

the African, Peruvian, East-Indian, Spanish, and other foreign sheep, as horses, there is no doubt but what our wool might still be greatly improved. Perhaps artificial means might be employed to render wool finer and longer, in the same manner as for human hair, which in the course of two or three generations would become natural to them.

MISCELLANIES.

Electrical machines are now made of wooden cylinders covered with glazed silk, instead of glass cylinders, which is a great improvement, as they can thus be obtained of any size, and infinitely cheaper than formerly. Neither will they be liable to be broken.

A remarkable strong and durable lime may be made, like stone itself, by mixing manganese with it, and employing it immediately. It may be stained of all kinds of colours, and made to resemble the finest sculptured marble, by being put into moulds and left to dry.

It is said that Mr. Tunberg, Engineer to the King of Sweden has invented a Hydroscope with which a person can view the bottom of the sea at a great depth. A boy with hydroscopic eyes died not many years ago.

Several ladies in the Electorate of Hanover have brought the art of embroidering with hair, dyed of all kinds of colours, to a great degree of perfection.

An immensely profitable manufacture might be established in England of decomposing and obtaining all kinds of salts in systematic order. By exposing any acids in necessaries during hot weather, a great quantity of sal ammoniac may be obtained, and the offensive smell be corrected.

Persons who cannot afford to have feather-beds, and yet wish to lie light, may supply themselves with a large leather bag, in the shape of a tick, very tightly sewed together on all sides, which is to be blown up with a pair of bellows to a certain pitch, and closely stopped, so that no air can escape. The present Emperor of Germany is said to have made use of such a one in his travels in preference to other bedding.

Mr. Puymarin's discovery of the art of engraving upon glass with the fluor acid, may perhaps be capable of being extended to a great variety of other substances, such as cornélians, and other stones for seals, the precious stones and even diamonds, for they all contain a quantity of silicious earth. It is possible that many curious antique seals have been engraved in this manner.

Memoire sur le changement successif de la température et du terroir des climats, avec des recherches sur les causes de ce changement. Par L'Abbé Mann.

Extrait second—continué de page 72, NOM. II.

QUANT à la seconde partie de ce mémoire où *il est question des causes physiques qui ont pu opérer ce changement*, nous croyons que les lecteurs sauront à suivre le fil des raisonnemens que l'auteur a renfermés lui-même dans une aussi petite étendue que possible. C'est pourquoi nous les donnons sans y rien retrancher.

“ Je ne doute nullement, dit-il, qu'un grand nombre de causes différentes