

## PUBLICATIONS

### **(a). Research Papers in Peer Reviewed Journals**

- Nanayakkara R.P., **Ganehiarachchi G.A.S.M.**, Vishvanath N., Kusuminda T. G.T (2015). Discovery of the Critically Endangered Tarantula Species of the Genus *Poecilotheria*, (Araneae: Theraphosidae), *Poecilotheria hanumavilasumica*, from Sri Lanka. *Journal of Asia - Pacific Biodiversity* 8 1-6.
- Ganehiarachchi G.A.S.M.**, Anderson, K.M., Harmon J and Harris M.O (2013). Why Oviposit There? Fitness Consequences of a Gall Midge Choosing the Plant's Youngest Leaf. *Environmental Entomology* 42(1):123-130.
- Nanayakkara R.P., Vishvanath N., Kusuminda T. and **Ganehiarachchi G.A.S.M.** (2013). The Range Extension of the Critically Endangered, *Poecilotheria smithi* in Sri Lanka, with Notes on its Sociality. *Asian Journal of Conservation Biology* 2 (1) 73-75
- Nanayakkara R.P., Kirk, P.J Dayananda S.J, **Ganehiarachchi G.A.S.M.**, Vishvanath N., Kusuminda T. (2012). A new species of tiger spider, genus *Poecilotheria*, from northern Sri Lanka. *British Tarantula Society* 28 (1) 6-15
- Knodel Janet J., **Ganehiarachchi G.A.S.M.**, Beauzay Patric B., Chirumamilla Anitha and Charlet L.D. (2011). Impact of Planting Dates on a seed Maggot, *Neotephritis finalis* (Diptera: Tephritidae), and Sunflower Bud Moth (Lepidoptera: Tortricidae) Damage in cultivated sunflower. *Journal of Economic Entomology* 104 (4):1236-1244).
- Ganehiarachchi G.A.S.M.** and Marion. O. Harris (2008). Ovipositing females of a short-lived gall midge take time to assess grass seed heads. *Physiological Entomology*. 34, 119-128
- Ganehiarachchi G.A.S.M.** and Marion. O. Harris (2007). Oviposition behavior of orange wheat blossom midge on low - versus high ranked grass heads. *Entomologia Experimentalis et Applicata* 123: 287-297.
- Ganehiarachchi G.A.S.M.** and Fernando I.V.S. (2007). Partial age specific life table of Sugarcane planthopper *Pyrilla perpusilla* Walker (Homoptera: Lophopidae). *Journal of Entomology* 32 (2) 89-97.

**Ganehiarachchi G.A.S.M.** and Fernando I.V.S. (2006). Biology of *Pyrilla perpusilla* Walker (Homoptera:Lophopidae), A pest of Sugarcane in the Wet Zone of Sri Lanka. *Journal of Entomology* **3** (1) 26-33.

**Ganehiarachchi G.A.S.M.** and Fernando I.V.S. (2000) *Parachrysocharis javensis* a effective egg parasitoid of Sugarcane Planthopper *Pyrilla perpusilla* Walke (Homoptera:Lophopidae) in the wet zone of Sri Lanka. *Vidyodaya Journal of Science* **9** 129-135.

**Ganehiarachchi G.A.S.M.** and Fernando I.V.S. (2000) Natural enemies of sugarcane Planthopper *Pyrilla perpusilla* Walker (Homoptera: Lophopidae). *Journal of the National Science Foundation of Sri Lanka* **28** (3) 205-213.

**Ganehiarachchi G.A.S.M.** and Fernando I.V.S. (2000) Population dynamics of the sugarcane Planthopper *Pyrilla perpusilla* Walker (Homoptera: Lophopidae) in the wet zone of Sri Lanka. *Tropical Science* **40** 144-153.

**Ganehiarachchi, G.A.S.M.** (1997) Aspects of the Biology of *Diaphania indica* (Saunders) (Lepidoptera:Pyralidae) *Journal of National Science Council of Sri Lanka* **25** (4) 203 – 209.

