

CURRICULUM VITAE

S. Robbert Gradstein

Robbert Gradstein was born in The Netherlands in 1943. He attended the University of Utrecht where he obtained a Ph.D. in botany in 1975 on his dissertation "*A taxonomic monograph of the genus Acrolejeunea (Hepaticae)*". He has been on the teaching staff in the Botany Department of the University of Utrecht since 1969 and has been a Curator of the Herbarium of that university since 1976. Furthermore, he has held positions as a graduate research assistant at the University of Cincinnati, U.S.A. during 1970–1971, a Fullbright Fellow at the University of Colorado in 1976, a JSPS fellow at the National Science Museum, Tokyo in 1979, and a Professor in Tropical Botany at the University of Michigan, Ann Arbor, during 1986–1987. In addition, he has been a Research Associate of the Smithsonian Tropical Research Institute, Panama and an advisory professor of East China Normal University, Shanghai. In 1995 he became a Full Professor of Botany and Director of the Herbarium and Botanical Garden of the University of Göttingen, Germany, positions held until his retirement in 2009. Since 2010 he works as an honorary research associate at the Natural History Museum of Paris and since 2021 at Meise Botanic Garden (Belgium). He lives in Brussels.

Robbert Gradstein's research interests include the systematics of bryophytes, especially liverworts, and tropical plant diversity and ecology including impact of deforestation and land use change. He had done research in tropical America, Africa and Southeast Asia, has directed 32 dissertations and numerous projects, and has published about 500 research papers and 20 books. He is author of the "*Guide to the Bryophytes of Tropical America*" (2001) together with Steven P. Churchill (Missouri Bot. Garden) and Noris Salazar Allen (Smithsonian Tropical Research Institute), the "*Catalogue of the Plants and Lichens of Colombia*" (2016) together with Rodrigo Bernal and Marcela Celis (Universidad Nacional de Colombia). His handbook "*The Liverworts and Hornworts of Colombia and Ecuador*", a synthesis of 50 years of work, appeared in 2021.

Robbert Gradstein is a member of the *Akademie der Wissenschaften zu Göttingen* and the *Academia Colombiana de Ciencias Exactas, Físicas y Naturales*, and a founding member and former President of the *International Association of Bryologists*. He has been Deputy-Director of the *Organization for Flora Neotropica* (UNESCO) during twenty years and an editor of *TAXON*, *Regnum Vegetabile*, *Flora Neotropica* and *Bryophytorum Bibliotheca*. He has been awarded the *Jesse M. Greenman Award* of the Missouri Botanical Garden for best dissertation in systematics, the *Prix Augustin-Pyramus de Candolle* of the Société de Physique et d'Histoire Naturelle de Genève for monographic botanical research, the first *Fundraising Prize* of the University of Göttingen, and the *Hedwig Medal* of the International Association of Bryologists for lifelong achievement in bryology.

Further data

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Email addresses: sgradst@gwdg.de, gradstein@mnhn.fr
Citizenship: Dutch
Marital status: married to Clara Eugenia Serna-Gil
Languages: Dutch, English, German, French, Spanish
Orcid ID: orcid.org/0000-0002-3849-6457
Websites: <https://www.plantentuinmeise.be/nl/pQxoGsK/sc-robbert-gradstein>
<https://www.researchgate.net/profile/S-Gradstein>
https://nl.wikipedia.org/wiki/Robbert_Gradstein
https://es.wikipedia.org/wiki/Stephan_Robbert_Gradstein

Educational background

1969 M.Sc. in biology, University of Utrecht, Pays Bas
 1970–71 Graduate school, University of Cincinnati, USA
 1975 Ph.D. in botany, University of Utrecht

Summary of employment

1970–1971 Graduate research assistant, Univ. of Cincinnati, USA
 1971–1995 Curator and docent, Herbarium, University of Utrecht, Pays Bas
 1986–1987 Professor of Tropical Botany, University of Michigan, USA
 1995–2009 Professor of Botany, University of Göttingen, Germany

Present Positions

Honorary research associate, Meise Botanic Garden, Belgium (since 2021)
 Attaché honoraire, Muséum National d'Histoire Naturelle, Paris (since 2010)
 Gastmitarbeiter, Albrecht von Haller Institute, Göttingen (since 2020)

Other positions

1976 Fellow, Fullbright Foundation, USA
 1979 Fellow, Japanese Society for the Promotion of Science, Japan
 1986–1987 Visiting Netherlands Professor, University of Michigan, USA
 1993 Visiting Scientist, Andrew Mellon Foundation, Smithsonian Institution, USA
 1993–1996 Research Associate, Smithsonian Tropical Research Institute, Panama
 2000 Visiting scientist, Botanical Garden, Rio de Janeiro, Brazil
 2003–2006 External Examiner, University of Malaysia, Kuala Lumpur, Malaysia
 2005 Visiting scientist, New York Botanical Garden, USA
 2006 – Advisory Professor, West China University, Shanghai

Research Interests

Systematics and ecology of bryophytes, especially tropical liverworts
 Tropical plant diversity and phytogeography

Areas of field research

Tropical America: Brazil, Colombia, Ecuador (incl. Galapagos Islands), Peru, Bolivia, French Guiana, Guyana, Panama, Costa Rica, Mexico, Puerto Rico, Guadeloupe
 Asia: China, Japan, Indonesia (Java, Sulawesi), Papua New Guinea
 Europe: Crete, Ardennes

