

生态与环境科学研究论文发表与期刊编辑出版互动研讨班

——如何与国际接轨



(第一轮通知)

2007年1月15日

一、研讨宗旨

本研讨班特别邀请了三位美国重要科技期刊主编、编委和科学家主讲。旨在促进我国生态与环境科学家撰写英语研究论文水平,同时进一步提高我国科技期刊的质量和水平,从多层面为中国科技期刊编辑出版和生态环境科学研究提供更开阔的思路,增强科技期刊主编和编委与科学家在国际和我国科技前沿的学术交流功能。

二、本研讨班特色

1. 本次研讨班是我国首次综合邀请具有丰富科技期刊运作和管理经验的美国科技期刊主编以及学会出版与信息资源管理人员、美国知名科学家共同主讲。
2. 此研讨班由中国植物学会与美国生态学会亚洲分会和 *Frontiers in Ecology and the Environment* 杂志联合主办,是我国生态与环境科学家与生态环境科学期刊与国外科学家和重要科技期刊主编和编委的首次互动交流,通过此次研讨一方面将促进科技期刊运作模式与进一步的接轨;同时为科研人员提供更好的学术交流平台。
3. 本次研讨班内容全面,将期刊出版与生态环境科学研究结合起来,对科技期刊编辑工作人员和生态环境科学研究工作者双向发展提供多层面的信息和思路。
4. 主讲人丰富的工作经验和多样的知识背景,将与学员面对面讨论工作及研究中遇到的困惑和难题。
5. 本次研讨班还将邀请我国生态与环境科学主要期刊主编及著名编委参加,与国外期刊主编及科学家共同探讨如何把握科学热点,在国际重要科技期刊成功发表生态与环境科学研究论文。

三、组织机构

主办单位: 中国植物学会; 美国生态学会; 美国生态学会亚洲分会; 美国野生动植物协会;
Frontiers in Ecology and the Environment 杂志

承办单位: 中国科学院植物研究所文献信息中心

协办单位: 《植物生态学报》、《应用生态学报》、《生态学报》

筹备组成员:

组长: 马克平, 缪世利

副组长: 董 鸣, 崔金钟, 郭勤峰

成 员: 姜联合, 蔡瑞娜, 韦文珊, 孔红梅, 曾德慧

四、主讲人 (简历见附件)

1. Dr. Sue Silver,

The Editor-In-Chief of *Frontiers in Ecology and the Environment*

2. Dr. Philippa Jane Benson,

Director of Publishing and Information Resources, the Wildlife Society

3. Dr. Richard B Primack,

Professor of Boston University and Editor of *Biological Conservation*

五、研讨内容

1. 如何运作科技期刊？

富有经验的美国科技期刊主编和科学家，通过对美国科技期刊出版发展趋势及国外科技期刊运作方式及具体实践工作的介绍，通过对国际编辑出版共同关注的热点问题展开讨论和交流，通过与我国科技期刊编辑人员和科学家的互动，为我国科技期刊的出版提供更多更好的工作借鉴。

2. 如何做好科技期刊编辑工作？

富有经验的美国科技期刊主编及富有期刊编辑工作经验的科学家，从编辑职能的角度出发，通过国外科技期刊编辑工作实践的介绍，提供做好科技期刊编辑工作的思路及具体操作方法。

3. 科学研究及科技期刊如何促进科学研究的发展？

由美国知名科学家从学科的角度出发，以保护生物学为例介绍学科研究发展及研究人员把握学科发展方向及成功申请研究基金的思路和方法，提出科技期刊如何更好地促进学科发展的措施。

4. 如何成功撰写和发表科学研究论文？

由美国知名科学家为研究人员及编辑人员提供成功撰写和在国际重要科技期刊发表科学研究论文的方法和要旨。

六、会议语言 英语

七、研讨班学员对象（学员名额有限，将根据回执时间，确定最后的参会人员）

1. 科技期刊编辑出版人员，包括编委、编辑及编辑部工作人员。
2. 生态与环境科学相关信息管理人员。
3. 生态与环境科学研究人员，包括优秀的硕士博士研究生、博士后等。

八、会议地点

中国科学院植物研究所实验楼报告厅

九、会议日程安排

时 间	内 容	主 讲 人
2007. 5. 28	科技期刊运作及期刊编辑专题	Dr. Sue Silver and Dr. Philippa
2007. 5. 29	科学研究报告专题	Dr. Richard B Primack
2007. 5. 30	科学论文撰写专题	Dr. Sue Silver and Dr. Philippa Jane Benson

