

NAME: **Dr. SAMUEL TENNYSON**

EDUCATIONAL QUALIFICATION: **M.Sc., Ph.D.**

DESIGNATION: **Assistant Professor**



SPECIALIZATION: **Vector/Mosquito control and management using botanicals/biopesticides,  
Mosquito taxonomy, biology and ecology, Environmental Toxicology**

AWARDS/ DISTINCTIONS:

- **First Rank (GOLD MEDAL): Proficiency in M.Sc. Zoology** – Gold Medal for the academic year (2004-2006), Loyola College (Autonomous), Chennai.
- **First Rank (GOLD MEDAL): Proficiency in M.Sc. Zoology** – Gold Medal for securing the highest marks in I and II semesters (2004-2005), Loyola College (Autonomous), Chennai.
- **Second Rank (SILVER MEDAL): Proficiency in B.Sc. Zoology** – Silver Medal (2002-2003), Loyola College (Autonomous), Chennai.

PARTICIPATION IN CONFERENCES/ SYMPOSIA/ SEMINARS:

- **Workshop on Student-Centered Teaching and Learning: Teaching Methods for the 21<sup>st</sup> Century**, February, 19 & 20, 2018, Madras Christian College, Chennai, Tamil Nadu, India.
- **National Symposium on Insects and their Environment Friendly Management**, February, 01 & 02, 2018, Loyola College, Chennai, Tamil Nadu, India.
- **National Conference on Interdisciplinary Research and Innovations in Biosciences**, January 24 & 25, 2018, Mohamed Sathak College of Arts & Science, Chennai, Tamil Nadu, India.
- **International Symposium on Recent Advances in Comparative Endocrinology**, November 29 – December 01, 2017, Madras Christian College, Chennai, Tamil Nadu, India.
- **Workshop on Question Setting**, October 26 & 27, 2017, Madras Christian College, Chennai, Tamil Nadu, India.
- **National Conference on Advancements of Applied Zoology for Sustainable Development – Current Trends and Future Perspectives**, October 05 & 06, 2017, Pachaiyappa's College, Chennai, Tamil Nadu, India.
- **International Workshop on Awareness for Conservation and Sustainable use of Biodiversity in India**, September 18 & 19, 2017, Thiruvalluvar University, Vellore, Tamil Nadu, India.

- **13<sup>th</sup> Conference on Vectors and Vector-Borne Diseases**, February 27 – March 01, 2017, Central University of Tamil Nadu and National Academy of Vector-Borne Diseases (NAVBD), Chennai, Tamil Nadu, India.
- **Discussion Meeting on Entomology Curriculum in Institutions of Higher Learning and Prof. T.N. Ananthakrishnan Lecture Memorial/ Award Function**, February 23 & 24, 2017, Madras Christian College, Chennai, Tamil Nadu, India.
- **Seminar cum Workshop on Job Related Upskilling in Advanced Zoology and Biotechnology**, February 15, 2017, Loyola College, Chennai, Tamil Nadu, India.
- **National Conference on Environmental Protection and Sustainability**, December 31, 2016 & January 01, 2017, Sir Theagaraya College, Chennai, Tamil Nadu, India.
- **National Conference on Novel Approaches and Concepts in Modern Microbiology**, December 06, 2016, Hindustan College of Arts and Science, Chennai, Tamil Nadu, India.
- **Young Scientists' Conference on Faunal Diversity**, December 05 & 06, 2016, Loyola College, Chennai, Tamil Nadu, India.
- **National Seminar on Innovative Technologies in Insect Science**, October 14, 2016, Guru Nanak College, Chennai, Tamil Nadu, India.
- **International Symposium on Conservation of Aquatic and Terrestrial Biodiversity**, September 28 – 30, 2016, Thiruvalluvar University, Vellore, Tamil Nadu, India.
- **National Seminar on Recent Trends in Biological Sciences - Research and Applications**, September 19 & 20, 2016, Meenakshi College for Women, Chennai, Tamil Nadu, India.
- **National Seminar on the Faunal Diversity of Eastern Ghats and Western Ghats**, 3<sup>rd</sup> & 4<sup>th</sup> March, 2016, Zoological Survey of India, Chennai, Tamil Nadu, India.
- **XV AZRA International Conference on Recent Advances in Life Sciences**, 11<sup>th</sup> – 13<sup>th</sup> February, 2016, Ethiraj College for Women, Chennai, Tamil Nadu, India.
- **National Level Symposium on Advances in Life Sciences and Bioprospecting of Marine Resources**, 4<sup>th</sup> February, 2016, Hindustan College of Arts and Science, Chennai, Tamil Nadu, India.
- **International Conference on Recent Trends in Biological Sciences**, 25<sup>th</sup> January, 2016, Hajee Karutha Rowther Howdia College, Uthamapalayam, Theni, Tamil Nadu, India.
- **Workshop on One Day User Awareness Programme on Shodhganga and Anti-Plagiarism Software – URKUND**, 29<sup>th</sup> October, 2015, University of Madras, Chennai, Tamil Nadu, India.
- **National Seminar on Recent Trends in Biological Sciences**, 26<sup>th</sup> August, 2015, Government Arts College, Krishnagiri, Tamil Nadu, India.

