

Deepthi Yakandawala

PERSONAL DETAILS

Name	Dissanayake Mudiyansele Deepthi Yakandawala (née Dissanayake)
Official Address	Department of Botany, University of Peradeniya Peradeniya, Sri Lanka.
Telephone	+94 (0)81 2394523 (work) +94 (0)81 2232982 (residence)
Email	deepthiy@pdn.ac.lk deepthiyakandawala@gmail.com
Date of Birth	20 th July 1965
Marital Status	Married

ACADEMIC AND PROFESSIONAL QUALIFICATIONS

Primary Education	Hillwood College, Kandy, Sri Lanka (1970 -1975) Mahamaya Girls' College, Kandy, Sri Lanka (1976-1983)
Secondary Education	
Academic Degree Obtained	B.Sc. Special Degree
Subjects	Botany (Principal subject) Chemistry (Subsidiary subject)
Honours	First Class Honours
Date	5 th March 1992
Institute	University of Peradeniya, Peradeniya, Sri Lanka.
Postgraduate Qualifications	Doctor of Philosophy
Field	Molecular Plant Systematics and Phylogenetics
Date	11 th December 1999
Institution	University of Reading, Centre of Plant Diversity and Systematics, United Kingdom.

CAREER PROFILE

CURRENT POSITION	Senior Professor of Botany Head/Department of Botany, University of Peradeniya
Temporary Teaching Assistant	Department of Botany, University of Peradeniya April 1992-April 1994
Lecturer (Probationary)	Department of Botany, University of Peradeniya May 1993-December 1999
Senior Lecturer I and II	Department of Botany, University of Peradeniya December 1999 – 22 February 2008
Professor of Botany	22 nd February 2008 – 22 nd February 2016

OTHER

Teaching Assistant	Department of Botany, University of Reading, England September 1997 – September 1999
Visiting Scientist	CSIRO, Queensland Bioscience Precinct, St Lucia QLD 4067, Australia June 2009 – December 2009
Visiting Fulbright Professor	Carnegie Museum of Natural History, Section Botany, Pittsburgh, USA January 2010-June 2010
Visiting Lecturer	Post Graduate Institute of Science, University of Peradeniya (2000 – todate) Post Graduate Institute of Agriculture, University of Peradeniya (2005 – todate) Department of Botany, University of Colombo, Colombo (2002 – 2006) Department of Zoology, University of Colombo, Colombo (2003 - 2005) Department of Biological Sciences, Rajarata University of Sri Lanka (2004 -2006) The Graduate-ship Programme in Chemistry conducted by the College of Chemical Sciences, Institute of Chemistry, Sri Lanka (2005) Department of Botany, University of Sri Jayewardhanapura, Colombo (2014)

POSITIONS HELD IN THE UNIVERSITY AND ELSE WHERE

Member	Board of Study in Plant Sciences, Post Graduate Institute of Science, University of Peradeniya. April 2002 – May 2009
Member	Board of Study Biochemistry and Molecular Biology, Post Graduate Institute of Science, University of Peradeniya. April 2002 – May 2009
Member	Coordinating Committee, Post Graduate Institute of Science, University of Peradeniya. May 2004 – May 2009
Secretary	Board of Study in Plant Sciences, Post Graduate Institute of Science, University of Peradeniya. May 2004 – May 2009
Program Co-coordinator	M.Sc. in Experimental Biotechnology, Post Graduate Institute of Science, University of Peradeniya 2002/2003 & 2004/2005
Program Coordinator	Food Science, Supplementary Course, University of Peradeniya (September 2002 – 2004)
Senior Student Counselor	Faculty of Science, University of Peradeniya 2002 – 2006
Senior Treasurer	Botanical Society, University of Peradeniya 2008-09
Member	Biodiversity Conservation of Sri Lanka – A frame work for Action, Ministry of Environment and Natural Resources (2004)
Member	Technical Evaluation Committee, Central Environmental Authority (CEA) Provincial Office – Kandy (2007-2009) Provincial Office - Kegalle (2007-2009) Head Office – Colombo (Uma Oya Project)

Member	Expert committee on the discrepancy of the national flower of Sri Lanka 2012
Member	Senate Research Committee, University of Peradeniya, April, 2011-January 2015
Chairperson	Working group for the revision of the draft Sri Lanka standard Botanical nomenclature for Spices and Condiments, Sri Lanka Standard Institute, Colombo (2014)
Chairperson	Faculty Research Committee (Science), University of Peradeniya, April 2011 – January 2015
Chairperson	Chairperson/Committee for Research Allowances/Faculty of Science, University of Peradeniya, December 2011 – January 2015
Chairperson	Peradeniya University International Research Sessions iPURSE 2014 – Organizing Committee
Member	Editorial Board, Ceylon Journal of Science (Biological Science), University of Peradeniya, 2007 – 2016

