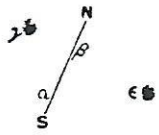
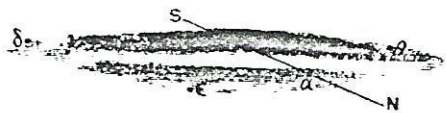


# 156 EARL OF ROSSE ON THE CONSTRUCTION OF SPECULA OF 6-FEET APERTURE,

Number in Herschel's Catalogue.	Number of times observed.	Description.																		
148	1	Dec. 11, 1854. S; R; bM. to a nucleus.																		
149	3	Nov. 30, 1856. Nucleus; E. np, sf.																		
150	6	A B. ray, with * in s. edge, a little f. the nucleus.																		
151	2	Oct. 3, 1856. Long; vF; vlbM. A B. * in p. edge.																		
156	3	Oct. 7, 1850. Light rather equable, a minute * in the p. part. Nov. 24, 1851. E; a * of 10th mag. nf. Sketched. Nov. 28, 1856. I see *s sparkling in it at times. See [fig. 2, Plate XXV.																		
157 } 159 }	4	A group of 5 neb.; others near.																		
161	2	Oval; * in n. edge.																		
162		Looked for 8 times. Dec. 18, 1848. Found * 7th or 8th mag. in place, but saw no nebulous atmosphere.																		
163	1	No nucleus. R; pF; bM.																		
164	1	Dec. 11, 1854. vB. nucleus.																		
165	1	Nov. 29, 1856. More E. than Herschel describes it; vbM.																		
169	1	A group of 5. Oct. 11, 1850.																		
		<table> <tr> <th></th><th>Pos.</th><th>Dist.</th></tr> <tr> <td><math>\alpha\beta</math></td><td>12°</td><td>0' 30"</td></tr> <tr> <td><math>\alpha\gamma</math></td><td>46</td><td>1 19</td></tr> <tr> <td><math>\alpha\delta</math></td><td>118</td><td>3 20</td></tr> <tr> <td><math>\alpha\epsilon</math></td><td>296</td><td>1 59</td></tr> </table> 		Pos.	Dist.	$\alpha\beta$	12°	0' 30"	$\alpha\gamma$	46	1 19	$\alpha\delta$	118	3 20	$\alpha\epsilon$	296	1 59			
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172 } 173 }	1	Nov. 24, 1854. d. neb.; the p. one is pB; R; bM. The f. one is smaller and fainter, and lbM.																		
175	1	Oct. 11, 1850. d. neb.; about 18' nf. (169); nf. is a 3rd F. neb.																		
		<table> <tr> <th></th><th>Pos.</th><th>Dist.</th></tr> <tr> <td></td><td>171°</td><td>0' 25"</td></tr> </table>		Pos.	Dist.		171°	0' 25"												
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	171°	0' 25"																		
181	7	Branches suspected several times, but not distinctly seen. Has a comp. neb. 5' or 6' s.																		
182	2	Oct. 23, 1857. S; pB; R; bM.																		
183	2	Dec. 7, 1850. Nucleus E. np, sf.																		
188	1	Nov. 30, 1856. S; F; R; lbM.																		
190	1	Nov. 22, 1854. ecF; E; no nucleus. A * 10th mag. p: several S. *s near.																		
193	2	Dec. 18, 1856. bM. to a nucleus. E. sp, nf; S. * in s. end.																		
194	1	Some *s in it.																		
195	2	Nov. 30, 1856. E. sp, nf; a F. * follows closely; there is another F. * in n. edge.																		
197	4	Dec. 23, 1851. I suspect a F. appendage f; a d. * f.																		
198	1	Nov. 24, 1854. vF; mE; almost lenticular.																		
199 } 200 }	2	Nov. 29, 1856. All are S; R; bM.																		
201 } 202 }																				
205	1	Nov. 28, 1856. S; R; lbM; a * in centre.																		
207 } 212 }		Sept. 13, 1850. Between the 2 cls. there is a red * nearer the 2nd, and 2 more red *s f. 2nd cl. of 8th or 9th mag.																		
208 } 210 }	14	Nov. 3, 1855. A dark space running along s. side of nucleus of 210, and (Nov. 5, 1850) * in sf. extremity; r. Both have S. comp. nebs. s: 208 is E; * close f. centre.																		
212	1	No description.																		
213	2	Nov. 30, 1856. vS; ecF; R; vlbM.																		
215	2	Oct. 29, 1851. Nucleus; 5' n. of d*.																		
216	1	Sept. 17, 1852. * in edge; perhaps like a snowdrop.																		
217	4	Sept. 14, 1850. Oval; mbM; pB; 50" by 70".																		
218	7	Dec. 27, 1850. Pos. of chink 19°.																		
		Dec. 26, 1851.																		
		<table> <tr> <th></th><th>Pos.</th><th>Dist.</th></tr> <tr> <td><math>\alpha\beta</math></td><td>44°</td><td>1' 57"</td></tr> <tr> <td><math>\alpha\gamma</math></td><td>198</td><td>4 38</td></tr> <tr> <td><math>\alpha\delta</math></td><td>199</td><td>5 48</td></tr> <tr> <td><math>\alpha\epsilon</math></td><td>211</td><td>2 38</td></tr> <tr> <td>ray</td><td>23</td><td>10 29</td></tr> </table> 		Pos.	Dist.	$\alpha\beta$	44°	1' 57"	$\alpha\gamma$	198	4 38	$\alpha\delta$	199	5 48	$\alpha\epsilon$	211	2 38	ray	23	10 29
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219	1	Nov. 28, 1856. d. neb.; components unite at p. end. The s. one is L, E, and gbM. The n. one is more E. and fainter, and also bM.																		
221	2	Oct. 23, 1857. L. but ecF; mottled; *s in it, especially one closely n. of centre.																		