

Perch far exceed in Size and Goodness any I have ever seen, being commonly 20 Inches long, weighing Four or Five Pounds. They are taken only with Hooks, it being so deep and stony, that you cannot draw a Net: The only Bait for them is an Earth-worm; the rocky Soil, and the Springs coming so little a Way, affording them very little of that sort of Food.

XI. *Extract of a Letter from Monsieur de Bremond, M. D. to Dr. Mortimer, concerning a File rendered Magnetical by Lightning. Translated from the French by T. S. M. D. F. R. S.*

I N N^o 437. of the *Philosophical Transactions* you have published, Sir, a Letter of Dr. *Cookson*, of *Wakefield*, on an extraordinary Effect of Lightning, which communicated Magnetism to several Iron Tools. I have received a Letter from the Coast of *St. André* in *Dauphiné*, dated *Sept. 7. 1739.* giving an Account of a Fact of the same Nature, which I here send you as I received it.

“ Three Weeks ago the Lightning fell 30 Paces
 “ from my House on that of a Clock-maker. I shall
 “ not enter into the Particulars of the Ravage it
 “ committed. Every-body knows how surprising
 “ the Effects of Thunder are: But here is one that is
 “ very singular. The Thunder broke one of the
 “ Clock-maker’s Files, four Inches from the End;
 “ so that there still remained Seven Inches of it in the
 “ Handle;

“ Handle ; and the Piece of Four Inches long, that
 “ was broke off, remained on the Shop-board.

“ The next Day after the Accident, the Clock-
 “ maker, observing that the remaining Part of this
 “ File might still be of Service to him, took it up,
 “ and worked with it. But he was much surpris'd
 “ to see, that Iron followed the End of his broken
 “ File. He applied this End to a Punch (or Drill),
 “ and the Punch was immediately attracted to the
 “ File. He called to me, and I made several Trials
 “ of this attractive Quality. I took the Piece of the
 “ File that had been broken off, and applied it to an
 “ iron Ring for hanging Keys ; which it lifted up
 “ perfectly well, and held suspended as long as I
 “ thought proper. I doubted not but it was the
 “ Lightning that had communicated a magnetic Qua-
 “ lity to this File ; and I found, upon Trial, that this
 “ Quality was given only to the Inside of the File,
 “ and the broken Piece ; for I applied Bits of Iron to
 “ every Side of it, without any Effect, the Virtue
 “ residing no-where but in the Place that was broken.
 “ I broke in two the same Piece of Four Inches ; and
 “ one of the Two Pieces attracted Iron at both Ends,
 “ the other only at its broken End. I rubbed the
 “ Point of my Knife on one of these two Bits of
 “ the File, and it communicated to my Knife a De-
 “ gree of Magnetism sufficient to raise Needles, and
 “ hold them suspended.”

I wish, Sir, this Observation may prove agreable
 to you: It will serve at least to multiply the odd
 Effects of Lightning, and the Wonders of Mag-
 netism.

I have the Honour to be with all possible Esteem
and Respect,

S I R,

*Your most humble and
most obedient Servant,*

Paris, June 4. N. S.
1740.

De Bremond,
*of the Royal Academy
of Sciences.*

XII. *An Account of Tumours, which rendered the Bones soft. Communicated to the ROYAL SOCIETY by Mr. Pott, Surgeon.*

IN *November* 1737. a Gentleman, aged 27, complained to me of a Swelling in the Inside of his Right Thigh (being in every other respect in perfect Health). Upon Examination it appeared to be an encysted Tumour of the Steatomatous kind, lying loose between the *Sartorius* and *Vastus internus* Muscles. I told him, I could propose no way of curing it, but by taking it out; which was accordingly done, and he very well in Six Weeks.

After this he continued well for near a Year (except that he now-and-then complained of a slight Pain in the Joint of that Hip, which went off and returned at different times); and then fell into such a Disposition to sleep, that no Company or Diversion, nor his own Endeavours to the contrary, could
keep