DAFTAR PUSTAKA

Alanazi, A.D., Puschendorf, R., Salim, B., Alyousif, M. S., Alanazi, I. O., Al-shehri, H. R. 2018. Molecular Detection of Equine Trypanosomiasis in the Riyadh Province of Saudi Arabia. J. Vet. Diag. Invest. 30(6): 942-945.

Ahmed, A. R. 2008. Epidemiological Studies (Parasitological, Serological and Molecular Techniques) of *Trypanosoma evansi* Infection in Camels (*Camelus dromedarius*) in Egypt. Vet. World, 1(11): 325-328

Ausvetplan. 2006. Disease Strategy Surra. Australia: Primary Industries Ministerial Council. Australia.

Bacchi, C. J. 2009. Chemotherapy of Human African Trypanosomiasi. Interdisciplinary Prespective Infectious Disease. 1-5.

[Balitbangtan] Badan Penelitian dan Pengembangan Pertanian. 2014. Surra Mengancam Swasembada Daging. [online] tersedia pada : http://technology-indonesia.com/pertanian-dan-pangan/peternakan/Surra/

Barghas, M. S., Darwish, M. A. 2016. Molecular Characterization and Phylogenetic Analysis of *Trypanosoma evansi* from Local and Imported Camels in Egypt. J Phylogenetics Evol Biol. 4.

Batan, I. W. 2018 Penyakit Surra pada Sapi dan Sapi Bali di Indonesia. Fakultas Kedokteran Hewan, Universitas Udayana, Bali.

[BBVet Denpasar] Balai Besar Veteriner Denpasar. 2018. Laporan Tahunan Balai Besar Veteriner Denpasar tahun 2017. Kementerian Pertanian Direktorat Jenderal Peternakan dan Kesehatan Hewan, Denpasar.

[BBVet Denpasar] Balai Besar Veteriner Denpasar. 2019. Peta Penyakit Hewan dan Mutu Produk Hewan di Wilayah Provinsi Bali, Nusa Tenggara Barat dan Nusa Tenggara Timur 2018. Kementerian Pertanian Direktorat Jenderal Peternakan dan Kesehatan Hewan, Denpasar.

[BKP Kelas 1 Kupang] Balai Karantina Pertanian Kelas I Kupang. 2019. Data Pemantauan Hama Penyakit Hewan Karantina Tahun 2019. Karantina Pertanian. Kupang.

Chau, N. V. V., Chau L. B., Desquesnes, M., Herder, S., Lan, N. P. H., Campbell, J. I., Cuong, N. V., Yamming, B., Chalermwong, P., Jittapalapong, S. 2016. A Clinical and Epidemiological Investigation of the First Reported Human Infection With the Zoonotic Parasite *Trypanosoma evansi* in Southeast Asia. Clin Infect Dis. 62: 1002-1008.

Claes, F., Verloo, D., Maina, M., Urakawa, T., Majiwa, P. A. Buscher, P. 2005. Recombinant RoTat 1.2 Variabel Surface Glycoprotein for Diagnosis of *Trypanosoma evansi* in Dromedary Camel. Int. J. Parasitol., 35(4): 455-460.

Coles, E. H. 1986. Veterinary Clinical Pathology, 4th Ed. W.B. Saunders Co., Philadelphia, 46–47.

Da Silva, A. S., Duck, M. R. K., Fanfa, V. D. R., Otto, M. A., Nunes, J. T. S., Tonin, A. A., Jaques, J. A., Paim, F. C., Duarte M. M. M. F., Monteiro, S. G. 2012. Trypanocidal Activity of Human Plasma on *Trypanosoma evansi* in Mice. Rev Bras Parasitol Veterinarian. 21: 55-59.

Davison, H. C., Thrusfield, M. V., Husein, A., Muharsini, S., Partoutomo, S., Rae, P., Luckins, A. G. 2000. The Occurrence of *Trypanosoma evansi* in Buffaloes in Indonesia, Estimated Using Various Diagnostic Tests. Epidemiol Infect. 124: 163-172.

Desquesnes, M., Bossard, G., Patrel, D., Herder, S., Patout, O. 2008. First Outbreak of *Trypanosoma evansi* in Camels in Metropolitan France. Vet Rec. 162: 750-752.

Desquesnes, M., Dargantes, A., Lai, D., Lun, Z., Holzmuller, P., Jittapalapong, S. 2013[a]. *Trypanosoma evansi* and Surra: A Review and Perspectives on Transmission, Epidemiology and Control, Impact and Zoonotic Aspects", Biomed Res Int. 1-20.