Current positions

Member	National Species Conservation Advisory Group (NSCAG) Ministry of Environment, Environment Division : Biodiversity Secretariat (2002 – todate)
Member	Expert Group, National Red-listing of Flora and Fauna, Biodiversity Secretariat, Ministry of Environment and IUCN, Sri Lanka 2006 and 2011
Member	Senate, University of Peradeniya, 2008 - todate
Member	Senate Library Committee, University of Peradeniya, 2011 todate
Chairperson	Working group for revisiting the Botanical name of Ceylon Cinnamon, Ministry of Minor Export Crop Promotion, Sri Lanka (2014)
Member:	Research Council of the National Institute of Fundamental Studies, Hantana, Sri Lanka
Member	Board of Study in Plant Sciences, Post Graduate Institute of Science, University of Peradeniya. November 2016

AWARDS

University of Peradeniya Scholarship - 1992
 Commonwealth Post Graduate Scholarship (UK) – 1996
 Endeavor Research Fellowship. Australian Education International, Australian Government - 2009
 Fulbright Advanced Research and Lecturing Awards, Fulbright Commission, USA - 2009-2010
 Presidential Awards for Scientific Research - 2007
 Presidential Awards for Scientific Research - 2008
 Presidential Awards for Scientific Research – 2009

Presidential Awards for Scientific Research – 2010
NRC Merit Award for Scientific Publication - 2014

RESOURCE PERSON/COORDINATOR IN WORKSHOPS

LOCAL

Resource person	Training Programme in 'Methods in Basic Plant Taxonomy', Department of Botany, in collaboration with the Postgraduate Institute of Science, University of Peradeniya, 13 - 16 th January, 2000.
Coordinator	Workshop on 'Plant Systematics', Department of Botany, in collaboration with the Board of Study in Plant Sciences, Postgraduate Institute of Science; Royal Botanic Gardens, Peradeniya and the Department of Ecology and Biodiversity, University of Hong Kong, Hong Kong. 23 - 26 th June, 2000.
Resource person	
Resource person	'Regional Training Programme in Herbarium Techniques and Management', National Herbarium, Royal Botanic Gardens, Peradeniya. 15 th October - 2 nd November, 2001.
Resource person	National workshop on discussions in compiling a project proposal on "In situ Conservation of Crop wild relatives", Through Enhanced Information Management and Field Application at The Plant Genetic Resource Centre, Gannoruwa, 27 – 29 th June, 2001.
Resource person	
Resource person	'Conservation International's Ecosystem Profile for the Sri Lanka component of the Western Ghats Sri Lanka Biodiversity Hotspot' conducted by the Ecosystem Profile Development Committee to secure funds, 18 th June 2003, at the Sri Lanka Foundation Institute.
Coordinator	Workshop on 'Plant Systematics-Angiosperms', Department of Botany, in collaboration with the National Herbarium, Royal Botanic Gardens, Peradeniya; Postgraduate Institute of Science and the Ministry of Environment and Natural Resources, 1 st - 3 rd December, 2004.
Resource person	
Resource person	"Identification of aquatic plants of Sri Lanka" - Workshop for ornamental aquatic plant growers of Sri Lanka, Sri Lanka Association for Fisheries and Aquatic Resources (SLAFAR) in collaboration with the Wayamba University of Sri Lanka, 7 th April 2011.
Coordinator	Workshop on 'Plant Molecular Systematics' Hosted by the Department of National Botanic Gardens in collaboration with the Biodiversity Secretariat, Ministry of Environment, University of Peradeniya and University of Colombo. 4 th -8 th March 2013
International workshops	
Resource person	International workshop on 'Plant Molecular Systematics', Plant Systematics Research Centre, University of Bhagalpur, Bhagalpur, India, 11-16 th February, 2007.

RESEARCH PUBLICATIONS

Research publications in Refereed Journals

Morton, C.M., Dayanandan, S. and **Dissanayake, D.** (1999). Phylogeny and biosystematics of the *Pseudomonotes* (Dipterocarpaceae) based on molecular and morphological data. *Plant Systematics and Evolution*. 216: 197-205.

Yakandawala, D., Morton, C.M. and Prance, G.T. (2001). A phylogenetic study of the Chrysobalanaceae using morphological data. *Ceylon Journal of Science* (Biological Science) 28: 1-17.

Dilhan, M.A.A.B., **Yakandawala, D.**, Gunatilleka, C.V.S. and Bambaradeniya, C.N.B.(2002). Structure and composition of Scrubland vegetation in the lower Walawe basin irrigation extension area in Sri Lanka. *Ceylon Journal of Science* (Biological Science) 30: 105-125.

Yakandawala, D.M.D. and Rubasinghe, S.C.K. (2003). Re-evaluation of species limits of *Hortonia* (Monimiaceae) based on empirical methods. *Ceylon Journal of Science* (Biological Science) 31: 13-28.

