

# Contents

*A book for those aiming their camera upwards.*

Contents	3	<b>Deep-Sky Imaging</b>	
Preface	5	<i>Raising the Bar</i>	138
About The Author	7	<i>Dual-Axis Telescope Mounts</i>	139
Introduction	8	<i>Acquisition Systems</i>	149
		<i>Setting Up an Acquisition System</i>	157
		<i>Improving Tracking</i>	163
		<i>Improving Focus (part 2)</i>	174
		<i>Problem Solving</i>	179
		<i>Eastern Veil Nebula (NGC6992)</i>	181
		<i>Image Processing (part 2)</i>	185
		<i>Orion Nebula (M42)</i>	191
<b>New Horizons</b>			
<i>The Diverse Universe</i>	11	<b>Extended Deep-Sky Imaging</b>	
<i>Terms of Reference</i>	21	<i>Pushing the Boundaries</i>	197
		<i>Dedicated Camera Systems</i>	198
		<i>Heart Nebula (IC1805)</i>	208
		<i>Image Processing (part 3)</i>	215
		<i>Automating Operation</i>	221
<b>Landscape Astrophotography</b>			
<i>Getting Started</i>	29	<b>Appendices</b>	
<i>Star Trails</i>	38	<i>Deep-Sky Lucky Imaging</i>	224
<i>Improving Quality (part 1)</i>	42	<i>Cloudy Projects</i>	229
<i>Milky Way Vista</i>	45	<i>Bibliography and Resources</i>	233
		<b>Glossary and Index</b>	
<b>Wide-Field Deep-Sky Imaging</b>		<i>Glossary</i>	236
<i>The Limits of Amateur Astrophotography</i>	50	<i>Index</i>	238
<i>Planning for Success</i>	59		
<i>Simple Telescope Mounts</i>	75		
<i>Imaging Hardware</i>	80		
<i>Setting Up a Simple Mount System</i>	92		
<i>Orion Constellation</i>	104		
<i>Improving Focus (part 1)</i>	108		
<i>Image Processing (part 1)</i>	112		
<i>Pleiades Loose Cluster (M45)</i>	124		
<i>Improving Quality (part 2)</i>	128		