

HINTS ON THE CARE OF THE EYES.

There are, perhaps, more individuals who ascribe their weakness of sight to a use of their eyes under an insufficient artificial illumination than to any one other cause.

The position of the light in relation to the body is of great importance. If a shade is used on the lamp or burner it should, by preference, be of ground or "milk" glass.

The light in the room during sleep is also not without its influence. As a rule, the room during sleeping hours should be dark; and, in particular, care should be taken to avoid sleeping opposite a window where, on opening the eyes in the morning, a flood of strong light will fall on them.

Attention should be called to the injurious effects that follow reading on railroad cars. On account of the unsteadiness of the page, reading, under these circumstances, is exceedingly trying to the eyes, and should never be persisted in for any considerable length of time.

MOONS FOR MARS.

An astronomical discovery, which is ranked among the greatest of this century, has been made at the observatory at Washington, by means of the new instrument which is called the "great telescope."

On Friday morning he showed his observations to Professor Newcomb, who was so confident that the object must be a satellite, that he calculated roughly the time of its revolution, which he fixed at one day, eight hours, or a little less.

Scientific authorities in Washington regard this as ranking among the greatest telescopic discoveries of the century, the only two which exceed it being that of the asteroid group in 1801, and of the planet Neptune in 1846.

The distance of the first satellite from the planet is between 14,000 and 15,000 miles, which is less than that of any other known satellite from its primary, and only about one-sixteenth the distance of the moon from the earth.

ELDERBERRY WINE.—The following is a recipe for elderberry wine, in answer to a recent inquiry: To eight quarts of berries pour (over the berries) four quarts of boiling water; let stand 12 hours, stirring now and then; strain thoroughly, pressing out all the juice; add three pounds of sugar to four quarts of juice, one ounce powdered cinnamon and one-half ounce powdered cloves; boil five minutes, and set away to ferment in a stone jar, with a cloth thrown lightly over it; when fermentation has ceased, rack it off carefully, so as not to disturb the lees. Bottle and cork down well.

RABES IN COURT.

The Cincinnati Times says: There was a very peculiar case in Judge Wilson's Court this morning, both in the character of the offenders and the oddness of their misdemeanor.

"Officer Benzavate, take the stand!" said the Prosecutor, and then turning to the four boys, asked, "Are you guilty or not guilty?"

"Please, sir, we dunno," sobbed the juvenile quartet. Then the vigilant officer went on to state how he had caught the boys dropping boulders into farmer Bragenbush's well, out on the Colerain pike, and that the farmer was complaining about his well being filled up; and having caught the miscreants in the very act he had brought them right into the court.

"Now, my little men," queried his honor, and there was a sunny smile illuminating his handsome face, "tell me why you threw those stones in that man's well?"

The four little boys turned their tear-bedewed eyes upon each other, and then, as if by common consent of the other three, little Ira Cobbin, the eldest of the young culprits, answered in a quivering voice:

"Please, sir, we was only doing it in fun. Jimmie and me carried the stones, and then other boys dropped 'em down the well. We got tired sliding down a soaped board, and we only dropped the stones down 'cause we liked to hear 'em go kerchunk into the water." And eight little eyes again shed tears of sorrow. In his kindness of heart, his honor let them go with a warning.

THE PERILS OF THE FOUNDRY.—Few appreciate the dangers which the brave mechanics face, or give them proper credit for bravery. We read of an accident in Pittsburg, Pa., which was as follows: A number of men were casting a chilled roll. Nearly two tons of iron were required to make the casting, and the services of 20 men were required to handle it.

A TRAIN ON THE DOWNS GRADE.—George Francis Train talks at the rate of 250 words a minute, and occasionally pauses for breath. These pauses seem to annoy him, and it is his habit to fill them by putting the question before the house, and calling for the yeas and nays.

PIEM BUTTER WITHOUT ICE.—From W. P. Hazard's treatise on butter-making we extract the following: In families, or where the dairy is small, a good plan is to have butter-cool and firm without ice is by the process of evaporation, as practiced in India and other warm countries.

WOODWORTH'S cottage, near which the "odd oaken bucket" swung, is carefully preserved by a descendant of the poet. The bucket was sold long ago, but the clear, cold well remains.

PICKLEMAKERS COLORED BUT NOT POISONED.

Pickle-makers have for a long time had to try their consciences by "greening" their product by heating in copper vessels, or by introducing copper salts. The French chemists claim to have done away with the use of copper by substituting a preparation of chlorophyll, which is the substance forming the natural green in plants.

The vegetable fiber and the starchy matter which is contained, when brought in contact with chlorophyll during ebullition, almost completely saturate themselves.

