamo, F., 2009. Effect of Long-Acting Testosterone Treatment on Functional Exercise Capacity, Skeletal Muscle Performance, Insulin Resistance, and Baroreflex Sensitivity in Elderly Patients with Chronic Heart Failure: A double-Blind, Placebo-Controlled, Randomized Study. *J Am Coll Cardiol*, 54, 919-927.
- Ganesa, A. & Aunurohim, 2012. Perilaku Harian Harimau Sumatera (*Panthera tigris sumatrae*) dalam Konservasi Ex-situ Kebun Binatang Surabaya. *Jurnal Sains dan Seni ITS*, 1, 48-53.
- Gepher VG, N. A. B. A., 1992. *Mammals of the Soviet Union (Hyaenas and Cats)*. 2 ed. New Delhi: Amerind Publishing.
- Haidir, W.R. Albert, I.M.R. Pinondang, T. Ariyanto, F.A. Widodo, & Ardiantiono. 2017. *Panduan Pemantauan Populasi Harimau Sumatera*. Jakarta: Direktorat Konservasi Keanekaragaman Hayati, DITJEN KSDAE- KLHK.
- IUCN, 2008. *IUCN Red List*. [Online] Available at: <https://dx.doi.org/10.2305/IUCN.UK.2008.RLTS.T15966A5334836.en>. [Accessed 6 Juni 2022].
- KLHK, 2017. *PPID KLHK*. [Online] Available at: https://ppid/menlhk.go.id/berita_foto/browse/675 [Accessed 19 Februari 2024].
- Kumar, P. & Magon, N., 2012. Hormones in Pregnancy. *Nigerian Medical Journal*, (53), 179-183.
- Kurniawan, B., Nigsih, S., Susanti, T. & Farikhatin, F., 2021. Behavior Analysis of Sumatran Tiger (*Panthera tigris sumatrae* Pocock, 1929) in Taman Rimba Zoo Jambi. *IOP Conference Series: Materials Science and Engineering*, 1-5.
- Kurniawan, H. M., 2001. Koefisien Kawin-dalam Harimau Sumatera (*Panthera tigris sumatrae*) di Empat Kebun Binatang di Jawa. *Fakultas Peternakan Institut Pertanian Bogor*.

- Liu, Y. C., Xin, S., Carlos, D., Dale, G. M., Xiao, X., Paolo, M., Olga, U., James, L. D. S., Stephen, J. O., & Shu-Jin, L., 2018. Genome-Wide Evolutionary Analysis of Natural History and Adaptation in The World's Tigers. *Current Biology*, (28), 1-10.
- Luo, S. J., Warren, E. J., Janice, M., Agostinho, A., Paolo, M., Olga, U., Kathy, T. H., James, L. D. S., & Stephen, J. O., 2008. Subspecies Genetic Assignments of Worldwide Captive Tigers Increase Conservation Value of Captive Populations. *Current Biology*, 18, 592-596.
- Mani, S. K. & Oyola, M. G., 2012. Progesterone Signaling Mechanism in Brain and Behavior. *Frontiers in Endocrinology*, 3, 1-8.
- Mason, G. J., 2010. Species Differences in Responses to Captivity: Stress, Welfare and The Comparative Method. *Cell Press*, 25, 713-721.
- Mazak, v., 1981. *Panthera tigris*. *Mammalian Species*, 152, 1-8.
- Morgan, K. N. & Tromborg, C. T., 2007. Source of Stress in Captivity. *Science Direct*, 102, 262-302.
- National Geographic, 2022. *National Geographic*. [Online] Available at: <https://www.nationalgeographic.com/animals/mammals/facts/sumatran-tiger> [Accessed 18 November 2022].
- Panda, S., Patara, B., Sahu, S. K., Sahoo, N., Mohanty, D. N., Nahak, A.K., 2017. Quantification Of faecal Testosterone Hormone in Captive Bengal Tigers. *Indian Veterinary Journal*, 94(1), 38-40.
- Panjaitan, B., Helwana, C. C., Meutia, N., Yusmadi, Siregar, T. N., Dasrul, TR, T. A., 2019. Hubungan Kadar Progesteron pada Fase Awal Luteal dengan Kematian Embrio pada Sapi Aceh. *Jurnal Agripet*, 19.