**(b). Research Papers in Non Peer Reviewed Journals**

**Ganehiarachchi, G.A.S.M.,** Knodel, J.J., Charlet, L.D., and Beauzay, P. (2009). Review of 2008 studies on integrated pest management strategies to reduce damage from the Sunflower seed maggot. National Sunflower Association Research Forum 2009. (Full paper available online).

**Ganehiarachchi Mangala,** Knodel Janet, Charlet Larry, Beauzay Patric (2009). Biology of Sunflower Seed Maggot (*Neotephritis finalis*) (Diptera: Tephritidae): Results from 2008 field studies. National Sunflower Association Research Forum 2009. (Full paper available online)

Knodel, J.J., **Ganehiarachchi, G.A.S.M.,** Charlet, L.D., and Beauzay, P. (2010). Bionomics and Integrated Control of the Sunflower Seed Maggot (*Neotephritis finalis*) and the Sunflower Bud Moth (*Suleima helianthana*) in the Northern Plains Sunflower Production Region. 2009 Results. National Sunflower Association Research Forum 2010 (Full paper available online).

**(c) Oral and poster presentations in professional meetings**

Ashani, M.L.S and **Ganehiarachchi G. A. S. M** (2017). Effect of blood meal source on feeding preference, fecundity and egg hatching success of *Aedes aegypti* (L.). Proceedings of the 73<sup>rd</sup> Annual Sessions of Sri Lanka Association for the Advancement of Sciences. 02-06 December 2013, Open University of, Sri Lanka.

Nayakarathna N. M. N. G, **Ganehiarachchi G. A. S. M**, Rajapakse R. P. V. J, Jayanetti S. R, (2016). Effect of the domestic characteristics on colonization of Phlebotomine sand flies: a case study in Anuradhapura District, International Postgraduate Research Conference 2016, University of Kelaniya, pp-156.

Nayakarathna N. M. N. G, Ganehiarachchi G. A. S. M , Rajapakse R. P. V. J, Jayanetti S. R (2016). Influence of humidity and temperature variation of natural breeding sites on abundance of Leishmaniasis vector *Phlebotomus argentipes* population in Anuradhapura District, International Research Symposium on Pure and Applied Sciences 2016, University of Kelaniya, pp-12.

Nayakarathne, N.M.N.G., Weerakoon, S.N., and **Ganehiarachchi, G.A.S.M** (2016). Gape size of the wild guppy, *Poecilia reticulata*: Does it matter in mosquito control? Proceedings of the International Research Symposium on Pure and Applied Sciences

Rathnayake, R.M.G.S and **Ganehiarachchi G.A.S.M.** (2016). Effect of Fish chemical exudates on oviposition preference of two *Aedes* mosquito species; *Aedes aegypti* and *Aedes albopictus*. Proceedings of the Twenty second Scientific Sessions of the Sri Lanka Association for Fisheries and Aquatic Resources (20<sup>th</sup> May 2016), National Aquatic Resources Research and Development Agency, Colombo 15, Sri Lanka.

Ishara, N.N., Wijesinghe D.C.M., Mazahir E.M., Niroja K., and **Ganehiarachchi G.A.S.M.** (2015). Environmental Impacts of gem mining in Nivithigala area. Proceedings of the second undergraduate research symposium on environmental conservation and management (19<sup>th</sup> November 2015), University of Kelaniya, Sri Lanka.

Abhayawicrama W.L.B.P and **Ganehiarachchi G.A.S.M.** (2015) Comparison of larvicidal and repellent efficacy of *Ocimum basilicum* (L): "Maduruthala", leaves and pods, against dengue vector, *Aedes aegypti* (L) Proceedings of the 34<sup>th</sup> annual sessions of Institute of Biology, Sri Lanka (25 September 2015).