Honors and prizes

1976 Jesse M. Greenman Award (U.S.A.)
 1995 A.-P. de Candolle Prize (Switzerland)
 1999 Ordinary Member, Academy of Sciences, Göttingen
 2005 First Fundraising Prize, University of Göttingen
 2013 Hedwig Medal, International Association of Bryologists
 2014 Certificate of Excellent Review, Journal of Forestry
 2015 Foreign Member, Academia Colombiana de Ciencias Exactas, Físicas y Naturales

Eponymy:

Gradsteinia Ochya (Colombia)
Gradsteinianthus J.Wang bis & R.L.Zhu (China, Vietnam)
Acrolejeunea arcuata subsp. gradsteinii M.N.M.Renner (Australia)

Anastrophyllum gradsteinii Vána nom. inval. (Colombia)
Archilejeunea gradsteinii X.Q.Shi & R.L.Zhu (Africa)
Blindia gradsteinii Bartlett & Vitt (Colombia)
Cololejeunea gradsteinii Lai & R.L.Zhu (Thailand)
Cyclolejeunea gradsteinii Ilkiu-Borges (Colombia)
Diplasiolejeunea gradsteinii Tixier (Africa)
Frullania gradsteinii Yuzawa et al. (Galapagos Islands)
Lejeunea gradsteiniana Pócs (Africa)
Lejeunea gradsteinii G.E.Lee et al. (Malaysia)
Leptoscyphus gradsteinii Vanderpoorten et al. (Costa Rica)
Leucolejeunea gradsteinii Grolle & Piippo (New Guinea)
Lopholejeunea gradsteinii Udar et al. (India)
Marsupidium gradsteinii Grolle (South America)
Mastigolejeunea gradsteinii Sukkharak (Malaysia)
Parmotrema gradsteinii Aubel (Guyana)
Plagiochila gradsteinii Inoue (Galapagos Islands)
Pycolejeunea gradsteinii Ilkiu-Borges (Brazil)
Radula gradsteinii Yamada (Guyana)
Riccardia gradsteinii Pócs (Peru)
Schistochila gradsteinii Thouvenot (New Caledonia)
Thamniopsis gradsteinii J.Florschütz (Guyana)

Research grants

1. German Research Foundation (DFG)

- 2018–2020 Global approach to analyze the extent of the newly detected Tropical Lowland Cloud Forest (with J. Bendix & M. Bader, Univ. Marburg). Research assistant: L. Guérot.
- 2007–2010 *Fog climate and epiphyte diversity of the Tropical Lowland Cloud Forest of French Guyana* (with J. Bendix, Univ. Marburg). Research assistant: C. Gehrig.
- 2007–2010 DFG-Forschergruppe 816: Funktionalität in einem tropischen Bergregenwald, Süd-Ecuador. Project A2.5: Dynamics of epiphyte diversity in disturbed and undisturbed tropical montane forest. Research assistant: F. Werner.
- 2006–2009 DFG-Sonderforschungsbereich 552: Stabilität von Randzonen tropischer Regenwälder in Indonesien. Project C2 (with M. Kessler, Univ. Göttingen): *Diversity and spatial distribution of herbaceous and woody plant assemblages in relation to natural and anthropogenic factors*. Research assistant: D. Ciccuzza
- 2005–2008 *Molecular Phylogeny of Porellales, Hepaticae* (with J. Heinrichs & H. Schneider, Univ. Göttingen). Research assistant: J.Henschel.
- 2005–2006 DFG-Forschergruppe 402: Funktionalität in einem tropischen Bergregenwald, Süd-Ecuador. Project A10: Response of epiphyte communities to forestry manipulation and clear-cutting in a motane forest of southern Ecuador. Research assistant: F. Werner.
- 2005–2006 *Liverworts of French Guiana*. 6-month research visit to New York Botanical Garden. Research assistant: A.L. Ilkiu Borges.
- 2003–2005 *Molecular Phylogeny of Lejeuneaceae, Hepaticae* (with J. Heinrichs, Univ. Göttingen). Research assistant: R. Wilson.
- 2003–2006 DFG-Sonderforschungsbereich 552: Stabilität von Randzonen tropischer Regenwälder in Indonesien. Project C2: Plant diversity as a funtion of land use intensity. Research assistants: S. Sporn, N.S. Aryanti, R. Pitopang.