- **National Symposium on Biodiversity**, 18<sup>th</sup> - 20<sup>th</sup> February, 2015, Thiruvalluvar University, Vellore, Tamil Nadu, India.
- **National Conference on Achieving Sustainable Development**, 4<sup>th</sup> & 5<sup>th</sup> December, 2014, Loyola College, Chennai, Tamil Nadu, India.
- **National Seminar on Threats to Biodiversity and Ecosystems: Impacts of Developmental Projects and Climate Change and 25<sup>th</sup> All India Congress of Zoology**, 17<sup>th</sup> – 19<sup>th</sup> November, 2014, Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand, India.
- **National Conference on Higher Education Agenda of Next Generation Teachers**, 27<sup>th</sup> & 28<sup>th</sup> September, 2014, Asian Centre for Cross-Cultural Studies, Chennai, Tamil Nadu, India.
- **Regional Symposium on Recent Trends in Medical and Biotechnological Laboratories in relation to Lifestyle Diseases**, 13<sup>th</sup> September, 2014, Shri Academy for Paramedical Education (SHAPE), Chennai, Tamil Nadu, India.
- **State Level Symposium on Rearing multivoltine silkmoth (*Bombyx mori*) by adopting innovative technology**, 28<sup>th</sup> August, 2014, Hajee Karutha Rowther Howdia College, Uthamapalayam, Tamil Nadu, India.
- **Staff Development Programme**, 29<sup>th</sup> & 30<sup>th</sup> April, 2014, Madras Christian College, Chennai, Tamil Nadu, India.
- **AZRA Silver Jubilee International Conference on “Probing Biosciences for Food Security and Environmental Safety**, 16<sup>th</sup> – 18<sup>th</sup> February, 2014, Central Rice Research Institute (ICAR), Cuttack, Odisha, India.
- **101<sup>st</sup> Indian Science Congress – Innovations in Science and Technology for Inclusive Development**, 3<sup>rd</sup> – 7<sup>th</sup> February, 2014, University of Jammu, Jammu, India.
- **International Conference on Vector Borne Diseases – combat and control**, 22<sup>nd</sup> & 23<sup>rd</sup> January, 2014, Justice Basheer Ahmed Sayeed College for Women, Chennai, Tamil Nadu, India.
- **SPSS Workshop for Teaching Staff**, 29<sup>th</sup> to 31<sup>st</sup> August, 2013, Madras Christian College, Chennai, Tamil Nadu, India.
- **NNRMS-ISRO sponsored course on RS & GIS Applications to Forestry and Ecology**, 6<sup>th</sup> May to 28<sup>th</sup> June, 2013, Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Government of India, Dehradun, Uttarakhand, India.
- **National Conference on Biodiversity - Green Strategies for Sustainable Development**, 22<sup>nd</sup> & 23<sup>rd</sup> January, 2013, Women’s Christian College, Chennai, Tamil Nadu, India
- **National Conference on Relevance of Conservation and Sustainable Utilization of Bioresources**, 13<sup>th</sup> & 14<sup>th</sup> December, 2012, Auxilium College, Vellore, Tamil Nadu, India

- **National Conference on Perspectives in Ethology**, 30<sup>th</sup> November & 1<sup>st</sup> December, 2012, Stella Maris College, Chennai, Tamil Nadu, India.
- **23<sup>rd</sup> All India Science Congress of Zoology and National Conference on Conservation and Management of Faunal Resources for Sustainability**, 3<sup>rd</sup> – 5<sup>th</sup> October, 2012, Guru Nanak College, Tamil Nadu, India.
- **National Seminar on Current Trends in Biotechnological Strategies for Eco-friendly Crop Protection**, 16<sup>th</sup> & 17<sup>th</sup> December, 2011, University of Madras, Chennai, Tamil Nadu, India.
- **3<sup>rd</sup> Biopesticide International Conference (Biocicon 2011)**, 28<sup>th</sup> – 30<sup>th</sup> November, 2011, St. Xavier's College, Palayamkottai, Tamil Nadu, India
- **National Workshop on Development of an Alternative Laboratory Curriculum in Zoology to Replace Animal Dissections and Experiments with Humane Techniques**, 25<sup>th</sup> & 26<sup>th</sup> November, 2011, Stella Maris College, Chennai, Tamil Nadu, India.
- **National Conference on Environmental Protection and Management**, 29<sup>th</sup> & 30<sup>th</sup> August, 2011, Loyola College, Chennai, Tamil Nadu, India.
- **Golden Jubilee Celebration and Environmental Awareness Programme**, 22<sup>nd</sup> July, 2011, Zoological Survey of India, Ministry of Environment and Forests, Government of India, Chennai, Tamil Nadu, India.
- **Workshop on Nanotechnology**, 28<sup>th</sup> February, 2011, Loyola College, Chennai, Tamil Nadu, India.
- **National Seminar on Harmful/Beneficial Insects of Agricultural Importance with Special Reference to the Nuisance Pest *Luprops tristis* in Rubber Plantations**, 17<sup>th</sup> & 18<sup>th</sup> February, 2011, St. Joseph's College, Devagiri, Calicut, Kerala, India.
- **Workshop on Methods in Assessment of Aquatic Pollution and Bioremediation**, 31<sup>st</sup> January-4<sup>th</sup> February, 2011, Loyola College, Chennai, Tamil Nadu, India.
- **X International Symposium on Vectors and Vector Borne Diseases**, 4<sup>th</sup>-6<sup>th</sup> November, 2009, Goa University and National Institute of Malaria Research, Goa, India.
- **State Level Symposium on Role of Laboratories in Trauma Care and pre-emptive prevention of Human Diseases**, 17<sup>th</sup> & 18<sup>th</sup> December, 2008, Loyola College, Chennai Tamil Nadu, India.
- **National Symposium on Ecofriendly Insect Pest Management**, 7<sup>th</sup> & 8<sup>th</sup> February, 2008, Entomology Research Institute (ERI), Loyola College, Chennai, Tamil Nadu, India.
- **Regional Symposium on Newer Challenges in Laboratory for life style diseases**, 17<sup>th</sup> & 18<sup>th</sup> December, 2007, Loyola College, Chennai, Tamil Nadu, India.
- **Young Scientists' Conference on Environment, Health and Food**, 3<sup>rd</sup> & 4<sup>th</sup> December, 2007, Loyola College, Chennai, Tamil Nadu, India.