- Paterson, J. E., Carstairs, S. & Davy, M. C., 2021. Population-Level Effects of Wildlife Rehabilitation and Release Vary with Life-History Strategy. *Journal for Nature Conservation*, 61, 1-8.
- Puspitasari, A., Masy'ud, B. & Sunarminto, T., 2016. Nilai Kontribusi Kebun Binatang Terhadap Konservasi Satwa, Sosial Ekonomi dan Lingkungan Fisik: Studi Kasus Kebun Binatang Bandung. *Media Konservasi*, 21(2), 116-124.
- Putranto, H. D., 2011. A Non-Invasive Identification of Hormone Metabolites, Gonadal Event and Reproductive Status of Captive Female Tigers. *BIODIVERSITAS*, 12, 131-135.

- Putranto, H. D. Kusuda, S., Ito, T., Terada, M., Inagaki, K., & Doi, O., 2007. Reproductive Cyclicity Based on Fecal Steroid Hormones and Behaviors in Sumatran Tigers, *Panthera tigris sumatrae*. *Japanese Society of Zoo and Wildlife Medicine*, 12(2), 111-115.
- Pyke, G. H. & Szabo, J. K., 2018. Conservation and The 4Rs, Which Are Rescue, Rehabilitation, Release, and Research. *Conservation Biology*, 31(1), 50-59.
- Qiao, Z., Ma, J., Xing, Y., Liu, C., Jin, Z., Yang, S., Liu, C., & Wang, M., 2019. Early Pregnancy Diagnosis of Captive Amur Tigers (*Panthera tigris altaica*). *Acta Ecologica Sinica*, 39, 437-477.
- Reed, B. G. & Carr, B. R., 2018. *The Normal Menstrual Cycle and The Control of Ovulation*. s.l.:Endotext FREE Online Endocrinology Book.
- ReedBiotech, 2024. *Reed Biotech Ltd.* [Online] Available at: <https://www.reedbiotech.com/pro/4642>
- ReedBiotech, 2024. *Reed Biotech Ltd..* [Online] Available at: <https://www.reedbiotech.com/upload/file/ELISA/RE10175-2.pdf>
- Rose, S. J., Allen, D., Noble, D. & Clarke, J. A., 2017. Quantitative Analysis of Vocalizations of Captive Sumatran Tigers (*Panthera tigris sumatrae*). *Bioacoustic*.
- Sankhala, K. S., 1996. Breeding Behaviour of The Tiger (*Panthera tigris*) in Rajasthan. *Breeding*, 133-147.
- Santiapillai, C. & Ramono, W. S., 1985. On the Status of The Tiger (*Panthera tigris sumatrae* Pocock, 1892) in Sumatra. *Tigerpaper*, 12(4), 23-29.
- Schmidt, A. M., Hess, D. L., Schmidt, M. J. & Lewis, C. R., 1993. Serum Concentrations of Oestradiol and Progesterone and Frequency of Sexual Behaviour During The Normal Oestrous Cycle in The Snow Leopard (*Panthera uncia*). *Journal of Reproduction and Fertility*, 98, 91-95.
- Schliep, K. C. Mumford, S. L., Vladutiu, C. J., Ahrens, K. A., Perkins, N. J., Sjaarda, L. A., Kissel, K. A., Prasad, A., Wende, J. W., & Schisterman, E. F., 2015. Perceived Stress, Reproductive Hormones, and Ovulatory Function: A Prospective Cohort Study. *National Institute of Health*, 177-184.
- Seal, U. S., Plotka, E. D., Smith, J. D., Wright, F. H., Reindl, N. J., Taylor, R. S., & Seal, M. F., 1985. Immunoreactive Luteinizing Hormone, Estradiol, Progesterone, Testosterone, and Androstenedione Levels During the Breeding Season and Anestrus in Siberian Tigers. *Biology of Reproduction*, 32, 361-368.

- Seidensticker, J., 1996. *Tigers*. Stillwater: Voyageur Press, Inc.