- 2003–2006 DFG-Forschergruppe 402 Funktionalität in einem tropischen Bergregenwald, Süd-Ecuador. Project A4: *Cryptogamic plant diversity of the Purdiaea nutans forest in southern Ecuador and its relationship to soil, climate and vegetation* (with M. Kessler, Univ. Göttingen & F. Makeschin, TU Dresden). Research assistants: N. Mandl, M. Lehnert.
- 2001–2004 DFG-Forschergruppe 416: Funktionalität in einem tropischen Bergregenwald, Süd-Ecuador. Projekt A5: *Diversität, Lebensstrategien und Ökomorphologie kryptogamischer Epiphyten* (with H.J. Sipman & H. Kürschner, Free Univ. Berlin). Research assistant: N. Nöske.
- 2000–2003 DFG-Sonderforschungsbereich 552: Stabilität von Randzonen tropischer Regenwälder in Indonesien. Project C2: *Structural and functional plant diversity of different land use systems* (with C. Leuschner & D. Hölscher, Univ. Göttingen). Research assistants: P. Keßler, R. Pitopang.
- 2000–2004 *Hypsometrischer Wandel naturnaher Bergregenwaldökosysteme in den Yungas* (with G. Gerold, Univ. Göttingen). Research assistant: K. Bach.
- 1998–2003 *Epiphytenvegetation im Kronenraum tropischer Bergregenwälder entlang eines Gradienten anthropogener Zerstörung* (with D. Hölscher & C. Leuschner, Univ. Göttingen). Research assistant: I. Holz.
- 1996–2003 *Systematisch-monographische Bearbeitung der Gattung Plagiochila (Hepaticae) im Rahmen der "Flora Neotropica"* (with R. Mues, Univ. Saarbrücken). Research assistants: J. Heinrichs, M. Sauer, H. Groth.

2. Volkswagenstiftung

- 2003–2006 *Catalogue of the Plants and Lichens of Colombia* (with R. Bernal, Univ. Nacional de Colombia). Six research students.
- 2000 *The Hepaticae and Anthocerotae of Brazil*. 6-month research at Jardim Bot., Rio de Janeiro (with D.P. Costa, Jardim Bot., Rio de Janeiro).

3. Global Biodiversity Information Facility (GBIF)

- 2004–2006 *Digitalization of type collections of herbarium GOET* (Grisebach types) (with R. Bernal, Univ. Nacional de Colombia). Several research assistants.
- 2003–2006 *Digitalization of bryophyte collections of herbarium GOET* (tropical bryophytes) and JE (Herzog types) (with F. Hellwig, Univ. Jena). Several research assistants.

4. Andrew Mellow Foundation, New York

- 2007–2009 *Digitalization of Latin American type collections of herbarium GOET*. Research assistant: M.E. Reiner-Drehwald

5. Bundesanstalt für Naturschutz, Bonn

- 1997–2000 TAXLINK: *Referenzliste der Moose Deutschlands*. F & E Vorhaben FKZ 80805072. Research assistants: M. Koperski, M. Sauer, W. Braun.

6. European Community

- 1994–1997 *Tropical bryophytes as non-woody bioindicators*. With STRI, Panama (N. Salazar Allen), Missouri Bot. Garden, USA (S.P. Churchill) and Ecosystems Inc., Brussels (G. Raeymaekers).

7. Netherlands Research Foundation (NWO)

- 1988–1994 *Systematics of pyrenocarpous lichens*. Research assistant: A. Aptroot.
- 1989–1991 *Plant Collectors of Guyana*. Research assistant: R. Ek.

- 1985–1990 *Diversity and ecology of canopy epiphytes in motane rain forests of Colombia* (with A.M. Cleef, Univ. Amsterdam). Research assistant: J. Wolf.
 1981–1985 *Systematics of Lejeuneaceae*. Research assistant: M.W. van Slageren
 1980–1985 *Structure and dynamics of Andean Ecosystems of Colombia*: ECOANDES project (with T. van der Hammen). Research assistants: A.M. Cleef, G.B.A. van Reenen.

8. National Geographic Society

- 1993 *Epiphyte diversity in Monteverde Cloud Forest Reserve, Costa Rica* (with N. Nadkarni, U.S.A.)
 1992 *Endemism in the Chocó, Colombia* (with J.-P. Frahm Germany)
 1976 *Botanical inventory of the Galapagos Archipelago* (with W.A. Weber, USA)

9. Smithsonian Institution, Washington

- 1993 *Bryophyte diversity of Pakitza National park, Peru and Barro Colorado Island, Panama* (with N. Salazar Allen, STRI, Panama).
 1993 *Flora of the Neotropical Páramos* (with J.L. Luteyn, USA)
 1991 *Bryophyte diversity of Darien National Park, Panama* (with N. Salazar Allen, STRI).

Professional offices and appointments

1. International

- Editor-in-Chief, *Regnum Vegetabile* (2011–2018)
 Founder and honorary staff member, Herbarium Celebense, Univ. of Palu, Indonesia (2001–)
 Editor-in-Chief, *TAXON* (2005–2011)
 Past-President, International Association of Bryologists (2005–2009)
 President, International Association of Bryologists (1999–2005)
 Co-founder and Secretary-Treasurer, International Association of Bryologists (1970–1987)
 Deputy-Director and Editor, *Organization for Flora Neotropica* (1987–2005)
 Editor, *Bryophytorum Bibliotheca* (1984–2005)
 Associate Editor, *Revue Bryol. Lichénol.* (1975–1990), *Journal of Bryology* (1990–2005)
 Editorial Board of *Candollea*, *Caldasia*, etc.
 Member, Threatened Species Committee, IUCN (1990–2002)
 Member, International Committee for Nomenclature of Bryophyta (1981–1994)

2. Germany

- Co-founder and Director, Göttingen Centre of Biodiversity and Ecology (2000–2002)
 Director, Albrecht von Haller Institute of Plant Sciences, Univ. of Göttingen (2001–2003)

