

Contents

<i>Chapter</i>	<i>Page</i>
I. SUNLIGHT AND SHADOWS	1
II. REFLECTION OF LIGHT	8
III. REFRACTION OF LIGHT	31
IV. THE CURVATURE OF LIGHT RAYS IN THE ATMOSPHERE	39
V. INTENSITY AND BRIGHTNESS OF LIGHT	74
VI. THE EYE	90
VII. COLOURS	108
VIII. AFTER-IMAGES AND CONTRAST PHENOMENA	114
IX. JUDGING SHAPE AND MOTION	140
X. RAINBOWS, HALOES AND CORONAE	167
XI. LIGHT AND COLOUR OF THE SKY	235
XII. LIGHT AND COLOUR IN THE LANDSCAPE	298
XIII. LUMINOUS PLANTS, ANIMALS AND STONES	347
INDEX	357
XIV. REFLECTING THE ZENITH IN A MIRROR (a) WHEN THE SKY IS BLUE (b) WHEN THE SKY IS CLOUDY	304
XV. UNDLATIONS ON A SHEET OF WATER	312
XVI. (a) SUNSHINE THROUGH A COMPLEX CLOUD (b) SHADOW CAST ON THE RUMPLED SURFACE OF A POND	334
XVII. (a) A PATCH OF HEATHLAND SEEN WITH THE SUN BEHIND, AND BY REFLECTION WITH THE SUN IN FRONT (b) TRACKS LEFT BY A MOWING MACHINE ON A LAWN	344