Desquesnes, M., Davia, A. M. R. 2002. Applications of PCR-based Tools for Detection and Identification of Animal *Trypanosomes*: a Review and Prespectives. Vet. Parasitol. 109: 213-231.

Desquesnes, M., Holzmuller, P., Lai, D., Dargantes, A., Lun, Z. Jittaplapong, S. 2013[b]. *Trypanosoma evansi* and Surra : A Review and Perspectives on Origin, History, Distribution, Taxonomy, Morphology, Hosts, and Pathogenic Effects. Biomed Res Int Vol 2013.

Desquesnes, M., Tresse, L. 1996. Evaluation de la Sensibilite du Test de WOO Pour la Detection de *Trypanosoma vivax*. Rev d'elevage Medecine Veterinaire des Pays Trop. 49: 315-321.

Dinas Peternakan Sumba Timur. 2012. Proposal Penetapan Rumpun Kuda Sandel. Dinas Peternakan Sumba Timur, Waingapu. Nusa Tenggara Timur.

[Dirjen PKH] Direktorat Jendral Peternakan dan Kesehatan Hewan. 2018. Statistik Peternakan dan Kesehatan Hewan. Kementerian Pertanian. Jakarta. Indonesia. [online] tersedia pada : http://ditjenpkh.pertanian.go.id

[DITKESWAN] Direktorat Kesehatan Hewan. 2014. Manual Penyakit Hewan Mamalia. Direktorat Jenderal Peternakan dan Kesehatan Hewan, Kementerian Pertanian. Cetakan ke-2. 440-449.

[DITKESWAN] Direktorat Kesehatan Hewan. 2018. Peta Status dan Situasi Penyakit Hewan tahun 2018. Direktorat Jendral Peternakan dan Kesehatan Hewan Kementerian Pertanian Republik Indonesia. Jakarta.

Dwinurmijayanto. 2011. Parasitologi. [online] tersedia pada : http://www.doctoc.com/docs/1014 53419/PARASITOLOGI

Eyob, E., Mathios, L. 2013. Review on Camel Trypanosomosis (Surra) Due to *Trypanosoma evansi*: Epidemiology and Host Response", JVMAH. 5 (12): 334-343.

Gibbs, P. G., Davidson, K. E. 1992. Nutritional Management of Pregnant and Lactating Mares, Texas Agricultural Extension Service, Bull. No. 5025. Texas A&M University, Sollege Station.

Greiner, M., Kumar, S., Kyeswa, C. 1997. Evaluation and Comparison of Antibody ELISAs for Serodiagnosis of Bovine Trypanosomosis. Vet. Parasitol. 73: 179-205.

Hassan, M. S., Safaa, M. B., Tahani, S. B., Esamm A. R. 2017. Seasonal Fluctuation of Trypanosomiasis in Camel in North-West Egypt and Effect of Age, Sex, Location, Heatlth Status and Vector Abundance on the Prevalence. Elsevier. 6: 64-68.

Hayyu M., 2016. Identifikasi *Trypanosoma evansi* pada Sapi Bali (*Bossondaicus*) Berdasarkan Morfometri dan Polymerase Chain Reaction. Skripsi: Fakultas Kedokteran Hewan, Universitas Airlangga. Surabaya.

Herrera, H. M., Aquino, L. P. C. T., Menezes, R. F., Marques, L. C., Moraes, M. A. V., Wether, K., Machado, R. Z. 2001. *Trypanosoma evansi* Experimental Infection in South American Coati (Nasua Nasua): Clinical, Parasitological and Humoral Immune Response. Vet. Parasitol 102: 209-216.

Herrera, H. M., Davila A. M. R., Norek, A., Abreu, U. G., Souza, S. S, D'Andrea P. S, Jansen, A. M. 2004. Enzootiology of *Trypanosoma evansi* in Pantanal. Brazil. Vet Parasitol. 125: 263 - 275 .

Holland, W. G., Claes, F., Thanh, N. G., Tam, P. T., Verloo, D. 2001. A Comparative Evaluation of Parasitological Tests and a PCR for *Trypanosoma evansi* Diagnosis in Experimentally Infectes Water Buffaloes. Vet. Parasitol. 97: 23-33.

Ida, T., Gunanti, Suwarno, Sutisna, A.,Widjajanti, S., Raharjo, E., Purwanti U., Polrianto, D., Lestariningsih, A., Sunarno, Darmayanti. R., Wardhana A.,Widiyanti, P. M. 2012. Manual Penyakit Hewan Mamalia. Subdit Pengamatan Penyakit Hewan, Direktorat Kesehatan Hewan. Jakarta. Cetakan ke-2. 440-449.