WINGS AGAINST STEAM.—A short time ago there was a race from Dover to London between the Continental mail express train and a carrier pigeon, conveying a document of urgent nature from the French police. The pigeon, which was bred by Messrs. Hartley & Sons, of Woolwich, and "homed" when a few weeks old to a building in Cannon street, City, was the best breed of homing pigeons known as "Belgian voyageurs."

PRESERVATION OF EGGS.—The Journal of the Medical Academy of Paris, in a recent number, says: The sure and simple method of keeping eggs sound by smearing the shells with linseed oil has long been practiced. The oil forms a sort of film over the shell, thereby preventing the two immediate causes of decomposition—evaporation from and penetration of air into the egg.

JAPANESE METHOD OF COOKING RICE.—A letter from Japan says: "They know how to cook rice here. Only just enough cold water is poured on to prevent the rice from burning to the bottom of the pot, which has a close-fitting cover and is set on a moderate fire. The rice is steamed rather than boiled, until it is nearly done; then the cover of the pot is taken off, the surplus steam and moisture are allowed to escape, and the rice turns out a mass of snow-white kernels, each separate from the other, and as much superior to the soggy mass we usually get in the United States as a fine mealy potato is to the water-soaked article."

THE honorable gentleman is seeking a re-election, and runs to meet his constituent from afar, hat in hand. "Good day, my honorable sir. I trust your health is good?" "It is." "And your honorable wife is well, too, I hope?" "Yes, sir." "I was just thinking of you. I knew I should meet you, for just round the corner I had the pleasure of meeting your honorable dog."

STRAW AS HORSE FEED.

More than the usual amount of straw escaped the match in this State this year, and more will be turned to account to keep up animal life during the months of field-lamine which will prevail in some counties in our State. Hints for the use of this straw may, perhaps, be drawn from the following experience which we find in the Boston Cultivator: I have wondered a great many times why farmers do not pay more attention to feeding straw than they do.

The fact is, farmers in this country do not appreciate the value of straw. It is now considered by many as only fit for use in bedding stock. In the first place, our farmers let the grain get dead ripe before they cut it, and then let it remain in the shock till almost spoiled, when no animal will eat it up clean; and of course it is left for cattle to eat what they will, and run upon the rest, amounting to nothing except to scatter over the ground as fertilizing matter.

GRAIN of all kinds should be cut when it is a little green; there is always nourishing matter enough in the straw to ripen it out then, and the straw itself is far better for feeding purposes. If I had my barn full of the best of hay, I would feed my straw to my horses in preference, reserving the hay for my milk cows.

ANOTHER common mistake is to think that the racks must be kept full of hay at all times for horses. Now, my experience is that horses will not do so well stuffed with hay as they will to have a certain amount fed to them three times a day. It is not the great amount you want fed, but the regularity of feeding. Feed your horses as regularly as the human family is fed, and they will always be ready for business.

STATISTICS OF HORSES.—The number of horses in the various countries of the European continent and in the United States has been estimated as follows: In Russia, 16,160,000; North America, 9,504,200; Germany, 3,352,231; Great Britain, 2,790,851; France, 2,742,738; Austria-Hungary, 3,669,434 (of which 2,179,811 belong to Hungary); Italy, 657,544; Norway and Sweden, 655,456; Spain, 382,000; Denmark, 216,570; Belgium, 272,163; Holland, 260,054; Switzerland, 100,934; Greece, 98,938; Portugal, 79,616; making a total in the countries mentioned of 40,854,840. The proportion of one horse to each thousand of the population is 227.66 in Russia; 244.16 in America; 117.55 in Denmark; 146.99 in Hungary; 114.88 in Sweden; 86.10 in Great Britain; 81.54 in Germany, and 18.25 only in Portugal.—Veterinary Surgeon.

TO COOK EGG PLANT.—Every summer there are inquiries about cooking this vegetable, which appears to be new to many. Slice the fruit crosswise, about a half inch thick; peel and stack up with a sprinkling of salt between the slices; put a plate with a weight (a flat-iron will answer) on top, or lay the slices in strong salt and water. The object in either case is to remove a slight bitterness. At the end of two hours, dry the slices on a cloth and dip in a light batter of eggs and flour, and fry to a light brown. Instead of the batter, dip first in beaten eggs and then in cracker powder. Serves hot.

PRESERVATION OF LIME JUICE.—Lime or lemon juice may be preserved as follows: Heat the juice, to coagulate albuminous matters, and then sweeten with pure glycerine. The glycerine will not only retard turgid growth, but prevent the juice from freezing even during the coldest winters.