

# THINGS WORTH KNOWING

London has 200,000 factory girls.  
The specific gravity of human blood is 1033.

The United States has 1,000,000 working children.

During exercise the breathing capacity is increased.

The heart is about the size of the fist of the subject.

There are 11,000 boilermakers in the United States.

The city of Edinburgh has a circumference of ten miles.

There are about 13 or 14 pounds of blood in the body.

Norway has one university, 46 professors, and 880 students.

Germany has 21 universities, 1020 professors, and 25,084 students.

Austria has 10 universities, 1810 professors, and 13,600 students.

In healthy adult man the heart beats about 70 or 80 times per minute.

The average amount of time that a human being is ill in a year is ten days.

A deficiency of more than ten per cent of oxygen in the air is fatal to life.

An adult laboring man wastes five ounces of muscle in the course of his daily labor.

The old abbey, or, as some call it, the cathedral of St. Albans, is the longest church in England, namely 549 feet.

The number of telephones now under rental by the Bell Telephone company is 478,725, an increase of 38,885 over the same time last year.

In the 351 towns and cities of Massachusetts 248 now have free public libraries, and the state has lately provided aid for the 103 small towns and villages which have no libraries.

The wealth of the United States amounts to \$62,500,000,000, distributed among 13,000,000 families. There are 135,000 families which have an average wealth of \$186,000.

The total strength of the Russians actually engaged at the battle of Inkerman was 71,341, with 271 guns; while the British force only numbered 7464, afterwards reinforced at the end of the action by 8219 French.

The area of the city of Liverpool is 5,210 acres, which is slightly over eight square miles.

St. Alban, the patron of freemasons, is supposed to have introduced freemasonry into Britain.

The *Warrior* was the first iron-plated man-of-war in the British navy, and was launched 29th December, 1860.

Denmark and Sweden have the same currency as Norway, and the money of one country will pass in the others.

New York has a Hebrew population of from 225,000 to 250,000 souls. It contains more of the Israelites than all Palestine.

The railway lines in Norway are few compared with the area of the country. Their total length is about 1525 kilometres, or 1020 English miles.

Montana is larger than the Empire of Turkey. Texas is larger than the whole Austrian Empire by 30,000 square miles, and New Mexico is larger than Great Britain and Ireland together.

A very extensive domestic industry in Russia consists of the manufacture of wooden spoons, which are made to the amount of 30,000,000 annually. They are nearly all made of birch.

St. Swithin lived in the ninth century, and, having been preceptor to King Ethelwulf, was by that eminent personage created Bishop of Winchester in 852. Everybody, we suppose, knows the old tradition that if it rain on St. Swithin's day, which is the 15th of July, it will rain for forty days following.

An automatic machine for selling postage stamps is now being tried by the London post-office. It stands about a foot and a half high by several inches square, and can be adapted to any pillar letter-box. On dropping a penny into the slot provided, a drawer comes out, containing a memorandum book with a penny stamp on the cover.

The annual coffee crop of the world is estimated at over 11,000,000,000 pounds, worth at first hands \$135,000,000. This enormous quantity is grown in lands between the parallels of 30° north and 30° south latitude, mainly in British India and the neighboring islands, in Liberia and other parts of Africa, in the West Indies, Mexico, Central America and Brazil. The domestic consumption of the United States amounts to 561,132,100 pounds, which is valued here at \$72,140,000, and of which 90 per cent. comes from countries geographically belonging to this continent.

The number of insane persons under official cognizance in England and Wales on the 1st of January last was 86,795 being an increase of 728 as compared with January, 1890.

The superstition that men of extraordinary valor can render themselves invulnerable, and that leaden bullets were of no use against them, but that silver was essential, is still extant, and is or was common in other countries.

The holly, or ilex, is supposed to derive its name from the season in which it particularly flourishes (Christmas) being kept as holy by all who profess the faith of Christ. Of this tree there are several species, some of which produce yellow berries, and some white.

According to the *Pedagogical Seminary*, in Russia, Servia, Roumania, and Bulgaria, over 80 per cent of the population are illiterate, Spain 63 per cent, Italy 48 per cent, Hungary 43 per cent, Austria 39 per cent, Ireland 21 per cent, France and Belgium 15 per cent, Holland 10 per cent, United States (whites) 8 per cent, Scotland 7 per cent, Switzerland 2-5 per cent, some parts of Germany 1 per cent. In Sweden, Denmark, Bavaria, Wurtemberg, and Saxony only rarely a person cannot write.