3. The Netherlands

- Advisor, Biodiversity program, "Tropenbos Foundation", The Netherlands (1992–1993)
 Advisor, Netherlands Foundation for Tropical Research (WOTRO) (1987–1991)
 Chairman, Netherlands Foundation for Biol. Research (BION), Plant Syst. Div. (1984–1989)
 Vice-President, Royal Dutch Botanical Society (1980–1983)
 Editor, *Acta Botanica Neerlandica* (1980–1983)

Congresses and Symposia organized/chaired since 1999

- 29–30 May 1999 Organizer and Chairman, Hedwig Symposium, Göttingen.
 23–30 Jan. 2002 President, 14. World Congress of Bryology, Lucknow, India
 19–23 Feb. 2002 Organizer, 15. Annual Meeting, Society for Tropical Ecology, Göttingen.
 24–25 Feb. 2002 Organizer, 2. International Meeting, Global Canopy Programme,

- Göttingen.
- 25 Sept. 2003 Organizer, Workshop on Flora Neotropica, 3. International Congress on Biodiversity and Phylogeny of Plants, Frankfurt
- 10–18 Jan. 2004 President, 15. World Congress of Bryology, Merida, Venezuela
- 10–12 Sept. 2004 Organizer and Chairman, 2. International Symposium on Molecular Phylogeny of Bryophytes, Göttingen
- 17–23 Aug. 2005 Organizing committee, 17. International Botanical Congress, Vienna
- 7–11 April 2008 Organizer and chairman, "Systematics 2008", Göttingen, joint international conference of GfBS and DBG
- 9 July 2019 Convener, Golden Jubilee Symposium, International Association of Bryologists, Madrid

Habilitations directed

- 2007 Jochen Heinrichs (Univ. Göttingen)
- 2006 Harald Schneider (Univ. Göttingen)
- 2003 Markus Hauck (Univ. Göttingen)
- 2001 Michael Kessler (Univ. Göttingen)

Doctoral dissertations directed

- 2021– Fúvio R. Oliveira da Silva (Univ. Belém) – Monograph of neotropical Radulaceae
- 2014 Xue-Qin Shi (Univ. Shanghai) – Phylogeny and taxonomy of *Archilejeunea*
- 2013 Christine Gehrig (Univ. Göttingen) – Epiphyte diversity and microclimate of the lowland cloud forest of French Guiana
- 2012 Gaik-Ee Lee (Univ. of Malaysia) – Revision of *Lejeunea* of Malaysia
- 2011 Phiangphak Sukkharak (Univ. Göttingen) – Monograph of *Thysananthus*
- 2008 Nunik S. Aryanti (Agric. Univ. Bogor, IPB) – Bryophyte diversity of rainforests of Sulawesi: biogeography and human impact
- 2008 Goda S. Sporn (Univ. Göttingen) – Cryptogamic epiphyte vegetation of cacao plantations and rain forests of Sulawesi, Indonesia
- 2007 Florian A. Werner (Univ. Göttingen) – Effects of human disturbance on epiphyte assemblages in the Andes of Ecuador
- 2007 Nicole Mandl (Univ. Göttingen) – Bryophyte and macrolichen diversity of the *Purdiaea nutans* forest of southern Ecuador in relation to soil, climate and vegetation structure
- 2006 Rosemary Wilson (Univ. Göttingen) – Molecular phylogeny of the Lejeuneaceae
- 2006 Ramadhanil Pitopang (Agric. Univ. Bogor, IPB) – Tree diversity in six different land use types differing in use intensity in Lore Lindu National Park, Sulawesi
- 2005 Henk Groth (Univ. Göttingen) – Molecular phylogeny of *Plagiochila*
- 2005 Anna-Luiza Ilkiu-Borges (Univ. Göttingen) – Monograph of *Prionolejeunea*
- 2005 Jaime Uribe M. (Univ. Bogotá) – Monograph of *Frullania* subgen. *Meteoropsis*
- 2004 Nicole Nöske (Univ. Göttingen) – Anthropogenic impact on cryptogamic epiphyte vegetation in southern Ecuador
- 2004 Kerstin Bach (Univ. Göttingen) – Vegetationskundliche Untersuchungen zur Höhenzonierung tropischer Bergregenwälder in den Anden Boliviens
- 2003 Jassiva Gonzales (Univ. Göttingen) – Monograph of the fern genus *Sticherus*
- 2003 Ingo Holz (Univ. Göttingen) – Diversity and ecology of bryophytes and macrolichens in primary and secondary *Quercus* forests of Costa Rica
- 2003 Thorsten Krömer (Univ. Göttingen) – Epiphyte vegetation in the canopy of submontane rain forests and fallows in Bolivia
- 2003 Alexander Berg (Univ. Göttingen) – Vegetation and phytogeography of the

