found in the fullers earth. The river Braine is to the east, and not above a gun-shot from this place. It runs in a meadow 80 feet lower than the site of the copper.

M. de Grignon informed me, that, on the borders of the Marne, near St. Dzier, there's a bed of pyritous wood, the organization of which is apparent. This bed is fituated under a ftratum of free-fenore, which is covered with a ftratum of lime-flone. The bed of pyritous wood lies upon a blackfin clay.

He likewife found, in the pits dug for difecvering the fubrarenous town of Chitelet, is, furuments of iron with wooden handles. He remarked that this wood was converted into a genuine iron-ore of the hematics species. The erganization of the wood was not definyed; but it was brittle, and its whole texture was a color as that of the hematics. Their ison isfirtuments with wooden handles had been buside in the carth fixteen of eventeen hundred year. The convertion of the two disto hematics had been affected by the decomposition of the iron, which had gradually filled all the pores of the wood. ...

Of Bones fometimes found in the interior Parts of

IN the parish of Haux, which is situated + between two feas, and about half a league s from the port of Langoiran, a point of a rock, of 11 feet high, detached itself from the coast, which was formerly 30 feet high. By its fall it foread over the valley a great quantity of animal bones or fragments of bones, fome of which were petrified. That they are bones is unquestionable; but it is difficult to ascertain the animals to which they belong. The greatest number confifts of teeth; fome of them perhaps belong to the ox or horfe; but, without marking the difference in figure, most of them are larger than the teeth of these animals. There are 4 likewise thigh or leg-bones, and a fragment of a flag or elk's horn. The whole are cover-' ed with common earth, and fituated between ' two ftrata of rock. We must suppose that the ' carcaffes of animals have been thrown into a ' hollow rock, and, after the flesh had corrupted, a rock of 11 feet high had been formed s above them, which would require the opera-' tion of many ages. . . .

Lettre de Mad. la Comteffe de Clermont-Monteifon à M. de

Baffe.

^{&#}x27;The Gentlemen of the Academy of Bour-

250 OF RAINS, MARSHES, Rec.
Jolophical accuracy, diffeorered, that, when a
number of fragments were put on a very
brilk fire, they were converted into a fine Tur.
quois blue, and that fome portions became for
hard, that, when cut by a lapidary, they
received a fine polith. . . I turul allo
remarked, that bones which evidently belongdet of different animals were equally converted.

On the a8th of January 1760, fays M. de Guettard, 'there were found, 160 fathoms 'above the mineral bath, bones included in a 'rock with a gray furface. This rock was nelther laminated nor confifted of feparate firsts, but was one continued mas of flone.

After having, by means of gun-powder, penetrated five feet deep into this rock, we found a great number of human bones belong ing to every part of the body, as jaw-bones with their teeth, bones of the arms, thigh, Ilmbs, ribs, rotule, &c. jumbled together in the greatel diforder. Entire (kulls, or portions of the means, the difference in the greatel difforder).

Befide these human bones, we met with feveral fragments which could not be ascribed to man. In some places, they are in continued masses, and in others more dispersed...

When we arrived at the depth of four feet and a half, we found fix human heads in an

occiny twit is a pignoscy, except the onset of the face, were preferred. This occipin was partly carefulled with family descripting and the control of the c

The above relation was fent by M. le Baron de Gaillard-Lonjuneau to Madame de Boijdourdain, who tradmitted it to M. Gouttrad, with fonce frecimens of the bones. That thefe bones were really human, is a very doubtful point; 'for-every appearance in this quarry,' M. de Lonjuneau remarks, 'amnounce that it has 'been formed of relicks of bodies broken in 'pieces, and which had been long toffed about the pieces, and which had been long toffed about

⁹ Hist, de l'Acad, des Stiences, année 1719, p. 24.

y p. ag.

by the waves of the feabefore they were collected into one heap. As this mais of bones lies horizontally, and has been fucceffively co.

eres notizonally, and has been uccellively coevered with flony matter, it is early to conceive
how a maile was formed on the faces of thole
heads, the fleth having little time to corrup;
efficially when the bodies were buried under
the water. We may, therefore, reafonable

conclude, that these heads were not human.
They rather seem to be the heads of those fishes,
whose teeth are found in the same parts of the
stones along with the bones supposed to belone

to the human species.

It appears that the collection of bones in the environs of Aix, are finisher to those difcovered fome years ago by M. Borda mary Day in Gascony. The teeth diffeorered at Aix, by the deferition given of them, feem to refemble those found at Dax, of which an under jaw is fill preferred. This jaw unquettionably belones to a large fish. . I must there.

fore, conclude, that the bones in the quarry of
 Aix are limilar to those discovered at Dax;
 and that these bones, whatever they are,
 should be referred to the skeletons of filles

rather than to those of man, . . .

One of the heads in question was about feven and a half inches long by three and some
lines broad. Its figure is that of an oblong
globe, flat at the base, thicker at the posterior

4 that the autorior end, and divided in the broadeight part by feven or eight bands from feven to twelve lines wide. Each band is likewise divided into two equal pars by a flight furrow. The band, extend from the bail to the furnalit. Those of one filed are feparated from the do the other by another and deeper furtors, which gradually enlarges from the antetors to the profesior part.

From this deferription we cannot recognize the fine mould of a human head. The banes of same head are not divided into bands. The bunnar head is composed of from principal shows, the figures of which appear not in the mould above deferibed. It has not as interior erell which exercise longitudinally from the anterior to the politicip rate, and disjules it, into two equal parts, which might give risk to the furnew on the figureir part of the flowy

. model.

* These confiderations to due me to think,

* that this fubliance is rather the body of a nau
* thin than a human head. There are nautil

* actually divided into bands or bucklers like this

* mould. They have a channel or furrow which

* runs along the whole curvature, and divides

* them into two, from which the flony furrow

* might derive its origin * * * Center

* the properties of the control of the co

* Mcsa, de l'Acad, des Seiraces, année 1760, p. 209-218.

I am perfuaded, as well as M. le Baron de Lonjumeau, that these heads never belonged to men, but to animals of the feal kind, to feaotters, and to fea-lions or bears. It is not at Aix or Dax alone, that the heads and bones of these animals are found in rocks and caverns His Highness the present Prince Maregrave of Anspach, who to great affability unites a remarkable tafte for knowledge, has been for obliging as to give me, for the Royal Cabinet. a collection of bones from the caverns of Gaillenrente in his Marcgraviate of Bareith. M. Daubenton has compared these bones with those of the common bear, from which they differ only by being larger. The head and teeth are longer and thicker; and the muzzle is longer and more protuberant than in our largest hears. has enriched our cabinet, there is a head which naturalists have denominated the bead of M, de Buffon's fmall feal; but, as we know not the form and structure of the heads of fea-lions, bears, and large and fmall feals, we shall suspend our judgment concerning the animals to which thefe fosfil bones have apportained.

ADDITIONS to the Article, Of the

I N traverling the coasts of France, we perceive tent of country, we fill find great quantities of ovfters, and other fhells, in their natural flate. coast of Dunkirk. When the moles of this port low-water mark. But, at prefent, the water never advances nearer this fort than 200 fathoms. In 1714, when the new harbour of when the tide is ebb, there is a dry space of more than 500 fathoms. If the fea continues thus gradually to retire, Dunkirk, like Aiguemortes, will, in a few centuries, be no longer a fea-port. If the fea has loft ground fo confider-