Ratnatilaka Asoka, **Yakandawala Deepthi**, Ratnayake Janaka and Sugathadasa Samantha (2003). Poisoning of “Hondala” due to misidentification as “Passion fruit” leaves. *The Ceylon Medical Journal - Sri Lanka*. 48 (1): 23.

Yakandawala, D.M.D., Sirisena, U.M. and Dassanayake, M.D. (2004). Determination of different *Juncus* (Juncaceae) species that occur in Sri Lanka. *Ceylon Journal of Science* (Biological Science) 33: 67-76.

Yakandawala, D.M.D., Sirisena, U.M. and Dassanayake, M.D. (2004). Two new records of *Juncus* species (Rush family - Juncaceae) in Sri Lanka. *Ceylon Journal of Science* (Biological Science) 33: 33-44.

Yakandawala, D.M.D. and Samarakoon, T.M. (2006). An empirical study on the taxonomy of *Crinum zeylanicum* (L.)L. and *Crinum latifolium* L.. *Ceylon Journal of Science* (Biological Science) 35 (1): 53-72.

Perera, P.I.P., Hoher, V., Verdiil, J.L., Doulebeau, S., **Yakandawala, D.M.D.** and Weerakoon, L.K. (2007). Unfertilized ovary: a novel explant for coconut (*Cocos nucifera* L.) somatic embryogenesis. *Plant Cell Reports* 26: 21-28.

Rubasinghe, S.C.K., **Yakandawala, D.M.D.** and Wijesundara, D.S.A. (2007). Morphometric analysis of the endemic genus *Stemonoporus* Thw. (Dipterocarpaceae) using morphological data: re-evaluation of species limits. *Ceylon Journal of Science* (Biological Science) 36 (1): 17-34.

Yakandawala Deepthi and Yakandawala Kapila (2007). *Mecardonia procumbens* (Mill.) Small: A new genus to the Sri Lankan Scrophulariaceae Juss. *Ceylon Journal of Science* (Biological Science) 36 (1): 61-64.

Yakandawala Deepthi and Peabotuwage Indika (2007). ‘Tel-olu’ – is it really an ‘Olu’? *Ceylon Journal of*

Science (Biological Science) 36 (2): 89-100.

Yakandawala, D.M.D. and Gunathileke, L.A.A.H. (2008). Phylogenetic relationships of *Gordonia* species (Theaceae) that are endemic to Sri Lanka. *Journal of National Science Foundation of Sri Lanka* 36 (1): 51-58.

Perera, P.I.P., Hoher, V., Verdiil, J.L., Bandupriya, H. D. D., **Yakandawala, D.M.D.** and Weerakoon, L.K. (2008). Androgenic potential in coconut (*Cocos nucifera* L.). *Plant Cell, Tissue and Organ Culture* 92:293-302.

Rubasinghe, S.C.K., **Yakandawala, D.M.D.** and Wijesundara, D.S.A. (2008). Phylogenetics of the endemic genus *Stemenoporus* Thw. (Dipterocarpaceae). *Journal of National Science Foundation of Sri Lanka* 36 (4): 281-297.

Perera, P.I.P., Hoher, V., Verdiil, J.L., **Yakandawala, D.M.D.** and Weerakoon, L.K. (2008). Use of SSR markers to determine the anther-derived homozygous lines in coconut. *Plant Cell Reports* 27:1697–1703

Perera P I P, **Yakandawala, D.M.D.**, Verdeil, J-L., Hoher, V. and Weerakoon L. K. (2008). Somatic embryogenesis and plant regeneration in unfertilised ovary explants of coconut (*Cocos nucifera* L.). *Journal of Tropical Agricultural Research* 20:226-233

Perera, P.I.P., **Yakandawala, D.M.D.** Hoher, V., Verdiil, J.L., and Weerakoon, L.K. (2009). Effect of growth regulators on microscope embryogenesis in coconut anthers. *Plant Cell, Tissue and Organ Culture* 96:171-180.

Perera, P.I.P., Hoher, V., Weerakoon, L.K., **Yakandawala, D.M.D.**, and Verdiil, J.L. (2009). Feasibility of using the expression of the retinoblastoma gene as a marker for assessing the embryonic potential of coconut ovary culture. *Code* 25 (1): 34-45.

Perera, P.I.P., Vidhanarachchi, V. R. M., Gunathilake, T. R., **Yakandawala, D. M. D.**, Hoher, V., Verdeil, J-L., and Weerakoon L. K. (2009). Effect of plant growth regulators on ovary culture of coconut (*Cocos nucifera* L.) *Plant Cell Tissue and Organ Culture* DOI: 10.1007/s11240-009-9577-z

Gunawardhana, P. L. T., Senevirathna, A.M.W.K., Adikaram, N.K.B. and **Yakandawala, D.M.D.** (2009). A Phenetic Analysis of *Colletotrichum gloeosporioides* (Penz.) Penz. & Sacc. Isolates of some Selected Host Plants. *Ceylon Journal of Science (Biological Science)* 38 (2): 57-66.