- Nanayakkara R.P. and **Ganehiarachchi G.A.S.M** (2015). Courtship behavior of Smith's tiger spider *Poecilotheria smithi* (Arachnida:Thrraphosidae) in the wild. International Postgraduate Research Conference (10-11, December 2015), University of Kelaniya, Sri Lanka.
- Nayakarathne, N.M.N.G. and **Ganehiarachchi, G.A.S.M** (2014). Leaf species identity and their combination effect on oviposition choice and growth performance of Asian tiger mosquito, *Aedes albopictus* (Diptera: Culicidae) Lanka. Proceedings of the 34<sup>th</sup> annual sessions of Institute of Biology, Sri Lanka (26 September 2013).
- Ganehiarachchi, G.A.S.M** and Harris, M.O. (2013). Association between ovipositional preferences and offspring fitness in Hessian fly (Diptera: Cecidomyiidae). Proceedings of the 69<sup>th</sup> Annual Sessions of Sri Lanka Association for the Advancement of Sciences. 02-06 December 2013, University of Kelaniya, Sri Lanka.
- Ganehiarachchi, G.A.S.M** and Amarasinghe L.D (2013). Larvivorous efficacy of selected fish species in controlling Anopheles mosquito larvae in Mahaoya, Ampara in Sri Lanka. Proceedings of the 33<sup>rd</sup> annual sessions of Institute of Biology, Sri Lanka (27 September 2013).
- Weerakoon, S.N and **Ganehiarachchi, G.A.S.M.** (2013). The effect of height from ground level and the age of coconut shell on the oviposition and fecundity of *Aedes albopictus* mosquitoes (2013) Proceedings of the 33<sup>rd</sup> annual sessions of Institute of Biology, Sri Lanka (27 September 2013).
- Fernando, H.M.S.N and **Ganehiarachchi, G.A.S.M** (2013). Investigation on Oviposition responses of container breeding mosquitoes to different coloured containers and to the location using tap water, hay infusion and ariconut infusion. Proceedings of the 33<sup>rd</sup> annual sessions of Institute of Biology, Sri Lanka (27 September 2013).
- Ganehiarachchi, G.A.S.M.,** Amarasinghe, L.D., and Weerasnghe T (2012). Acute toxicity and sub-lethal effects of Chloropyrifos to three larvivorous fish, *Poecilia reticulata*, *Aplocheilus dayi*, and *Rasbora daniconius*. Thirteenth Annual Research Symposium, University of Kelaniya, Sri Lanka. November 22<sup>nd</sup> and 23<sup>rd</sup>, 2012.

Amarasinghe, L.D., **Ganehiarachchi, G.A.S.M.**, Chathurika R and Weerasnghe T (2012). Phytoplankton and zooplankton community dynamics and aspects of food of two fish species in two streams and two lakes in presence and absence of Anopheles mosquito larvae in Mahaoya, Sri Lanka. Thirteenth Annual Research Symposium, University of Kelaniya, Sri Lanka. November 22<sup>nd</sup> and 23<sup>rd</sup>, 2012.

Nanayakkara R.P., **Ganehiarachchi G.A.S.M.**, Vishvanath N., Kusuminda T. (2012). Current distribution of Tiger Spider (Genus-spider, genus *Poecilotheria*), in selected sites in Sri Lanka. Thirteenth Annual Research Symposium, University of Kelaniya, Sri Lanka. November 22<sup>nd</sup> and 23<sup>rd</sup>, 2012.

**Ganehiarachchi, G.A.S.M.**, Knodel, J.J., Charlet, L.D., and Beauzay, P. (2009). Biology and Integrated Management of Sunflower seed maggot (Diptera: Tephritidae) in northern Great Plains. National Sunflower Association Research Forum 2010. Ramada Plaza, Fargo, ND, USA (13/14 January 2010).

**Ganehiarachchi, G.A.S.M.**, Knodel, J.J., Charlet, L.D., and Beauzay, P. (2009). Developing pest management strategies for an emerging sunflower insect pest, Sunflower seed maggot (*Neotephritis finalis* (Loew)). Entomological Society of America, North Central Branch meeting, Saint Louis, Missouri. (Symposium title: Contribution towards understanding the impact and strategies for the changing sunflower insect pest complex from Texas to Canada). (2009 March 15-18).

