May till toward autumn, produce in the diffrict
of Port-au-Prince the regular rains which con flantly proceed from the eaft. There is not a

6 fingle inhabitant who does not predict the evening rain between fix and nine o'clock, when according to their mode of expredion, the braken cloud has been fent back. The weft wind continues not during the whole night. It falls regularly toward the evening, and,

when it ceafes, the clouds pushed from the east are enabled to fall in the form of rain, as soon as their weight exceeds that of an equal column

of air. The wind which prevails in the night is a land wind, which proceeds neither from the east nor the west, but follows the projec-

tions of the coast. At Port-au-Prince, the fouth wind, because it traverses the course of

the river, is intolerably cold during the months
of January and February \*.'

\* Note communicated to M. de Buffon, by M. Freinaye, one of the counfellors of St. Domingo, dated March 10, 1777.

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OF REGULAR WINDS.

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Of Lavanges, or great Musses of Snow and Ice

IN high mountains, there are winds produced by accidental causes, and particularly by lavanges\*. In the environs of the Alpine glacieres, feveral species of lavanges are distinguishable; fome of them are called windy lavanges, because they produce a great wind. They are formed when a new fall of fnow has been put in motion, either from melting below by the interior heat of the earth, or by the agitation of the air. The inow then forms itself into balls, and in rolling accumulates, falls in vast masses into the valleys, and produces a great agitation in the air; because the snow runs with rapidity, and in immense volumes, and the winds occasioned by the motion of these masses are so impetuous, that they overturn every thing, even the largest pines, that oppose their passage. These lavanges cover the whole territory over which they extend with a very fine fnow; and this powdered fnow rifes in the air at the caprice of the wind, i. e. without any fixed direction, which is extremely

\* I know no fingle English word expressive of this idea, and therefore retain the French term.

dangerous

dangerous to people in the fields; because they know not to what fide to run in order to protect themselves; for, in a few seconds, they find themselves surrounded, and often completely buried with the fnow.

Another foecies of lavanges, ftill more dangerous than the first, is called by the country people schlaglawen, i. e. dashing or striking lamanger. They proceed not with fuch rapidity as the first kind; but they overturn every thing in their way, and carry along with them great quantities of earth, flones, flints, and even entire trees; so that their passage from the mountain to the valley is a vast track of destruction and ruin. As they proceed with less rapidity than the lavanges compoled of pure fnow, they are more eafily avoided. Their approach is announced at a distance; for they shake the mountains and the valleys by their motion and weight, and produce a noise equal to that of thunder.

These tremendous effects may proceed from very flight causes: A small quantity of snow falling from a tree or a rock, the found of bells, or the shock of a cannon or musket, provided they detach fome portions of fnow from the fummit, which form into balls, and increase in magnitude as they descend, will accumulate into a mass as large as a small mountain before they arrive at the valley.

The inhabitants of countries fubject to lavanges have invented feveral precautions to prevent their destructive effects. They place their buildings opposite to fmall eminences, which may break the force of the lavanges. They likewife make plantations of wood before their habitations. At Mount St. Godard, there is a forest in a triangular form, the acute angle of which is directed towards the mountain, and feems to have been planted with a view to turn off the lavanger from the village of Urferen and the buildings fituated at the foot of the mountain; and every person is forbid, under the severest penalties, to injure the forest, which may be regarded as the fafeguard of the village. With the fame intention there are, in many places, walls erected with their acute angles turned toward the mountain. A wall of this kind may be feen at Davis, in the country of the Grifons, as also near the baths of Leuk or Louache in Valais. In the same country of the Grisons, and other places, there are, in the passages through the mountains, vaults at convenient diffances, cut out of the rock on the fide of the high-way. which ferve paffengers as places of refuge against the lavanges ".

6 Hift. Nat. Helvetique, pur Scheuthger, tom, i. p. 185.