- **International Workshop of Gulf of Mannar Biosphere Reserve: An Ecological model for Biodiversity Conservation, Livelihood and Sustainability**, 20<sup>th</sup> & 21<sup>st</sup> September, 2007, National Biodiversity Authority (NBA), Chennai, Tamil Nadu, India.
- **National Seminar on Mosquito Biodiversity and Challenges in the Control of Mosquito-Borne Diseases**, 19<sup>th</sup> & 20<sup>th</sup> February, 2007, Loyola College, Chennai, Tamil Nadu, India.
- **Symposium on Current Trends in Laboratory Techniques for the Diagnosis of Human Viral Infections**, 25<sup>th</sup> January, 2007, Loyola College, Chennai, Tamil Nadu, India.
- **UGC Sponsored National Seminar on Organic Farming: Trends and Challenges**, 27<sup>th</sup> & 28<sup>th</sup> September, 2006, Arul Ananthar College, Karumathur, Madurai, Tamil Nadu, India.
- **International Coastal Cleanup Campaign**, 16<sup>th</sup> September, 2006, UNEP-SACEP, Indian Coast Guard, NIOT and Loyola College, Chennai, Tamil Nadu, India.
- **National Conference on Agrobiodiversity**, 12<sup>th</sup>-15<sup>th</sup> February, 2006, National Biodiversity Authority (NBA), National Institute of Ocean Technology (NIOT), Chennai, Tamil Nadu, India.
- **National Conference on Biodiversity**, 30<sup>th</sup> & 31<sup>st</sup> January, 2006, Loyola College, Chennai, Tamil Nadu, India.
- **Training Programme on Bioinformatics-Vector Control** 2006, Indian Institute of Chemical Technology (IICT), Loyola College, Chennai, Tamil Nadu, India.
- **Training Programme on Cattle Management and Fodder Production**, 19<sup>th</sup> January-3<sup>rd</sup> February, 2004, Government of India, Ministry of Agriculture, Loyola College, Chennai, Tamil Nadu, India.
- **State Level Symposium on Hi-Tech and Instrumentation in Medical Laboratory Technology for Diagnosis of Human Diseases**, 10<sup>th</sup> & 11<sup>th</sup> December, 2004, Loyola College, Chennai, Tamil Nadu, India.
- **National Seminar on Healthy Environment for the Next Generation**, 2<sup>nd</sup>-4<sup>th</sup> December, 2004, Loyola College, Chennai, Tamil Nadu, India.
- **State Level Seminar on Urban Environment Impact Assessment**, 12<sup>th</sup> & 13<sup>th</sup> February, 2004, Loyola College, Chennai, Tamil Nadu, India.
- **State Level Conference on HIV/AIDS Awareness for college students**, 15<sup>th</sup> & 16<sup>th</sup> September, 2003, Loyola College, Chennai, Tamil Nadu, India.
- **State Level Seminar on Poultry**, 1<sup>st</sup>-3<sup>rd</sup> December, 2003, Loyola College, Chennai, Tamil Nadu, India.
- **National Conference on Management of Natural Resources for our Sustenance**, 3<sup>rd</sup>-5<sup>th</sup> October, 2002, Loyola College, Chennai, Tamil Nadu, India.

- **Seminar on Poultry for Sustainable Food Production and Livelihood**, 4<sup>th</sup> & 5<sup>th</sup> October, 2001, Loyola College, Chennai, Tamil Nadu, India.

#### PAPER PRESENTATIONS:

- **Tennyson S**, Arivoli S and Jayakumar M. Bioefficacy of *Catharanthus roseus* (L.) G. Don (Apocynaceae) on the larval instars of the dengue and chikungunya vector *Aedes aegypti* Linn. (Diptera: Culicidae). National Symposium on Insects and their environment friendly management, February 01 & 02, 2018, Loyola College, Chennai, Tamil Nadu, India.
- Arul Amuthan, C., Saraswathi, K., Arumugam, B. and **Samuel Tennyson**. Evaluation of green silver nanoparticles for larvicidal activity against *Aedes aegypti* Linnaeus (Diptera: Culicidae). National Conference on Advancements of Applied Zoology for Sustainable Development – Current Trends and Future Perspectives, October 05 & 06, 2017, Pachaiyappa's College, Chennai, Tamil Nadu, India.
- Arul Amuthan, C., Saraswathi, K., Arumugam, B. and **Samuel Tennyson**. Larvicidal activity of green silver nanoparticles against *Culex quinquefasciatus* Say (Diptera: Culicidae). National Conference on Advancements of Applied Zoology for Sustainable Development – Current Trends and Future Perspectives, October 05 & 06, 2017, Pachaiyappa's College, Chennai, Tamil Nadu, India.
- **Samuel Tennyson**, Divya, A., Dons, N.J., Daniel Reegan, A. and Arivoli, S. Laboratory evaluation of silver nanoparticles synthesized using *Allium fistulosum* Linnaeus (Amaryllidaceae) for toxicity against *Aedes aegypti* Linnaeus, *Anopheles stephensi* Liston and *Culex quinquefasciatus* Say (Diptera: Culicidae). 13<sup>th</sup> Conference on Vectors and Vector-Borne Diseases, February 27 – March 01, 2017, Central University of Tamil Nadu and National Academy of Vector-Borne Diseases (NAVBD), Chennai, Tamil Nadu, India.
- Arivoli, S. and **Samuel Tennyson**. Larvicidal efficacy of certain botanicals against three species of mosquito vectors. 13<sup>th</sup> Conference on Vectors and Vector-Borne Diseases, February 27 – March 01, 2017, Central University of Tamil Nadu and National Academy of Vector-Borne Diseases (NAVBD), Chennai, Tamil Nadu, India.
- Arivoli, S. and **Samuel Tennyson**. Evaluation of mosquito larvicidal activity of *Jasminum* species (Oleaceae) crude flower extracts against *Aedes aegypti* Linnaeus and *Culex quinquefasciatus* Say (Diptera: Culicidae). 13<sup>th</sup> Conference on Vectors and Vector-Borne Diseases, February 27 – March 01, 2017, Central University of Tamil Nadu and National Academy of Vector-Borne Diseases (NAVBD), Chennai, Tamil Nadu, India.
- **Samuel Tennyson**, Arivoli, S. and John William, S. Indian gharial (*Gavialis gangeticus* Gmelin, 1789). Young Scientists' Conference on Faunal Diversity, December 05 & 06, 2016, Loyola College, Chennai, Tamil Nadu, India.
- **Samuel Tennyson** and John William, S. Fading footprints of snow leopard (*Panthera uncia* Schreber, 1775). Young Scientists' Conference on Faunal Diversity, December 05 & 06, 2016, Loyola College, Chennai, Tamil Nadu, India.
- John William, S. and **Samuel Tennyson**. Seacows (*Dugong dugon* Muller, 1776) on the brink of extinction. Young Scientists' Conference on Faunal Diversity, December 05 & 06, 2016, Loyola College, Chennai, Tamil Nadu, India.

