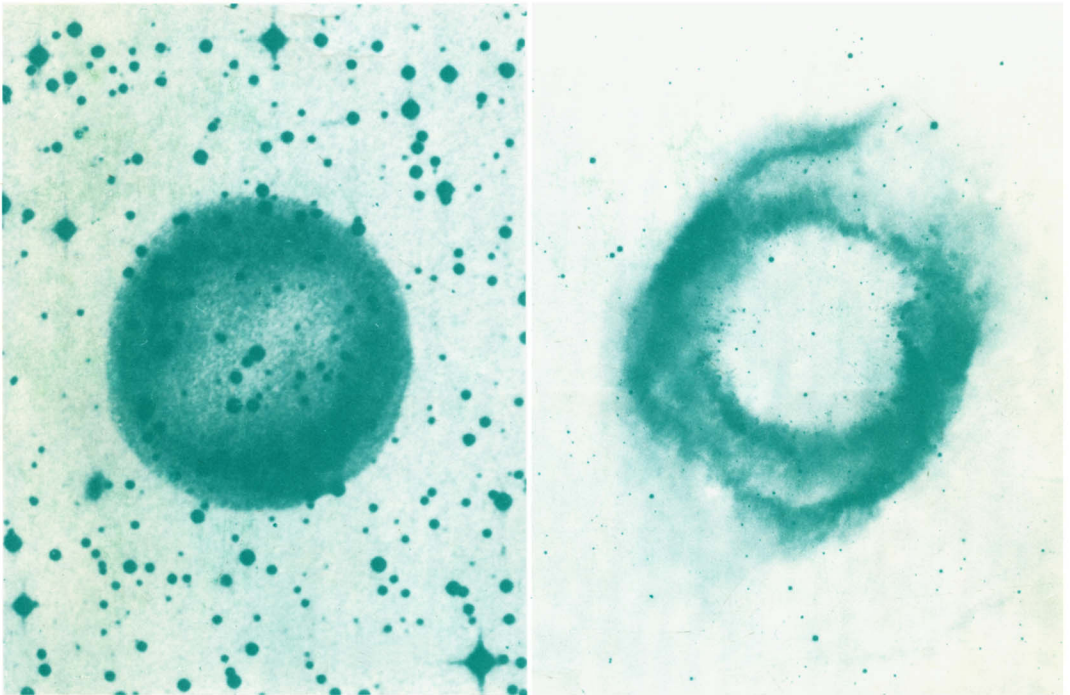


INTERNATIONAL ASTRONOMICAL UNION

SYMPOSIUM No. 76

PLANETARY NEBULAE

Edited by YERVANT TERZIAN



INTERNATIONAL ASTRONOMICAL UNION

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PLANETARY NEBULAE

Observations and Theory

SYMPOSIUM No. 76

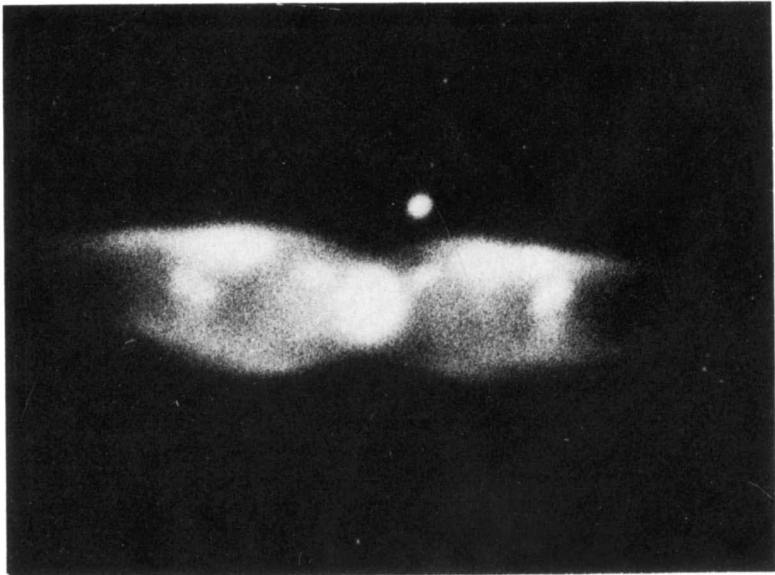
Planetary Nebulae have recently been understood as a normal avenue of the late stages of stellar evolution for a wide range of stellar masses. The nebulae result from the expulsion of the outermost parts of red giant or supergiant stars. Significant progress in recent years includes ultraviolet observations above the earth's atmosphere; infrared observations indicating the association of dust with the envelopes; detection of molecular clouds around the ionized envelopes; and high resolution radio synthesis maps showing the accurate mass distribution of the hot envelopes. The role of Planetary Nebulae in the chemical evolution of the galaxy, and in the physical state of the interstellar medium has also been explored. The topics presented by leading researchers in the field are up-to-date accounts of the observational and theoretical work on Planetary Nebulae.

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PLANETARY NEBULAE
OBSERVATIONS AND THEORY



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NAIC, Cornell University



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