## THE INSTRUCTOR.

## TRAVELS.

## on the hot wind of africh cadied the

 CAMSIN."On my route from Suez." says Ruppel, "I had an opportunity of observing a mete. orological phenomenon of a very curious nature, which possihly may lead to some interesting results. In the year 1922, Nay the 21st, bei:g seven hours distant from Cairo, and in the deserts, we were overtaken by nue of these violent winds from the south, about which many travellers have told us such won. derful and incredible stories. During the night there had been a light breeze from the north-east ; but a short time after sun-rise it began to blew frech from the S.S.E., and the wind gradually increased till it blew a violent storm. Clouds of dust filled the whole atmos. phere, so that it was impossible to distinguish any object elearly as far off as tifly paces; even a camel could not be recognised at this discance. In the mean time, we heard all along the surface of the ground a kind of ristling or crackling sounds, which I supposed to proceed from the rolling sand that was dashed about with such fury by the wind. Those parts of our bodies which were turned towards the wind were heated to an unusual degree, and wie experienced a strange sensation of smarting which might be compared with the pricking of Eine needles. This was also accompanied by a peculiar kind of sound. At first I thought this smarting was occasioned by the small particles of sand being driven by the storm against the part of the body that were exposed. In order ta judge of the size of the particles, 1 attempted to catch some in a cap; but how great was my surprise vien I found I could not succeed in securing a single specimen of these supposed little particals. This led me to conceive that the snarting sensation did not proceed from the stones or the sald striking the body but that it must be the effect of some invisible force, which I could only compare with a current of electrictiluid. Atter forming
this conjecturs, I began to pay closer attention to the phenomena which surrounded me, I observed that the hair of all our par: $y$ bristled up a little, and that the sensation of pricking was felt most in the extremities and joints just as if a man were electrified on an insulated stoot. To convince myself that the painful sensation did not proceed from small particles of stones or sand, I held a piece of paper stretched up against the winc, so that even the finest portion of dust must have been detected either by the eye or the ear ; yet nothing of the kind took glace. The surface of the paper . remained perfectly unmoved and free fron: noise. I stretched my arms out, and immediately the pricking pain in the ends of my fingers increased. This led me to conjecture that the viohnt wind, ca!led in Egypt Camsin, is either attended by strong electrical phenumena, or else the electricity is caused by the motion of the dry sand of the desert. Hence we may account for the heavy masses of dust, formed of particles of sand, which, for several days, darken the clu:idl?ss sky. l'erhaps we may also go so far as to conjecture that the Camsin may have destroyed caravans by its electrical properties, since some travellers assure us that caravans have occasionally perished in the desert; though I must remank that in all the regions I have travelled throug!, 1 never could hear the least account of such an occurrence. At all events, to suppose that such calamities have been caused by the samel overwhelming the caravans, is the most !uts. crous idea thatcan be imagined.
©s The Camsin generally blows in Egypt, fur two or three days successively, but with much less violence during the night.tian the day. It only occurs in the periad betseen the middie of April and the beginning of Iune, suld hence its Arabic name, which srgufies, the wind of fifty days.' "

## CALABRIA-TREMENDOTS EABTHQEAKES

Earthquakes have caused many nielaucfuly changes in Galabria-and every thifig' bears