十、会务费及住宿

会务费：500 元

食宿自付（第二轮通知发出会议住宿标准，可以联系驻地）

十一、会议联系方式

联系地址：北京香山南辛村 20 号，《植物生态学报》编辑部，邮编：100093

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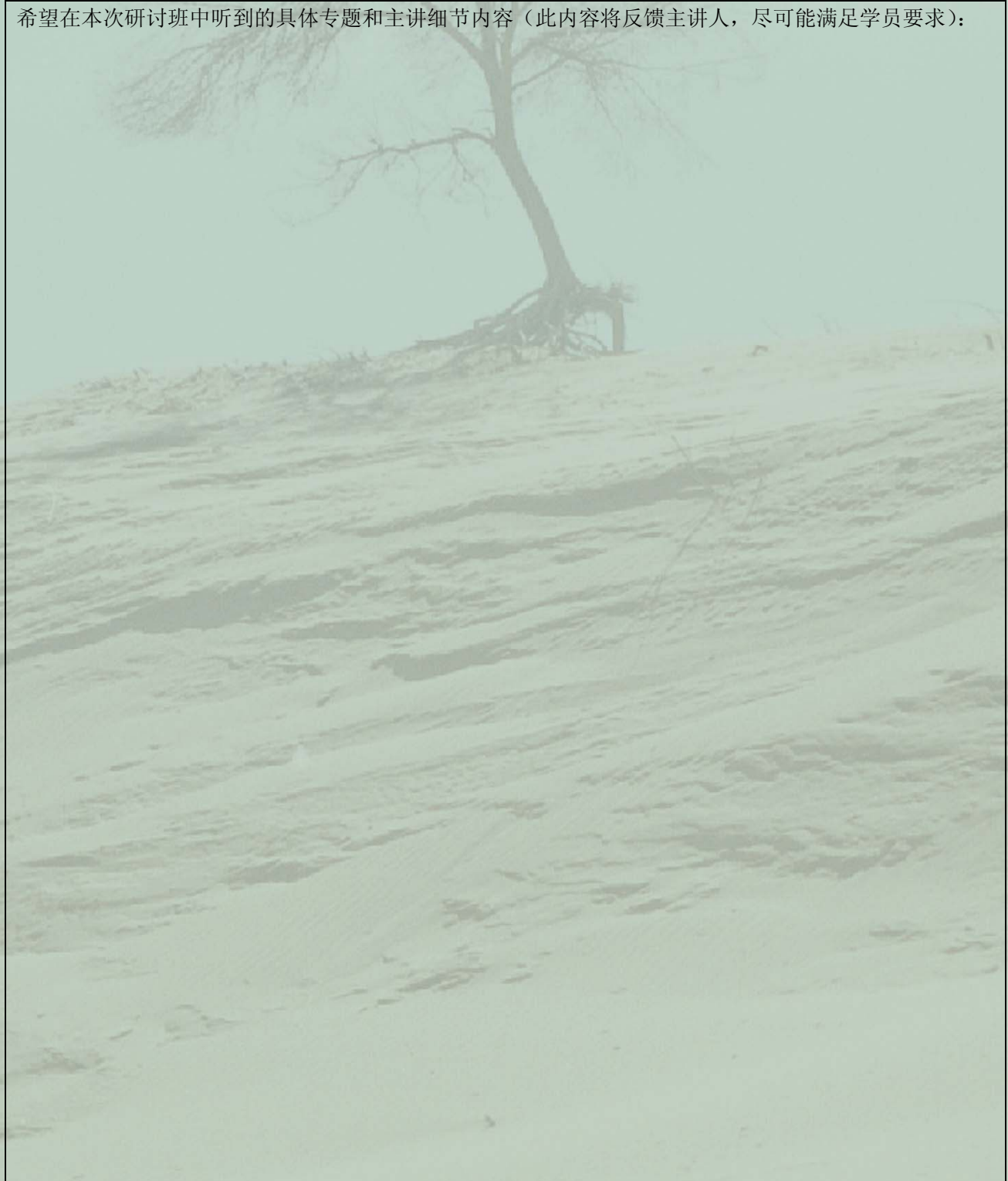
联 系 人：姜联合

会议回执

(务于 2007 年 2 月 15 日前返回)

姓 名		职称或职务	
单 位		是否住宿(性别)	
电话(手机)		E mail	

希望在本次研讨班中听到的具体专题和主讲细节内容(此内容将反馈主讲人, 尽可能满足学员要求):



Philippa Jane Benson

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EDUCATION

Ph.D., Rhetoric (Committee members in Cognitive Science, Linguistics, and Classical Rhetoric), Carnegie Mellon University, 1994. Mellon Graduate Fellow, Literacy in Science Research Center. Studied technical communication and information design, as well as cognitive processes of reading and writing. Research included studying production and effectiveness of scientific texts, collaboration across disciplines, pedagogical issues in discipline-specific writing instruction, and cognitive reading and writing processes of nonnative speakers of English.