- Semiadi, G. & Nugraha, T. P., 2006. Profil Reproduksi Harimau Sumatera (*Panthera tigris sumatrae*) pada Tingkat Penangkaran - (Reproductive profile of captive Sumatran Tiger (*Panthera tigris sumatrae*)). *Biodiversitas*, 7, 368-371.
- Shepherd, C. R. & Magnus, N., 2004. *Nowhere to hide: The Trade in Sumatran Tiger*, s.l.: TRAFFIC Southeast Asia.
- Sunquist, M., 2010. What Is a Tiger? Ecology and Behaviour. In: *What is A Tiger?*. USA: Elsevier, 19-31.
- Suyadi, 2011. Deforestation in Bukit Barisan Selatan National Park, Sumatra, Indonesia. *Jurnal Biologi Indonesia*, 7, 195-206.
- Szokalski, M. S., Litchfield, C. A. & Foster, W. K., 2012. Enrichment for Captive Tigers (*Panthera Tigris*): Current Knowledge and Future Directions. *Applied Animal Behaviour Science*, 139, 1-9.
- Thompson, P., 2019. *Wildlife Rehabilitation Manual 3rd Edition*. 3 ed. Washington: Washington Department of Fish and Wildlife.
- Vashisth, S., Singh, R., Singh, D. N. & Sethi, N., 2023. Evaluation of Factor Affecting The Behavior of Bengal Tiger (*Panthera tigris*) in Captivity. *Journal of Wildlife and Biodiversity*, 7, 30-51.
- Walker, W. H., 2011. Testosterone Signaling and The Regulation of Spermatogenesis. *Landes Bioscience*, 2, 116-120.
- Wibisono, H. T. & Pusparini, W., 2010. Sumatran tiger (*Panthera tigris sumatrae*): A review of conservation status. *Integrative Zoology*, 5, 313-323.
- Wilden, I., Herzel, H., Peters, G. & Tembrock, G., 1998. Subharmonics, Biphonation, and Deterministic Chaos in Mammal Vocalization. *Bioacoustics: The International Journal of Animal Sound and its Recording*, 9, 171-196.
- Willard, S., Gandy, S., Bowers, S., Graves, K., Elias, A., & Whisnant, C., 2003. The Effects of GNRH Administration Postinsemination on Serum Concentrations of Progesterone and Pregnancy Rates in Dairy Cattle Exposed to Mild Summer Heat Stress. *Theriogenology*, 8, 1799-1810.
- Wolf, C. M., Jr, T. G. & Griffith, B., 1998. Predictors of Avian and Mammalian Translocation Success: Reanalysis With Phylogenetically Independent Contrasts. *Biological Conservation*, 86(2), 243-255.

- Wrzosek, M., Wozniak, J. & Wlodarek, D., 2020. The Causes of Adverse Changes of Testosterone Levels in Men. *Expert Review of Endocrinology & Metabolism*.
- Wulan, C., Putri, N. & Khabibi, J., 2022. Perilaku Stereotip Harimau Sumatera (*Panthera tigris sumatrae*) dalam Masa Rehabilitasi pada Pusat Rehabilitasi Harimau Sumatera Dharmasraya (Pr-Hsd) Arsari Sumatera Barat. *Jurnal Silva Tropika*, 6, 68-74.
- Yolanda , Y., Rusdi, R. & Supiyani, A., 2017. Kajian kesejahteraan Harimau Sumatera Pada Konservasi Ex-Situ di Taman Margasatwa Ragunan dan Taman Margasatwa Bandung. *Bioma*, 13, 100-107.
- Zhen-sheng, L., Feng, L., Li, W. T. & Xiao, Y. Z., 2002. Time Budget of Semi Free-Ranging Amur Tigers (*Panthera tigris altaica*). *Zool. Res*, 5, 389-439.
- Zhong, L., Deng, J., Song, Z. & Ding, P., 2011. Research on Environmental Impacts of Tourism In China: Progress And Prospect. *Journal of Environmental Management*, 92, 2972-2983.
- Zirkin, B. R., Santulli, R., Awoniyi, C. A. & Ewing, L. L., 1989. Maintenance of Advanced Spermatogenic Cells in The Adult Rat Testis: Quantitative Relationship To Testosterone Concentration Within The Testis. *Endocrinology*, 124, 3043-3049.