

THE FARM.

OVER-FEEDING WITH HAY.—Now that cows have been put into winter quarters, a hint about feeding hay may not be out of place.

A favourite style of putting up butter in California is to make it in two-pound rolls and wrap in thin muslin.

MANURE FOR ORCHARDS.—An exchange says unleached wood-ashes, used either alone as a top-dressing or in connection with a compost, form a most valuable fertilizer for orchards young or old.

HORSES' HOOPS.—A horse's hoof is of the same nature as horn. If you desire to know the effects of applying a hot shoe to a horse's hoof, place your comb on a hot stove for a minute or two, then let it cool and see how easily it will break.

HEALTH HINTS

WOMEN AND SLEEP.—Women sleep by far to little. Sleeplessness is one of the most fruitful causes of the paleness and nervousness so characteristic of American mothers.

WARMTH FROM NEWSPAPERS.—Many years ago, in one of the severe winters when there was much hardship among the poor, a city paper suggested that old newspapers, spread over the bed, would form an excellent substitute for blankets and coverlets.

ever is a poor conductor of heat will make a warm covering. Paper itself is a poor conductor; but still poorer are the thin layers of air that are confined when two or three newspapers are laid upon one another.

It is a common error to suppose that growing plants kept in a sleeping-room are deleterious to health. The theory is that as plants, at night, give out carbonic acid gas, which is poisonous to animal life, they are liable to cause sickness and even death to the inmates of the room.

Meat stewed with vegetables is the best food for hard-working men and growing boys and girls.

SCIENCE.

THE HEIGHT AND WEIGHT OF ARTISANS AND PROFESSIONAL MEN.—The report of the Anthropometric Committee of the British Association contains a new and unexpected statement—that there is a very slow but decided increase of stature in all classes of persons up to the age of seventy.

The dwarf will grow no taller, because he is not tall to begin with. The giant will grow no taller, because giants, since Goliath, are usually not well developed.

The giant will grow no taller, because giants, since Goliath, are usually not well developed. As regards class and occupation, the two extremes of the anthropometric scales, both as regards height and weight, are the artisans and the professional class, the average difference between the two being a little over two inches, and rather more than 16 lbs.

Table with 3 columns: Height, Weight, and Class. Rows include Artisans, Labourers, Commercial, and Professional.

HOW A LITTLE GIRL SUGGESTED THE INVENTION OF THE TELESCOPE.—Some of the most important discoveries have been made accidentally; and it has happened to more than one inventor, who had long been searching after some new combination or material for carrying out a pet idea, to hit upon the right thing at last by mere chance.

Nearly three hundred years ago there was living in the town of Middleburg, on the island of Walcheren, in the Netherlands, a poor optician named Hans Lippersheim.

One day in the year 1608, he was working in his shop, his children helping him in various small ways or romping about and amusing themselves with the tools and objects lying on his work-bench, when suddenly his little girl exclaimed:

"Oh, Papa! See how near the steeple comes!"

Half-startled by this announcement, the honest Hans looked up from his work, curious to know the cause of the child's amazement. Turning toward her, he saw that she was looking through two lenses, one held close to her eye, and the other at arm's length; and, calling his daughter to his side, he noticed that the eye-lens was plano-concave (or flat on one side and hollowed out on the other), while the one held at a distance was plano-convex (or flat on one side and bulging on the other). Then, taking the two glasses, he repeated his daughter's experiment, and soon discovered that she had chanced to hold the lenses apart at their exact focus, and this had produced the wonderful effect that she had observed.

This rough tube was the germ of that great instrument the telescope, to which modern science owes so much. And it was on October 22, 1608, that Lippersheim sent to his government three telescopes, made by himself, calling them "instruments by means of which to see at a distance."

