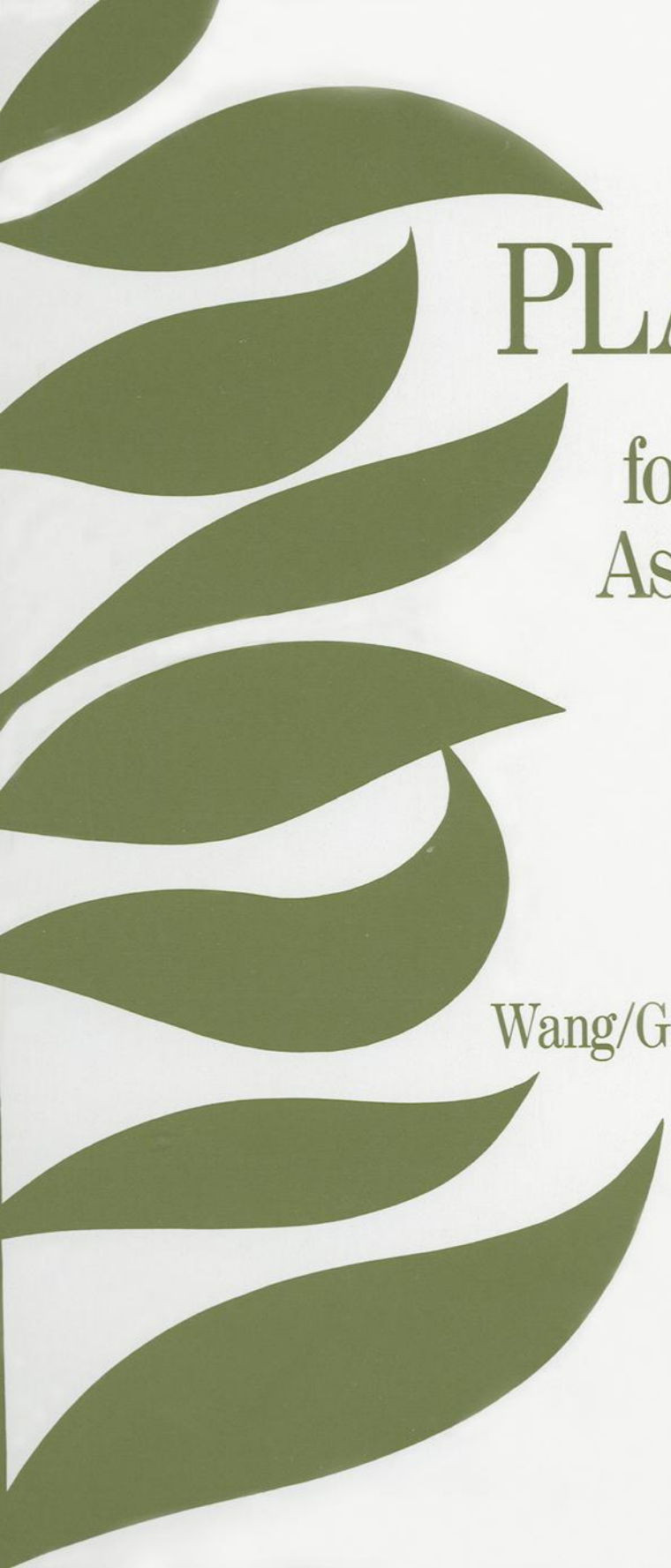

PLANTS

for Toxicity Assessment

Wang/Gorsuch/Lower
editors

ASTM
STP 1091

STP 1091

Plants for Toxicity Assessment

Wuncheng Wang, Joseph W. Gorsuch, and William R. Lower, editors

ASTM
1916 Race Street
Philadelphia, PA 19103

Library of Congress Cataloging-in-Publication Data

Plants for toxicity assessment / W. Wang, J. W. Gorsuch, and W. R. Lower, editors
p. cm.—(STP; 1091)
Papers from the First Symposium on Use of Plants for Toxicity Assessment, held in Atlanta, Ga., Apr. 19–20, 1989, and sponsored by ASTM Committee E-47 on Biological Effects and Environmental Fate and its Subcommittee E47.11 on Plant Toxicity.
"ASTM publication code number (PCN) 04-010910-16"—T.p. verso.
Includes bibliographical references and index.
ISBN 0-8031-1397-8
1. Plants, Effect of pollution on—Congresses. 2. Plant indicators—Congresses. 3. Toxicity testing—Congresses. 4. Biological monitoring—Congresses. I. Wang, Wuncheng. II. Gorsuch, J. W. (Joseph W.), 1947– . III. Lower, W. R. IV. Symposium on Use of Plants for Toxicity Assessment (1st: 1989: Atlanta, Ga.) V. ASTM Committee E-47 on Biological Effects and Environmental Fate. Subcommittee E47.11 on Plant Toxicity. VI. Series: ASTM special technical publication; 1091.
QK750.P56 1990
615.9'07—dc20 90-40925
CIP

NOTE

The Society is not responsible, as a body,
for the statements and opinions
advanced in this publication.

Peer Review Policy

Each paper published in this volume was evaluated by three peer reviewers. The authors addressed all of the reviewers' comments to the satisfaction of both the technical editor(s) and the ASTM Committee on Publications.

The quality of the papers in this publication reflects not only the obvious efforts of the authors and the technical editor(s), but also the work of these peer reviewers. The ASTM Committee on Publications acknowledges with appreciation their dedication and contribution of time and effort on behalf of ASTM.

Printed in Baltimore, Md.
September 1990

Foreword

The First Symposium on Use of Plants for Toxicity Assessment was held in Atlanta, Georgia, on 19–20 April 1989. ASTM Committee E-47 on Biological Effects and Environmental Fate and its Subcommittee E47.11 on Plant Toxicity sponsored the event.

The symposium chairmen were: Wuncheng Wang, Illinois State Water Survey; Joseph W. Gorsuch, Eastman Kodak Company; and William R. Lower, University of Missouri. They have also served as editors of this volume.

Contents

Plants and Air Pollution

General Phytotoxicology

ISBN 0-8031-1397-8