Ptolemaeus Philopater, one of the ancient kings of Egypt, is said to have built a vessel 420 feet long, 56 feet broad, 72 feet high from the keel to the top of the prow, and 80 feet to the top of the poop. It had four helms of 60 feet; its largest oars were 56 feet long, with leaden handles, so as to be more easily worked; it had two prows, two sterns, and seven rostra or beaks. On both poop and prow it had figures of men and animals that were fully 18 feet high. It had 4,000 rowers, 400 cabin boys or servants, 2,820 marines to do duty on deck, besides being provided with immense stores of arms and provisions.

The French soldier has a hard life, barely provided with necessaries, and devoid of all superfluities, as may easily be believed when it is stated that each private costs the country only 394 francs a year (a little more than a franc a day) for his food, clothes, pay, and care in case of sickness. His pay represents the largest share of this magnificent sum; he receives 102 francs 50 centimes per annum! The meat consumed is reckoned at 83 francs 66 centimes a head; bread, vegetables, and other articles of diet, 91 francs 31 centimes; 15 francs a year are allowed for hospital expenses, and 5 francs 33 centimes for bed and bedding.

In silver dollars Vanderbilt's money could be laid out as follows:—Lengthways, dollar after dollar, it would reach 4,762 miles, or from New York to Liverpool. Piled one above another they would reach a height of about 356 miles. In extent it would occupy 60 acres. Its weight would be 7,160 tons. In freight cars, containing 20 tons each, it would take 358 cars, and would form a train 2½ miles long. On a pretty level gradient it would take 12 locomotives to pull this train, and it, on a pretty steep one, from 15 to 20. In one-dollar bills it would extend lengthwise a distance of 23,672 miles; and in extent it would occupy 746 square miles.

Strathfieldsaye was given to the Duke of Wellington after Waterloo, and is held by the ceremony of presenting a tricolor flag to the sovereign every "Waterloo day." The glory of the estate is its splendid timber.

The peeresses of the United Kingdom, in their own right, number six. Three of them go back to the third, fifth, and sixth Henries—that is, to the thirteenth, fourteenth, and fifteenth centuries; the other three are of the present reign.

The male fern has lately been extensively employed as a remedy for tapeworm, and with good effect. The attention of modern medical practitioners was probably first directed to it in consequence of its being the ostensible remedy of Madame Norisser, of Switzerland, who sold her secret method of expelling tapeworm to Louis XVI. for 18,000 francs.

The Fiji Islands are in the South Pacific ocean, between lat. 15.30 degrees and 20.30 degrees south, and long. 176.50 degrees east and 178.20 west. The windward group is named Fiji, and the leeward one Viti. Of the 225 islands—some of them mere islets—about one hundred and forty are inhabited; the total population being estimated at 250,000, of which between four and five thousand are whites. Viti Luvu is the largest and most populous of the group, and is about sixty-four miles broad from north to south and 97 miles long from east to west.

Though collisions between the Prussian and Austrian cavalry were of frequent occurrence in 1866, no extensive use of cavalry for reconnoitering and screening was made by the Prussians. The cavalry masses, like the artillery, generally followed at the tail of the army, with the result that on the eve of Koniggratz the Prussians were absolutely ignorant of the whereabouts of Benedek's army, which was concentrated opposite to them at a distance of little over four miles. But in the case of the cavalry, as with the artillery, the lessons of 1866 were not thrown away. The Prussians realized that "the really important duties of cavalry consisted in spreading out far and wide for the purpose of gaining intelligence of the enemy, and of covering and concealing the movements of their own army." Hence we hear no more of "reserve cavalry" in 1870. Though their action in battle was limited, the untiring activity of the German cavalry divisions in keeping ahead of the armies and screening their movements, so that the infantry, "as if in the midst of peace, were able to march quietly along up to the moment when they came into action;" in providing those "clear and trustworthy reports" on which "the decisive resolutions of the royal headquarters were based"—offers a sharp contrast to their performances in 1866.—*Blackwood*.

