

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

Number in Herschel's Catalogue.	Number of times observed.	Description.
1231	1	April 10, 1852. Not R.
1232	1	March 6, 1851. vbM; edges fade off. 1236 is vF.
1236	1	
1237	3	March 13, 1852. 6 knots, one E. March 1, 1854. One has dark spaces about the nucleus.
1250	3	March 15, 1850. 12 knots examined.
1239	1	No description.
1240	1	April 24, 1854. R; B. nucleus; outline somewhat irregular.
1242	1	March 6, 1851. Both BM; B. * involved in 1st; 2nd is E.
1251	1	
1245	4	March 30, 1856. pB; E; nucleus. A B. streak runs up through the nucleus, growing broader at p. end; on either side of this I suspect dark spaces, and outside them again F. neby, especially to s. side of nucleus. April 19, 1857. Much E; instead of a nucleus it has a vB. narrow central streak; to the left of this I suspect a darkness; then outside this more F. neby, as in sketch. See fig. 22, Plate XXVII.
1252	2	April 17, 1855. There are here 4 neb; the 3 f. ones seem to be involved in a mass of F. neby.
1253	1	April 15, 1852. gvmbM; oval. Another 14' sp; also vB.
1258	4	Sketched 3 times. April 12, 1849. Uncertain whether a d. nucleus, or nucleus and *; neb. decidedly darker in middle, following the nucleus, and rather brighter outside this. March 7, 1856. d. nucleus, or nucleus and *, which are eccentric, being nearer the sp. side; light uneven and patchy; suspect a darkness nf. the nucleus. March 8, 1856. Last night's observation confirmed. March 18, 1857. Seen as in the rough sketch subjoined; a * close sp. nucleus.
1262	1	Feb. 16, 1855. E. sp. nf.
1271	1	April 25, 1854. L; svmbM. to a nucleus; pmE. p. and f.
1274	1	April 13, 1849. Found in this set 11 knots, of which 6 are 1203, 1237, 1244, 1253, 1274, and 1275; the remainder are "novæ," one of these latter being hollow in middle; probably a ring seen obliquely; a F. * n. of its middle; seen best with single lens. Remarkable object.
1275	1	
1280	2	March 26, 1856. E; B. nucleus; F. extremities.
1281	1	March 17, 1849. 3 nuclei, or 2 nuclei and *, and F. neb. outlying.
1282	1	April 11, 1852. gbM; oval; E. n. and s.
1286	1	April 18, 1855. Like a distant cl; vB. nucleus.
1294	1	Feb. 26, 1851. 4 found.
1296		
1298		April 10, 1852. 1301 is vgvbM. 1298 is smaller, and much the same character.
1301		
1306	4	Sketched twice. March 28, 1856. A rough sketch made; suspect spirality in the n. one; the large neb. has an appendage n. of nucleus and a little f. it. March 24, 1857. Examined to confirm drawing, which I think is pretty accurate. See fig. 23, Plate XXVII.
1308	4	
1309	2	A d. neb.
1315	2	March 9, 1850. Another spiral; dark spaces, especially one sf. nucleus.
1312	2	
1332	1	April 22, 1854. E. n. and s; nucleus vB; light uneven.
1333	1	April 19, 1855. Seen by myself, as represented (see fig. 24, Plate XXVIII.). Mr. STONEY, who was with me, did not see the F. curve at p. extremity, which therefore needs verification. I myself felt pretty certain of it. March 29, 1856. Seen as last year; sketched. See fig. 24, Plate XXVIII.
1337	2	
1343	1	April 16, 1852. gvbm; 2 others, both E. about 20' s. of 1348.
1348	1	
1345	3	Feb. 19, 1855. E. p. and f? B. nucleus.
1352	2	April 11, 1852. A vL. ray; gbM; some *s involved.
1357	3	Roughly sketched twice. April 17, 1855. A beautiful object, very well seen in finding-eyepiece; the whole neb. (taking into account the appendage) is much broader at nucleus than elsewhere, narrowing off suddenly, and the nucleus projects forward into the dark space; and immediately opposite this the F.



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+3130

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