- Divya, S., Vanniyamalar, R., Thilagavathi, S., Arivoli, S. and **Samuel Tennyson**. Indian peafowl diversity – threat or treat. Young Scientists’ Conference on Faunal Diversity, December 05 & 06, 2016, Loyola College, Chennai, Tamil Nadu, India.
- Divya, A. and **Samuel Tennyson**. Status of the spot billed pelican (*Pelecanus philippensis* Gmelin, 1789) at Chennai. Young Scientists’ Conference on Faunal Diversity, December 05 & 06, 2016, Loyola College, Chennai, Tamil Nadu, India.
- Dons, N.J. and **Samuel Tennyson**. Status of the Malabar civet (*Viverra civettina* Blyth, 1862) in and around North Kerala. Young Scientists’ Conference on Faunal Diversity, December 05 & 06, 2016, Loyola College, Chennai, Tamil Nadu, India.
- Divya, A., Dons, N.J., Daniel Reagan, A., Rajiv Gandhi, M., Ignacimuthu, S., Arumugam, B., Arivoli, S. and **Samuel Tennyson**. Bioassay of silver nanoparticles from *Allium fistulosum* (Amaryllidaceae) for toxicity against *Aedes aegypti* Linnaeus, *Anopheles stephensi* Liston and *Culex quinquefasciatus* Say (Diptera: Culicidae). National Seminar on Innovative Technologies in Insect Science, October 14, 2016, Guru Nanak College, Chennai, Tamil Nadu, India. (**II Prize Best paper presentation**)
- Dons, N.J., Divya, A., Daniel Reagan, A., Rajiv Gandhi, M., Ignacimuthu, S., Arumugam, B., Arivoli, S. and **Samuel Tennyson**. Larvicidal activity of silver nanoparticles from *Cocos nucifera* (Arecaceae) against *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus* (Diptera: Culicidae). National Seminar on Innovative Technologies in Insect Science, October 14, 2016, Guru Nanak College, Chennai, Tamil Nadu, India.
- **Samuel Tennyson**, Raveen, R., Jayakumar, M. and Arivoli, S. Corals of Gulf of Mannar: Threat or Treat. International Symposium on Conservation of Aquatic and Terrestrial Biodiversity, September 28 – 30, 2016, Thiruvalluvar University, Vellore, Tamil Nadu, India.
- **Samuel Tennyson**, Subramanian Arivoli and John William. Phytonanopesticides for vector control. XV AZRA International Conference on Recent Advances in Life Sciences, 11<sup>th</sup> – 13<sup>th</sup> February, 2016, Ethiraj College for Women, Chennai, Tamil Nadu, India.
- Vinodha, V., Kalarani, A. and **Samuel Tennyson**. Studies on the repellent activity of plants against mosquitoes in field conditions. XV AZRA International Conference on Recent Advances in Life Sciences, 11<sup>th</sup> – 13<sup>th</sup> February, 2016, Ethiraj College for Women, Chennai, Tamil Nadu, India. (**Best presentation**)
- Kalarani, A., Vinodha, V. and **Samuel Tennyson**. Field evaluation of mosquito repellent activity using traditional method. XV AZRA International Conference on Recent Advances in Life Sciences, 11<sup>th</sup> – 13<sup>th</sup> February, 2016, Ethiraj College for Women, Chennai, Tamil Nadu, India.
- **Samuel, T.** and Arivoli, S. Mosquito control using green insecticides. National Seminar on Recent Trends in Biological Sciences, 26<sup>th</sup> August, 2015, Government Arts College, Krishnagiri, Tamil Nadu, India.
- Raveen, R., **Samuel, T.**, Arivoli, S. and Madhanagopal, R. Evaluation of mosquito larvicidal activity of *Jasminum* sp. (Oleaceae) extracts against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae). National Symposium on Biodiversity, 18<sup>th</sup> - 20<sup>th</sup> February, 2015, Thiruvalluvar University, Vellore, Tamil Nadu, India.

- **Samuel Tennyson** and S. John William. Potentiality of botanicals in sustainable control of mosquitoes (Diptera: Culicidae). National Conference on Achieving Sustainable Development, 4<sup>th</sup> & 5<sup>th</sup> December, 2014, Loyola College, Chennai, Tamil Nadu, India.
- B. Sai Shankar, T. Saravanan, Adline Jennefa Daniel, Arul Samraj and **Samuel Tennyson**. Repellent activity of local plants against mosquitoes. National Conference on Achieving Sustainable Development, 4<sup>th</sup> & 5<sup>th</sup> December, 2014, Loyola College, Chennai, Tamil Nadu, India.
- Adline Jennefa Daniel, **Samuel Tennyson** and Arul Samraj. Vermiculture in organic waste recycling. National Conference on Achieving Sustainable Development, 4<sup>th</sup> & 5<sup>th</sup> December, 2014, Loyola College, Chennai, Tamil Nadu, India.
- S. Arivoli, **Samuel Tennyson** and D. Arul Samraj. Effect of *Murraya koenigii* (L.) Spreng (Rutaceae) and *Sphaeranthus indicus* Linn. (Asteraceae) leaf extracts on the oviposition activity of *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus* (Diptera: Culicidae). AZRA Silver Jubilee International Conference on “Probing Biosciences for Food Security and Environmental Safety, 16<sup>th</sup> – 18<sup>th</sup> February, 2014, Central Rice Research Institute (ICAR), Cuttack, Odisha, India.
- Allen J. Freddy, **Samuel Tennyson**, D. Arul Samraj and Arijit Roy. Land use land cover change detection using remote sensing and geographical information system in Pathri reserve forest, Uttarakhand, India. 101<sup>st</sup> Indian Science Congress – Innovations in Science and Technology for Inclusive Development, 3<sup>rd</sup>–7<sup>th</sup> February, 2014, University of Jammu, Jammu, India.
- K.T. Kamakshi, R. Raveen, **Samuel Tennyson**, A. Daniel Reegan and S. Ignacimuthu. Ovicidal and repellent activities of *Cereus hildmannianus* (K. Schum) (Cactaceae) extracts against the dengue vector *Aedes aegypti* L. (Diptera: Culicidae). International Conference on Vector Borne Diseases – combat and control, 22<sup>nd</sup> & 23<sup>rd</sup> January, 2014, Justice Basheer Ahmed Sayeed College for Women, Chennai, Tamil Nadu, India.
- **Samuel Tennyson**, K. John Ravindran and S. John William. Larvicidal efficacy of *Ageratum houstonianum* Mill. (Asteraceae) leaf extracts against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae). 23<sup>rd</sup> All India Science Congress of Zoology and National Conference on Conservation and Management of Faunal Resources for Sustainability, 3<sup>rd</sup> – 5<sup>th</sup> October, 2012, Guru Nanak College, Chennai, Tamil Nadu, India.
- **Samuel Tennyson** and D. Arul Samraj. Ovipositional activity of *Citrullus colocynthis* (L.) Schrad (Cucurbitaceae) whole plant extracts against vector mosquitoes (Diptera: Culicidae). National Seminar on Recent Trends in Pest Management and Conservation of our Natural Enemies, 15<sup>th</sup> & 16<sup>th</sup> March, 2012, V.O. Chidambaram College, Thoothukudi, Tamil Nadu, India.
- S. Arivoli, K. John Ravindran and **Samuel Tennyson**. Ovicidal activity of plant extracts against the filarial vector *Culex quinquefasciatus* (Diptera: Culicidae). National Seminar on Recent Trends in Pest Management and Conservation of our Natural Enemies, 15<sup>th</sup> & 16<sup>th</sup> March, 2012, V.O. Chidambaram College, Thoothukudi, Tamil Nadu, India.
- **Samuel Tennyson** and S. Arivoli. Bioefficacy of botanical insecticides against *Aedes aegypti* L. (Diptera: Culicidae). 3<sup>rd</sup> Biopesticide International Conference (Biocicon 2011), 28<sup>th</sup> – 30<sup>th</sup> November, 2011, St. Xavier’s College, Palayamkottai, Tamil Nadu, India.



