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### SCIENCE.

large towns?

following rule as to discussions:-Ten minutes should be allowed to each speaker on a special question, and five minutes on any other paper, unless, at the discretion of the president or chairman for the time being, a longer period might with twenty-four hours. Or a strong horses and found it the most perfect advantage be allowed. — London infusion—made by boiling the plant blemishes, as it completely removes the Freeman

A number of paper car wheels have been received at the Canada Southern shops, to be placed under the five new coaches which are to by an experience of near fifty years with the very best results as a family be built this fall. Each wheel costs | that it is well to tie the legs of every about \$140 after the duty is paid, heifer, no matter how gentle for a price between the paper and steel as a part of her discipline and trainsuperiority of the paper lies in its | She will never forget it when a large, durability. It is said to be able to strong cow, and then if her teats get run from 300,000 to 400,000 miles, scratched or chapped, so that she while the steel wheel can only go must be tied to be milked, she will about 50,000 miles.

Kerosene lamps should never be Tapers may be used when only a helps to bring up what needs feror a wick floating in sperm oil will of fertility is preserved. give light enough for the sick-room or nursery.

MUSSEL SHELLS, -Boil the shells in soft soap for fifteen or twenty minutes; the hard dark part can easily be rubbed off with a coarse cloth and wood ashes, without injuring the polish of the inside in the least.

THE EGYPTIAN OBELISK .- The New York Graphic has pointed out that there is something the matter with the Egyptian Obelisk, and that some immediate action is necessary to preserve this precious relic from defacement. It shows the effect of the American atmosphere in certain changes which threatens ultimately injured by the snow and rain and frost of its northern winter. The remedies proposed are to have a set of coverings to enclose it during stormy weather, or else to transfer the Metropolitan Museum.

## THE FARM.

to maturity. It is more readily re- farmer." strained by fences which would prove no barrier against the en-

in both fleece and flesh, it furnishes tre the following:-Is it expedient drought taxes the farmer's resources placed on such employment? What standing the evident advantages an Journal of Agricultural. are the comparative advantages, increase in sheep culture brings the social and economic, of large and agriculture of a country generally, small farms ?- In what way can the and especially inuring to the benefit influence of art be best brought to of such farmers as incorporate it bear on the masses of population in | into their system, the fact is apparent that sheep are not so numerous We note, as an example, the or so evenly distributed as they should be .- Breeders' Gazette.

> legs, will be let alone by flies for in water-may be applied cold with a sponge each day.

A correspondent of the New York Tribune says "that he is convinced sul mit with a very good grace,"

allowed to burn with the wicks and one which greatly promotes the nineteenth century. turned down. When thus turned, fertility, is that these animals naturthe air is filled with the unconsumed ally select the highest points in the products of combustion and made field for reclining at night. As poisonous. Blow the lamp entirely | these spots are usually less fertile, out or let it burn with full blaze. the feed consumed on the low lands little light in the room is required, tilizing most, and thus an equilibrium

> resca) is a large and handsome tree. and very profitable when grown upon suitable soil. The timber is valuable and durable, and the fruit brings a good price. It is related that a farmer in Canada who had a grove near his house made as much from the trees as he did from the rest of his farm of fifty acres.

BONE DUST AND WOOD ASHES .-A farmer in Indiana gives the fol- of nurses and mothers to give them lowing result of an experiment with bone dust and wood ashes. He says: to die (directly and indirectly) from "I applied 600 pounds of dry unleached ashes to the acre and sowed wheat on the land, the result being but six bushels to the acre. Adjointo obliterate the inscriptions. The ing this track I drilled in 200 corners show considerable wear, pounds of bone dust, and the three and the lateral surfaces have been acres produced at the rate of twenty bushels to the acre, being an increased yield of fourteen bushels to the acre over the tract sown with wood asnes. The following year I it drinks the milk, which it does not used 500 pounds of bone dust upon it permanently to the great hall of the plat where I had previously sown 600 pounds of ashes, and the result was forty bushels of wheat to the acre, being double what the bone dust had produced alone. SHEEP. — The crying need of This experiment satisfied me that American agriculture to day is a ashes alone, or bone dust alone, more genial incorporation of the would not give a yield that paid to sheep into the farming economy. my satisfaction. This plat with More prolific than horses or cattle, ashes, yielded six bushels to the as well as more tractable, subsisting acre; with bone dust it yielded on scantier herbage and requiring twenty bushels, but when the two great indispensable article for the preless supervision, it claims the add- were combined I harvested forty itional advantage of "paying for its bushels. This shows what experiraising" in annual instalments of menting and a small expenditure of those reared on the bottle." marketable fleece, pending its growth money will do for the progressive

COFFEE GROUNDS AS A FERTILIZER. croachment of other farm stock. A lady of San Francisco lately re-Its light tread and love of repose ceived some plants from Mexico, warrant its access to fields and and with the plants came the advice pastures where the tramping of cat- to fertilize them with waste coffee tle and the tearing of hogs would and coffee grounds. This was done, not be tolerated. It wastes less and the results were so satisfactory ing or singing when hourse. food in proportion to the quantity that the same treatment was tried consumed, and will hunt and utilize on roses, and the effect was a healthy eight hours' sleep. much that would otherwise be lost and vigorous growth, and more and to the farmer. Yielding a return better flowers and of richer colors.