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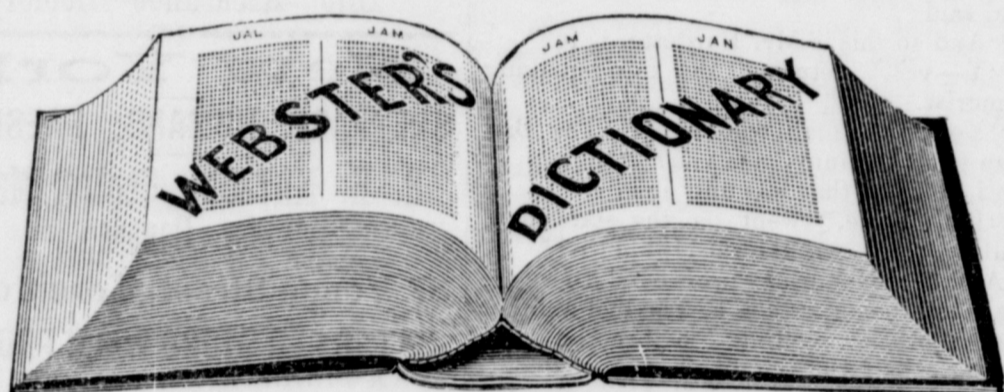
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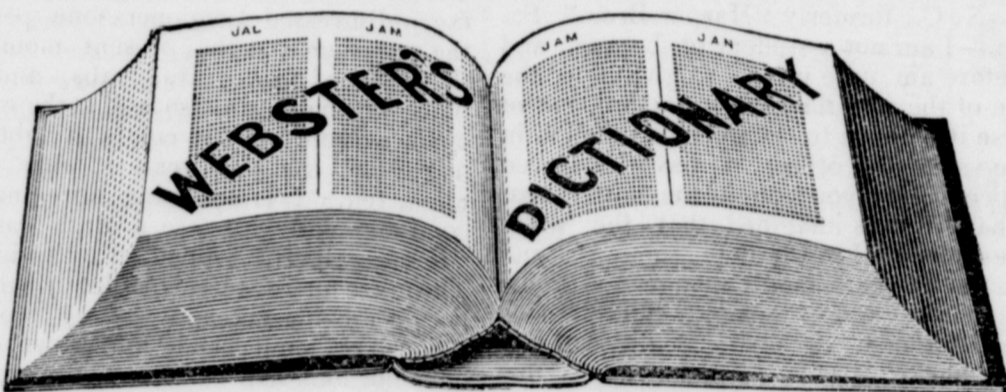
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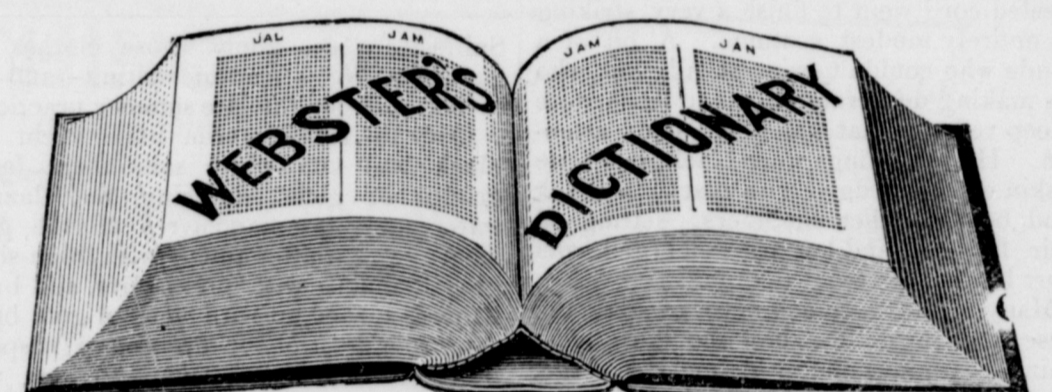
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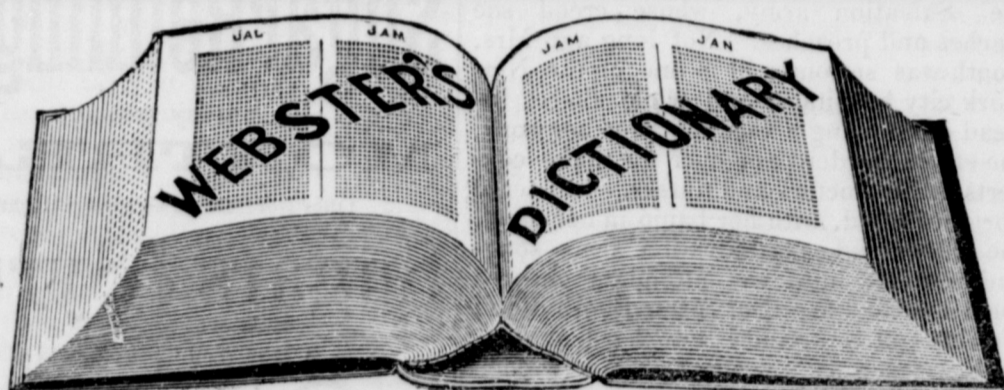