Joshi, P.P., Chaudhari, A., Shegokar, V. R., Powar, R. M.,Dani, V. S., Somalwar, A. M., Jannin, J., Truc, P. 2006. Treatment and follow-up of the First Case of Human Trypanosomiasis caused by *Trypanosoma evansi* in India. Trans R Soc Trop Med Hyg. 100: 989-991.

Juyal, P. D., Singla, L. D., Kaur, P. 2005. Management of Surra Due to *Trypanosoma evansi* in India: an Overview. Sci India B. 75: 109-120.

Kementerian Pertanian. 2019. Undang – Undang Nomor 21 tahun 2019, tentang Karantina Hewan, Ikan dan Tumbuhan. Kementerian Pertanian. Indonesia.

Keputusan Menteri Pertanian Republik Indonesia. 2009. Nomor: 3238/Kpts/PD.630/9/2009, tentang Penggolongan Jenis-Jenis Hama Penyakit Hewan Karantina, Penggolongan Dan Klasifikasi Media Pembawa. Kementerian Pertanian, Jakarta.

Keputusan Menteri Pertanian Republik Indonesia. 2013. Nomor 4026/Ktps/OT.140/04/2013, tentang Penetapan Jenis Penyakit Hewan Menular Strategis. Kementerian Pertanian. Jakarta.

Keputusan Menteri Pertanian Republik Indonesia. 2014. Nomor 426/Ktps/SR.120/3/2014, tentang Penetapan Rumpun Kuda Sandel. Kementerian Pertanian. Jakarta.

Kouam, M. K., Kantzoura, V., Gajadhar, A. A., Theis, J. H., Papadopoulos, E. Theodoropoulos, G. 2010. Seroprevalence of Equine Piroplasms and Host-related Faktors Associated with Infection in Greece". Vet. Parasitol.169 (3–4): 273–278.

Kumar, S., Kumar, R., Gupta, A. K., Dwivedi, S. K. 2008. Passive Transfer of *Theileria equi* Antibodies to Neonate Foals of Immune Tolerant Mares. Vet. Parasitol. 151 (1): 80-85.

Kundu, K., Tewari, A. K., Kurup, S. P., Baidya, S., Rao, J. R., Joshi, P. 2013. Sero-Surveillance for Surra in Cattle using Native Surface Glycoprotein Antigen from *Trypanosoma evansi*. Vet Parasitol. 196: 258-264.

Luckins, A. G. 1992. Protozoal Diseases of Camels. In: Allen W.R., Higgins A.J., Mayhew I.G., Snow D.H., Wade J.F., editors. Proceeding 1st International of Conference RW Publ New Mark Limited. Suffolk (UK). 22-27.

Levine, N. D. 1985. Buku Pelajaran Parasitilogi Veteriner. Universitas Gadjah Mada Press, Yogyakarta.

Liu, B., Lui, Y., Motyka, S. A.,Agbo, E. E. C., Englund, P. T. 2005. Fellowship of the Ring: The Replication of Kinetoplast DNA. Trends Parasitol. 21: 363-369.

Magnez, H., Radwanska, M. 2014. Trypanosomes and Trypanosomiasis. London (UK). Springer.

Mardiatmi, Yupiana, Y., Sofwan, I., Suseno, P. P., Ekowati, R. V., Kurniawan ,W. E., Ernawati, Ermawanto. 2012. "Pedoman Pengendalian Dan Penanggulangan Surra", Direktorat Kesehatan Hewan, Jakarta.

Maudlin, I., Holmes, P. H., Miles, M. A. 2004. The *Trypanosomiasis*. CABI Publising CAB International, Oxfordshire, U. K. 25-30: 283-331.

Maharana, B. R., Kumar, B., Prasad, A., Patbandha, T. K., Sudhakar, N. R., Joseph, J. P., Patel, B. R. 2016. "*Prevalence and assesment of risk factors for haemoprotozoan infections in cattle and buffaloes of South-West Gujarat, India*". *Indian J. Anim. Res.*, 733-739.

Manurung, S. P. 2016. Faktor Risiko pada Kejadian Trypanosomiasis Sapi di Kabupaten Grobogan. Skripsi: Universitas Gadjah Mada, Yogyakarta.

Masake, R. A., Njuguna, J. T., Brown, C. C., Majiwa, P. A. O. 2002. The Application of PCR ELISA to the Detection of *Trypanosoma brucei* and *T. vivax* Infections in Livestock. Vet. Parasitol. 105: 179-189.

