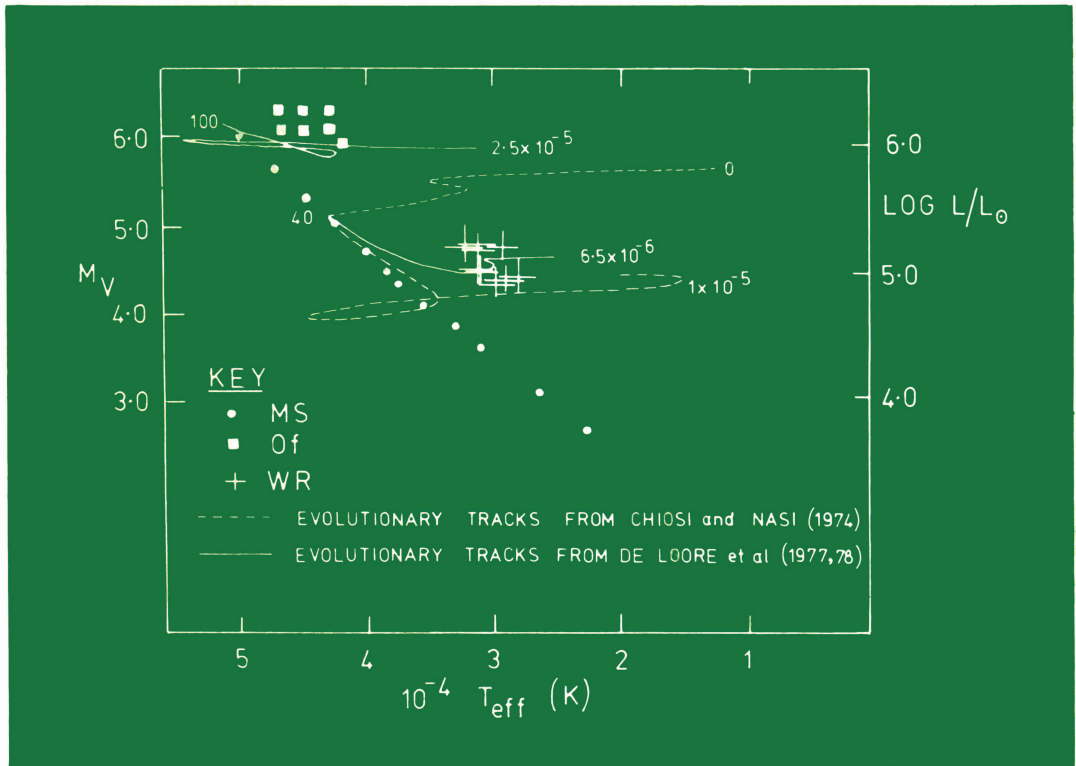


# MASS LOSS AND EVOLUTION OF O-TYPE STARS

Edited by PETER S. CONTI and C. W. H. DE LOORE



INTERNATIONAL ASTRONOMICAL UNION

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BOSTON : U.S.A. / LONDON : ENGLAND



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IAU SYMPOSIUM No. 83

The main aim of the IAU meeting held in Canada last year was to bring together observers and theoreticians to discuss the stellar winds and mass loss rates and the effects of O-type stars. The meeting restricted itself to addressing the subject of O stars because it was thought that not enough time was available to discuss related topics.

The first three sessions of the symposium were devoted to outlining the existing data on mass loss rates of the O-type stars. While there is some reasonable agreement about the mass loss rates observed in a few stars, there is no consensus yet about the physical causes for the very extensive stellar winds that are found. A panel discussion was held to try and find further agreement on this topic.

The symposium also included a few detailed theoretical contributed papers as well as some results on binary stars. Theoretical considerations of the evolution of O-type stars when mass loss is taken into account were also included in the meeting and several indirect arguments about mass loss were presented. The final session was concerned with the descendants of the O-type stars, WR objects, both from an observational aspect and from a theoretical one.

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LONDON : ENGLAND

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INTERNATIONAL ASTRONOMICAL UNION  
UNION ASTRONOMIQUE INTERNATIONALE

SYMPOSIUM No. 83  
HELD AT VANCOUVER ISLAND, CANADA  
JUNE 5-9, 1978

# MASS LOSS AND EVOLUTION OF O-TYPE STARS

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D. REIDEL PUBLISHING COMPANY

DORDRECHT : HOLLAND / BOSTON : U.S.A. / LONDON : ENGLAND



Library of Congress Cataloging in Publication Data

**CIP**

Main entry under title:

Mass loss and evolution of O-type stars.

(Symposium - International Astronomical Union ; no. 83)

Includes index.

1. O stars--Congresses. I. Conti, Peter S. II. Loore, Camiel W. H. de

III. Series: International Astronomical Union. Symposium ; no. 83.

QB843.012M37 523.8 79-11933

ISBN 90-277-0988-2

ISBN 90-277-0989-0 pbk.

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*Published on behalf of  
the International Astronomical Union*

*by*

*D. Reidel Publishing Company, P.O. Box 17, Dordrecht, Holland*

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*Lincoln Building, 160 Old Derby Street, Hingham,*

*Mass. 02043, U.S.A.*

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*Printed in The Netherlands*

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