- páramos of Venezuela
- 2002 Jochen Heinrichs (Univ. Göttingen) – Monograph of neotropical *Plagiochila*
- 2000 Gregorio Dauphin (Univ. Göttingen): Monograph of neotropical *Ceratolejeunea*
- 2000 Gabriele Weis (Univ. Göttingen) – Sporophyte anatomy of Lejeuneaceae and Jubulaceae
- 1995 M. Elena Reiner-Drehwald (Univ. Buenos Aires) – Lejeuneaceae of Argentina
- 1993 Jan Wolf (Univ. Amsterdam) – Ecology of epiphytes in montane rain forests of Colombia
- 1993 André Aptroot (Univ. Utrecht) – Taxonomy and phylogeny of pyrenocarpous lichens
- 1988 Willem H. A. Hekking (Univ. Utrecht) – Monograph of neotropical Violaceae
- 1985 Michiel W. van Slageren (Univ. Utrecht) – Monograph of Brachiolejeunea
- 1985 Guido B. A. van Reenen (Univ. Utrecht) – Altitudinal zonation of the Andes of Colombia
- 1983 Harrie J. Sipman (Univ. Utrecht) – Monograph of Megalosporaceae (Lichenes)
- 1987 Ida A. Bruggeman-Nannenga (Univ. Utrecht) – Taxonomy of Fissidentaceae
- 1987 Cora Oostendorp (Univ. Utrecht) – Palaeozoic and Mesozoic bryophytes
- 1979 Henk van der Werff (Univ. Utrecht) – Vegetation of the Galapagos Islands

External examiner, doctoral dissertations

- 2016 Laura Campos (Univ. Nacional, Bogotá)
- 2011 Amélie Pichonet (MNHN, Paris)
- 2007 Claudine Ah-Peng (Univ. Réunion)
- 2007 Thomas Jansen (MNHN, Paris)
- 2006 Aino Juslén (Univ. Helsinki)
- 2005 Inkeri Ahonen (Univ. Helsinki)
- 2002 Frans van Dunné (Univ. Amsterdam)
- 1986 Sinikka Piippo (Univ. Helsinki)

Courses taught in the Tropics

- May 2018 COLOMBIA: Armenia, Universidad del Quindío – Bryology
- November 2015 COLOMBIA: Santa Marta, Universidad del Magdalena, Postgraduate Workshop liverwort taxonomy and floristics postgraduate
- August 2013 MEXICO: Oaxaca, Universidad Sierra Norte – Bryology course
- September 2011 COLOMBIA: Bogotá, ECCI, lecture series biogeography and climate of tropical forests (seminar tropical forests)
- July 2011 INDONESIA: Bogor, BIOTROP, training course Bryology
- Nov–Dec 2009 ECUADOR: Quito, Universidad Catolica, lecture series tropical plant geography (MSc curriculum Biodiversity)
- November 2009 ECUADOR: Loja, UTPL, Bryology course
- August 2009 INDONESIA: Bogor, BIOTROP, training course Bryology
- August 2007 INDONESIA: Bogor, BIOTROP, training course Bryology
- September 2006 ECUADOR: Quito, Universidad Catolica Internat. Course
- September 2005 INDONESIA: Bogor, BIOTROP, training course Bryology
- January 2004 VENEZUELA: Merida, Univ. de los Andes, workshop Lejeuneaceae
- September 2003 INDONESIA: Bogor, BIOTROP, training course Bryology
- September 2001 INDONESIA: Bogor, BIOTROP, training course Bryology
- August 1998 BRAZIL: Recife, Universidad Federal de Recife, bryology course
- August–Sept 1997 ECUADOR: Quito, Universidad Catolica, Internat. Course
- July 1996 BRAZIL: Rio de Janeiro, Brazilian Botanical Congress Workshop

March 1996	PANAMA: Panamá, Univ. Panamá, Internat. Course supported by EU
July 1988	PUERTO RICO: Univ. of Puerto Rico, Internat. Course
October 1984	COLOMBIA: Bogotá, Universidad Nacional, Course biología

Invited lectures since 2000

2022 Meise Botanic Garden – *Advances in the Systematics of Liverworts (Marchantiophyta)*.

2021 Universidad Catolica del Ecuador, Escuela de Biología, Quito – *Briófitas: Diversidad e importancia ecología* (zoom lecture)

2019 Universidad Catolica del Ecuador, Escuela de Biología, Quito – *Diversidad y evolución de briófitas*

2019 V. International Congress on Biodiversity and Conservation of *Polylepis* forests, Quito – *Diversidad de hepáticas en bosques de Polylepis*

2019 Bryology2019: World Conference on Bryology, Madrid, Keynote lecture – *International collaboration in Bryology: Past, Present, Future*

2018 Universidad Tecnica Particular de Loja, Ecuador, Invited lecture – *Briófitas tropicales: diversidad, ecología, impacto humano y cambios climáticos*

2018 Universidad Tecnica Particular de Loja, Ecuador, Invited lecture – *El bosque nublado de tierra baja, un nuevo tipo de bosque tropical*

2018 Congreso Latinoamericano de Botánica, Quito, Lichen symposium – *Liquenes y briofitas como indicadores del bosque nublado de tierra baja*

2018 Congreso Colombiano Regional de Biología, Pereira, Bryology symposium – *Avances en la sistemática de briófitas*

2018 Congreso Colombiano Regional de Biología, Pereira, Bryology symposium – *Impacto humano sobre diversidad de briófitas*

2018 Congreso Colombiano de Biología, Pereira, Conferencia magistral – *El bosque nublado de tierra baja, un nuevo tipo de bosque tropical*