Mersy, R. R. M. N., Ida, A. P. A., I Made, D. 2018. Prevalensi dan Intensitas Infeksi *Trypanosoma evansi* pada Kuda di Desa Kabaru, Kecamatan Rindi, Kabupaten Sumba Timur. Buletin Veteriner Udayana, Denpasar. Vol 10 (1): 70-75. [online] tersedia pada : http://ojs.unud.ac.id/index.php/buletinvet

Mirsa, K. K., Roy, S., Choudhury, A. 2016. Biology of *Trypanosoma* (*Trypanozoon*) *evansi* in Experimental Heterologous Mammalian Host. J Parasit Dis. 40: 1047-1061.

Moretti, A., Mangili, V., Salvatori, R., Maresca, C., Scoccia, E., Torina, A., Moretta, I., Gabrielli, S., Tampieri, M. P., Pietrobelli, M. 2010. Prevalence and Diagnosis of Babesia and Theileria Infections in Horses in Italy: a Preliminary Study. Vet. J., 184 (3): 346–350.

Muieed, M. A., Chaudhary, Z. I., Shakoori, A. R. 2010. Comparative Studies on the Sensitivity of Polymerase Chain Reaction (PCR) and Microscopic Examination for the Detection of *Trypanosoma evansi* in Horses. Turk. J. Vet. Anim. Sci., 34 (6): 507–512.

Nurcahyo, W. 2013. Occurance Trypanosomiasis in Indonesia. Presented paper in Workshop on Biting flies dan Trypanosome. Vet Res Ins (VRI), Ipoh, Malaysia. 1-35.

Nurcahyo, W. 2017[a]. Penyakit *Surra* pada Hewan dan Ternak. Universitas Gadjah Mada Press. Yogyakarta.

Nurcahyo, W., Prastowo, J., Priyowidodo, D., Isnansetyo, A., Nuringtyas, T. 2017[b]. *Trypanosoma evansi* Detection and Vector Identification in Central Java and Yogyakarta, Indonesia. In:. (eds) Proceeding of the 1st International Conference on Tropical Agriculture. Springer International Publishing. ISBN 978-3-319-60363-6.

Nurcahyo, W., Marlin, R. K. Y., Hartati, S., Prastowo, J. 2019. The Prevalensi of Horse Trypanosomiasis in Sumba Island, Indonesia and its Detection using Card Agglutination Tests. Vet World, EISS: 2231-0916. [online] tersedia pada : www.veterinaryworld.org/Vol.12/May_2019/4.pdf.

[OIE] Organization of Intenationale Epizootica. 2009. Terrestrial Animal Health Code", Organization of Intenationale Epizootica, Paris.

[OIE] Organization of Intenationale Epizootica Terrestrial Manual. 2012. *Trypanosoma evansi* Infection (*SURRA*). 1-15.

Payne, R. C., Sukamto, I. P., Graydon, R., Saroso, H., Jusuf, S. H. 1990. *An Outbreak of Trypanosomiasis caused by Trypanosoma evansi on the Island of Madura*, Indonesia. Trop Med Parsitol. 4: 445-446.

Pereira, D. E., Almeda, P. J., Ndao, M., Goosens, B., Osaer, S. 1998. PCR Primer Evaluation for the Detection of *Trypanosoma* DNA in Naturally Infected Goats. Vet Parasitol. 80:111-116.

[Permentan] Peraturan Menteri Pertanian Republik Indonesia. 2011. Nomer 35/PERMENTAN/OT.140/7/2011. Tentang Pengendalian Ternak Ruminansia Betina Produktif. Kementerian Pertanian. Indonesia.

[Puslitbang S.D.A] Pusat Penelitian dan Pengembangan Sumber Daya Alam. 2014. Naskah Ilmiah Potensi Sumber Daya Air untuk Penyediaan Air Baku di Pulau Sumba, Nusa Tenggara Timur. Kementerian Pekerjaan Umum. Bandung.

Queiroz, A. O., Cabello, P. H., Jansen, A. M. 2000. Biological and Biochemical Characterization of Isolates of *Trypanosoma evansi* from Pantanal of Matogrosso –Brazil. Vet Parasitol. 92: 107-118.

Raina, A. K., Kumar, R., Sridhar, V. S. R., Singh, R. P. 1985. Oral Transmission of *Trypanosoma evansi* Infection in Dogs and Mice. Vet Parasitol. 18: 67-69.

Reid, S. A., Husein, A., Copeman, D. B. 2001. Evaluation and improvement of parasitological test for *Trypanosoma evansi* infection. Vet. Parasitol. 102: 291-297.