A. R. Fulton, Esq., Bass River, its owner with the double advantage | Londonderry, Co. Colchester, sent Social science. — Among the of catching a good market for his us by mail sometime ago, a box full matters appointed for discussion at produce, requiring less water and of live Colorado Beetles. Fortunthe approaching meeting at Notting- disposed to work for its food. It ately none escaped on the way, and ham, commencing on the 20th inst., is without a peer when Summer they are now secured as entomological specimens for the Provincial to make the devolution of real for enabling his live stock to main- Museum. We regret to find that property in cases of intestacy follow tain an average of thirst and flesh. this pest has been found in several that of personality? Is it desirable All that can be said in behalf of parts of Nova Scotia this season,to abolish trial by jury, and, if so. feeding live stock on the farm, as still we have not heard that it has in what cases? and is it expedient distinguished from the soil impover- anywhere made serious depredations. to require an unanimous verdict? ishing policy of placing the raw We trust that wherever it appears, Is it desirable that defendants grain and grass upon the market, every effort will be put forth to in criminal cases should be com- will be found to apply with double exterminate it. The potato is petent to give evidence? How emphasis to the farm that carries as rapidly gaining ground as one of can technical training be best a part of its outfit one or more our most profitable crops in Nova associated with primary schools, sheep per acre. No, the animal Scotia, and the feeble way in which intermediate schools, and local returns more fertility to the soil in it has been attacked hitherto, in our colleges? How does the employment proportion to the amount exacted comparatively cool, moist climate, of mothers in mills and manufactures for its support, while none equals justifies the hope that we may be influence infant mortality, and ought it in the evenness with which the able to prevent the beetle increasing any, and if so what, restrictions to be droppings are distributed. Notwith- to any disastrous extent .- N. S.

Editor Times :- Seeing an article in your paper last week from Arnold Parker, I was impressed with the earnestness with which he appeals to you to continue to enlighten the world in regard to the means by which he was so miraculously cared of rheumatism and hip-joint lameness, by using Kendall's Spavin Cure. The article to It is said that a horse rubbed which he alludes by Dr. Bates, impreswith a bunch of bruised smartweed | sed me so favorably with the real especially about the ears, neck and merits of this remedy that I tried it also for several blemishes on my enlargement in every instance by continuing its use for several days after the lameness has subsided. The perfect success I have always had with Ken dall's Spavin Cure led me to use it on liniment. While several of the cures made by it have been almost miracuso that there is a great difference in short time, say a week or ten days, lous, none have been more satisfactory than several cures which I made with wheel, the latter costing but \$12. The | ing when being taught to milk. | it of foot rot, and also sore teats as well as warts on teats of cows, I consider it a sure cure for sore teats or foot rot in either cows or sheep. With the satisfaction this remedy has always given in every instance, I cannot refrain asking with my friend Parker that you continue to make known to the One advantage in pasturing sheep, | world this, the greatest discovery of Yours truly,

JAMES A. CAMPBELL. Herkimer, N. Y., Sept. 10. 1881.

The above letter, with one published last week, encourages us in our efforts to make our paper one of the most valuable Journals in the country, and to all our patrons, and we now ask others of our readers who have been alike benefited by the letter published one The sweet chestnut (Castanea year ago from Dr. Bates, that they us for publication, statements which they may wish to make for the benefit of others - [ED. Times.]

## HEALTH HINTS

GIVE THE BABY A DRINK OF WATER .- A city physician says the Scientific American, attributes a large part of the excessive mortality of children in hot weather, to the failure water; indeed, more children are said deprivation of water than from any other cause. Infants, he says, are always too much wrapped up, and in any case would perspire very freely. The water lost by perspiration must be supplied. As Dr. Murdoch stated in his paper on cholera infantum: "The child is thirsty, not hungry: but not getting the water which it does want, want." The consequence is the stomach is over-loaded with food which it cannot digest, and which soon ferments and becomes a source of severe irritation: Then follow vomiting, purging, and cholera infantum. To prevent this, the principal scourge of infancy, the doctor says: " Have water-without ice-accessible to the child, who will then refuse sour milk and will eat only when hungry. Water is the ventive treatment of children in hot weather. It is important enough to nursing children, but it is life itself to

From Foote's Health Monthly ; Don't sleep in a draught.

Don't try to get cool too quickly after

Don't sleep in a room without ventilation of some kind.

Don't use your voice for loud speak-Don't try to get along with less than

Don't sleep in the same undergarment you wear during the day.



# Ayer's Hair Vigor,

FOR RESTORING GRAY HAIR TO ITS NATURAL VITALITY AND COLOR.

It is a most agreeable dressing, which is at once harmless and effectual, for preserving the hair. It restores, with the gloss and freshness of youth, faded or gray, light, and red hair, to a rich brown, or deep black, as may be desired. By its use thin hair is thickened, and baldness often though not always cured. It checks falling of the hair immediately, and causes a new growth in all cases where the glands are not decayed; while to brashy, weak, or otherwise diseased hair, it imparts vitality and strength, and renders it pliable.

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As a Dressing for Ladies' Hair The Vigor is incomparable. It is colorless, contains neither oil nor dye, and will not soil white cambric. It imparts an agreeable and lasting perfume, and as an article for the toilet it is economical and unsurpassed in its excellence.

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IT IS A PURELY MUTUAL COM-PANY, having no stockholders to take lion's share of the profit. Mutual companies never fail.

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