

Cambridge University Press

978-0-521-48390-2 - Cecilia Payne-Gaposchkin: An Autobiography and Other Recollections, Second Edition

Edited by Katherine Haramundanis

Table of Contents

[More information](#)

## Contents

Cecilia Payne-Gaposchkin: an introduction <i>by Virginia Trimble</i>	vii
An introduction to 'The dyer's hand' <i>by Jesse L. Greenstein</i>	1
An historical introduction to 'The dyer's hand' <i>by Peggy A. Kidwell</i>	11
A personal recollection <i>by Katherine Haramundanis</i>	39
The dyer's hand: an autobiography <i>by Cecilia Payne-Gaposchkin</i>	
Dedication	70
Foreword	71
PART I THE VISION SPLENDID	75
1 Backgrounds	77
2 Beginnings	84
3 Prelude to education	90
4 Birth of a dream	96
5 Dramatic interlude	104
6 The dream fulfilled	108
7 Pathway to the stars	112
PART II THE LIGHT OF COMMON DAY	127
8 England and the United States	129
9 Harvard College Observatory	137
10 The cradle of astrophysics	144
11 Harlow Shapley	154

Cambridge University Press

978-0-521-48390-2 - Cecilia Payne-Gaposchkin: An Autobiography and Other Recollections, Second Edition

Edited by Katherine Haramundanis

Table of Contents

[More information](#)vi ***Contents***

12	<b>Stellar atmospheres</b>	159
13	<b>Spectra and luminosities</b>	167
14	<b>Editorial experiences</b>	173
15	<b>Visiting astronomers</b>	177
16	<b>At the cross roads</b>	182
<b>PART III THE DYER'S HAND SUBDUED</b>		187
17	<b>Turning point</b>	189
18	<b>Prolegomena to variable stars</b>	198
19	<b>International problems</b>	203
20	<b>End of an era</b>	207
21	<b>Retrospect</b>	213
<b>PART IV REFLECTIONS</b>		217
22	<b>On being a woman</b>	219
23	<b>Science and myth</b>	228
24	<b>Worlds not realized</b>	234
<b>Bibliography of works by Cecilia Payne-Gaposchkin</b>		239
<b>Postlude</b>		256
<b>Index</b>		259