M.A., Professional Writing/Document Design, Carnegie Mellon University, 1984.

B.A., combined degree in Geology and English, Oberlin College, 1979.

EXPERIENCE: Editing / Writing/ Teaching/ Research

Director, Publishing and Information Resources, The Wildlife Society, Bethesda, MD. Created new publication and information resources department. Responsible for oversight of all print and electronic information disseminated by the primary professional society for wildlife managers in North America. Editor-in-chief of new member publication, *The Wildlife Professional*. Responsible for Society's IT and Web services. 3/05 – on-going.

Director of Electronic Publications and Information Resources Center for Applied Biodiversity Science (CABS), Conservation International, Washington, D.C. New position developed from Director of Publications, with work focusing on developing electronic forms and distribution of CABS science, and facilitating similar work with collaborating organizations. Developing broader institutional publications initiative to advance broader distribution and electronic access to CI and external conservation science. Responsible for staff and management of CABS library and website. 7/04- 3/05

Director of Publications, Center for Applied Biodiversity Science (CABS), Conservation International, Washington, D.C. Work with CABS researchers, consulting scientists, and internal staff to develop publications for technical, semi-technical, and lay audiences. Publications range from books and articles published by outside publishers (e.g., *Nature*, *Science*, *Smithsonian*, *Island Press*) to in-house reports, and general brochures. Supervise staff editors and librarian. Manage manuscripts through both internal and external peer review. Work with in-house knowledge management team on intranet and web usability issues. Developed and manage long-term project promoting design of internet-based conservation information. Write and regularly review grant and funding proposals. Produced internal publications and communications design standards. Supervise staff and contract assistant editors. Primary liaison Cambridge Scientific Abstracts (CSA) consulting on development of electronic forum and other electronic resources related to publishing conservation science. Collaborate with organizational communication offices on development of publications distributed through print, internet, and other media. 2/00- 7/04.

Faculty, NIH Foundation of Education in the Advancement of the Sciences, Bethesda, MD. Taught advanced course in scientific and technical communications. 1/00-12/02.

Professorial Lecturer, McDonough School of Business/ Dept. of English, Georgetown University, Washington, DC. Taught seminars in professional and technical communication and graduate courses on style and technical communication while conducting research on international technical communications. 4/98 – 1/00.

Technical Editor, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health, Bethesda, MD. Work in NIDDK Communications Office producing communications for both technical and lay readers. 1/99- 7/99.

Editorial Consultant, Eberly Center for Teaching Excellence, Carnegie Mellon University, Pittsburgh, PA. Primary consultant and materials designer in CMU effort to establish a sustainable writing in the disciplines program at both undergraduate and graduate levels in the University's colleges of natural science, engineering, and computer science. Design print and website pedagogical materials for faculty members. 5/97- 6/98.

Director of Faculty Writing Instruction, Dept. of Biological Sciences/ College of Arts and Science, University of Pittsburgh, Pittsburgh, PA. Directed writing instruction for faculty and related pedagogical initiatives in the departments of Psychology, Chemistry, and Neuroscience. Designed and taught courses on scientific writing. Instructed faculty in writing curriculum design. Designed and taught course on professional communication (oral and written) to nonnative English speakers who are graduate students, post-docs and researchers in biology, medicine, neuroscience, and chemistry. Planned and presented honors seminars. Wrote and produced instructional video on using information systems to do research in university-level electronic libraries. 1/95- 12/97.

Editor, ATTW Bulletin. Served as editor of Bulletin of the Association of Teachers of Technical Writing, which has an international membership of over 1000 teachers and professional communicators. Independently responsible for all phases for newsletter production from solicitation of articles to design of final format. 1996-1999.

Adjunct Faculty, Carnegie Mellon University. Heinz School 1992-1997; English Department, 1994-1997. Taught courses on business, technical, and professional communication.

Communications Consultant, Aluminum Company of America, Alcoa Technical Center, Alcoa Center, PA. Taught technical communication skills, including writing and public speaking, to corporate research engineers, including both native and nonnative speakers of English. Taught seminars on technical communication, system documentation, and report writing to management and research staff. Edited science and engineering research reports and consulted on preparation of presentation materials. 6/91- 12/95.

