

SLWHC IDRC Project # 107034-001

Building Research Excellence in Wildlife and Human Health in Sri Lanka

“Wildlife-Human Health Net Project” (WHHNP)

JOURNAL PUBLICATIONS, CONFERENCE PRESENTATIONS & THESES

1. Journal Publications:

Karawita, A.C., Rajapakse, R.C., Amarasiri, P.G.I.D., Ramanayake, R.M.T.M., Jayaweera, W.R., Bollinger, Trent K. and Gunawardena, G.S.P. de S. (2015) Cecocolic Intussusception in an Asian Elephant (*Elephas maximus*) in Sri Lanka Associated with Chronic Hepato-Intestinal Schistosomiasis: First Case Report. *International Journal of Applied Sciences and Biotechnology*, Vol 3, P 744-746.

Available at: <http://nepjol.info/index.php/IJASBT/article/view/13989>. DOI: 10.3126/ijasbt.v3i4.13989

Gunawardena, Panduka S., Marston, Denise A., Ellis, Richard J., Wise, Emma L., Karawita, Anjana C., Breed, Andrew C., McElhinney, Lorraine M., Johnson, Nicholas, Banyard, Ashley C. and Fooks, Anthony R. (2016) Lyssavirus in Indian Flying Foxes, Sri Lanka. *Emerging Infectious Diseases*, Vol. 22, P 1456 – 1459. Available at: http://wwwnc.cdc.gov/eid/article/22/8/15-1986_article

Karawita, Anjana C., Perera, Vijitha P., Perera, Salika, de Silva, Dinusha S., Jayaweera, Waruni R., Himsworth, Chelsea G., Bollinger, Trent K. and Gunawardena, Panduka de S. (2016) *Calodium hepaticum* in Jungle Cats (*Felis chaus*) in Sri Lanka. *Journal of Wildlife Diseases*, Vol 52, P xx (In Press). DOI: 10.7589/2016-02-046

Karawita, Anjana C., Himsworth, Chelsea G., Rajapakse, Jayanthe, Bollinger, Trent K. and Gunawardena, Panduka de S. (2016). *Toxocara pteropodis* in free ranging Indian Flying Foxes (*Pteropus medius*) in Sri Lanka. *Journal of Wildlife Diseases*, Vol 53, No. 2, P xx. (In Press).

Submitted:

A.C. Karawita, P.S. Fernando, P.G.I.D. Amarasiri, R.M.T.M. Ramanayake, A.A.V. Adhikari, P.G.A. Pushpakumara, L.N.A. de Silva & G.S.P. de S. Gunawardena. Acute septicaemic salmonellosis in a thoroughbred horse in Sri Lanka. *Submitted*.

2. Presentations and Posters at Conferences:

Perera, B.M.A.O., Lokugalappatti, L.G.S., Laknath, K.K.N., Wanigasundera, W.A.D.P., Gunawardana, I.M., Daniel, S. and Brook, R. (2014) Knowledge, beliefs and perceptions of wildlife risks in rural Sri Lankan communities. Proceedings of “EcoHealth 2014”, 5th Biennial Conference of the International Association for Ecology & Health, August 2014, Montréal, Canada. Page 97.

Perera, B.V.P., Karawita, A.C., Gunawardena, G.S.P. de S. and Rajapakse, R.P.V.J. (2015) Co-occurrence of Sparganosis and Capillariasis in a jungle cat. *International conference of tropical medicine*, Kandy, Sri Lanka.

Perera, B.V.P., Karawita, A.C., Gunawardena, G.S.P. de S. and Rajapakse, R.P.V.J. (2015). Presence of zoonotic pathogens in free ranging wild cats in Sri Lanka. *Symposium on Wild Cats of South Asia: Past and Present*, Sri Lanka.

Amarasiri, P.G.I.D., Ramanayake, R.M.T.M., Karawita, A.C., Perera, K.U.E., Jayaweera, W.R. and Gunawardena, G.S.P. de S. (2015) Bovine Tuberculosis: A histopathological study of the lung lesions. *Proceedings of the Peradeniya University International Research Sessions*, Peradeniya, Sri Lanka. Vol 19, Page 168.

Ramanayake, R.M.T.M., Amarasiri, P.G.I.D., Karawita, A.C., Jayaweera, W.R., Obayashi, Y., Hiko, T. and Gunawardena, G.S.P. de S. (2015) Changes in the demographic pattern of animal rabies in the Central province of Sri Lanka. *Conference on Sri Lanka Japan Collaborative Research*, Peradeniya, Sri Lanka.

