U. S. Government Baking Powder Tests.

The report of the analyses of Baking Powders, made by the U. S. Government (Chemical Division, Ag'l Dep't), shows the Royal superior to all other powders, and gives its leavening strength and the strength of each of the other cream of tartar powders tested as follows: LEAVENING GAS.

ROYAL, Absolutely Pure.

The OTHER POWDERS TESTED are reported to contain both lime and sulphurie acid, and to be of the following strengths respectively, . . .

114. 8.03 87.4 7.28 4.98 Royal Baking Powder is absolutely pure, and of

greater leavening power than any other powder.

Cubic in per 02.

151.1

133.6

123.2

Needles Are Very Ancient.

The needle is one of the most ancient implements or instruments of which we

have any record. The old time needles were unlike the modern luxury, they hav-

ing been made of wood, bronze, bone, etc., and without eyes, a circular depression at the blunt end having been so fashioned as

to enable it to carry the thread. Pliny de-scribes the needles of bronze which were

and since his day similar instruments have

The account further adds that the first needles manufactured in England were

made by a Spanish negro, who died with-out having taught any one his art.

During the reign of Elizabeth the industry was revived, and, strange to say, also by a foreigner—a native of India. The

forerunner of the present great Redditch needle manufactory was established by

Christopher Greening and a Mr. Damer in 1659. Many unsuccessful attempts were made to bring out the "drilled eye" needle before it was finally introduced in 1830. Two years later the "burnishing machine,"

with which the eyes of needles are highly polished, was completed. In this ma-

The Effect of Music on the Heart.

pleasure that is nigh akin to pain describes the effect of music, frequently more seri-ous to impressionable people. A physician

has said that it is a question if on great public occasions it is not the effect of

music, saying to the soul the things un-utterable, that is responsible for sudden

fountains of the deep get broken up. The troubling of the emotions disturbs the se-

Animal Color.

In experiments on the influence of food and surroundings on the color of animals, Mr. E. B. Poulton reared caterpillars of

the pepper moth under different condi-tions. Those confined among green leaves

and twigs became green, those having black or brown twigs mingled with their

food were brown or black, and others were

turned light colored by white paper. With

producing the change did not act through the eye, but through the skin, and con-

sisted of the formation of a definite pig-

ment, being therefore slower than in the

chameleon and frog, and capable of modifying the color of a caterpillar only once or twice in its lifetime.—Onlo State Jour-

Fifth Century Authors.

Herophilus, one of the Alexandrian school, wrote a treatise on the practice of

medicine, on obstetrics, on the eye, and on the pulse, which he correctly referred to the movements of the heart. He was

aware of the existence of the lacteals and of their anatomical relations to the mesen-

teric glands. Erasistratus—his colleague and a pupil of Theophrastus and Chrysip-

pus-was aware of the nature of the heart and its connection with the veins and ar-teries, but he fell into the error that the

veins were for the conveyance of air and the arteries for that of blood. Otherwise

he anticipated Harvey's great discovery. He knew also that there were two kinds of

nerves—those of motion and those of sensa-tion.—Westminster Review.

Wasting Medicine.

Mr. Thrifty-Doctor, I don't think much of that cough medicine of yours.

entirely disappeared, and there is the other three-quarters just thrown away.—Ex-

A Joker Among Birds. The bluejay is a practical joker. It is his habit to conceal himself in a mass of leaves near the spot where small birds are

accustomed to gather, and when they are enjoying themselves in their own fashion

will suddenly frighten them almost to leath by screaming out like a bawk. Of

fead waste. Curem—Dead waste?

Dr. Curem-I am very sorry to hear that. What is the reason? Thrifty-Why, there is so much of it

used by the ancient Greeks and Romans

13.06

Guatemala, Nicaragua and the Libers of Hondaras are combining against

Our renders will serve themselves by noticing the remarkable offerings advertised n another column by the Sherwood Hall Nursery Co. of Menlo Park and San Franco, who are leaders on the coast in furshing everything for the farm and garden.

A new kind of flat nel is called "tramp flan-nel." It shrines from washing.

THE REASON.

Let us look into the force, meaning, reason of the oft-repeated line: Cures Promptly and Permanently. Pains Endured for 30 Years,

20 Years, 10 Years, Have been promptly Cured by

25 Years.

ST. JACOBS OIL By the use of:

A FEW APPLICATIONS A HALF BOTTLE ONE BOTTLE TWO BOTTLES. Correspondence with Sufferers shows atire permanence of cure up to this time, in some cases covering

5 Years. Years, 8 Years, 10 Years, and co on, and it tripf we hold.

one of t. "Onder Portfolio of the committee Experimen," descriptive dines and Grounds, beautifully illusing water color effects, will be sent to dress upon 7 cepts of life in postere by The Charles A. Vooslag Co., one, Mp.

