



Contents

Preface	vii
Acknowledgements	ix
Introduction	xiii
Chapter One (Richard Handy)	
Sketching the Moon	1
1.1 Graphite Pencil Sketching	2
1.2 Charcoal Sketching (by E.Rix)	6
1.3 Pen Sketching	10
1.4 White Chalk on Black Paper Sketching	16
Chapter Two (Jeremy Perez)	
Sketching Comets	23
2.1 Sketching a Comet and Its Motion	24
2.2 Creating a Wide Field Comet Sketch	32
2.3 Assessing Cardinal Directions	39
2.4 Sketch and Observational Log Sheets	40
2.5 Sketching Faint Objects in Low Light	42
Chapter Three (Erika Rix)	
Sketching the Sun	47
3.1 Basic White Light Sketching	50

3.2 Projection Sketching	52
3.3 Ha Filter Sketching: Prominences	58
3.4 Ha Full Disk Sketching	63
 Chapter Four (Sol Robbins)	
Sketching the Planets	69
4.1 Sketching Saturn	72
4.2 Sketching Jupiter	78
4.3 Sketching Mars	86
 Chapter Five (Jeremy Perez)	
Sketching Star Clusters	97
5.1 Sketching a Simple Open Cluster	99
5.2 Sketching a Complex Open Cluster with Unresolved Stars	105
5.3 Sketching a Simple Unresolved Globular Cluster	113
5.4 Sketching a Complex Globular Cluster	118
5.5 Marking Stars	126
5.6 Correcting Misplotted Stars	128
5.7 Stippling Technique	129
 Chapter Six (Jeremy Perez)	
Sketching Nebulae	133
6.1 Sketching a Diffuse Nebula	134
6.2 Sketching a Planetary Nebula	141
6.3 Producing a Contour Sketch of a Dark Nebula	145
6.4 Producing a Shaded Sketch of a Dark Nebula	149
6.5 Using a Blending Stump	153
6.6 Using a Kneaded Eraser	157
6.7 Sketching Negative Versus Positive	159
 Chapter Seven (David B. Moody)	
Sketching Galaxies	163
7.0 Getting Started	164
7.1 Your First Galaxy	166
7.2 The Next Step: An Irregular Galaxy and Dark Lanes	170
7.3 Tips and Tricks	172
7.4 Some Great Starter Galaxies to Sketch	175
 Appendix A: Observing Forms and Sketch Templates	
Appendix B: Glossary	177
Appendix C: Online Resources	183
Index	189
Index	193