Perera, P.I.P., **Yakandawala, D.M.D.**, Verdeil, J-L., Hoher, V. and Weerakoon L. K. (2010). Morphological aspects of coconut anther culture *Journal of the National Science Foundation of Sri Lanka* 38 (1): 69-74.

Perera, P.I.P., Hoher, V., Weerakoon L. K., **Yakandawala, D. M. D.**, Fernando, S.C. and Verdeil, J-L. (2010). Early inflorescence and floral development in *Cocos nucifera* L. (Arecaceae: Arecoideae). *South African Journal of Botany*. 76 (3): 482–492

Yakandawala, D., C.M. Morton and G.T. Prance. (2010). Phylogenetic Relationships of the Chrysobalanaceae Inferred from Chloroplast, Nuclear, and Morphological Data. *Annals of Missouri Botanical Gardens* 97:259 -281. doi: <http://dx.doi.org/10.3417/2007175>

Ratnatilaka Asoka, **Yakandawala Deepthi**, Rupasinghe, Nihal and Kapila Ratnayake (2010). Poisoning of Binthamburu (*Ipomoea asarifolia*) due to misidentification as “kankun” (*Ipomoea aquatica*) *The Ceylon Medical Journal* 55 (2): 54-56.

Yakandawala Deepthi and Yakandawala Kapila (2011). Hybridization between natives and invasive aliens: an overlooked threat to the biodiversity of Sri Lanka. *Ceylon Journal of Science* 40 (1): 13-23.

Adikaram, N.K.B., Vithanage, I.S.K. and **Yakandawala Deepthi** (2013). New rust diseases in three ornamental plant species in Sri Lanka. *Tropical Agriculturist*, Vol. 161: 53-55.

Yakandawala Deepthi, Yakandawala Kapila, Sathurusinghe Anura and Gunasekara Samantha. (2013). Is the blooming ornamental aquatic plant industry a threat to the biodiversity of Sri Lanka? *The Sri Lanka Forester* 35 (New Series) Special issue: 1-108

Karunarathne Piyal, **Yankandawala Deepthi** and Samaraweera, Preminda (2014). On the occurrence of a new variety of *Amomum villosum* (Family Zingiberaceae) in Central Hills of Sri Lanka. *Phytotaxa*. <http://dx.doi.org/10.11646/phytotaxa.00.0.0>

Ileperuma Viyanga, Udage Savithri, **Yakandawala Deepthi**, Jayasinghe, Lalith, Kumar, N. Savitri and Ratnatilleke, Asoka (2015). Does the ingestion of plants from a phenetic group with idioblasts of medicinally important *Monochoria* (‘Diyahabarala’) cause hepatotoxicity? *Ceylon Medical Journal* 60:28-30

Adikaram Nimal, Chathurika Karunanayake, Ganga Sinniah, Ishani Komala Vithanage and Deepthi Yakandawala (2015). Fungal quiescence in fruit: an attempt to avoid toxic substances? *Journal of Mycopathological Research* 53(1): 1-7

Karunarathne Piyal, **Yankandawala Deepthi** and Samaraweera Preminda (2015). Important Notes on the Identity of *Alpinia fax* Taiwan 60(4):195–198, 2015. DOI: 10.6165/tai.2015.60.195

Marasinghe, M.M.P.C., Mawalagedera, S.M.U.P., Ishan, M., Dunuwille, S.W.M.B., Janaththani, P., Dayananda, A.G.M.L.K., Weebadde, C.K., **Yakandawala, D.M.D.** and Sooriyapathirana, S.D.S.S. (2016). DNA Based Authentication of *Solanum melongena* var. *insanum* (V. Elabatu) roots in herbal medicine market to circumvent the use of noxious adulterant, *Solanum melongena* (V. Eggplant) roots *Journal of Science Eastern University of Sri Lanka* 7: 34-54

Manawaduge Chapa G., **Yakandawala Deepthi** and Les Donald H. (2016). A reappraisal of leaf morphology in *Aponogeton natans* (Aponogetonaceae) *Phytotaxa* 265 (1): 095–097. <http://www.mapress.com/j/pt/>

Chathurangani, D., Yakandawala, K., and **Yakandawala, D.** (2016). A study on competition between *Hydrilla verticillata* and *Mayaca fluviatilis*. *Journal of Environmental Professionals Sri Lanka* 5 (1) – 11-22

Manawaduge Chapa G., **Yakandawala Deepthi** and Les Donald H. (2016). Morphometric analysis reveals a new species of *Aponogeton* (Aponogetonaceae) in Sri Lanka. *Phytotaxa* 275 (3): 243–262
<http://www.mapress.com/j/pt/>

Guruge, D.P.G.S. K., **Yakandawala, D.** and Yakandawala, K. (2016). Confirming the identity of newly recorded *Nymphaea rubra* Roxb. ex Andrews discerning from *Nymphaea pubescens* Willd. using morphometrics and molecular sequence analyses. *Bangladesh Journal of Plant Taxonomy*. 23(2): 107-117
<http://dx.doi.org/10.3329/bjpt.v23i2.30819>

Adikaram, N. K. B. and Yakandawala, D.M.D. (2016). Brown patch disease of Zoysia turfgrass (*Zoysia matrella* (L.) Merr.) caused by *Rhizoctonia solani* Kühn. *J. Mycopathol. Res.* 54(4) : 523-526.

