

no leifure for accurate obfervation, nor could any one inform me of the exact diftance from the time of the firft fwell till the waters rofe to the height of fix feet, fome fpeaking of four, others of five or or fix minutes.

It is to be obferved, that the like phænomenon happened on the 1ft of November laft, and the waters then rofe to the fame perpendicular height.

XCVII. *Extract of a Letter from the Rev. Mr. Holdfworth, at Dartmouth, relating to the Agitation of the Waters obferved there on the 1ft of November, 1755. Communicated by the Rev. Jeremiah Milles, D. D. F. R. S.*

Read May 13, 1756. **I** Have enquired particularly of our pilot-men, and others concerning the tides in this harbour, who unanimoufly, agree that there was a furprizing agitation in the waters about nine in the morning on the firft day of November laft, when there was a great and fudden fwell; and though there was but little wind, yet the boats, riding near the mouth of the river, tumbled and toffed as if they would have leaped into each other; and two of them broke loofe from their moorings. During this fermentation (or boiling of the fea like a pot, as my informant expreffes himfelf) though it was four hours ebb, the waters rofe as high, or higher than they ufually do on the higheft fpring tide. This violent

violent motion lasted about three quarters of an hour, and then the waters fell to their usual height at that time of the tide, and have continued to flow and ebb ever since without any perceivable alteration. I am,

Reverend Sir,

Dartmouth, April 30,
1756.

Your most obedient servant,

Henry Holdsworth.

It appears by this account, that the agitation of the waters observed at Ilfarcombe, on the 27th of February last, was not perceived on the southern coast of Devonshire.

XCVIII. *An Account of a Method of observing the wonderful Configurations of the smallest shining Particles of Snow, with several Figures of them : By John Nettis, Doctor of Physic, and Oculist to the Republic of Middleburg, &c. Translated from the Latin.*

Read May 13, 1756. **I** Had a mind to examine what kind of figured particles icy concretions consisted of. I found an icy star of six rays, with long striæ joined to them on every side, (which having, together with the rays, angles of sixty degrees, were wonderfully adorned on both sides with other long particles) in the midst of a large vessel of rain water :