

from his faithless consort; and by the assistance of his friend Elphinston (whose connections, as well as his own, were very extensive) he soon accomplished his purpose.

Having thus emancipated himself from a connection which had always been irksome to his mind, he did not delay to follow the dictates of his heart by uniting

himself in the hallowed bands of connubial endearment with the first object of his love.

Both these marriages have been crowned with infant pledges of mutual affection; and the two families continue to enjoy that felicity, which virtue and responsive love can expect only in the matrimonial state.

NEW DISCOVERIES IN GERMANY RESPECTING METALS.

[From the Bee.]

GERMANY has long been known to abound in metals; and the philosophers of that country have taken the lead as preceptors in the metallurgic arts. Long, however, was their operations confined to the art of purifying the metals that were already known. But of late, stimulated by the discoveries of Bergman, Scheele and others, they have turned their attention to the chemical analysis of many other mineral substances; some time ago, several substances that had been before classed as earths, were found to be metallic ores, which had not been hitherto recognized as such; and there seems now reason to believe that the whole of the substances that have been hitherto reckoned earths, will be at last found to be only metals in disguise. We are not yet acquainted with the full extent of these recent discoveries, nor with the qualities of the metallic substances produced; but some idea of them is given in the following letter:

Vienna, August 27.

'You have probably heard of the wonderful discoveries made by a Neapolitan in Hungary. BORN shewed me the regulus of the barytes, of the pure magnesian earth, and the calcareous earth; also molybdena, manganese and platina, obtained without

difficulty, by the simple addition of an inflammable substance. The reguli are distinguished by their specific gravities, and other qualities, from each other. The silicious earth is now the only primitive earth, the argillaceous being only a modification of this. The other earths are merely metallic calces over-oxygenated.

'To obtain the regulus, the earths were rendered as fine as possible, formed into a paste with powdered charcoal by means of oil, and put into a crucible with more charcoal, covered with silicious earth, to prevent the approach of the external air; one or more of these crucibles were then put into a larger, and surrounded with charcoal, the heat given strong for five hours, and then the operation found so complete, that the platina is malleable, and the manganese no longer attracts the loadstone.

'In a letter from Baron BORX, dated the 28th of July, he mentions having sent me 'La description du cabinet de Mademoiselle de Raab.' The second volume will be printed in two or three weeks; in this last volume you will find the description of the regulus of terra ponderosa, or barytes, of magnesian earth, and of the calcareous earth; for all these hitherto accounted earths, are nothing else but metallic calces.

ACCOUNT OF THE IMITATIVE FACULTY OF A HORSE.

[From a Tour through France, in 1788.]

ON setting off from Rouen, I found myself provided with a pretty little grey bidet, and a postilion, in favour of whom I was prepossessed, being the smartest of any I had met with, dressed in a new royal livery of blue, with red and gold, and a waistcoat finely fringed,

I mounted my nag, with no small degree of self-satisfaction; when, giving him the whip, I discovered that the only quality he had of going, was that of moving backwards, as he began to kick behind most furiously, to the great derangement and