- S. Arivoli and **Samuel Tennyson**. Larvicidal activity of botanicals against *Culex quinquefasciatus* Say (Diptera: Culicidae). 3<sup>rd</sup> Biopesticide International Conference (Biocicon 2011), 28<sup>th</sup> – 30<sup>th</sup> November, 2011, St. Xavier's College, Palayamkottai, Tamil Nadu, India.
- S. Arivoli, **Samuel Tennyson** and J. Jesudoss Martin. Larvicidal efficacy of some plant extracts against *Anopheles stephensi* Liston (Diptera: Culicidae). 3<sup>rd</sup> Biopesticide International Conference (Biocicon 2011), 28<sup>th</sup> – 30<sup>th</sup> November, 2011, St. Xavier's College, Palayamkottai, Tamil Nadu, India.
- **Samuel Tennyson**, S. John William and D. Arul Samraj. Biopesticides for mosquito control. National Conference on Environmental Protection and Management, 29<sup>th</sup> & 30<sup>th</sup> August, 2011, Loyola College, Chennai, Tamil Nadu, India.
- **Samuel Tennyson**, M. Jayakumar and S. John William. *Culex* Mosquito: An overview. National Seminar on Mosquito Biodiversity and Challenges in the Control of Mosquito-Borne Diseases, 19<sup>th</sup> & 20<sup>th</sup> February, 2007, Loyola College, Chennai, Tamil Nadu, India.
- M. Jayakumar, **Samuel Tennyson** and S. John William. *Aedes*: An ever dangerous enemy in our society. National Seminar on Mosquito Biodiversity and Challenges in the Control of Mosquito-Borne Diseases, 19<sup>th</sup> & 20<sup>th</sup> February, 2007, Loyola College, Chennai, Tamil Nadu, India.
- S. Suresh, **Samuel Tennyson** and S. John William. Prevalence of Malaria and Chikungunya in Nilgiris. National Seminar on Mosquito Biodiversity and Challenges in the Control of Mosquito-Borne Diseases, 19<sup>th</sup> & 20<sup>th</sup> February, 2007, Loyola College, Chennai, Tamil Nadu, India.
- A. Justin Rayappa and **Samuel Tennyson**. Chikungunya: The troublesome epidemic of our country. National Seminar on Mosquito Biodiversity and Challenges in the Control of Mosquito-Borne Diseases, 19<sup>th</sup> & 20<sup>th</sup> February, 2007, Loyola College, Chennai, Tamil Nadu, India.
- K.P. Jancy, G. Ruby, M. Jayakumar, **Samuel Tennyson** and S. John William. Malaria: Menace to Human. National Seminar on Mosquito Biodiversity and Challenges in the Control of Mosquito-Borne Diseases, 19<sup>th</sup> & 20<sup>th</sup> February, 2007, Loyola College, Chennai, Tamil Nadu, India.
- K. Loganathan, N.A. Johnson Amala Justin and **Samuel Tennyson**. Fishes: Biocontrol agents for mosquito larvae. National Seminar on Mosquito Biodiversity and Challenges in the Control of Mosquito-Borne Diseases, 19<sup>th</sup> & 20<sup>th</sup> February, 2007, Loyola College, Chennai, Tamil Nadu, India.
- **Samuel Tennyson**, M. Jayakumar and S. John William. Organic Farming: Boon or Bane. National Seminar on Organic Farming: Trends and Challenges, 27<sup>th</sup> & 28<sup>th</sup> September, 2006, Arul Ananthar College, Karumathur, Madurai, Tamil Nadu, India.

## PUBLICATIONS:

- **Samuel Tennyson**, Subramanian Arivoli, Selvanayagam Selvakumar and Manickkam Jayakumar. Bioefficacy of *Catharanthus roseus* (L.) G. Don (Apocynaceae) and *Hyptis suaveolens* (L.) Poit (Lamiaceae) ethanolic aerial extracts on the larval instars of the dengue and chikungunya vector *Aedes aegypti* Linnaeus 1762 (Diptera: Culicidae). *International Journal of Mosquito Research*, 2018; 5(4): 07-18.
- Luz Cuello, and **Samuel Tennyson**. Assessment of dengue vector breeding at Pulicat, Tamil Nadu, India. *International Journal of Mosquito Research*, 2018; 5(3): 42-50.
- Divya S, Arivoli S, **Samuel T.** and Jayakumar M. Gas chromatography-mass spectrometry analysis of *Cardiospermum halicacabum* Linnaeus (Sapindaceae) and *Chenopodium album* Linnaeus (Chenopodiaceae) leaves. *Journal of Pharmacognosy and Phytochemistry*, 2018; 7(3): 2743-2751.
- Arivoli S, Divya S, Arumugam B, Meeran M, Jayakumar M, and **Samuel T.** Phytochemical constituents of *Jasminum fluminense* Linnaeus (Oleaceae): An additional tool in the ecofriendly management of mosquitoes? *Journal of Pharmacognosy and Phytochemistry*, 2018; 7(1): 548-566.
- Miriam Cecilia Vassou, Surya Gnanasekaran, Mohideen Askar Nawas, **Samuel Tennyson**, and Subramanian Arivoli. 2017. Physicochemical analysis of water samples from three polluted sites of Tiruchirappalli, Tamil Nadu, India. *International Journal of Zoology Studies*, 2(6): 135-137.
- Lalitha Lavanya, P., Angeline Sugirtha, P.V., Rincy Stanley, Mark Michale Teres Queensly Quileen and **Samuel Tennyson**. 2017. Histopathological effects of dibutyl phthalate on *Oreochromis mossambicus* Peters, 1852. *Asian Journal of Science and Technology*, 8(8): 5371-5375.
- Vanitha, M., Lipimol Philip, Adline Jennefa Daniel, **Samuel Tennyson** and Arul Samraj, D. 2017. Physicochemical characterization of vermicompost from fish waste using *Eudrilus eugeniae*. *International Journal of Current Advanced Research*, 6(8): 5197-5199.
- Monica, R.D., Adline Jennefa Daniel, **Samuel Tennyson** and Arul Samraj, D. 2017. Physicochemical characterization of vermicompost from chicken waste using *Eudrilus eugeniae*. *International Journal of Recent Scientific Research*, 8(8): 18973-18975.
- Lalitha Lavanya, P., **Samuel Tennyson**, R. Raveen and D. Sudarsanam. 2017. Comparative efficacy of Ficoll hypaque and Hydroxyethyl starch protocols for the isolation of human bone marrow derived mesenchymal stem cells. *Journal of Global Biosciences*, 6(5): 5022-5031.
- Manickkam Jayakumar, Subramanian Arivoli, and **Samuel Tennyson**. 2017. Repellent activity and fumigant toxicity of a few plant oils against the adult rice weevil *Sitophilus oryzae* Linnaeus 1763 (Coleoptera: Curculionidae). *Journal of Entomology and Zoology Studies*, 5(2): 324-335.
- Manickkam Jayakumar, Subramanian Arivoli, and **Samuel Tennyson**. 2016. Larvicidal and pupicidal efficacy of plant oils against *Culex quinquefasciatus* Say 1823 (Diptera: Culicidae). *Journal of Entomology and Zoology Studies*, 4(5): 449-456.