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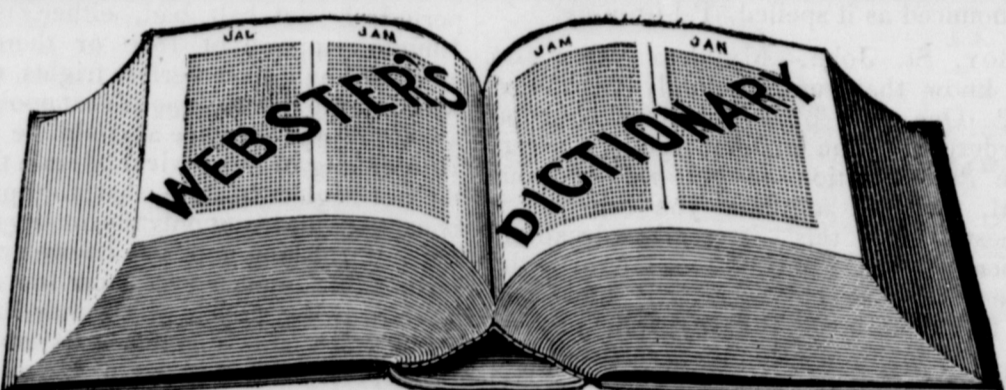


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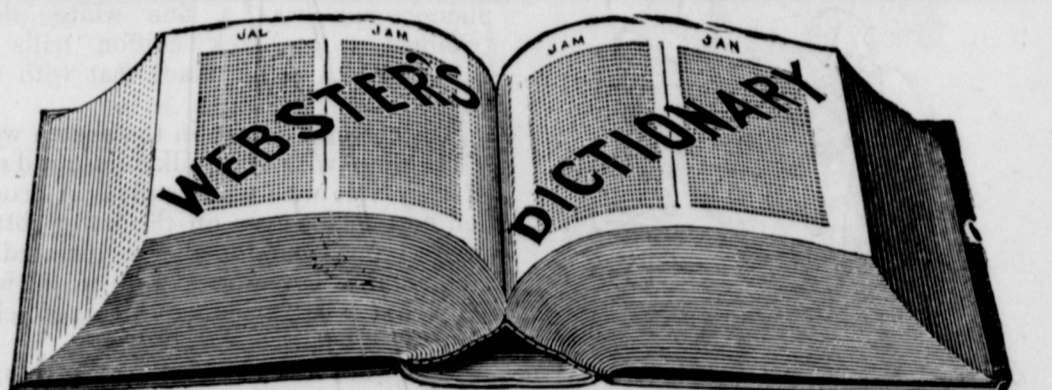
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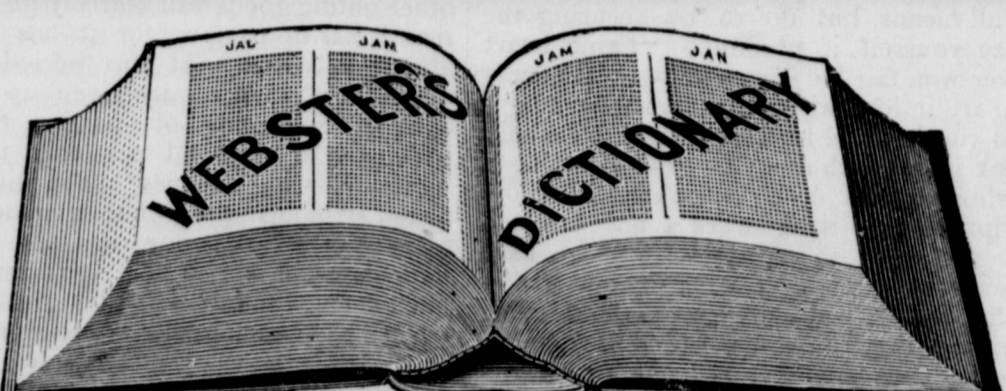


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