**Ganehiarachchi, G.A.S.M.**, Knodel, J.J., Charlet, L.D., and Beauzay, P. (2009). Review of 2008 studies on integrated pest management strategies to reduce damage from the Sunflower seed maggot. National Sunflower Association Research Forum 2009. Ramada Plaza, Fargo, ND. (13/14 January 2009).

**Ganehiarachchi, G.A.S.M.**, Knodel, J.J., Charlet, L.D., and Beauzay, P. (2009). Review of The Biology of Sunflower Seed Maggot (*Neotephritis finalis*) (Diptera: Tephritidae): Results from 2008 field studies. A Poster - National Sunflower Association Research Forum 2009. Ramada Plaza, Fargo, ND (13/14 January 2009).

Knodel, J.J. **Ganehiarachchi, G.A.S.M.**, Anderson, Kirk and Harris, M.O (2007). Occurrence and Parasitism of *Sitodiplosis mosellana* (Diptera: Cecidomyiidae) in North Dakota. 55<sup>th</sup> Annual Meeting of the Entomological Society of America, San Diego, California. (A poster).

**Ganehiarachchi, G.A.S.M.** (2006) Host selection behavior of orange wheat blossom midge *Sitodiplosis mosellana* Entomology seminar series, North Dakota State University.

**Ganehiarachchi, G.A.S.M** and Harris, M.O (2005) Oviposition behavior of orange wheat blossom midge on low – versus high ranked grass heads. 53<sup>rd</sup> Annual Meeting of the Entomological Society of America, Fort Lauderdale, Florida.

**Ganehiarachchi, G.A.S.M** and Harris, M.O (2003) Fitness consequences of selecting young leaves for oviposition in the Hessian fly. 51<sup>st</sup> Annual Meeting of the Entomological Society of America, Cincinnati, Ohio. (A Poster)

**Ganehiarachchi, G.A.S.M.** and Costa H.H. (1995). The invertebrate fauna colonizing two submerged aquatic plants in the stream at Horton Plains, Sri Lanka. *Proceedings of the 4<sup>th</sup> Annual Session of the Sri Lanka Association for the Fisheries and Aquatic Resources.*

**Ganehiarachchi, G.A.S.M.** (1994) Biology of *Diaphania indica* (Saunders) (Lepidoptera:Pyralidae) *Proceedings of the 50<sup>th</sup> Annual Session of the Sri Lanka Association for the Advancement of Science.* 186 pp

**(c) Books (in Sinhala Language) for University Entrance Exam - Sri Lanka**

**Ganehiarachchi, Mangala** (1999). Animal Behavior. Published by the author – Priced Volume. ISBN 955-96761-0-5. 84 pages

**Ganehiarachchi, Mangala** (1999). Published by the author – Priced Volume. Core-Biology I ISBN 955- 96761-2-1. 72 pages

**Ganehiarachchi, Mangala** (2000). Published by the author – Priced Volume. Core-Biology II ISBN 955-96761-0-X . 100 pages

**Ganehiarachchi, Mangala** (2002). Published by the author – Priced Volume. Economic Biology ISBN 955-96321-3. 132 pages

**(d) Extension Publications at NDSU Fargo (peer reviewed)**

Patrick B. Beauzay, Knodel, Janet and Ganehiarachchi, **G.A.S.M** (2013). Integrated Pest management of Alfalfa Weevil in North Dakota. NDSU Ext. Serv. E 1676

Knodel, Janet, Patrick B. Beauzay and Ganehiarachchi, **G.A.S.M** (2011). Taking the Bite Out of Bed Bugs. NDSU Ext. Serv. E 1538

Knodel, Janet and **Ganehiarachchi, G.A.S.M** (2008). Integrated Pest Management of the orange wheat blossom midge in North Dakota. NDSU Ext. Serv.

Knodel, Janet and **Ganehiarachchi, G.A.S.M** (2008). Diamondback moth. Biology and Integrated Pest Management in Canola. NDSU Ext. Serv. E-1346

Knodel, Janet and **Ganehiarachchi, G.A.S.M** (2008). Bertha Armyworm. Biology and Integrated Pest Management in Wheat. NDSU Ext. Serv. E-1347