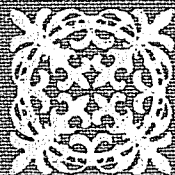


EDITING, PUBLISHING AND
COMPUTER TECHNOLOGY

EDITED BY
SHARON BUTLER
AND
WILLIAM P. STONEMAN



EDITING, PUBLISHING AND
COMPUTER TECHNOLOGY

Papers given at the twentieth annual
Conference on Editorial Problems
University of Toronto
2-3 November 1984

EDITED BY
SHARON BUTLER
AND
WILLIAM P. STONEMAN

AMS PRESS, INC.
New York

Library of Congress Cataloging-in-Publication Data

Conference on Editorial Problems (20th : 1984 :
University of Toronto)
Editing, publishing, and computer technology.

Includes index.

1. Editing—Congresses. 2. Scholarly publishing—Data
processing—Congresses. 3. English language—Lexicography—
Congresses. 4. Shakespeare, William,
1564-1616—Bibliography—Congresses. I. Butler, Sharon,
1942— . II. Stoneman, William P. III. Title.
PN162.C62 1984 808'.02'0285 87-45815
ISBN 0-404-63670-5

All AMS books are printed on acid-free paper that meets the
guidelines for performance and durability of the Committee on
Production Guidelines for Book Longevity of the Council on
Library Resources.

Copyright©1988 AMS PRESS, INC.
All rights reserved.

AMS PRESS
56 east 13th Street
New York, N.Y. 10003, U.S.A.

Manufactured in the United States of America.

Contents

Notes on Contributors	7
Introduction Sharon Butler and William P. Stoneman	13
Waterloo and the <i>New Oxford English Dictionary</i> Project John Stubbs and Frank Wm. Tompa	19
Computers and Leixcography: The <i>Dictionary of Old English</i> Ashley Crandell Amos	45
"Yet there is method in it": The <i>Cumulative Shakespeare Bibliography</i> – A Product of Project Planning in the Humanities Harrison T. Meserole and John B. Smith	65
Software Requirements for Computer-Aided Critical Editing Wilhelm Ott	81
A Mainframe-Based Photocomposition System for Scholarly Publishing Thomas C. Faulkner	105
Index	143
Members of the Conference	149

IN MEMORIAM

Angus Fraser Cameron
1941–1983

Notes on Contributors

ASHLEY CRANDELL AMOS is Co-Editor of the *Dictionary of Old English* Project at the University of Toronto. She is the author of *Linguistic Means of Determining the Dates of Old English Literary Texts* (Cambridge, Massachusetts: Medieval Academy of America, 1980) and with Angus Cameron and Allison Kingsmill of *Old English Word Studies: A Preliminary Author and Word Index* (Toronto: University of Toronto Press, 1983).

SHARON BUTLER was a member of the editorial staff of the *Dictionary of Old English* Project. She was the editor, with Richard L. Venezky, of *A Microfiche Concordance to Old English: The High Frequency Words* (Toronto: *Dictionary of Old English* Project, 1985) and, with Constance Hieatt, of *Curry on Inglysch: English Culinary Manuscripts of the Fourteenth Century* (London: Early English Text Society, 1985). Professor Butler died in 1986 as the result of complications arising from amyotrophic lateral sclerosis.

8 / CONTRIBUTORS

THOMAS C. FAULKNER is a Professor of English and Director of the Humanities Research Center at Washington State University. He is the editor of *Selected Letters and Journals of George Crabbe* (Oxford: Clarendon Press, 1985) and textual editor for the Clarendon Press edition of Robert Burton's *The Anatomy of Melancholy*, in preparation.

HARRISON T. MESEROLE is a Distinguished Professor of English and Abell Professor of Liberal Arts at Texas A & M University. He is the Editor of *Seventeenth Century News* and of *Shakespeare Quarterly's* annual "World Shakespeare Bibliography".

WILHELM OTT is Head of the Abteilung literarische und dokumentarische Datenverarbeitung, Zentrum für Datenverarbeitung der Universität Tübingen. His department's TUSTEP, Tübingen System of Text Processing Programs, has been used extensively in the preparation of editions, indices, concordances, bibliographies and analyses of stylistic features. It was used to prepare Hans Walter Gabler's edition of James Joyce's *Ulysses: A Critical and Synoptic Edition* (New York: Garland, 1984) and Wolfhard Steppe's *A Handlist to James Joyce's Ulysses: A Complete Index to the Critical Reading Text* (New York: Garland, 1985).

JOHN B. SMITH is a Professor of Computer Science at the University of North Carolina at Chapel Hill. His interests in text and natural language processing have led to the development of ARRAS and MICROARRAS, a full text retrieval and analysis system, and WE, a writing environment system. He is the author of numerous studies on computer applications to language and literature and on computers and literary criticism.

JOHN O. STUBBS was Co-Director of the *New Oxford English Dictionary* Project and an Associate Professor of History at the University of Waterloo. He is now a Professor of History and President and Vice-Chancellor of Trent University, Peterborough, Ontario.

WILLIAM P. STONEMAN was Assistant to the Principal, Victoria College, University of Toronto. He is now an Assistant Professor of English at the University of Windsor.

FRANK WM. TOMPA is Co-Director of the *New Oxford English Dictionary* Project and a Professor of Computer Science at the University of Waterloo. He is the author of numerous studies on database design and information retrieval.