Program Developer, Intercultural Communications Center, Carnegie Mellon University, Pittsburgh, PA. Developed program to provide general instruction in communications skills for nonnative speakers of English, particularly graduate students specializing in technical disciplines. Edited scientific manuscripts for peer-reviewed publication. Developed and taught intensive courses in culture and communication for nonnative speaking graduate students. 7/90- 12/94.

Researcher, Literacy in Science Research Center, Carnegie Mellon University, Pittsburgh, PA. Conducted research on expert strategies for producing functional text-illustration combinations in scientific and instructional texts. 1/89- 12/92.

Foreign Expert, Foreign Languages Department, Shanghai Jiao Tong University, Shanghai, P.R. China. Developed and taught expository and technical writing courses to science and technology Ph.D. candidates as well as to undergraduate and graduate English language majors. Developed and taught first university-approved course in American Culture. Appointed coordinator of foreign teachers. Edited English language documents for State Education Commission. Requisitioned first major contribution of teaching texts from U.S. government to a key University in China. 9/86-7/88.

Senior Research Associate, Document Design Center, American Institutes for Research, Washington, DC. Planned, wrote, designed, and tested computer documentation for multinational computer corporation. Conducted research in the visual design of print and on-line information. Organized in-house research seminars. Presented papers and workshops on the visual presentation of technical information. 5/84-7/86.

Document Design Consultant, Allen Bradley Company, Cleveland, OH. Researched, designed, and wrote handbook on technical documentation for company internal use (see Selected Publications). Analyzed staff management problems and presented findings and solutions in major report. 5/83-5/84.

Research Associate, International City Management Association, Washington, DC. Researched, designed, wrote, and edited monthly newsletter on water quality management under EPA grant. Conducted extensive research on electronic networks for environmental information. 9/79-10/80.

Researcher, Congressional Environmental Study Council, Washington, DC. Researched and wrote news analyses on water quality management and coal resource issues for bipartisan Congressional news agency. 5/79-9/79.

EXPERIENCE Technical Research

Physical Science Technician, U.S. Geological Survey, Reston, VA. Collected, prepared, and performed analysis of Eastern U.S. coals. Tested and developed new analytical equipment. Responsible for maintenance of data and laboratory. 10/81-11/82.

Paleobiology Staff, Smithsonian Institution, Museum of Natural History, Washington, DC. Researched and compiled taxonomic, geologic, biologic, and other data from original paleobotanical specimens and related scientific manuscripts. Responsible for some curatorial duties. Produced several museum exhibits. 10/80-10/81.

SELECTED PUBLICATIONS

- Fonseca, G., and Benson, P. 2003, Biodiversity Conservation Demands Open Access *PLoS Biology*: Vol. 1, No. 2, e46 DOI: 10.1371/journal.pbio.0000046
- Benson, P. 2002. Editing Science: No Single Road. *Science's Next Wave*. Feb. nextwave.sciencemag.org/cgi/content/full/2002/01/30/6
- Benson, P. 2001-2002. Journal of Electronic Publishing column "The More Things Change." www.press.umich.edu/jep/
- Zelevnik, J., Benson, P., and Burnett, R. (1999). *Technical Writing*. NY: Learning Express.
- Benson, P. (1998). Changing Moorings in Scientific Writing: Suggestions to Authors, Allusions for Teachers. In J. Battalio (Ed.), *Essays in the Study of Scientific Discourse: Methods, Practice, and Pedagogy*. ATTW/JAI Press (p.209-225). London: Ablex.
- Benson, P. (1997). Problems in Picturing Text. *Technical Communication Quarterly*, 6/2, 1-24.
- Benson, P. (1997). Illustrations, Instructions, and Collaboration in Designing Documents. *Intercom*, 44/6. 37-39.
- Benson, P. and Heidish, P. (1995). The ESL Technical Expert: Writing Processes And Classroom Practices. In D. Belcher and G. Braine (Eds.), *Writing In A Second Language In Academic Settings* (p. 313-330). Norwood, NY: Ablex.
- Benson, P. (1994). Diversity In The Technical Communication Classroom: Assessing And Addressing Special Needs Of English As A Second Language (ESL) Students. In R. Burnett *Teaching Technical Communication*. (p. 79-92). Belmont, CA: Wadsworth.
- Benson, P. and Burnett, R. (1991). The Shaping Of Written Communication. In B. Sims (Ed.) *Studies in Technical Communication*. (p.87-102). Denton: U. of North Texas Press.
- Benson, P. (1991). Cross-Orthographic Stroop Research: Leading Edge Research Or Lost Cause? *Visible Language*, 25, p. 5-17.
- Benson, P. and Burnett, R. (1990). Hand-Made Pages: Information Design By Pen And By Mouse. In B. Sims (Ed.) *Studies in Technical Communication* (p.1-26). Denton: U. of North Texas Press.
- Benson, P. (1990). Cognitive Processes In A Bilingual Novice Writer. *Sino-Platonic Papers*, Dept. of Oriental Studies: University of Pennsylvania.
- Benson, P. (1989). The Expanding Scope Of Document Design. *STC Technical Communication*, November issue.
- Benson, P. (1985). Writing Visually: Design Considerations In Technical Publications. *STC Technical Communication*, p.35-39.
- Benson, P. (1985). Guidelines for Preparing Technical Documentation. Allen Bradley: Cleveland. (Corporate handbook with later editions sold as teaching text.)
- Benson, P. (1984). The Oriental Flora Of Western Pennsylvania. *Carnegie Magazine*, May issue.