Ariyaratne, W. A. M. P., **Yakandawala, Deepthi**, Mary Samuel, Rosabelle, and Wijesundara, Siril (2017). Evaluating the occurrence and conservation statuses of Sri Lankan Orchids (Orchidaceae): Observations on newly recorded species and undocumented regions. *Phytotaxa* (in press).

Ariyaratne, W. A. M. P., **Yakandawala, Deepthi**, Mary Samuel, Rosabelle, and Wijesundara, Siril (2017). Evaluating the occurrence and conservation status of Sri Lankan Anacardiaceae species. *Ceylon Journal of Science* (in press).

Guruge Shashika, **Yakandawala Deepthi** and Yakandawala Kapila. A taxonomic synopsis of *Nymphaea nouchali* Burm. f. and infraspecific taxa. *The Journal of the National Science Foundation, Sri Lanka* (in press).

Yakandawala Deepthi, Guruge Shashika and Yakandawala Kapila. The identity of the violet flowered water lily (Nymphaeaceae) and its hybrid origin in the wetland ecosystems of Sri Lanka. *The Journal of the National Science Foundation, Sri Lanka* (in press).

Udage Savithri Sarojani and **Yakandawala Deepthi**. Morphometric analysis of the genus *Monochoria* (Pontederiaceae) in Sri Lanka. *Bangladesh Journal of Plant Taxonomy* (in press).

Review articles

Yakandawala, Deepthi (2006). Recent developments in angiosperm phylogeny and classification in the light of molecular data and cladistics. *Journal of National Science Foundation of Sri Lanka* **34** (4): 177-187.

Book Chapters

Yakandawala, Deepthi (2004). Plant Molecular Systematics and Angiosperm Phylogeny. In *Molecular Systematics*, Ed. S.J. Britto. The Rapinat Herbarium & Centre for Molecular Systematics, Tiruchirappalli, India

Yakandawala, Deepthi (2012). Present Status of Fresh Water Aquatic Flora in Sri Lanka. In: *The National Red List 2012 of Sri Lanka; Conservation Status of the Fauna and Flora*. Weerakoon, D.K. & S. Wijesundara Eds., Ministry of Environment, Colombo, Sri Lanka. 186-196 pp

Books

Yakandawala Deepthi (2015). Aquatic Plants in Sri Lanka. In Sarala Fernando (Ed.). A Heritage of Water. Published by Sarala Fernando & Luxshmanan Nadaraja, 2016 , PWGS Printers (Singapore) Pvt. Ltd. pp 228.

Yakandawala, Kapila and Yakandawala, Deepthi (2014). 'The National Flower of Sri Lanka - Nil Manel'. Water Mark, Mawathagama. ISBN 978-955-41322-0-7

Proceedings in conferences/symposiums – FULL PAPERS

Perera, P.I.P., Hoher, V., Verdiil, J.L., **Yakandawala, D.M.D.** and Weerakoon, L.K. (2006). Recent advances in anther culture of coconut (*Cocos nucifera* L). In: Xu Z, Li J, Xue Y, Yang W (Eds.). Biotechnology and sustainable agriculture 2006 and beyond. Proceedings of the 11th IAPTC&B Congress August 13-18, 2006, Beijing, China, Pp. 451-456.

Yakandawala, Deepthi and Yakandawala, Kapila (2007). Ornamental Aquatics: Potential Weeds in Aquatic Ecosystems. In: Marambe, B., Sangakkara, U.R., De Costa, and Abeysekara, A.S.K. (Eds). 21st Asian Pacific Weed Science Society (APWSS) Conference, 2-6th October 2007, Colombo, Sri Lanka, Pp. 522-525.

Yakandawala, Deepthi and Yakandawala, Kapila (2008). Taxonomy, conservation and landscape potential of *Crinum zeylanicum* (L.) L.. Proceedings of Aries Kovoov Memorial symposium: Innovations in plant science through multidisciplinary research., March 3, 2008, IFS, Kandy, Sri Lanka *Pragna* Special issue, **XIX** (1) Pp 73-78.

Perera, P.I.P., Hoher, V., Verdiil, J.L., **Yakandawala, D.M.D.** and Weerakoon, L.K. (2008). Generation of double haploid coconut (*Cocos nucifera* L.) plants *via* anther culture. Proceedings of Aries Kovoov Memorial symposium: Innovations in plant science through multidisciplinary research., March 3, 2008, IFS, Kandy, Sri Lanka *Pragna* Special issue, **XIX** (1) Pp 35-39.