Ramanayake, R.M.T.M., Amarasiri, P.G.I.D., Karawita, A.C., Jayaweera, W.R., Obayashi, Y. Hiko, T. and Gunawardena, G.S.P. de S. (2015) Sensitivity and specificity of the Negri body test using Sellers' stain in the diagnosis of rabies in dogs. *Conference on Sri Lanka Japan Collaborative Research*, Peradeniya, Sri Lanka.

Jagatheesan M., Karawita A.C., Muthusinghe, D.S., Lokugalappatti, L.G.S., Bollinger, T.K., Gunawardena, P. De S., Koizumi, Noubo, Gamage, C.D. (2016) Presence of pathogenic *Leptospira* sp. in Indian flying foxes in Sri Lanka. *4th Annual Sessions of the Sri Lanka Society for Microbiology*, 21 October 2016, Kandy, Sri Lanka.

Akalanka, P.M., Lokugalappatti, L.G.S. and Brook, Ryan K. (2016) Knowledge on Foot and Mouth Disease among the cattle and goats farmers in Nuwara Eliya district of Sri Lanka. *Proceedings of the Peradeniya University International Research Sessions*, 4-5 November 2016, Peradeniya, Sri Lanka. Page 418.

Nihal Pushpakumara Don Bamunusinghage, Ashoka Dangolla, Ranjani Hettiarachchi and Craig Stephen (2016) Challenges and opportunities for wildlife disease surveillance for zoonotic disease control in Sri Lanka. *One Health EcoHealth Congress*, 3-7 December 2016, Melbourne, Australia. Abstract No. 194.

Nihal Pushpakumara Don Bamunusinghage, Kottawattage Sanda Arunika Kottawatta, Preeni Abeynayake and Ruwani Sagarika Kalupahana (2016) Investigation of antimicrobial resistance in *Escherichia coli* isolated from wild animals presented to a regional wildlife health centre in Sri Lanka. *Poster at the One Health EcoHealth Congress*, 3-7 December 2016, Melbourne, Australia. Poster No. 10.

Anjana Karawita, Trent K. Bollinger and Panduka de S. Gunawardena. (2016) Infectious agents in Indian flying fox *Pteropus giganteus* in Sri Lanka. *Poster at the One Health EcoHealth Congress*, 3-7 December 2016, Melbourne, Australia. Poster No. 71.

Salika Perera, B.A.D.S Jayawardana, B.V.P. Perera, G.S.P. de S. Gunawardena, H. Philibert, P.S. Fernando and F.A. Leighton (2016) Wildlife disease surveillance in Sri Lanka: first

results from the Sri Lanka Wildlife Health Centre. *Poster at the One Health EcoHealth Congress, 3-7 December 2016, Melbourne, Australia. Poster No. 85.*

Niromi Jayasekera, Sampath Lokugalappatti, Preeni Abeynayake, IM Gunawardena and Oswin Perera. (2016) Zoonotic diseases encountered by field officers in the wildlife, domestic animal and human health sectors in Sri Lanka, and current limitations in inter-sectoral communication. *One Health EcoHealth Congress, 3-7 December 2016, Melbourne, Australia. Poster No. 91.*

Vijitha Perera, A.C. Karawita, H.R.N. Jinadasa, R.P.V.J. Rajapakse, Trent K. Bollinger and G.S.P. de. S. Gunawardena (2016) Zoonotic pathogens in free ranging wild mammals in Sri Lanka. *Poster at the One Health EcoHealth Congress, 3-7 December 2016, Melbourne, Australia. Poster No. 111.*

3. Theses and Project Reports of Students

Laknath, K.K.N. (2013) Verification of the suitability of a survey procedure to assess the perceptions of communities on the Wildlife-Human Health interface. Report submitted on the Final Year Student Project for the Degree of Bachelor of Veterinary Science, University of Peradeniya, Sri Lanka. 31 pages.

Jamot, E. (2014) Developing a framework for assessing wildlife health: a model for wildlife health intelligence for use in the Sri Lanka Wildlife Health Centre. Thesis submitted as part of a Masters Ecologi et Biodiversite (*Sante Animal et Epidemiosurveillance dans les pay du Sud*), Montpellier University, France. 69 pages.