SELECTED PRESENTATIONS

- "Changing Context of Scientific Reading: The Role of Grey Literature in Conservation Science" Presentation at the 2002 Meeting of the Association of Teachers of Technical Writing. Chicago, IL, April 2002.
- "Towards improving the study of the usability of electronic forms of scientific information" Poster presented at the 2001 International Peer Review Congress. Barcelona, Spain. September 2001.
- "Plain language and reading." Talk given at meeting of Council of Education Association Publishers. Washington, DC, September 2000.
- "Human Factors in Reading Print and Online Text." Plenary Session. Conference of the Council Of Science Editors. San Antonio, TX. May 2000.
- "The Place of Technical and Scientific Communication in the Humanities Training," Conference on Reforming English Studies: New Designs for the Major, Howard University, Washington, DC. September, 1998.

- "Collaboration in designing instruction science text," CCCC Conference, Milwaukee, WI, March, 1996.
- "Problems in Picturing Text," International Visual Literacy Association Conference, Pgh, PA, 1992.
- "Document design in real time: Teaching workplace collaboration in the classroom," CCCC Conference, Chicago, IL, March, 1991.
- "Cognitive processes in a bilingual novice writer," Northeast Conference on Chinese Linguistics, Philadelphia, PA., May 1990.
- "Information design with pen and mouse," Workshop, CCCC Conference, Chicago, IL, March, 1990.
- "The changing roles of document designers," Writer in the Workplace Conference, Sacramento, CA., February, 1990.

SEMINARS/WORKSHOPS

- 2004 Chair of Panel on Electronic Publishing, Council of Science Editors, Vancouver, Canada
- 2002 Invited Participant, Expert Workshop on the Future of Electronic Publishing of Science, sponsored by the Institute for the Future and Stanford University, Palo Alto, CA,
- 2000 Information Design, Council of Science Editors Annual Meeting, San Antonio, TX.
- 1998 Writing in the Medical Sciences: A Workshop for Pre-IRDA Fellows at NIH. Sponsored by the National Institute of Mental Health, Bethesda, MD
- 1997 Writing in the Biological Sciences: A Workshop for Nonnative Speakers of English, U. of Pgh
- 1996 Writing in the Biological Sciences: A Workshop for Nonnative Speakers of English, U. of Pgh
- 1995 Technical Writing Seminar, Hughes Fellows Program, U. of Pgh
- 1995 Science Writing Workshop, Pymatuning Ecological Research Station, Pymatuning, PA
- 1993 Technical writing seminar, ALCOA Technical Center, Alcoa Center, PA.
- 1993 Technical writing seminar, Metallurgical Engineering Institute, Pgh, PA.
- 1991 Technical writing seminar, Allegheny Department of Health, Pgh, PA.