2018 European Conference on Tropical Ecology, Paris – *The tropical lowland cloud forest: an epiphyte hotspot*

2018 Rotary Club Angers – *A la recherche du Monde Perdu*

2017 V. Congreso Colombiano de Botánica, Tunja, Keynote lecture – *Avances en la sistemática de las hepáticas*.

2017 IX. Congreso Colombiano de Botánica, Tunja, Conferencia magistral – *El bosque nublado de tierra baja*.

2017 Rotary Club Angers – *Le réchauffement climatique: mythe ou réalité*

2017 XXI. Symposium of Cryptogamic Botany, Spain, Keynote lecture – *The hidden diversity of the tropical rain forest*.

2016 Universidad Nacional de Colombia, Invited lecture – *Briófitas tropicales: diversidad, ecología, impacto humano y cambios climáticos*

2016 Lyon's Club Göttingen, Invited lecture – *Der botanische Garten von Paris*

2015 Universidad del Magdalena, Colombia, Invited lecture – *Briófitas latinoamericanas: diversidad, ecología, impacto humano y cambios climáticos*

2015 Academia de Ciencias Naturales, Bogotá – *Avances en la sistemática de las hepáticas*.

2015 Symposium "Biology of the complex thalloid liverworts", Edinburgh, Keynote lecture – *Amphitropical disjunctive species in the complex thalloids*.

2014 East China Normal University, Shanghai, Invited lecture – *Recent progress in the systematics of liverworts*

2014 First Cryptogamic Symposium, Santiago de Chile, Keynote lecture – *Briofitas latinoamericanas: diversidad, ecología, impacto humano y cambios climáticos*

- 2014 Botanische Verein, Zürich, Switzerland, Invited lecture – *Auswirkungen von Landnutzungsänderungen und Klimawandel auf Moose im Tropenwald*
- 2013 Jardín Botánico, Oaxaca, Mexico, invited lecture – *El impacto del cambio climático y la deforestación en la biodiversidad de plantas*
- 2013 VI. Congreso Colombiana de Botánica, Ibagué, Colombia, Conferencia magistral – *Human impact on epiphyte diversity*
- 2013 VI. Congreso Colombiana de Botánica, Ibagué, Colombia, Keynote lecture – *Liverworts of Colombia – where do we stand*
- 2013 IAB Conference of Bryology, London, U.K., Keynote – *Rudolf M. Schuster and his contribution to hepaticology*
- 2013 Rundgespräch Bayerische Akademie der Wissenschaften "Schutz und Nutzung von Tropenwäldern" – *Auswirkungen von Landnutzungsänderungen auf Epiphyten im Tropenwald*
- 2013 Ringvorlesung Akademie der Wissenschaften, Göttingen – *Von den Alpen zu den Anden: Göttinger Beiträge zur Geobotanik*
- 2012 East China Normal University, Shanghai, Invited lecture – *Diversity and ecology of tropical bryophytes*
- 2012 Rotary Club Angers – *Le Muséum National d'Histoire Naturelle de Paris et son Jardin des Plantes*
- 2012 VI. International Canopy Congress, Oaxaca, Mexico, Conferencia magistral – *Human impact on epiphyte diversity in the Tropics*
- 2012 National Museum of Natural History, Stockholm, Invited lecture – *Tropical bryophytes: Diversity and evolution*
- 2011 Colloque de Bryologie, Museum National d'Histoire Naturelle, Paris – *Temoignage des pays voisins: Autour du projet "Flore des bryophytes des Pays Bas"*
- 2011 BIOTROP Symposium on Bryology, Bogor, Indonesia, Keynote lecture – *Liverworts and hornworts of Java*
- 2011 Symposium Management of Tropical Forests and Instituto de Ciencias Naturales, Bogotá, Colombia, Keynote lecture – *El impacto de la deforestación y los cambios climáticos en las epífitas tropicales*
- 2011 Symposium Management of Tropical Forests, Bogotá, Colombia, Keynote lecture – *Ecología y botánica de los bosques andinos de Colombia: El proyecto ECOANDES*
- 2011 Symposium Management of Tropical Forests, Bogotá, Colombia, Keynote lecture – *Biodiversidad y clima de bosque tropical*
- 2010 X. Latin American Botanical Congress, La Serena, Chile, Conferencia magistral – *El impacto de la deforestación y los cambios climáticos en las briófitas tropicales*
- 2010 Museum National d'Histoire Naturelle, Paris – *Bryophytes tropicales – Diversité, systématique et biogéographie*
- 2010 Rotary Club Göttingen / Rotaract Club Göttingen – *Darwin und seine Evolutionstheorie*
- 2009 XVII. Simposio de Botânica Criptogâmica, Tomar, Portugal – *Impact of deforestation and climate change on epiphytic bryophytes*
- 2009 Freiburg University – *Diversität und Evolution tropischer Moose*
- 2009 Technical University of München (Freysing) – *Auswirkungen von land- und forstwirtschaftliche Maßnahmen auf die Diversität von Moosen in den Tropen unter Berücksichtigung des Klimawandels*
- 2008 Flora Malesiana Symposium, Leiden, The Netherlands – *Plant diversity losses relative to human land use in rainforest margins in Sulawesi, Indonesia*
- 2008 Albrecht-von-Haller Jahr Ringvorlesung der Akademie der Wissenschaften, Göttingen – *Haller's botanischer Garten in europäischer Perspektive*
- 2008 Annual meeting of the South African Botanical Society, Pretoria – *A phylogeny of Porellaceae based on nuclear and chloroplast sequences*