Not long afterwards another man, Jacob Adriansz, or Metius, of Alkmaar a town about twenty miles from Amsterdam, claimed to have discovered the principle of the telescope two years earlier than Hans Lippersheim; and it is generally acknowledged that to one of these two men belongs the honor of inventing the instrument. But it seems certain that Han Lippersheim had never known nor heard of the discovery made by Adriansz, and so, if Adriansz had not lived we still should owe to Hans Lippersheim's quick wit, and his little daughter's lucky meddling, one of the most valuable and wonderful of human inventions.

VARIETIES.

A BARE TRICK.—Strangers often remark that Detroit ladies seem to have great fondness for carrying gold watches, and any person walking ten blocks on Pepton street will see, if it is a fine day, at least one hundred ladies with gold chains hanging down to the watch pocket. But is the watch there? On a Woodworth avenue car yesterday there were half a dozen ladies and only one gentleman. Satan must have put him up to do a mean thing. Taking out his watch, he looked at it, shook it, sighed heavily and said:

"Ought to have been cleaned a week ago. Will you please give me the time?"

The lady addressed had a magnificent chain, but she blushed, half rose, sat down again and whispered:

"My—my watch is—is out of order."

"You have the time, perhaps?" he asked of the next.

"Yes, sir—it's ten o'clock," she replied looking out of the window.

"Does your time agree with that?" he asked the third.

"I believe so," she coldly replied, though she well knew that her chain was pinned to her dress.

And what does your watch say?" he smilingly asked of the fourth.

"It's a little slow I think," she answered, drawing her shawl closer.

The fifth lady had a watch, and a fine one too. She drew it out, made as much display as possible, and called out:

"Ten minutes after eleven?"

The gentleman smiled, the four ladies bit and scowled, and the driver shook up the lines and called out:

"Go on now, you old raw bones!"—Free Press.

A farmer laughed when his prudent wife advised him not to smoke on a load of hay. He footed it home that night with his hair singed, most of his clothing a prey to the devouring element, and the iron work of the waggon in a potato sack, and then his wife laughed.

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IT VIGORATES THE GENERAL HEALTH.

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DEAR SIR,—Having been induced to try your Emulsion Cod Liver Oil, as a remedy for influenza, with Cough, Cold, &c., I have much pleasure in testifying to its beneficial results as compared with any remedy ever previously used.

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It will be found to exceed the many medicines now offered, as it supplies the

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which is a constant and necessary constituent of the body, and must be regarded as an important FOOD, and so highly and justly recommended by the Faculty in the treatment of PALE, WEAK AND ANEMIC WOMEN AND CHILDREN.

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H. A. Taylor, Esq., President N. S. Pharmaceutical Society, says: Taking all in all, I sell more of your Emulsion than all others combined, and have heard very favorable reports of benefits of its use. I consider it the best CREAM or EMULSION offered to the public, it being scientifically prepared, it remains permanent and unchanged.

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May 4.



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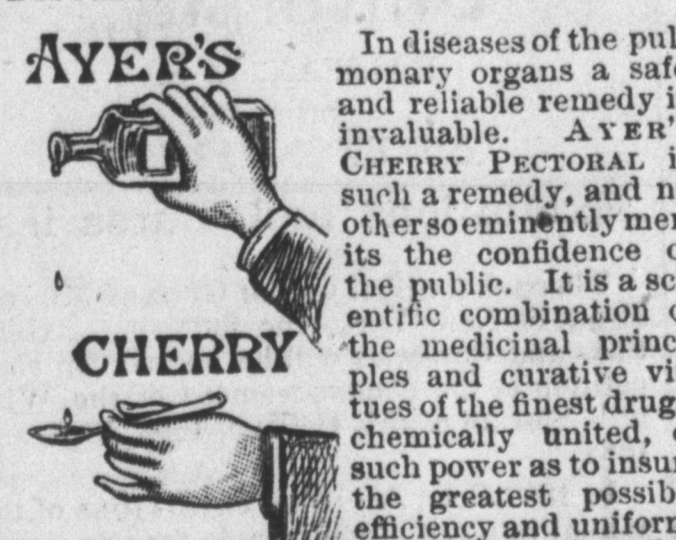
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