Sawitri, D. H., Wardhana, A.H. 2019. Perbandingan Sensitivitas Empat Macam Primer untuk Deteksi *Trypanosoma evansi* pada Hewan yang Diinfeksi Secara Buatan dan Alami dengan Polymerase Chain Reaction. Pros. Semnas. 180-190, [online] tersedia pada : *http://dx.doi.org/10.14334/Pros.Semnas.TPV-2019-p.180-190*

Singla, L. D., Sharma, A., Kaur, P., Tuli, A., Bhat, S. A., Bal, S., Angad, G. 2013. Bovine Trypanosomosis in Punjab: Assesment of Seroprevalence by CATT/*T. evansi*. Int J Adv Res. 1: 364-371.

Singla, L. D., Sumbria, D. 2016. Human Atypical Trypanosomosis in India Subcontinent. Veterinaria. 4: 7-10.

Stephen, L. E. 1986. Trypanosomiasis: a veterinary prespective. Pergamon Press, Oxford.

Sumbria, D., Singla, L.D., Kumar, R., Bal, M. S., Kaur, P. 2017. Comparative Seroprevalence and Risk Faktor Analysis of *Trypanosoma evansi* Infection in Equines from Different Agro-climatic Zones of Punjab (India). Rev. Sci. Tech. Off. Int. Epiz, 36 (3): 971-979.

Sumbria, D., Singla, L. D., Sharma, A., Moudgil, A. D. Bal, M. S. 2014. Equine Trypanosomosis in Central and Western Punjab: Prevalence, Haemato-biochemical Response and Associated Risk Faktors, Acta Trop. 138: 44–50.

Sumbria, D., Singla, L. D., Sharma, A., Bal, M. S., Kumar, S. 2015. Multiplex PCR for Detection of *Trypanosoma evansi and Theileria equi in* Equids of Punjab, India", Vet. Parasitol., 211 (3–4): 293–299.

Sumiarto, B., Budiharta, S. 2018. Epidemiologi Veteriner Analitik. Gadjah Mada University Press. Yogyakarta.

Tamarit, A., Tejedor-Junco, M. T., Gonzalez, M., Alberola, J., Gutierrez, C. 2011. Morphological and Biometrical Feature of *Trypanosoma e*vansi Isolat from an Outbreak in Mainland Spain. Vet. Parasitol. 177: 152-156.

Tehseen, S., Jahan, N., Desquesnes, M., Shahzad, M. I., Qamar, M. F. 2017. Field Investigation of *Trypanosoma evansi* and Comparative Analysis of Diagnostic Tests in Horses from Bahawalpur, Pakistan. Turk. J. Vet. Anim. Sci., 41: 288-293.

Thrusfield, M. 2005. Veterinary epidemiology Third Edition. Veterinary Clinical Studies, Royal School of Veterinary Studies, University of Edinburgh. UK : Blackwell Science.

Vercruysse, J., Claerebout, E. 2001. Treatment VS Non-treatment of Helminth Infections in Cattle: Defining the Thresholds. Vet. Parasitol. 98: 195-214.

Vergne, T., Kamyinkird, K., Desquesnes, M., Jittapalapong, S. 2011. Attempted Transmission of *Trypanosoma evansi* to Rats and Mice by Direct Ingestion of Cintaminated Blood and Via Engorged Ticks. Acta Protozool. 50: 133-136.

Wardhana, A. H., Sawitri, D. H. 2018. *Surra*: Trypanosomiasis pada Ternak yang Berpotensi sebagai Penyakit Zoonosis. Wartazoa Vol. 28 (3): 139-151. [online] tersedia pada : *http://dx.doi.org/10.14334/wartazoa.v28i3.183* .

Womack, S., Tarpley, H. L., Little, S. E., Latimer, K. S. 2006. *Trypanosoma evansi* in Horses. Vet. Clin. Path Clerksh Program. 2006: 1-5.

Wuyts, N., Chokesajjawatee, N., Panyim, S. 1994. A Simplified and Highly Sensitive Detection of *Trypanosoma evansi* by DNA Amplification. Southeast Asian J. Trop. Medic Public Heal. 25: 266-271.

Yuriadi, Hastari, W., Soedarmanto, Ida, T., Guntari, T. M. 2012. Kajian Morfologi, Fisiologi, dan Gambaran Darah Kuda Lokal Bima dan Pulau Sumba. Prosiding Seminar Nasional PPDH, Peningkatan Kualitas Dokter Hewan Bebasis Riset. Fakultas Kedokteran Hewan, Universitas Gadjah Mada, Yogyakarta. (12 Desember 2012). ISBN : 978-979-96104-6-1