

Cycle History: Proceedings of the 5th. International Cycle History Conference



Cycle History

Proceedings of the 5th. International Cycle History Conference

Cambridge, England
September 2-4, 1994

Edited by Rob van der Plas

Frontispiece photograph from Andrew Ritchie
collection, provided by John Malseed and Rod Safe

Published by Bicycle Books, Inc., San Francisco
on behalf of the International Cycle History Conference

Copyright © with the individual authors, 1995

1st printing February 1995

Printed in the United States of America by Thomson-Shore, Dexter, MI

Cover design Rob van der Plas, based on historic illustrations provided by Andrew Ritchie

Published by Bicycle Books, Inc.
1282 - 7th Avenue
San Francisco, CA 94122
U.S.A.
Tel. (415) 665-8214
Fax (415) 753-8572

Availability Copies of this book available by mail from the publisher at the above address at U.S. \$45.00 plus a postage & handling charge of U.S. \$3.50 within the U.S. and Canada, elsewhere U.S. \$5.00 surface mail, U.S. \$12.50 airmail.

Publisher's Commitment 15% of the net proceeds from this publication are earmarked for support of the organizers of the Conference.

Library of Congress
Catalogue Card Number 95-75283

ISBN 0-933201-72-9

Table of Contents

1.	Thinking About Thinking About Cycles	Russell Mills	11
2.	Aspects of a Historical Geography of Technology: A Study of <i>Cycling</i> , 1919–1939	David L. Patton	21
3.	Developing a Methodological Approach to the History and Meaning of Velocipedes, Bicycles, and Tricycles	Andrew Ritchie	29
4.	The Bicycle—An Exercise in Gendered Design	Nicholas Oddy	37
5.	The Edinburgh Tricycle	Alastair Dodds and Alex Brown	45
6.	Diamonds Are Forever: The Socio-Technical Shaping of Bicycle Design	Paul Rosen	51
7.	New Tubes for Old	Mike Burrows	59
8.	The Bamboo Bicycles of Grundner & Lemisch, Austria	Walter Ulreich	61
9.	The Dancing Chain: One Hundred Years of Derailleur Gears	Ron Shepherd	71
10.	Touring Bicycle Technical Trials in France, 1901–1950	Raymond Henry	79
11.	Tribology and the Cyclist	Ken James	87
12.	Founding of the Dunlop Tyre Company	H. D. Higman	91
13.	Colonel Pope and the Founding of the U.S. Bicycle Industry	Albert A. Pope	95
14.	The Founding of the Hercules Cycle & Motor Co. Ltd.	Andrew Millward	99
15.	Peddling the Bicycle and the Development of Mass Marketing	Ross D. Petty	107
16.	A New View of Late 19th-Century Cycle Publicity Posters	Nadine Besse and André Vant	117
17.	From Cycling Lanes to Compulsory Bike Path: Bicycle Path Construction in Germany, 1897–1940	Volker Briese	123
18.	Cycling or Roller Skating: The Resistible Rise of Personal Mobility	Hans-Erhard Lessing	129
19.	Clubs—Their Part in the Study of Cycle and Cycling History	Les Bowerman	133
20.	Malvern Cycling Club, 1883–1912: Social Class, Motivation, and Leisure Use	Roger Alma	139
21.	Little and Often—The Records of the Amateur Bicycle Club	Nick Clayton	149
22.	T. H. S. Walker—English Cycling Pioneer in Germany	Rüdiger Rabenstein	155
23.	The Michaux Memorial Campaign	David V. Herlihy	161
24.	The Hoopdriver Recycle	John McVey	171
	Other Books from Bicycle Books		175

List of Contributors

Name	Address	Telephone	Position	Remarks
Alma, Roger	11 Hanley Orchard Hanley Swan Worcester WR8 0DS Great Britain	0684-310623		
Besse, Nadine	Musée d'Art et d'Industrie Place Louis Comte 42000 St. Etienne France	773-30485	Curator, Museum of Art and Industry, St. Etienne, France	Paper prepared with André Vant, translated by Roland Sauvaget
Bowerman, Les	Send Manor Ripley, Surrey GU23 6JS Great Britain	483-224-876	Editor of <i>News & Views</i> (Veteran Cycle Club); collector	
Briese, Volker	Elser Kirchstr. 39 33106 Paderborn Germany			
Burrows, Mike	11 Basey Road Rackheath Industrial Estate Norwich NR13 6PZ Great Britain	0603-721700	Designer; Principal, Burrows Engineering	
Clayton, Nick	34 Congleton Road Alderley Edge Cheshire SK9 7AS Great Britain	625-582146	Editor of <i>The Boneshaker</i> ; collector	
Dodds, Alastair	Royal Museum of Scotland Chambers Street Edinburgh EH1 1JF Great Britain	31-2257534	Curator of Road Transport Department of Science, Technology and Working Life	Paper prepared with Alex Brown
Henry, Raymond	124 Chemin de Provence 84320 Entraigues France	906-21308	Member of the Cultural Commission of the FFCT	Paper translated by Roland Sauvaget
Herlihy, David	PO Box 15077 Boston, MA 02215 U.S.A.	617-437-0437	Freelance writer; President of the Lallement Memorial Committee, Boston	
Higman, H. David	Oswestry Transport Museum Oswald Road Oswestry, Shropshire Great Britain	0691-671749		
James, K. W.	Van Road Caerphilly Mid Glamorgan CF8 3ED Great Britain	0222-852700	President, Goldtec Cycle Components Ltd.	
Lessing, Hans-Erhard	Waldparkstrasse 25 68163 Mannheim Germany	621-813-786	Professor, Center for Arts and Materials Technology (ZKM), Karlsruhe	Not personally present; paper read