Perera, P.I.P., **Yakandawala, D.M.D.** Hoher, V., Verdiil, J.L., and Weerakoon, L.K. (2008). Variations among Anthers and their Orientation during *in vitro* culture for inducing androgenesis in coconut. In: Proceedings of the Second Symposium on Plantation Crop Research - Export Competitiveness through Quality Improvements. (Eds. N.P.A.D. Nainanayake and J.M.D.T. Everard.) Coconut Research Institute, Lunuwila, Sri Lanka. pp104 – 110.

Yakandawala Deepthi (2014). Molecular techniques in handling biological invasions. Proceedings of the National Symposium on Invasive Alien Species (IAS 2014). Organized by the GEF/UNDP IAS project, Ministry of Environment and Renewable Energy and Department of Botany, University of Kelaniya, 27th November 2014, Sri Lanka Foundation Institute, Colombo.

Udage, Savithri and **Yakandawala, Deepthi** (2016). Molecular characterization and phylogeny of phenetic

groups of *Monochoria vaginalis* (Burm.f.) based on trnH-psbA gene region. Proceedings of the South Asian Symposium on Sustainable Environment Management. (Eds. W.A.P. Weerakkody, L.D.B. Suriyagoda, S.M.M.R. Mawalagedera and S.P. Nissanka). 17-18th March 2016 at the Agric Biotechnology Center of the University of Peradeniya, Peradeniya, Sri Lanka.

Published in abstract form (Presentations at conferences, meetings of Professional associations etc;.)

Dissanayake, D.M.D. and Balasubramaniam, S. (1995). A preliminary study of secondary metabolites in selected families. Proceeding of the 51st Annual Sessions of the Sri Lanka Association for the Advancement of Science, Colombo, Pp. 255-256.

Dissanayake, D.M.D. and Wijepala, W.A.M. (1996). Morphological diversity of trichomes in the genus *Thunbergia*, Family Acanthaceae. Proceeding of Proceeding of the 52nd Annual Sessions of the Sri Lanka Association for the Advancement of Science, Colombo, Pp. 127-128.

Dilhan, M.A.A.B., Bambaradeniya, C.N.B., Gunatilleka, C.V.S., **Yakandawala, D.** and Amarasinghe, F.P. (2001). The structure and Composition of natural vegetation types in lower Walawe basin irrigation extension area. Proceedings of the Seventh Annual Forestry and Environment Symposium 2001 of the Department of Forestry and Environmental Science, University of Sri Jayewardenepura, Sri Lanka, Pp. 12.

Wijesinghe, D. S., **Yakandawala, D.** and Wijesundara, S. (2001). A preliminary investigation on the species delimitation of the genus *Stemonoporus*. Proceeding of The 57th Annual Sessions of the Sri Lanka Association for the Advancement of Science, Colombo, Pp.173.

Dilhan, M.A.A.B., **Yakandawala, D.M.D.**, Gunatilleka, C.V.S. and Bambaradeniya, C.N.B. (2002). Structure and composition of secondary vegetation in an abandoned shifting cultivation in the lower Walawe basin irrigation extension area. Proceedings of the Twenty-Second Sessions. 2002. Institute of Biology, University of Colombo, Sri Lanka, Pp. 45-46.

Rubasinghe, S.C.K. and **Yakandawala, D.M.D.** (2002). Species delimitation of *Hortonia* (Monimiaceae) using morphological data. Proceeding of the Annual Research sessions, University of Peradeniya, Vol. 7. Nov. 2002, Pp.112.

Yakandawala, D.M.D. and Rubasinghe, S.C.K.(2002). Biodiversity of *Hortonia*.. Proceeding of the Annual Research Sessions, University of Peradeniya, Vol. 7. Nov. 2002, Pp. 113.

Rubasinghe, S.C.K. and **Yakandawala, D.M.D.** (2002). An assessment of species delimitation of *Hortonia* (Monimiaceae) using a large number of morphological data. Proceeding of the 58th Annual Sessions of the Sri Lanka Association for the Advancement of Science, Colombo, Pp. 171.

Gamage, D.W. and **Yakandawala, D.M.D.** (2003). Morphological diversity of epidermal hairs in the genus *Ipomoea* (Convolvulaceae). Proceeding of the Peradeniya University Research Sessions, Sri Lanka. Vol. 8.

October 23, 2003, Pp. 154.

Dilhan, M.A.A.B., **Yakandawala, D.M.D.**, Bambaradeniya, C.N.B. and Gunatilleka, C.V.S. (2003). Comparison of Floristic Composition and Diversity of three vegetation types in the lower Walawe basin. Proceeding of the Peradeniya University Research Sessions, Sri Lanka. Vol. 8. October 23, 2003, Pp. 147.