- 2007 Kolloquium, University of Vienna – *Biodiversity and evolution of tropical bryophytes*
 2007 World Congress of Bryology, Kuala Lumpur, Malaysia – *Protonemal neoteny in bryophytes*
 2007 Ringvorlesung Akademie der Wissenschaften, Göttingen – *Entwicklung im Grünen: Evolution im Pflanzenreich*
 2006 East China Normal University, Shanghai – *Biodiversity and evolution of tropical bryophytes*
 2006 ABL Symposium, Chico, California, U.S.A. – *Response of epiphytes to global warming*
 2006 Annual Congress, Society for Tropical Ecology, Kaiserslautern, Germany – *Bryophyte diversity of the tropical rainforest – responses to forest modification and climate change*
 2005 Symposium Ecology of Bryophytes, International Botanical Congress, Vienna
 2004 IAB Symposium of Bryology, Merida, Venezuela – *The contribution of Richard Spruce to South American bryology*
 2004 Akademie der Wissenschaften Göttingen – *Der Botanische Garten und die Pflanzensystematik einst und jetzt*
 2003 Gedächtnissymposium für Dr. Dr. h.c. Riclef Grolle, Jena, Germany – *Riclef Grolle – Leben und Forschung*
 2002 Rotary Club Göttingen – *Botanik im Schatten des Zuckerhuts: Die Erforschung der Pflanzenwelt Brasiliens durch Carl Friedrich Philipp von Martius*
 2002 Inauguration, Martius Professorship, University of Sao Paul, Brazil – *Carl Friedrich Philipp von Martius y la exploración botánica de America del Sur*
 2002 VIII. Latin American Botanical Congress, Cartagena, Colombia – *Biodiversidad y evolución de briófitas tropicales*
 2001 Rotary Club Göttingen – *Auf den Spuren von Alexander von Humboldt*

Further invited lectures (ca. 100)

- 2000 Germany, Brazil
 1999 Ulm, St. Louis, Jena, La Paz
 1998 Berlin, Bogota, Essen, Leipzig, Bonn, Recife
 1997 Amsterdam, Beijing, Quito, Saarbrücken
 1996 Panama, Rio de Janeiro, Frankfurt, The Netherlands
 1995 Second International ESF-Workshop on Tropical Canopy Research, Ulm
 International Conference on "Foliicolous Cryptogams", Eger, Hungary
 1994 Symposium "La Biologie Hier et Aujourd'hui", Genève
 Symposium "Tropical Bryology", VI Congreso Latinoamericano de Botanica, Argentina
 Seminar, Universität Frankfurt
 Annual meeting, Dutch Bryological and Lichenological Society, Leiden
 1993 Richard Spruce Commemorative Symposium, Linnean Society of London
 Symposium "Neotropical Montane Rain Forests", New York
 Botany Seminar Series, Smithsonian Institution, Washington
 Symposium "Bryophyte Systematics", International Botanical Congress, Tokyo
 "Bryophyte Flora's of the World" Workshop, Int. Botanical Congress, Tokyo
 Seminar, Universidad de Costa Rica
 Flora Neotropica workshop, Smithsonian Tropical Research Institute, Panama
 1973–1992: 47 invited lectures and seminars in Australia, Austria, Belgium, Bolivia, Canada, Colombia, Ecuador, England, Finland, French Guiana, Germany, Hungary, Japan, Mexico, Netherlands, Panama, Poland, Russia, Switzerland, Tschechoslovakia, USA

SERIES EDITED

- REGNUM VEGETABILE (2011–2018).
 TAXON, Volumes 55–60 (2005–2011).
 FLORA NEOTROPICA, Volumes 50, 53–54, 57–58, 62, 65, 69, 74, 78, 89, 90, 97, and five further vols. New York Botanical Garden Press (1987–2005).
 BRYOPHYTORUM BIBLIOTHECA, Volumes 34–61. J. Cramer Verlag, Stuttgart (1987–2005).
 TROPICAL BRYOLOGY, Volumes 1–10. Duisburg-Utrecht (1989–1995).
 THE BRYOLOGICAL TIMES, nrs. 50–70. Edmonton, St. Louis, Geneva, Utrecht, Praha, Moscow, Beijing, Tokyo, Canberra (1989–1993).
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 STUDIES ON COLOMBIAN CRYPTOGRAMS, 1–40. Herbarium Utrecht (1982, 1983, 1990).
 BULLETIN OF BRYOLOGY, 1–20. Taxon (1971–1981).

SCIENTIFIC PUBLICATIONS

In preparation

- Gradstein S.R.** Bryophyta Division B: Marchantiophyta. Part 1: Jungermanniopsida order Porellales. In: M. Sosef (ed.), *Flora of Central Africa / Flore de l'Afrique Centrale*.
Gradstein S.R., Ilkiu-Borges A.L. & Vanderpoorten A. Integrative taxonomic revision of the genus *Lethocolea* (Acrobolbaceae), with special attention to the species of Africa and America.