Name	Address	Telephone	Position	Remarks
McVey, John	19 High Street Whittlebury Northants NN12 8XH Great Britain	0327-857840		
Mills, Russell	Vermont Technical College Randolph Center, VT 05061 U.S.A.	802-728-3391		Keynote Speaker
Millward, Andrew	School of Manuf. Systems Univ. of Central England Perry Barr Birmingham B42 2SU Great Britain	021-3316274		
Oddy, Nicholas	44 Findhorn Place Edinburgh EH9 2NT Great Britain	031-667-5818	Professor of Industrial Design, Teeside Polytechnic	
Patton, David	Department of Geography University of Cambridge Downing Place Cambridge CB2 3EN Great Britain	0223-333399		
Petty, Ross	Babson College Babson Park, MA 02157 U.S.A.	617-235-1200	Associate Professor of Law, Babson College	
Pope, Albert A.	Village Centre, PO Box 468 Stanfordville, NY 12581 U.S.A.	914-868-1188		
Rabenstein, Rüdiger	Hagenkamp 216 48308 Senden Germany	2597-1018	Professor of Sports Studies, Westphälische Wilhelms- Universität, Münster	
Ritchie, Andrew	1617 Oxford Street Berkeley, CA 94709 U.S.A.	510-841-5809		
Rosen, Paul	School of Independent Studies, Lancaster University Lancaster LA1 4YN Great Britain	0524-842700		
Shepherd, Ron	Bicycle Victoria P.O. Box 275 East Melbourne 3002 Australia	613-417-5771		
Ulreich, Walter	Hauptstrasse 35A 2371 Hinterbruehl Austria	2236-23614		

Publisher's Disclaimer

All facts and opinions stated in this work are strictly those of the individual authors. The publisher and editor are not responsible for their accuracy.

Illustrations used, except as stated, are provided by the individual authors, who are responsible for any copyright questions arising from their use in this publication.

Only the contributions received by the publisher before the publication deadline (15 December 1994) have been included in this work.

The sequence in which the contributions are presented here is arbitrarily determined by the editor, consistent with the most logical grouping of related subject matter.

Editor's Preface

The International Cycle History Conference has come of age. The 5th such conference, held 2–4 September 1994 at Emanuel College in Cambridge, of which this volume presents the proceedings, was not only a truly international event; it was exceptionally well attended and presented a wide range of topics. It also demonstrated that history is not dead: several of the contributions dealt with what could be described as history in the making—new technologies and developments that are logical outcomes of preceding historical developments in the past.

The Conference was ably organized by David Patton with the assistance of a dedicated group of people in Cambridge. In addition, much of the support had been provided by the University's Department of Geography and by Emanuel College, where the conference was held and where the participants were housed.

At the concluding plenary session, it became clear that the participants wanted to see these conferences continued on a regular—and preferably annual—basis. In this vein, it was agreed to choose the venues for the next two conferences: South Africa in 1995, and the Netherlands in 1996.

After the volume covering the 1993 conference in Boston, this is the second volume of Proceedings to be published by Bicycle Books, and I would like to express my appreciation for the faith placed in our efforts to provide the best and most accessible Proceedings in book form.

In a volume as diverse as this one, the form and sequence of presentations can be a big factor in determining its usefulness and readability. I have followed essentially the format established for the 1993 conference Proceedings. As for the sequence, I have tried to group the individual contributions into categories of related subjects as much as possible.

Unlike its predecessors, this conference was not planned to have a specific focal theme. When compiling and editing the materials, however, it

became apparent that at least two important aspects had emerged in several papers. These were firstly the fact that history is a continuum and is still being made today, and secondly the early emergence of commercialism and advertising. The latter theme provided the inspiration for the dustjacket design and the frontispiece illustration selection for this volume.

Notes on the Dustjacket and Frontispiece Illustration

The illustrations on the front and the flaps of the dustjacket depict the early technique used to produce line illustrations for use in catalogues, when the line engravings were copied—probably traced—from photographs. This group of illustrations shows an interesting modified “boneshaker” design with a pivoted frame.

The main illustration is based on the same photograph that is used for the frontispiece. It depicts an unidentified man (it has been suggested that he may be the early English champion James Moore), with a Phantom bicycle. The photo was taken in a studio (probably the original photo was a *carte de visite*), against a rural backdrop. The line engraving is from the Phantom catalogue, and shows how early bicycle manufacturers were able to make use of photography in their advertising from the earliest time of the industry.