RELATED WORK

- Content Review Committee (External), BioOne
- Steering Committee, *Sustainability Science: Policy and Practice* eJournal
- Member, National Biological Information Infrastructure Towards Best Practices Publications, Executive Committee
- Member, Program Committee, Council of Science Editors 2002-2005
- Expert Consultant, Institute for The Future, eJournals Project (2002)
- Editorial Board Reviewer: *Journal of Business and Technical Communication*, STC's *Technical Communication*

PROFESSIONAL ASSOCIATIONS

Association of American Publishers/Professional/Scholarly Publishing Division (AAP/PSP)
 Council of Science Editors
 Society for Scholarly Publishing
 Society for Technical Communication

HONORS

2002, Society for Technical Communication, Best in the Show Award
 1989, Awarded Mellon Graduate Fellowship
 1987, P.R. China State Education Commission: Ranked status of Foreign Expert
 1986, National Computer Graphics Association: Significant Contribution
 1986, International Technical Communications Conference: Outstanding Achievement

LANGUAGES

Intermediate spoken Mandarin Chinese

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For a biographical profile, see: <http://www.plant-talk.org/stories/39primac.html>

EDUCATION

B.A. Magna Cum Laude 1972 Biology, Harvard University
Advisor: Prof. Carroll Wood;
Ph.D. 1976, Botany, Duke University, Durham, NC,
Advisor: Prof. Janis Antonovics.

POST-DOCTORAL AND SABBATICAL EXPERIENCE

Post-doc – University of Canterbury, Christchurch, New Zealand (1976-1978)
Post-Doctoral Advisor: Prof. David Lloyd;
Post-doc – Harvard University (1980-1981)
Post-Doctoral Advisor: Prof. Peter S. Ashton;
Bullard Fellow – Harvard University (1999-2000)
Visiting Professor – Tokyo University (2006),
Guggenheim Fellow – Harvard University (2006-2007)
Putnam Fellow – Harvard University (2006-2007)

EMPLOYMENT

Boston University
Assistant Professor (1978-1985)
Associate Professor (1985-1991)
Full Professor (1991-present)
Associate Director of Environmental Studies (1996-1998).

TEACHING

Plant Biology (Fall)
Conservation Biology (Spring)

RESEARCH INTERESTS

Conservation Biology, Tropical Ecology, Plant Ecology.

My current area of research, supported by grants from the National Science Foundation and the Arnold Arboretum, is the impact of climate change on plant and bird populations. I approach this topic through the analysis of historical records of bird arrival times, flowering times and populations sizes, combined with modern observations and experiments. My students and I work at field sites throughout eastern Massachusetts, with a primary focus on the plants of Concord, using the observations of the famous philosopher and naturalist Henry David Thoreau from 1851 to 1858 as a starting point. In addition to writing scientific articles, a major effort in this project involves reaching a wider audience through public talks, preparing popular articles and web-based materials, and interacting with science journalists.

For research summaries, see the Nature on-line article below, and the Boston University Arts and Sciences magazine:

<https://www.bu.edu/alumni/cas/magazine/archives/2006/summer/primack/index.html>.

Other long-term interests include tropical rain forest ecology and conservation education. Over the last 26 years, I have been working with colleagues in the Sarawak Forest Department in Malaysia to monitor changes in primary forests, and determine the impact of selective logging on species diversity and forest structure. My interest in conservation education is directed towards writing textbooks, and working with co-authors to produce conservation biology textbooks in other languages. In this way, I hope to reach as many people as possible with the message of conservation.

SELECTED RECENT SYNERGISTIC ACTIVITIES

- Author of two conservation biology textbooks; these have been translated into Arabic, Chinese (both books), Czech, French (for Madagascar), German, Hungarian, Italian, Indonesian, Japanese, Korean, Mongolian, Brazilian Portuguese, Romanian, Russian, Spanish (one for Spain and one for Latin America), and Vietnamese, with local examples added by in-country co-authors; six more translations will be completed within the next two years.
- Presented more than 40 talks on conservation biology over the past six years in Estonia, Brazil, Japan, South Korea, China, Hungary, Germany the Czech Republic, Spain, Romania, India and the United Kingdom.
- Book Review Editor (1993-1999); Society for Conservation Biology.
- Editor (2004-present); Biological Conservation
- President 2003; Past President 2004; Association for Tropical Biology and Conservation.
- Wildflower conservation research and restorations in eastern Massachusetts, involving over 300 elementary school children; results presented in two articles for the New York Times and a cover article in My Weekly Reader.
- Principal Investigator for a multi-investigator interdisciplinary project sponsored by the U.S. Man and the Biosphere Program to coordinate research on the Maya forest of Belize, Guatemala, and Mexico (1993 to 1998).
- Keynote speaker at various conferences: German Ecological Society, Halle, September 2003; Wuhan Botanical Garden Conference on Conservation Biology,

- December 2003; New York Natural History Conference, May 2004; Autumn Conference, University of Tartu, Estonia, October 2004; Wildlife Conservation Society of Japan, November 2004; Brazilian Botanical Congress, October 2005.
- School for Field Studies, External Reviewer of Kenya Program, 2000.
 - Harvard University, Visiting Committee for the Arnold Arboretum 2001-2003.
 - British Broadcasting Corporation, Consultant for Rain Forest Television Series, 2001-2005.