Submitted

- Dai Z., Xing S., **Gradstein S.R.**, Li M., Tu S., Chen X., Yao X., Gao S, Ruiping Shi R., Tang L., Zhang R., Zhang Z., Zhao M., Wang Y., Lui H., Zhang J. & Wang J. Diversity patterns of epiphytic liverworts and mosses along an elevational gradient in eastern China: What are the driving factors? *Journal of Vegetation Science*.
Gradstein S.R. Bryophyta. Division B Marchantiophyta: Haplomitriopsida, Jungermanniopsida order Jungermanniales. In: M. Sosef (ed.), *Flora of Central Africa / Flore de l'Afrique Centrale*.
 Maul K., **Gradstein S.R.**, Quandt D. & Kessler M. The diversification history of liverworts along the elevational gradient. *Journal of Vegetation Science*.

2023

- Dauphin G., **Gradstein S.R.**, Salazar Allen N. & Chung C. The liverworts and hornworts of Barro Colorado Island. In: Müller-Landau H. & Wright S.J. (eds.), *The First 100 Years of Research on Barro Colorado Island: Plant and Ecosystem Science*. Smithsonian Institution Scholarly Press, Washington (in press).
 Freire A.V., Judziewicz E.J., Cargill D.C., Forrest L.L., **Gradstein S.R.**, Pezzillo Z., Oppenheimer H.L., Pezzillo Z. & Sepsenwol S. 2023. *Kahakuloa operculospora*, a new Hawaiian species of simple thalloid liverworts in a new genus and family, Kahakuloaceae (order Fossombroniales). *Bryophyte Diversity and Evolution* 46: 10–34.
 Sass-Gyarmati A. & **Gradstein S.R.** 2023. On the status of *Bazzania madagassa* from Madagascar. *Phytotaxa* 613 (1): 75–78.

- Gradstein S.R.** 2023. Bryophyta. Introduction, Division A Anthocerotophyta. In: M. Sosef (ed.), Flore de l'Afrique Centrale. Meise Botanic Garden, Belgium, 33 p.
- Gradstein S.R.**, Hentschel J. 2023. The genus *Lepicolea* (Lepicoleaceae) in tropical America. Nova Hedwigia 115, 11 p. (early access).
- Pohl M.J., Lehnert L.W., Thies B., Seeger K., Berdugo Moreno M.B., **Gradstein S.R.**, Bader M.Y., Bendix J. 2023. River valleys in the Amazon lowland rainforest are stable climate change refugia for drought-sensitive canopy organisms. Nature Communications, Earth and Environment 4: 198.

2022

- Berdugo-Moreno M., **Gradstein S.R.**, Guerot L. & Bader M. 2022. Species rich crowns and beta-diverse trunks: Diversity patterns of epiphytic bryophytes across spatial scales in a tropical lowland forest. Biotropica 54: 893–905.
- Dauphin G., **Gradstein S.R.**, Salazar Allen N. 2022. Liverworts and hornworts of Barro Colorado Island, Panama. Cryptogamie, Bryologie 43: 153–165.
- Gradstein S.R.** 2022. Epiphyllous bryophyte diversity in lowland rain forest and lowland cloud forest of French Guiana. Cryptogamie, Bryologie 43: 187–193.
- Gradstein S.R.** & Pócs T. 2022. Proposal to conserve the name *Cololejeunea* against *Metzgeriopsis* (Lejeuneaceae, Marchantiophyta). TAXON 71: 472–473.
- Gradstein S.R.** & Reeb C. 2022. The genus *Plagiochila* (Marchantiophyta) in Madagascar. Cryptogamie, Bryologie 43: 65–106.
- Gradstein S.R.**, Ilkiu-Borges A.L. & Oliveira da Silva F.R. 2022. The genus *Radula* (Radulaceae) in Madagascar. Nova Hedwigia 115: 349–382.
- Koid C.W., Shaipulah N.F.M., Lee G.E., **Gradstein S.R.**, Asakawa Y., Andriani Y., Mohammed A., Nik Norhazrina N., Chia P.W. 2022. Volatile organic compounds of bryophytes from Peninsular Malaysia and their roles in bryophytes. Plants 11, 2575.
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- Oliveira da Silva F.R., Ilkiu-Borges A.L. & **Gradstein S.R.** 2022. Two new Neotropical of *Radula* (Marchantiophyta: Radulaceae) with bordered leaves. Phytotaxa 564: 95–103.
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- Aroca-Gonzales B.D., **Gradstein S.R.** & Gonzáles-Nieves L.M. 2021. Endangered or not? Potential distribution of the liverwort *Pleurozia paradoxa* in Colombia. Revista de la Academia Colombiana de Ciencias Exactas, Físicas y Naturales 45(174): 260–271.
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- Reeb C., **Gradstein S.R.** 2020. A taxonomic revision of Aneuraceae (Marchantiophyta) from eastern Africa with an interactive identification key. *Cryptogamie, Bryologie* 41: 11–34.
- Tu S.W., Shi R.P., Tang L.Y., Tang X., Dai Z., Xing S.C., Shi X.Q., **Gradstein S.R.** & Wang J. 2020. Floristic habitat sampling yielded *Spruceanthus planifolius* (Lejeuneaceae, Marchantiophyta) new to China. *Phytotaxa* 455: 229–234.
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2019

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