



Department of Botany
Faculty of Science / University of Peradeniya



Prof. Sumudu. C. K. Rubasinghe

B.Sc.(Perad.), M.Phil. (Perad.), Ph.D. (Edinburgh, UK)

Head of the Department / Professor in Botany

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About Me

Joined the Department in 2006 as a Lecturer (Probationary) and proceeded to the University of Edinburgh, United Kingdom in September 2007. Awarded with the PhD in Plant Molecular Phylogenetics and Taxonomy. Returned to the Department in 2011 as the first trained bryophyte systematist of Sri Lanka. Initiated research on taxonomy, biogeography and molecular phylogenetics of Sri Lankan bryophytes. Teaching expands in the fields of plant diversity, phytogeography, evolution and diversity of cryptogrammic plants, angiosperm morphology and anatomy and analytical methods in molecular biological sciences.

Higher Education Qualifications

🎓 **PhD**

University of Edinburgh
UK
(2011)

🎓 **MPhil**

University of Peradeniya,
Postgraduate Institute of Science,
University of Peradeniya
Sri Lanka
(2007)

🎓 **BSc**

University of Peradeniya
Sri Lanka
(2002)

Awards, Scholarships, Memberships & Fellowships



Sri Lanka Association for the Advancement of Science Sri Lanka (SLASS)



British Bryological Society



Systematics Association



NRC Merit award for scientific publication – 2014



Darwin Trust Postgraduate Research Scholarship Edinburgh, U.K. 2007 – 2010



FWG Main Grant for Postgraduate Study and Research, U.K. 2010 – 2011



University of Peradeniya Scholarship 2002



Professor M.D. Dassanayake Gold Medal in Botany 2002

Positions Held



Secretary, Board of Study in Plant Sciences



Senior Student Counselor



Secretary, Science Teachers' Association, University of Peradeniya (UPSTA)



Member, Board of Study in Plant Sciences








Member, Faculty Web Committee, University of Peradeniya



Senior Treasurer, Botanical Society, University of Peradeniya




My Teachings

-  BT202: Plant Diversity II
-  BT205: Angiosperm Morphology and Anatomy
-  BT301: Analytical Methods
-  BT417: Phytogeography
-  BT418: Evolution and Diversity of Cryptogamic Plants


Research Interests (Research Fields/ Projects)

Plant Molecular Systematics and Taxonomy, Biogeography, Bryology, Biomonitoring, Climate Change, Phytofabrication, Evolution and Diversity of Plants, Biodiversity and Conservation of Sri Lankan Flora, Taxonomy and Evolution of Lower plants of Sri Lanka.

Ongoing Research and Projects

-  **Molecular Phylogenetics, Biogeography and Conservation of Sri Lankan Bryophytes**
-  **Biomonitoring and climate change**
-  **Phytofabrication of Silver nanoparticles and antimicrobial activity of bryophytes**

Key Publications

 Cryptogamie, Bryologie - (2016)

Two new records of Sri Lankan hornworts, *Notothylas javanica* (Notothyladaceae) and *Megaceros flagellaris* (Dendrocerotaceae).

 Journal of Bryology - (2014)

Bryophytes of Sri Lanka: a review of past exploration and taxonomic research and priorities for the future.

Conferences

 **First National Workshop on Bryophytes in Sri Lanka**

HELD AT : Royal Botanic Garden Peradeniya - (2012)

My Publications

Please goto the website.

<https://sci.pdn.ac.lk/botany/staff/Sumudu-Rubasinghe>