- Murugesan Sakthivadivel, Palani Gunasekaran, Gyurme Tenzin, Thanikachalam Saravanan, Rajasingh Raveen, Subramanian Arivoli, John William and **Samuel Tennyson**. 2016. Laboratory evaluation of Asteraceae species *Tagetes erecta* Linnaeus and *Tridax procumbens* Linnaeus against the larvae of *Culex quinquefasciatus* Say 1823 (Diptera: Culicidae). *International Journal of Mosquito Research*, 3(3): 35-46.
- Murugesan Sakthivadivel, Thanikachalam Saravanan, Gyurme Tenzin, Manickkam Jayakumar, Rajasingh Raveen, Subramanian Arivoli and **Samuel Tennyson**. 2016. Laboratory evaluation of two Meliaceae species as larvicides against *Culex quinquefasciatus* Say (Diptera: Culicidae). *Vector Biology Journal*, 1(2): 1-10.
- **Samuel Tennyson**, Subramanian Arivoli and John William. 2016. Phytonanopesticides for vector control: A review. *Journal of Applied Zoological Researches*, 27(1): 1-11.
- Subramanian Arivoli, **Samuel Tennyson**, Manickkam Jayakumar, Balasubramanian Senthilkumar, Marimuthu Govindarajan, Ranganathan Babujanarthanam and Selvaraj Vijayanand. 2016. Larvicidal activity of fractions of *Sphaeranthus indicus* Linnaeus (Asteraceae) ethyl acetate whole plant extract against *Aedes aegypti* Linnaeus 1762, *Anopheles stephensi* Liston 1901 and *Culex quinquefasciatus* Say 1823 (Diptera: Culicidae). *International Journal of Mosquito Research*, 3(2): 18-30.
- Marimuthu Govindarajan, Mohan Rajeshwary, Subramanian Arivoli, **Samuel Tennyson** and Giovani Benelli. 2016. Larvicidal and repellent potential of *Zingiber nimmonii* (J. Graham) Dalzell (Zingiberaceae) essential oil: an eco-friendly tool against malaria, dengue and lymphatic filariasis mosquito vectors. *Parasitology Research*, 115(5): 1807-1816.
- Arivoli, S., and **Samuel, T.** 2015. Larvicidal activity of *Murraya koenigii* (L.) Spreng (Rutaceae) hexane leaf extract isolated fractions against *Aedes aegypti* Linnaeus, *Anopheles stephensi* Liston and *Culex quinquefasciatus* Say (Diptera: Culicidae). *Journal of Mosquito Research*, 5(18): 1-8.
- Subramanian Arivoli, and **Samuel Tennyson**. 2015. Larvicidal activity of *Citrullus colocynthis* (L.) Schrad (Cucurbitaceae) isolated fractions against *Aedes aegypti* (L.), *Anopheles stephensi* Liston and *Culex quinquefasciatus* Say (Diptera: Culicidae). *Indian Journal of Applied Research*, 5(8): 97-101.
- **Samuel Tennyson**, John Ravindran, Alex Eapen and John William. 2015. Larvicidal activity of *Ageratum houstonianum* Mill. (Asteraceae) leaf extracts against *Anopheles stephensi*, *Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae). *Asian Pacific Journal of Tropical Disease*, 5(Suppl 1): S73-S76.
- Murugesan Sakthivadivel, Palani Gunasekaran, Murugesan Sivakumar, Subramanian Arivoli, and **Samuel Tennyson**. 2015. Mosquito larvicidal activity of *Hyptis suaveolens* (L.) Poit (Lamiaceae) aerial extracts against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae). *Journal of Medicinal Plants Studies*, 3(4): 1-5.
- **Samuel Tennyson**, John Ravindran, Alex Eapen and John William. 2015. Ovicidal activity of *Ageratum houstonianum* Mill. (Asteraceae) leaf extracts against *Anopheles stephensi*, *Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae). *Asian Pacific Journal of Tropical Disease*, 5(3): 199-203.

