Scientific and Ascent.

SORENESS IN THE EAR.

As soon as any soreness is felt in the ear, let three or four drops of the tincture of arnica be poured in, and the orifice be filled with a little cotton to exclude the air, and in a short time the uneasiness is forgathering in the car, which is the usual cause of carache. Exchange.

TREATMENT OF GOLD FISH.

In cases where gold fish are kept in vessels in rooms, etc., they should be kept in spring water. This will require to be changed according to the size of the vessel for the number of fish kept therein, but it is not well to change the water too often. A vessel that will hold a common sized paul sof water, two fish may be kept in her of water, two fish may be kept in by changing the water once a fortnight, and so in i pr portoi. It any food is supplied thom, it should to a few crumbs of bread dropped in the water once or twice a

BORAN FOR COLDS,

A writer in the Medical Record cites a number of cases in which borax has proved a most effective remedy in certain forms of colds. He states that in sudden hearsemess or loss of voice in speakers and singers, from colds, relief for an hour or so, as by from colds, relief for an hour or so, as by single, may be often obtained by slowly i's olving and partially swallowing a lump of borax t io size of a garden pea, or about three or four grains, held in the month ten binutes before speaking or singing. This produces a profusa secretion of the aliva, or "watering" of the mouth and hrea.—probably restoring the voice or one to the dried vocal cords, just as "wetting" brings back the missing notes to a ute when it is too dry.

DUCKS AS EGG PRODUCERS.

The number of eggs laid by a duck de onds very much on the breed to which he belengs. In all poultry the non-sitters to belenge. In all pointly the non-sitters by note than those who are concerned in he rising generation. Thus the Aylesbury ill lay a greater number of eggs than any ther duck. The black duck, called the sabrador, the East Indian or Buenes lyres, is a good layer. The Rouen is an yerage layer, and the wild duck lays fow binpared to these. An old duck is, as a fall a latter layer than expansions but it. e, a better layer than a young one, but it impossible to give the average of any of bein. Aylesbury ducks begin to lay in November and December; Rouens three months ater. Both the time when they begin laying, and the number of eggs they lay, are influenced by their keep and by judicious management.

SALT IN SCIENCES.

Dr. Scudder remarks: "I am satisfied Dr. Scudder remarks: "I am satisfied that I have seen patients die from deprivation of common salt during a pretracted filness. It is a common impression that he food for the sick should not be seasonable, and whatever slop may be given, it is most innocent of this essential of life. In he milk diet that I recommended in sickess, common salt is used freely, the lift being boiled and given hot. And if he patient cannot take the usual quanty in his food, I have it given in his link.

This matter is so important that it can-ot be repeated too often, or dwelt upon too

The most marked example of this want The most marked example of this want common salt I have ever noticed has een in surgical disease, especially in open rounds. Without a supply of salt the organ would become broad, pallid, puffy, ith a tenacious pasty ceat, the secretions brested, the circulation feeble, the effusion the point of injury scrous, with an unleasant watery pus, which at last becomes mere sanies or ichor. A few days of a few allowance would change all this, and ree allowance would change all this, and be patient get along well."

AMMONIA ICE MACHINES.

It is a well-known fact that when a liquid converted into gas it abstracts a cortain mount of heat from the surrounding ob-ects, and hence liquids which volatilize ects, and hence liquide which volatilize cadily are said to produce a certain amount of cold. Ether, when placed on the skin, exporates to rapidly as to produce the sensation of extreme cold. Gases, like applying a cid, and ammonia, which may be liqued. constitute cold. Cases, like application of externe cold. Cases, like application of an introis oxide, carbonic cid, and ammonia, which may be liquefied by pressure, produce very intense cold if allowed to ovaporate rapidly, which is done by removing the pressure. The apparatus avented by C. F. Carre, of Paris, for freezing water by means of animoria, consists of a generator and a receiver made of iron foiler plate, and connected by means of a trong iron tube. In the generator is laced a solution of ammonia saturated at 2 deg. Fahrenheit, which is heated by beans of a suitable furnace, while the laceting the solution of ammonia the as is driven off and collected in the receiver, where it is condensed to a liquid as eiver, where it is condensed to a liquid as oon as the pressure passes ten atmos-heres. The receiver is constructed with a release the receiver is constructed with a closely fitting essel filled with water is now placed, and he apparatus is reversed, the generator leng immersed in the water. The liqueied ammonia, having the pressure removed, asses again into the gasecus state, and is e-absorbed by the water in the generator. e-ausorned by the water in the generator. By this means large quantities of ice are broduced in tropical countries at a reasonble price. None of the gas is wasted, and he only expenses are for labour, apparatus and fuel. —Edward J. Hallock, in Journal of Applied Chemistry.

> Mr. Whalley, the Tichborne champion and be leader of the rabid Anti-Papiets in Engno leader of the rabid Anti-Papiets in Eng-and, was sent to jail the other day for con-empt of court. He had written a letter-alculated to influence the jury in the Tich-orno case, expressing his confidence in the windler Luie. His sounsel could offer no ther plas in miligation of the sentence ex-ept that his client was almost a feel. His ister paid his fine of \$1,250, and got him at of quied, and he has just been re-elected Parliament.

Miscellancous.

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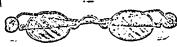
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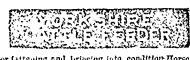
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