

To the Editor of "SCIENCE":

I have no desire to make any rejoinder to Dr. Rogers' reply (see SCIENCE, p. 459), but am willing to leave his answer with your readers just as he has given them.

I desire, however, to make the following corrections in my published letter:—

On p. 458, next to last paragraph, for "author of above question" read "author of above quotation." Same page, last paragraph, for "As to the law of inertia" read "As by the law of inertia." And on p. 459, last line of first paragraph, for "centrifugal" read "centripetal."

DES MOINES, Sept. 26, 1881.

J. E. HENDRICKS.

BOOKS RECEIVED.

CELESTIAL OBJECTS FOR COMMON TELESCOPES, by the REV. T. W. WEBB, M. A., F. R. A. S.—Fourth Edition—Revised and greatly enlarged—The Industrial Publication Company, No. 14 Dey street, New York. Price \$3.00.

From the number of inquiries we have received respecting the expected issue of a fourth edition, we believe it will be welcome intelligence to our readers, to learn that the work can now be obtained.

As the third edition was an enlargement of its predecessors, so the present and latest edition has been rewritten and again enlarged. Mr. Webb thus states his reasons for remodeling his work, and at the same time indicates many of the improvements that he has introduced.

"The unprecedented diffusion of a taste for astronomical observation during the last seven years has brought with it such a corresponding increase in the

optical capacity of telescopes in private hands that the very title of this treatise would convey an inaccurate impression unless its contents were modified in accordance with the requirements of the time.

Without abandoning that elementary character which may still make it serviceable to beginners, its compass must now be greatly extended, if it may hope for acceptance as a manual by the more advanced student; and with this object, as the increase of telescopic range chiefly affects the sidereal portion, recourse has been had for additional Double Stars to the great catalogue of Struve I., as well as in a lesser degree to those of his son and Burnham, and as regards Nebulæ to that of Herschel II., with a total increase of about 1500 objects, some of which are chosen as tests worthy of the finest instruments, but occasionally, as is well known, within reach of those of more moderate dimensions."

The present edition of Mr. Webb's will soon find purchasers, and we advise all those who desire to possess a copy, to be prompt in securing it. The work is an indispensable manual to all who possess a telescope, or have a taste for astronomical studies.

A CORRECTION.—Professor Edward S. Morse desires to withdraw the first part of the last paragraph of the abstract of his paper on "Changes in Mya and Lunatia since the Deposition of the New England Shell Heaps," and substitute the following:—

"A comparison of the common beach cockle (Lunatia) from the shell heaps of Marblehead, Mass., showed that the present form living on the shore to-day had a more depressed spire than the ancient form; and this variation," etc., etc.

METEOROLOGICAL REPORT FOR NEW YORK CITY FOR THE WEEK ENDING OCT. 8, 1881.

Latitude 40° 45' 58" N.; Longitude 73° 57' 58" W.; height of instruments above the ground, 53 feet; above the sea, 97 feet; by self-recording instruments.

BAROMETER.						THERMOMETERS.											
OCTOBER.	MEAN FOR THE DAY.	MAXIMUM.		MINIMUM.		MEAN.		MAXIMUM.				MINIMUM.				MAXIMUM	
	Reduced to Freezing.	Reduced to Freezing.	Time.	Reduced to Freezing.	Time.	Dry Bulb.	Wet Bulb.	Dry Bulb.	Time.	Wet Bulb.	Time.	Dry Bulb.	Time.	Wet Bulb.	Time.	In Sun.	
Sunday,	2--	30.293	30.348	9 a. m.	30.196	12 p. m.	66.3	62.0	75	0 a. m.	68	0 a. m.	63	11 p. m.	61	11 p. m.	92.
Monday,	3--	29.961	30.196	0 a. m.	29.898	6 p. m.	74.3	68.3	82	4 p. m.	71	4 p. m.	63	0 a. m.	61	0 a. m.	137.
Tuesday,	4--	29.739	29.902	0 a. m.	29.632	3 p. m.	67.3	59.3	77	3 p. m.	66	3 p. m.	50	12 p. m.	45	12 p. m.	131.
Wednesday,	5--	30.135	30.268	12 p. m.	29.788	0 a. m.	40.0	35.6	46	4 p. m.	40	5 p. m.	35	8 a. m.	31	8 a. m.	110.
Thursday,	6--	30.246	30.350	9 a. m.	30.196	4 p. m.	49.0	43.3	60	4 p. m.	50	4 p. m.	36	6 a. m.	35	7 a. m.	118.
Friday,	7--	30.229	30.298	9 a. m.	30.188	4 p. m.	60.7	53.7	70	4 p. m.	59	3 p. m.	48	6 a. m.	46	6 a. m.	130.
Saturday,	8--	30.022	30.196	0 a. m.	29.894	12 p. m.	69.6	61.3	80	4 p. m.	67	5 p. m.	59	7 a. m.	55	4 a. m.	134.