Samarakoon, T.M. and **Yakandawala, D.M.D.** (2004). Species delimitations of *Crinum latifolium* and *Crinum zeylanicum* (Goda -Manel). Proceeding of the 60th Annual Sessions of the Sri Lanka Association for the Advancement of Science, Pp.158.

Sirisena, U.M. and **Yakandawala, D.M.D.** (2004). Re-evaluation of the different species of *Juncus* (Juncaceae) that occur in Sri Lanka. Proceeding of the 60th Annual Sessions of the Sri Lanka Association for the Advancement of Science, Pp.159.

Dilhan, M.A.A.B., Samarawickrama, V.A.M.P.K., Ranawana, K.B., Gunatilleka, I.A.U.N., Gunatilleka, C.V.S. and **Yakandawala, D.M.D.** (2004). Herpetofaunal diversity in the Biligiri Rangaswamy Temple Wildlife sanctuary, Karnataka, India. Proceedings and abstracts of The Peradeniya University Research Sessions, PURSE – 2004, Pp.123.

Rajapakse, C. P., and **Yakandawala, D.M.D.** (2004). A statistical analysis of the vegetative characters of Sri Lankan *Asparagus* (Asparagaceae). Proceedings and abstracts of The Peradeniya University Research Sessions, PURSE – 2004, Pp.135.

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Weerakoon W.A.P, Jha Neerja, Jayasena, H. A. H., Joshi Harinam, **Yakandawala Deepthi**, Chandrajith Rohana, Ratnayake Nalin, and Aggarwal Neha (2017). Palynofacies based depositional environments in Tabbowa Jurassic beds, Sri Lanka. *Proceedings of the 33rd Technical Session of Geological Society of Sri Lanka*, 24th February 2017 .

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Yakandawala, K. and Yakandawala, D.M.D. (2015). Devils in disguise: Exotic Ornamental aquatics in the wet zone of Sri Lanka. Wetland Sri Lanka. Central Environmental Authority, Sri Lanka. Pp 1-9.

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DOCUMENTARY ORATIONS AT RECOGNIZED NATIONAL, ACADEMIC OR PROFESSIONAL BODIES

Local :

'Recent Developments in Plant Systematics with special reference to molecular data'
Institute of Fundamental Studies, Hantana, 1st March 2000.

'Resurrection of Plant Systematics in the light of Molecular data and Cladistics', Institute of Biology, Sri Lanka. 1st February 2001.

'Taxonomy and Ecological status of *Stemnoporus*': National Workshop on Current Status of Higher Plants in Sri Lanka. Ministry of Environment and Natural Resources, Protected Area Management and Wildlife Conservation Project in Collaboration with Royal Botanic Gardens, Peradeniya. Plant Genetic Recourse Centre (PGRC). 31st March 2005.

'Taxonomy of true Cinnamon': Workshop on 'Taxonomy of Cinnamon and its implications for Trade' SLAAS Section B in collaboration with Royal Botanical Gardens and Department of Export Agriculture. National Herbarium, Royal Botanical Gardens, Peradeniya, 11th July 2007.

'The imposter still reigns'- The truth behind the national flower of Sri Lanka.

Botanical Society, University of Peradeniya, Peradeniya. 6th April 2011.

‘The imposter still reigns’ -The truth behind the National Flower of Sri Lanka.

Invited for a guest lecture at the 17th Annual Scientific Sessions of the Sri Lanka Association for Fisheries and Aquatic Resources (SLAFAR), 19th May 2011.

‘Molecular techniques in handling biological invasions’.

Chairperson Speech: National Symposium on Invasive Alien Species (IAS 2014). Organized by the GEF/UNDP IAS project, Ministry of Environment and Renewable Energy and Department of Botany, University of Kelaniya, 27th November 2014, Sri Lanka Foundation Institute, Colombo.

“Phylogenetics and a Complete Taxonomist”

Plenary Lecturer I: Proceedings of the Symposium Understanding and Conserving Biodiversity: The use of Ecological, Phylogenetic and Evolutionary Relationships, 26th May 2017. Organized by the Biodiversity Secretariat, Ministry of Mahaweli Development and Environment in collaboration with the Institute of Biology Sri Lanka, SLIDA, Malalasekara Mawatha, Colombo 7.

International

Lead Lecture : XXVI Annual Conference of Indian Association for Angiosperm Taxonomy and International Seminar on Conservation and Sustainable Utilization of Biodiversity, 7th – 9th November 2016 at Kolhapur, Maharashtra, India.