- S. Arivoli, R. Raveen, **Samuel Tennyson** and M. Sakthivadivel. 2015. Adult emergence inhibition activity of *Cleistanthus collinus* (Roxb.) Euphorbiaceae leaf extracts against *Aedes aegypti* (L.), *Anopheles stephensi* Liston and *Culex quinquefasciatus* Say (Diptera: Culicidae). *International Journal of Mosquito Research*, 2(1): 24-28.
- Murugesan Sakthivadivel, Palani Gunasekaran, Murugesan Sivakumar, Arul Samraj, Subramanian Arivoli and **Samuel Tennyson**. 2014. Evaluation of *Solanum trilobatum* L. (Solanaceae) aerial extracts for mosquito larvicidal activity against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae). *Journal of Entomology and Zoology Studies*, 2(6): 102-106.
- Murugesan Sakthivadivel, Palani Gunasekaran, Jothis Mathew, Arul Samraj, Subramanian Arivoli and **Samuel Tennyson**. 2014. Evaluation of larvicidal efficacy of *Cleome viscosa* L. (Capparaceae) aerial extracts against *Culex quinquefasciatus* Say (Diptera: Culicidae). *Asian Pacific Journal of Tropical Disease*, 4(Suppl 2): S795-S798. (0.726)
- Murugesan Sakthivadivel, Palani Gunasekaran, Jeevanandham Therasa Annapoorani, David Arul Samraj, Subramanian Arivoli and **Samuel Tennyson**. 2014. Larvicidal activity of *Wrightia tinctoria* R. BR. (Apocynaceae) fruit and leaf extracts against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae). *Asian Pacific Journal of Tropical Disease*, 4(Suppl 1): S373-S377.
- B. Sai Shankar, T. Saravanan, M. Ragavi, G. Kaviya, Ankita Anushree, Arul Samraj and **Samuel Tennyson**. 2013. Screening of local plants for their repellent activity against mosquitoes (Diptera: Culicidae). *Journal of Mosquito Research*, 3(14): 97-104.
- S. Arivoli and **Samuel Tennyson**. 2013. Ovicidal activity of plant extracts against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). *Bulletin of Environment, Pharmacology and Life Sciences*, 2(10): 123-128.
- S. Arivoli and **Samuel Tennyson**. 2013. Screening of plant extracts for oviposition activity against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). *International Journal of Fauna and Biological Studies*, 1(1): 20-25.
- S. Arivoli and **Samuel Tennyson**. 2013. Antifeedant activity, developmental indices and morphogenetic variations of plant extracts against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). *Journal of Entomology and Zoology Studies*, 1(4): 87-96.
- Rajkumar, J.S.I. and **Samuel Tennyson**. 2013. Bioaccumulation and biochemical response of *Liza parsia* to copper. *International Journal of Science and Research*, 2(4): 213-217.
- Rajkumar, J.S.I. and **Samuel Tennyson**. 2013. Mercury induced biochemical alterations as oxidative stress in *Mugil cephalus* in short term toxicity test. *Current World Environment*, 8(1): 55-59.
- Rajkumar, J.S.I. and **Samuel Tennyson**. 2013. Acute effects of chromium on bioaccumulation and biochemical profile of *Mugil cephalus* (Linnaeus, 1758). *International Journal of Advanced Life Sciences*, 6(2): 107-115.

- Kamakshi, K.T., R. Raveen, A. Daniel Reegan and **S. Tennyson**. 2013. Larvicidal activity of *Cereus hildmannianus* (K. Schum.) extracts against dengue vector *Aedes aegypti* L (Diptera: Culicidae). *International Journal of Applied Biology*, 1: 66-68.
- **Samuel Tennyson**, D. Arul Samraj, D. Jeyasundar and Keduokhrienuo Chalieu. 2013. Larvicidal efficacy of plant oils against the dengue vector *Aedes aegypti* (L.) (Diptera: Culicidae). *Middle East Journal of Scientific Research*, 13(1): 64-68.
- **Samuel Tennyson**, K. John Ravindran and S. Arivoli. 2012. Bioefficacy of botanical insecticides against the dengue and chikungunya vector *Aedes aegypti* (L.) (Diptera: Culicidae). *Asian Pacific Journal of Tropical Biomedicine*, 2: S1842-S1844.
- **Samuel Tennyson**, K. Balaraju, Kyungseok Park, K. John Ravindran, Alex Eapen, and S. John William. 2012. *In vitro* antioxidant activity of *Ageratum houstonianum* Mill. (Asteraceae). *Asian Pacific Journal of Tropical Disease*, 2: S712-S714.
- **Samuel Tennyson**, K. John Ravindran, Alex Eapen, and S. John William. 2012. Effect of *Ageratum houstonianum* Mill. (Asteraceae) leaf extracts on the oviposition activity of *Anopheles stephensi*, *Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae). *Parasitology Research*, 111(6): 2295-2299.
- **Samuel Tennyson**, K. John Ravindran, Alex Eapen, and S. John William. 2012. Repellent activity of *Ageratum houstonianum* Mill. (Asteraceae) leaf extracts against *Anopheles stephensi*, *Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae). *Asian Pacific Journal of Tropical Disease*, 2(6): 478-480.
- **Samuel Tennyson**, K. John Ravindran and S. Arivoli. 2012. Screening of twenty five plant extracts for larvicidal activity against *Culex quinquefasciatus* Say (Diptera: Culicidae). *Asian Pacific Journal of Tropical Biomedicine*, 2: S1130-S1134.
- Arivoli, S. and **Samuel Tennyson**. 2012. Antifeedant activity of plant extracts against *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). *American-Eurasian Journal of Agricultural and Environmental Sciences*, 12(6): 764-768.
- Ravindran, J., **Samuel**, T. Alex, E. and William, J. 2012. Adulticidal activity of *Ageratum houstonianum* Mill. (Asteraceae) leaf extracts against three vector mosquito species (Diptera: Culicidae). *Asian Pacific Journal of Tropical Disease*, 2(3): 177-179.
- S. Arivoli, K. John Ravindran, and **Samuel Tennyso**. 2012. Larvicidal activity of botanicals against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae). *International Journal of Research in Zoology*, 2(1): 13-17.
- Arivoli, S., John Ravindran, K. and **Samuel Tennyson**. 2012. Larvicidal efficacy of plant extracts against the malarial vector *Anopheles stephensi* Liston (Diptera: Culicidae). *World Journal of Medical Sciences*, 7(2): 77-80.
- Rajkumar, J.S.I. and **Samuel Tennyson**. 2012. Predicting NOEC through *Mugil Cephalus* exposed to heavy metal concentrations with special reference to Ennore creek, Tamilnadu, India. *Pollution*, 43: 6859-6864.