Mean for the week.....	30.089 inches.	Mean for the week.....	61.0 degrees	Wet.	54.5 degrees.
Maximum for the week at 9 a. m., Oct. 6th.....	30.350 "	Maximum for the week, at 4 p. m. 3d 82. "	at 4 pm 3d, 71. "		
Minimum " at 3 p. m., Oct. 4th.....	29.532 "	Minimum " 8 a. m. 5th 35. "	at 8 pm 5th, 31. "		
Range.....	.718 "	Range " " 47. "	40. "		

WIND.										HYGROMETER.									CLOUDS.			RAIN AND SNOW				OZONE.
OCTOBER.	DIRECTION.			VELOCITY IN MILES.	FORCE IN LBS. PER SQR. FEET.		FORCE OF VAPOR.			RELATIVE HUMIDITY.			CLEAR, OVERCAST, O			DEPTH OF RAIN AND SNOW IN INCHES.										
	7 a. m.	2 p. m.	9 p. m.		Distance for the Day.	Max.	Time.	7 a. m.	2 p. m.	9 p. m.	7 a. m.	2 p. m.	9 p. m.	7 a. m.	2 p. m.	9 p. m.	Time of Begin- ing.	Time of End- ing.	Dura- tion, h. m.	Amount of water						
																					IO					
Sunday,	2.	n. e.	e. n. e.	e.	184	5	8.30 pm	.495	.502	.497	70	78	83	9 cu.	9 cu.	10	}	4.30 am	9.30 am	5.00	.26	0				
Monday,	3.	s. w.	w.	n. w.	124	5	3.50 pm	.577	.598	.666	84	58	77	10	4 cir. cu.	4 cu.		4.00 pm	4.20 pm	0.20	.07	7				
Tuesday,	4.	w.	n. n. w.	n. n. w.	201	9	8.00 pm	.529	.490	.230	75	53	51	8 cu.	7 cu.	9 cu.		-----	-----	-----	-----	0				
Wednesday,	5.	n. n. w.	n. n. w.	n. n. w.	377	12½	4.40 am	.142	.129	.190	70	44	74	0	0	0		-----	-----	-----	-----	0				
Thursday,	6.	n. w.	w. n. w.	w.	176	2½	1.00 pm	.199	.179	.256	90	40	61	0	0	0	-----	-----	-----	-----	0					
Friday,	7.	w. s. w.	s. w.	s. s. w.	153	3½	1.00 pm	.258	.290	.433	71	42	73	8 cu.	3 cir. cu.	0	-----	-----	-----	-----	0					
Saturday,	8.	w. s. w.	w. s. w.	w. s. w.	212	3½	2.30 pm	.409	.422	.476	82	45	59	3 cir. cu.	4 cir. cu.	4 cu.	-----	-----	-----	-----	1					

Distance traveled during the week.....	1,427 miles.	Total amount of water for the week.....	.33 inch.
Maximum force.....	12½ lbs.	Duration of rain.....	5 hours, 20 minutes.

DANIEL DRAPER, Ph. D.

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