MAJOR GRANTS SECURED:

Completed:

National Science Foundation of Sri Lanka (NSF) 2002

Title: The Structure and Floristic Composition of the Vegetation Types in the Left Bank of the Main Canal of the Walawe Basin Irrigation Extension Area in Sri Lanka

Amount : Rs. 702,517.25

International Foundation for Science (Sweden) IFS 2003

Title: Biodiversity and conservation studies of the endemic genus *Stemonoporus* (family Dipterocarpaceae)

Amount: 63, 004 SEK (~ US \$ 11,000) (Equipments and chemicals)

National Science Foundation of Sri Lanka (NSF), 2003

Title: Biodiversity and conservation studies of the endemic genus *Stemonoporus* (family Dipterocarpaceae)

Amount :Rs. 784,280 (RA and Travel)

Council for Agricultural and Research Policy (CARP) 2004

Title: Phylogenetic relationships of the genus *Cinnamomum* and the characterization of different Cinnamon accessions in cultivation

Amount: Rs. 1,428,520 (Chemicals and RA)

National Science Foundation of Sri Lanka (NSF), 2004

Title: Phylogenetic relationships of the genus *Cinnamomum* and the characterization of different Cinnamon accessions in cultivation for the enrichment of biodiversity of Sri Lanka

Amount: Rs: 608,200.00 (Travel and TA)

National Research Council (NRC) - 2005

Title: Species limitations and phylogenetic studies of the genus *Stemonoporus*.

Amount: 2,346,766.20.

Biodiversity Secretariat, Ministry of Environment and Natural Resources

Title: Species limits of *Nymphaea* L. (Nymphaeaceae Salisb.) occurring in Sri Lanka.

Amount: 200,000.00

National Science Foundation of Sri Lanka (NSF) - 2007

Title: Taxonomy and Phylogenetic relationships of some selected endemic genera *Amomum* and *Alpinia* (Zingiberaceae)

Amount: Rs. 2,261,682

National Science Foundation of Sri Lanka (NSF) - 2011

Title: Taxonomic study on *Nymphaea nouchali* Burm.f. and the identification of hybrid taxa using molecular data

Amount: Rs. 2,407,322

On-going:

National Research Council (NRC) 2012 (Principal Investigator)

Title: Chromosome evolution of the endemic species of Sri Lanka with emphasis on families Anacardiaceae, Ebenaceae, Orchidaceae and Zingiberaceae.

Amount: Rs. 6,478,311.00 (In Collaboration with the University of Vienna, Austria and Royal Botanic Gardens Peradeniya, Sri Lanka)

University Research Grants - 2014

Title : Molecular characterization of *Colletotrichum* species causing anthracnose disease in some cultivated fruit species in Sri Lanka.

Amount: Rs. 966,000.00 (Collaborator)

University Research Grants – 2014

Title : Phylogeny and Systematics of *Aponogeton* (Aponogetonaceae): The Sri Lankan Species

Amount: 1,706,000.00

POST GRADUATE STUDENTS SUPERVISED

Degree of Doctor of Philosophy

P.I.P. Perera (Co-supervisor)
Title: "Studies on Haploid Culture of Coconut"
Institute: PGIS, University of Peradeniya
Degree awarded: Ph.D. - 2008

Udani Sirisena (Co-supervisor-External)
Title: "Systematic studies on *Thysanotus* R.Br.
(Asparagales:Lazmanniaceae)"
Institute: The University of Adelaide, Australia.
Degree awarded: Ph.D. - 2010

Anuradha Gunathilake (Co-supervisor)
Title: Phylogenetics relationships of *Gordonia* (Theaceae)
Institute: The University of Miami, USA
Degree: Ph.D.

MAB Ranatunga (Co-supervisor)
Title: Assembling of core collection of tea germplasm of Sri Lanka
Institute: PGIS, University of Peradeniya
Degree: Ph.D. (Thesis submitted October 2016)

W. A. M. P. Ariyaratne (Principal supervisor)
Title: Chromosome evolution of the endemic species of Sri Lanka
with emphasis on families (Anacardiaceae, Orchidaceae)
Institute: PGIS, University of Peradeniya
Degree: Ph.D. (Thesis writing)

Degree of Master of Philosophy

M.A.A.B. Dilhan (Co - supervisor)
Title: "Vegetation structure and floristic composition in the irrigation
extension area of the Lower Walawe Basin, Sri Lanka"
Institute: PGIS, University of Peradeniya
Degree awarded : M. Phil. – 2005

S.C.K. Rubasinghe (Principal supervisor)
Title: "Biodiversity and conservation studies of the endemic genus
Stemonoporus (family Dipterocarpaceae)"
Institute: PGIS, University of Peradeniya
Degree awarded: M.Phil. – 2007

Piyal Karunaratne (Principal supervisor)
Title: Taxonomy and Phylogenetic relationships of some selected
endemic genera *Amomum* and *Alpinia* (Zingiberaceae)
Institute: PGIS, University of Peradeniya
Degree awarded : M.Phil. – 2014

D.P.G.S. Kumudumali (Principal supervisor)

Title: Taxonomic study on *Nymphaea nouchali* Burm.f. and the identification of hybrid taxa using molecular data

Institute: PGIS, University of Peradeniya

Degree awarded : M.Phil. – 2017