We could cite several instances of sudden deaths in the pig which veterinarians have declared to be due to measles, whereas this name has been applied by the better informed exclusively to that speckled condition of the skin due to hydatids beneath it, and which hydatids—all members of the genus Cysticercus—pervade the soft tissues in the body, and if swallowed uncooked, produce tape-worm in man. This fact alone proves the importance of knowing more than is usually done re-

garding pig diseases. We have recently discussed the injurious effect of overfeeding horses, sheep and cattle. We can furnish an admirable illustration of the plethoric state in pigs. Our readers must not forget that plethora signifies that condition of the system when the blood is in excess both as to quantity and richness; but chiefly A brewer in Edinburgh kept a few young pags to sapply himself with choice morsels of pork and ham. During the part winter on a showery day, the bigs were declared to be trembling, foaming, and fuming. All, without exception, manifested symptoms of disturbance, varying in severity, but the best were most dangereously ill. died in rapid succession, and advice was The poor pigs had received an extra rich supply of food, containing a heavier proportion of good barley than they were accustomed to; their high condition would not admit of such an addition to their supply, and they were thus destroyed. Our readers will perhaps remember the instance before recorded of high fed cattle being killed by a too liberal supply of the best oil-cake. It is a parallel case to the one here mentioned among

It is evident that moderatian in feeding, and perhaps an occasional dose of medicine, are as essential for the health of the pig as for that of other domestic quadrupeds.

Bots in Horses.—The editor of the Indiana Farmer says he publishes a receipt for the third time, by special request of those who have used it with perfect success. It is as follows:—

"Take a tablespoonful, a little heaped, of alum, and the same quantity of copperas, pulverize them fine and put them into a pint of vinegar. Pour it down the horse's throat. It will generally afford relief in five or ten minutes."

Miscellaneous.

Historical and Scientific Facts about Petroleum,

Within the last three years there has sprung up in this country an important and extensive branch of industry—the refining of petroleum, or, as it is sometimes called, a mineral oil, a is already a staple article, and its use as an minator, is becoming every day more exter. When properly manufactured it is not exploit affords a brilliant flame, it can be furnist a moderate price, and, moreover, its sour supply in this country are abundant. The ject is one of so much general interest that are induced to publish the following inferent acticle concerning this substance, which was to us by a member of the Chemical Social Schenectady, N. Y.:—

Petrolelum is not of constant compositudes is a variable mixture of numerous in hydro-carbons, as beuzole, naphtha, kensikee., with paraffine, naphthaline, and asphisolid hydro-carbons. It is of a very darkg colour, and in density varies from a think lighter than water, to a thick viscous is heavier than water. The lighter qualities; the larger proportion of burning cil.

The evidence of the most ancient occur of petroleum is among the ruins of Nirwhose existence dates back more than two dand years before the Christian era. In the struction of this city, an asphaltic mosts extensively employed, the asphaltum being tained by the evaporation of petroleum.

A later mention is found in the accounts? bylon, whose walls were cemented with a tum, which was poured, in a melted sut tween the blocks of stone, and an indestr mortar thus secured. This asphaltum wa cured from the fountains of 1s, which were. one hundred and twenty miles above Babyk the Euphrates. Together with saline ad. phurous water, it issued from a rock ed conducted into large pits. The oily matter then skimmed off and solidified by atmen evaporation. These springs, from the above of their products, attracted the attenti Alexander, Trajan and Julian, and event present time, asphaltum procured fromth sold in the neighbouring villages of Hitch

From time immemorial asphaltum be found on the shores of the Dead Sea, and. one of the most remarkable localities for it sea, as is well known, is of supposed volcui gin; and is the probable site of the ancies. of Sodom and Gomorrah. Its surface is & hundred feet below the surface of the occait has been fathomed to the depth of two. sand feet. In several places no bottom te reached, and, owing to internal convulsion depth changes from time to time. Then very dense, holding in solution twenty in cent. of solid matter, of which seven per a calt. The bituminous substance is up thou below and towards the centre of the sestit. in a liquid state, like petroleum; but its bably solidified by evaporation, as it is upon the shores in hard compact mass: explanation of this phenomenon is that