# mo Science Siltings <br>  



To the Centre of the Earth.
If a hole was bored through the earth's centre, what
 question Sreat French scientist, in the New York Herald. The first thourghty nil at the centre of the earth, "the "body would come to for the momentum acquired in fall would suffice to carry it past the centre to the surface of the earth on the other side., fryen' there: would tber a iseries earth on the other perpetual, oscillation between one end of the earth tunnel and the other. It would take about nineteen minutes to reach the centre, where its speed would be 31,300 feet
a second, and in-one hour sixteen minutes it a second, and in one-hour sixteen minutes it would have
 from a point high above the sea level it would emerge from the "tunnel"at-the"other "end:

## A. Peculiar Industry.

There are many peculiar -industries and trades, but probably one of the most peculiar of these is a pearl oyster farm..Japan, the land of odd objects; "dwarf prees, and ancient temples, boasts of possessing such a farm, The peaijl oysters are found more or less along the whole coast. There are some localities famous for producing them in quantities, and many fine pearls have been ob tained.. There was a time, When fishing for these precious shells was carried to an excess," "so that the yield of pearls
dwindled to almost nothing. To overcome this difficulty the desirability of cultivating the pearl oyster was sug gested. Experiments were carried out with great success the result being that to-day the pearl oyster' farm has millions of pearl oysters on its culture ground, and is able to place annually a large crop of pearls on the market. This pearl oyster farm is in the:Bay of Ago, on the: Pacific side of Japan. The bay, like all in whioh the "oyster grows in abundance, is a very quiet piece of water with a most irregular, highly broken up coast line full of deep The farm is arrang coves, aftording most favorable shelter: The farm is arranged in two parts, the first part containing
the young up to the age of three years, and the secound part holding those that are over that age

## Sound Shadows:

One would naturally suppose that a loud and continuous sound could be heard at about equal distances in all directions, in the absence of wind, and if no large solid body interposed. Repeated experiments have shown that this is not true, and that mariners who trust to their ears alone when they are on dangerous coasts guarded by
fog signals run a great peril. 'Sound formed, within which the ear detects no trace' of are signal, although the whistle may be blowing with full force, and the sound 'may be perfectly audible on?: all
sides of the shadow. Sometimes the sides of the shadow. Sometimes the, caluse of a sound
shadow can readily be discovered, as, for existence of a bluff just behered, as, for instance, in the case the sound appears to ricochet like a cannon -In such. a ing over the water; in' other words, it may be audible at one mile, inaudible at two miles; audible again at three miles, inaudible at four miles, and so on. But the intervals betiveen the audible and inaudible points may be auy other distance, and may also vary irregularly. Then there are sound-shadows the origin of which has not been traced, the which doubtless are due to some peculiar condition of the atmospher

## Complicated French Clocks.

The clock of Lyons Cathedral is a wonderful piece of mechanism, and the legend describing it is as follows: The cock crows, the bell sounds the hours'; the "little bells' the Sancte Spiritus;'the angel opens the gate' to salute' the Virgin Mary. "The two heads of the lions move the eyes and the tongue. The iastrolabe shows the thours ingits degree, and the movement, of. the moon. Moreover, the perpetual calendar, shows all the days of the year, the feast days and the bissextile. The hours at which the chimes-are complete are 5 and 6 in the morning, midday, and 1 and 2 a'clock in the afternoon. The chimes at the


Complieatedrindeedis the thock of Beauvais Cathedral. It is said to be composed of 92,000 separate piecés, accord inget tra Firinch journal. One sees on the tifty-two dial
 tides, the time in the principal capitals of the world togetherewith hi series of tarestrial and astronomical evalud tions. The framework is of carved
When the cloch strikesfall the 26 ft edifice
 wonderful work recalls the clock of Strassburg, anditis of modern constraction It is the work of Beauyaisian, M. Verite, who was in the engineering departmentyof the
Nord Railway: He died in 1887 .

## DEAR ME!

