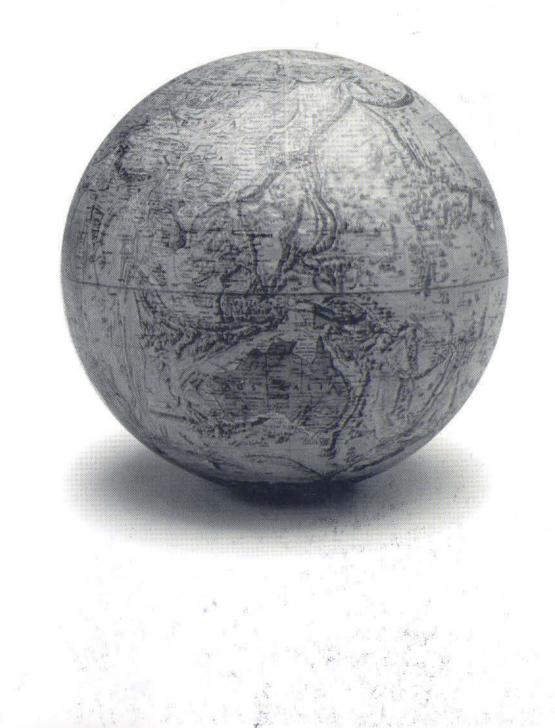
The Nature of Science

UnderCurrents Volume 8 \$6



Founded in 1988, UnderCurrents is an independent non-profit journal dedicated to the publication of critical work in the broad field of environmental studies. Produced by graduate students at the Faculty of Environmental Studies, York University, the journal publishes work by writers from a wide variety of experiential and academic backgrounds. The journal seeks to make explicit and contest the destructive political and cultural conceptions of natural and built environments that have precipitated the contemporary ecological crisis.

See the inside back cover for information on guidelines for submissions.

Orders and Editorial Correspondence: UnderCurrents c/o Faculty of Environmental Studies, York University 4700 Keele Street, North York, Ontario M3J 1P3 (Canada) Phone: 416-736-5252 Fax: 416-736-5679 Internet: ES_Under@orion.yorku.ca

Single Copies: \$6 for individuals Institutions, bookstores, and other commercial outlets in Canada, contact: Doormouse Distribution 65 Metcalfe Street, Suite #6 Toronto, ON M4X 1R9

Phone: (416) 968-6890

Back Issues Available:

- 1995 The Politics of Natural Space
- 1994 Queer Nature
- 1993 Fragmenting Author-ity
- 1992 Situated Knowledge
- 1991 The Representation and Domination of Nature
- 1990 Nature, Culture, Self

A Note to Educators: Please do not duplicate articles in this journal. If you wish to share information in this journal, please order a copy, as every issue that remains unsold threatens the existence of the journal. Thank you.

UnderCurrents is Copyright © 1996. All rights reserved. The copyright in and to the individual texts, photographs, and illustrations in UnderCurrents is owned by the contributors as credited.

UnderCurrents ISSN 0843-7351, August 1996

Contents

- 2 EDITORIAL ESSAY
- 4 Science and the Tatshenshini Controversy Anne Bell
- 9 Castle Pass, 8000 ft. A Poem By Joanna Beyers
- 10 The Gendered Construction of Science Amy Block
- 15 Taxonomy Robert Plitt
- 16 Caveat Manipulator: (Re)forming Geographic Information Systems Tres Fromme
- 19 Blue planet in a darker heaven ca 2 ga (and earlier) Joanna Beyers
- 20 The Non-Science Science of Complexity Theory: Towards a New Scientific Construction of Nature Guy Letts
- 25 Boundary Work in Regulatory Controversies Karl-Michael Nigge
- 30 Inside the Hall of Silence (a biostratigraphically correct poem) Joanna Beyers
- 31 Some Short Thoughts on Morality, Ecology and Nature Laurie Miller
- 33 Biology as Religion: Genetic Code as Bible, Scientist as Priest, and Genetic Counselling as the Confessional Dean Bavington

39 REVIEW ESSAY

Science and the Paradox of Harmony Luke Wallin

42 SHORT REVIEWS

Beyond the Car: Essays on the Auto Culture, edited by Gordon Laird and Sue Zielinski Reviewed by John Sandlos

Cloak of Green, by Elaine Dewar Reviewed by John Sandlos

44 Techno-nature on Graham Island, Haida Gwaii Adrian Ivakhiv

General Editors: Laurie Miller, John Sandlos, Laura Wood

Editorial Committee: Onek Adyanga, Amy Block, Dagmar Boettcher, Elizabeth Bruckmann, Rose Cullis, Liana DiMarco, Shannon Hartigan, Rose Marie Kennedy, Mark Lutes, Laurie Miller, Eva Musso, John Sandlos, Derek Teevan, Janice Vogtle, Phillipa Wild, Laura Wood

Design/Production: Lesia Olexandra

Printer: King Print, Toronto, Ontario

Funding Support: The Graduate Environmental Studies Student Association, York University; Faculty of Environmental Studies, York University; Graduate Students' Association, York University; The Faculty of Graduate Studies, York University

Special Thanks: Laurie Miller, Joanne Nonnekes, Susan Jagminas, Catriona Sandilands