

above, that it was an earthquake, from which they had no reason to be under any apprehensions.

On the same day (18th of February) there was an extraordinary motion in our waters, particularly in the Meuse, which was agitated as if it were by a whirlwind; and the Jaur, a small river, which runs through our city, and was full before the earthquake, sunk very low immediately after. In some places the waters of wells were troubled; but they were not so with us.

The animals were affected by the shocks. I was informed, that the horses and cows made a great noise, even a considerable time before; and at my house the hens and pigeons did the same.

CIII. *An Account of the Agitation of the Sea at Antigua, Nov. 1, 1755. By Capt. Affleck of the Advice Man of War. Communicated by Charles Gray, Esq; F. R. S. in a Letter to William Watson, F. R. S.*

S I R,

Read June 3, 1756. **I**N a letter I had from Capt. Affleck, commander of the Advice man of war, dated from Antigua the 3d of January last, are the following paragraphs.

“ The year was usher’d in here by the shocks of
 “ an earthquake, which is the second I have felt at
 “ this island; neither of which have been violent
 “ enough to do any damage. On the 1st of No-
 “ vember

“ vember laſt, I find you had a remarkably ſudden
 “ flux and reflux of the ſea at Portſmouth and
 “ other parts of the coaſt, which was agitated in
 “ like manner, at the ſame time, on the coaſt of
 “ America, and all theſe iſlands. The tide roſe
 “ here twelve feet perpendicular ſeveral times,
 “ and returned almoſt immediately: the ſame at
 “ Barbadoes. At Martinique, and moſt of the
 “ French iſlands, it overflowed the low land, and
 “ returned quickly to its former boundaries. The
 “ people at Barbadoes were never more aſtoniſhed;
 “ the riſing water in Carlisle Bay appearing as black
 “ as ink, inſtead of the clear ſea-green.

“ Since I wrote this, I have taken a more par-
 “ ticular account of the flux and reflux above-men-
 “ tioned, from an obſerving man of this iſland;
 “ who remarked, that here it began at half an hour
 “ after three in afternoon, on the 1ſt of November
 “ laſt; and flowed, every five minutes, five feet per-
 “ pendicular, till as much after fix, without any
 “ violent diſturbance on the ſurface of the water.

P. S. In Martinique, in that remarkable flux and
 “ reflux of the ſea, it was in ſome places dry
 “ for a mile; and, in others, flowed into the
 “ upper rooms of the houſes and deſtroyed
 “ much coffee. At the iſland of Sabia, it flowed
 “ twenty-one feet; and at St. Martin’s, a ſloop,
 “ that rode at anchor in fifteen feet water, was
 “ laid dry on her broadſide.”

If the Royal Society have not yet had any more
 particular accounts of this matter from the Weſt-
 Indies, the above is at their ſervice; and, with my

most respectful compliments to Lord Macclesfield
and the rest of the lords and gentlemen,

I remain, Sir,

Colchester, May
26, 1756.

Your very obedient

humble servant,

Charles Gray.

CIV. *An Account of a remarkable Fossil, in
a Letter from Edward Wright, M. D. to
Mr. Peter Collinson, F. R. S.*

Read June 3, 1756. **I** HAVE profited of the occasion of Sir Thomas Webb's going to England, to send you the draught of a pretty curious fossil, which you will probably receive about the time that this comes to hand. This fossil I discovered in a marble table, in an inn at Ghent, in a tour I made about a month ago to Bruges, and some other parts of these countries, in company with our ingenious and worthy friend Mr. Needham. This table, the Landlord told us, he purchased at the sale of an ancient family in the neighbourhood, and said he believed the marble was of this country, though he could not be certain.

The fossil is what is called by naturalists *Orthoceratites*, and is one of those, which I think is never found in its recent state. They are, I believe, very rare in England. This is by much the largest I
have