TEN RELEVANT PUBLICATIONS

(out of a total of 11 books, 19 translated books, 113 reviewed articles, 17 popular articles, and 28 notes, book reviews and comments):

Miller-Rushing, A. J., R. Primack, D. Primack, and S. Mukunda. Photographs and herbarium specimens as tools to document phenological changes in response to global warming. *American Journal of Botany*, in press.

Corlett, R. and R. Primack. 2006. Tropical rainforests: Why cross-continental comparisons are needed. *Trends in Ecology and Evolution* 21: 104-110.

Primack, R. 2006. *Essentials of Conservation Biology. 4th Edition*. Sinauer Associates. Sunderland, MA. 585 pages.

Primack, R. and R. Corlett. 2005. *Tropical Rain Forests: An Ecological and Biogeographical Comparison*. Blackwell Publishing.

Primack, D., C. Imbres, R. Primack, A. J. Miller-Rushing, and P. Del Tredici. 2004. Herbarium specimens demonstrate earlier flowering times in response to warming in Boston. *American Journal of Botany* 91: 1260-1264.

Ledneva, A., C. Imbres, A. Miller-Rushing, and R. Primack. 2004. Climate change as reflected in a naturalist's diaries. *Wilson Bulletin* 116: 224-231.

Wu, J., J. Huang, X. Han, X. Gao, F. He, M. Jiang, Z. Jiang, R. Primack, and Z. Shen. 2004. The Three Gorges Dam: an ecological perspective. *Frontiers in Ecology and the Environment* 5: 241-248.

Kobori, H. and R. Primack. 2003. Participatory conservation approaches for satoyama, the traditional forest and agricultural landscape of Japan. *Ambio* 32: 307-311.

Bhattacharya, M. R. Primack, and J. Gerwein. 2003. Are roads and railroads barriers to bumblebee movement in a temperate suburban conservation area? *Biological Conservation* 109: 37-45.

Primack, R. 2004. *A Primer of Conservation Biology, Third Edition*. Sinauer Associates, Sunderland, MA.

Curriculum vitae

Dr Susan Caroline Silver

Nationality: British

Marital status: Married

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MD 20895
USA

Tel: 301 469 2297 (home)
301 588 4691 ext 301 (work)
Email: suesilver4@comcast.net (home)
suesilver@esa.org (work)

Education and degrees:

1. Lycee Francais de Londres, London, UK (1960–1972)
2. Bedford College, University of London, UK (1974–1977)
Batchelor of Science, First Class Honours, Zoology
3. Queen Mary College, University of London, UK (1977–1980)
PhD in comparative neurophysiology and animal behaviour

Career details

March 2002 – present

Editor-in-Chief, *Frontiers in Ecology and the Environment*

Ecological Society of America, 1400 Spring Street, Suite 330, Silver Spring, MD 20910, USA

Responsible for the launch and continuing development of a new journal, *Frontiers in Ecology and the Environment*, for the Ecological Society of America. Prior to the launch of *Frontiers*, in February 2003, this involved concept and policy development for the scientific and editorial content, appointment of the Advisory and Editorial Boards, journal staff, an international team of science writers, and regular columnists, collaboration with designers, production personnel, and marketing/advertising staff, and commissioning papers. Ongoing responsibilities include overseeing content, developing new initiatives, commissioning, negotiating with authors, peer review, writing editorials, editing material for publication, staff management, and attending conferences to promote and represent the journal.

January 2000–February 2002

Editor, *The Lancet Oncology*

The Lancet Publishing Group, Elsevier Science London, 84 Theobald's Road, London WC1X 8RR, UK

Responsible for the development, launch, and editorship of the first of a series of specialty review journals for the Lancet Publishing Group, including concept development, appointment of the Editorial Board and journal staff, commissioning of articles, writing editorials, editing material for publication, staff management, and attendance at international oncology conferences to promote the journal and identify suitable authors and topics. The launch of the new journal, in September 2000, also involved close collaboration with designers, production, marketing, and advertising staff, and the creation of a team of science writers to cover news from around the world.