- Arivoli, S. and **Samuel Tennyson**. 2012. Larvicidal efficacy of *Strychnos nuxvomica* Linn. (Loganiaceae) leaf extracts against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae). *World Journal of Zoology*, 7(1): 06-11.
- **Samuel Tennyson**, K. John Ravindran and S. Arivoli. 2011. Screening of plant extracts for ovicidal activity against *Culex quinquefasciatus* Say (Diptera: Culicidae). *Applied Botany*, 40: 5456-5460.
- Arivoli, S. and **Samuel**, T. 2011. Larvicidal efficacy of *Cleistanthus collinus* (Roxb.) (Euphorbiaceae) leaf extracts against vector mosquitoes (Diptera: Culicidae). *Asian Pacific Journal of Tropical Biomedicine*, 1(2): S281-S283.
- Arivoli, S. and **Samuel Tennyson**. 2011. Effect of *Leucas aspera* (Willd.) Spreng (Lamiaceae) leaf extracts against *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus* (Diptera: Culicidae). *World Applied Sciences Journal*, 14(4): 565-568.
- Arivoli, S. and **Samuel Tennyson**. 2011. Studies on the mosquitocidal activity of *Murraya koenigii* (L.) Spreng (Rutaceae) leaf extracts against *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus* (Diptera: Culicidae). *Asian Journal of Experimental Biological Science*, 2(4): 721-730.
- Arivoli, S. and **Samuel Tennyson**. 2011. Larvicidal and adult emergence inhibition activity of *Abutilon indicum* (Linn.) (Malvaceae) leaf extracts against vector mosquitoes (Diptera: Culicidae), *Journal of Biopesticides*, 4(1): 27-35.
- Arivoli, S., **Samuel Tennyson** and J. Jesudoss Martin. 2011. Larvicidal efficacy of *Vernonia cinerea* (L.) (Asteraceae) leaf extracts against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae), *Journal of Biopesticides*, 4(1): 37-42.
- Arivoli, S. and **Samuel Tennyson**. 2011. Mosquitocidal activity of *Hyptis suaveolens* (L.) Poit (Lamiaceae) extracts against *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus* (Diptera: Culicidae). *International Journal of Recent Scientific Research*, 2(5): 143-149.
- Arivoli, S. and **Samuel Tennyson**. 2011. Bioefficacy of *Citrullus colocynthis* (L.) Schrad (Cucurbitaceae) whole plant extracts against *Anopheles stephensi*, *Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae), *International Journal of Current Research*, 3(4): 296-304.
- **Samuel Tennyson**, S. Arivoli, V. Jelin and J. Kapil. 2011. Larvicidal activity of plant oils against the Chikungunya vector *Aedes aegypti* (L.) (Diptera: Culicidae). *Indian Journal of Environment and Ecoplanning*, 18(2-3): 289-292.
- **Samuel Tennyson** and S. Arivoli. 2011. Larvicidal, adult emergence inhibition and ovicidal activity of *Sphaeranthus indicus* Linn. (Asteraceae) whole plant extracts against *Aedes aegypti*, *Anopheles stephensi* and *Culex quinquefasciatus* (Diptera: Culicidae). *Indian Journal of Environment and Ecoplanning*, 18(2-3): 293-304.
- **Samuel Tennyson**, K. Balaraju, P. Kyungseok, A. Kannikai Raja, K. John Ravindran, Alex Eapen and S. John William. 2011. *In vitro* antimicrobial activity of *Ageratum houstonianum* Mill. (Asteraceae). *Food Science*, 35: 2897-2900.

- Rajkumar, K., **Samuel Tennyson** and S. John William. 2011. Population dynamics of *Leptocentrus taurus* on its host plants based on seasonal variation in Thiruvallur district, Tamilnadu (Homoptera: Membracidae). *Proceedings of the Zoological Society of India*, 10(1): 75-80.
- Rajkumar, K., **Samuel Tennyson** and S. John William. 2011. Population dynamics of *Otinotus oneratus* on its host plants based on seasonal variation in Thiruvallur district, Tamilnadu (Homoptera: Membracidae). *National Journal of Life Sciences*, 8(1): 61-64.
- Rajkumar, K., **Samuel Tennyson** and S. John William. 2011. Population dynamics of *Oxyrhachis taranda* on its host plants based on seasonal variation in Thiruvallur district, Tamil Nadu (Homoptera: Membracidae). *Hexapoda*, 18(2): 144-147.
- N.A. Johnson Amala Justin, R. Maheswaran, **Samuel Tennyson**, V. Raja and S. John William. 2008. Larvicidal activity of botanical essential oils against human filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae). *Hexapoda*, 15(2): 116-117.
- **Samuel Tennyson**, B. Velmurugan, K. Thresia Mathews and S. John William. 2008. Impact of biopesticide azadirachtin on freshwater catfish *Clarias gariepinus* (Burchell). *Pollution Research*, 27(1): 103-106.

#### FULL LENGTH PAPERS - PROCEEDINGS OF CONFERENCE/SYMPOSIA

1. **Samuel Tennyson** and S. John William. 2014. Potentiality of botanicals in sustainable control of mosquitoes (Diptera: Culicidae). In: Achieving Sustainable Development: Our Vision and Mission, Ed. William, S.J. pp. 204-227, Loyola College, Chennai, Tamil Nadu, India.
2. Allen J. Freddy, **Samuel Tennyson**, D. Arul Samraj and Arijit Roy. 2014. Land use land cover change detection using remote sensing and geographical information system in Pathri reserve forest, Uttarakhand, India. In: Contemporary topics in Life Sciences, Ed. Mathur, P.P., pp. 353-365, Narendra Publishing House, Delhi, India.
3. **Samuel Tennyson**, K. John Ravindran and S. John William. 2014. Larvicidal efficacy of *Ageratum houstonianum* Mill. (Asteraceae) leaf extracts against the filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae). In: Biodiversity, Environment and Probiotics, Eds. Ragunathan *et al.*, pp. 77-84, Narendra Publishing House, Delhi, India.
4. **Samuel Tennyson**, M. Jayakumar and S. John William. 2007. *Culex* Mosquito: An Overview. In: Defeating the public enemy, the mosquito: A real challenge, Ed. William, S.J. pp. 95-116, Loyola College, Chennai, Tamil Nadu, India.
5. M. Jayakumar, **Samuel Tennyson** and S. John William. *Aedes*: An ever dangerous enemy in our society. In: Defeating the public enemy, the mosquito: A real challenge, Ed. William, S.J. pp. 205-221, Loyola College, Chennai, Tamil Nadu, India.
6. **Samuel Tennyson**, M. Jayakumar and S. John William. Organic Farming: Boon or Bane. National Seminar on Organic Farming: Trends and Challenges, pp. 57-62, 27<sup>th</sup> & 28<sup>th</sup> September, 2006, Arul Ananthar College, Karumathur, Madurai, Tamil Nadu, India.

## PROJECTS

1. **NNRMS IIRS-ISRO, GOVERNMENT OF INDIA PROJECT (2013):** Land use land cover change detection using remote sensing and geographical information system in Pathri reserve forest, Uttarakhand, India.
2. **STAR COLLEGE INNOVATION PROJECT UNDER STAR COLLEGE SCHEME OF DEPARTMENT OF BIOTECHNOLOGY, GOVERNMENT OF INDIA (2013):** Screening of selected local plants for their repellent activity against mosquitoes.
3. **UGC MINOR PROJECT (2015):** Bio-management of chicken and fish waste using earthworm, *Eudrilus eugeniae* for recycling the nutrients – Co-investigator. Sanction Order No. F MRP-5729/15 (SERO/UGC)

## CONTACT DETAILS

Mobile: +91 9884116135

Email: [samtennyson@gmail.com](mailto:samtennyson@gmail.com)