April 1992 – December 1999

Head of Journals and PR, and Editor of *Biologist* and *Biobits*

Institute of Biology, 20–22 Queensberry Place, London SW7 2DZ, UK

1. Responsible for commissioning articles, editorials and news items, editing, proof-reading, picture research, page and cover design, lay-out, paste-up and page checking for the Institute's main journal, *Biologist*, and newsletter, *Biobits*. Development of new series, and other initiatives to improve both publications. Organisation of production schedules. Liaison with authors, printers, photo libraries, the mailing house, the advertising manager, etc. Design and production of promotional material for the journal, and display material for exhibition stands. Attendance at conferences, exhibitions, and press launches, to promote and represent the journal and the Institute.
2. Planning and initiation of profile-raising activities for the IOB, in conjunction with the IOB Chief Executive, producing press releases, and responding to media requests for expert speakers on bioscience topics
3. Servicing of, and liaison with, the *Biologist* Editorial Board and the Public Relations Board. Member of the IOB Strategic Plan Task Force. Management of two members of staff. Drawing up of annual budgets for *Biologist* and *Biobits*, and for the PR Board, and obtaining quotes for any new departmental initiatives.

October 1986 – March 1992

Assistant Editor, *British Dental Journal*

British Dental Association, 64 Wimpole Street, London WC1M 8AL, UK

Responsible for the scientific content of the journal (22 issues per year). Duties included sub-editing, proof correction, lay-out and paste-up of pages, liaising with authors, scientific advisers, typesetters and printers, as well as attendance at the printers, when necessary, to pass the pages on press. In addition, responsible for the sub-editing and production of seven highly illustrated 4-colour books on a variety of dental subjects, from manuscript stage through to bound copies.

February 1985 – September 1986

Sub-editor, Academic Press, London NW1, UK

Worked on the monthly journal *Anaesthesia* and two bimonthly scientific titles (food technology, and the geology/biology of arid environments).

September 1984 – January 1985
Sub-editor, Current Medical Literature, Osnaburgh Street, London. UK

May 1984 – September 1984
Assistant Editor (temporary post), *Nature*, Macmillan Publishers Ltd, London, UK

Research

1983 – 1984 (one year grant)
Postdoctoral Research Assistant, Dept of Biological Sciences, City of London Polytechnic, London EC1, UK
Research: physiology and anatomy of auditory interneurons in the orthopteran central nervous system. Teaching: demonstrating, research tutorials.

1980 – 1983
Postdoctoral Research Assistant, Dept of Physiology, St Bartholomew's Hospital Medical School, London EC1, UK
Research: neuronal interactions and functional anatomy of the cephalopod retina.
Teaching: student tutorials on human physiology, lectures and demonstrating.

1972 – 1974
Junior Technician (teaching and research), Royal Free Hospital School of Medicine, London EC1, UK

Publications

Silver SC (1980) Ultrasonic production during stridulation by hydropsychid larvae (Trichoptera). *J. Zool. Lond.* **191**, 323–31.

Silver SC and Halls JAT (1980) Recording the sounds of Hydropsychid larvae – A cautionary tale. *J. comp. Physiol.* **140**, 159–161.

Silver S, Kalmring K, and Kuhne R (1980) The responses of central acoustic and vibratory interneurons in bushcrickets and locusts to ultrasonic stimulation. *Physiol. Entomol.* **5**, 427–435.

Kuhne R, **Silver S**, and Lewis DB (1984) Processing of vibratory and acoustic signals by ventral cord neurons in the cricket *Gryllus campestris*. *J. Insect Physiol.* **30**(7), 575–85.

Patterson JA and **Silver SC** (1983) Afferent and efferent components of *Octopus* retina. *J. comp. Physiol.* **151**, 381–87.

Silver SC, Kuhne R and Lewis DB (1984) Two-tone interactions and song coding in identified ventral cord neurons in the cricket. *Acoustic Letters* **7**(9), 135–140.

Recent Presentations

1. Speaker: “Behind the curve: the need for capacity-building in Research Non-governmental organizations” – Council of Science Editors (Atlanta, GA – 2005)
2. Speaker: “Changes in the Freelance Environment” – Council of Science Editors Annual Meeting (Atlanta, GA – 2005)
3. Organizer and Speaker: “What Editors Want” – ESA Annual Meeting (Montreal, Canada – 2005)
4. Organizer and Moderator: Is your journal worth the paper it is printed on? Council of Science Editors (Tampa FL, 2006)
5. Moderator: Post-publication Evaluation: Is There Life After the Impact Factor? Society for Scholarly Publishing Annual Meeting (Arlington VA, 2006)

Current Board/Committee memberships

SSPP Steering Committee – *Sustainability: Science, Policy, and Practice* (NBII & CSA) 2004–2005

Editorial Board – *The Wildlife Professional* (The Wildlife Society) 2006 – present)

Languages

Fluent in French and German