My wife suffer with indigestion and dyspepsia for years. Life became a burden to her. Physicians failed to give felief. After reading one of your boxe. I purchased a bottle of Ang. Flower, It worked like a charm. New York Evening Sun. like a charm. My wife received im-mediate relief after taking the first dose. She was completely curednow weighs 165 pounds, and can eat anything she desires without any deleterious results as was formerly the case. C. H. Dear, Prop'r Washington House, Washington, Va. @

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g twinty-bie distinct varieties—a large each—for \$2.5%, or a packet of the same wixed, for 10 cents.

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cirong, healthy, pot-grown plants, free by mail.

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With either of above collections our handsemely surject to pega catalogue is sent free. This is imitted to be a work of art, and contains a reproduction in the production of the pega catalogue is sent free. in natural colors, of the twenty-one varieties non-breally recognized as The Timothy Hopkins-fection of Sweet Peas.

HERWOOD HALL NURSERY CO.



Thrifty-Yes, I hadn't taken more than a quarter of the bottle when my cough had

in the World! A. J. TOWER, BOSTON, MASS. PISO'S CURE FOR Consumptives and people who have weak lungs of Asth-ma, should use Piso's Cure for Consumption. It has cured thousands. It has not injur-ed one. It is not had to take. It is the best cough syrup. Sold everywhere. 25c. CONSUMPTION.

pourse they scatter in every direction, and when they do so the mischlevous rascal gives vent to a cackle that sounds very much like a laugh.—Yankee Blade.

TENNYSON.

Berond the sunset he hath gone at last; Palsted the pen, silent the silver tongue. Finished the tender, tearful songs he sung. The martial note that like a bugle rung. Whose echoes suned from our firm. Whose schoes sound from out a fading past.
O cruel years, O years that speed so fast,
Taking the choicest and the best of ours,
Stealing life's summers and its sweet heart's

Stealing life's summers and its sweet heart's flow'rs,
Crushing the pearls that are before us cast;
Thus from our century, ere we turn the page,
A spirit goeth, one who moved our moods
From Crimean charges to the peace which

O'er sunlit meadows and in twilight woods-The altruistic genius of our age.

-Howard James in Kate Field's Washington.

Clever Catches.

A young lady was once talking with a very young and very smart man, who was inclined to air his knowledge of the lan-guages a little beyond what she felt that modesty required. She therefore said to him, with an air of deference to his superior attainments;

"You are a Latin scholar. I wish you would tell me how to pronounce the word

wount tell me now to pronounce the word 'so-met-i-mes.'"

The youth, with an air of kindly patronage, replied, "I have not met the word in my Latin reading, but I should have no hesitation in saying that it should be pronounced 'so-met-i-mes'" (giving it in four syllables, the accent on the second).

"Thunk you for talling my "replied the

"Thank you for telling me," replied the girl demurely. "I have always heard it pronounced sometimes, but if you say the other way, that must be right."

This is similar to the perhaps familiar

catch of the pronunciation of "bac-kac-he," which will often surprise the uninitiated by proving to be only backache. It also reminds one of a question printed some years since, as to the way of spelling "need"—to need bread. The average person will reply "k-n-e-a-d of course," but the answer will be, "that is the way to spell knead dough, but not to need bread." Harper's Young People.

The Wonder of All Wonders

been found in comparative abundance both at Herculancum and Pompeli. The first account of the manufacture of "white Sarah Jessop, of this place, was one of the most wonderful of Georgia's many natural freaks. She was a colored woman, iron," or steel needles, says that they were made at Nuremberg, in 1400, and, while the exact date is in doubt, they are said to have been made in Britain as early as 1545. and when I saw her last had a 2-fuch fron cylinder passing through her breast. When Sarah was very small this passage appeared as a simple dent or cicatrice. At the age of six years it was sufficiently large to admit the thumb of an adult and ex-At a later period-about the age of thir teen, I believe—a local physician inserted a metal tube as a protection to the girl's internal anatomy. When the size of the cavity or passage increased the cylinders The loosened and dropped out, whereupon larger ones were regularly inserted. When Sarah died (from other causes), at the ago of twenty-three, the cylinder was a fraction over two inches in diameter and passed through her breast between the lungs, coming out at the junction of the shoulder blades.—Augusta (Ga.) Cor. St. Louis -Augusta (Ga.) Cor. St. Louis

A Big Blander.

chine, which is very simple, the needles are all strung on a wire, which revolves rapidly, thereby imparting a beautiful finish to the eye.—St. Louis Republic. Some years ago Willie Biair, the "queen's fiddler," was playing at a ball which the fiddler," was playing at a ball which the Prince of Wales had given to the domes At the military parade a small boy from the country, who had scarcely ever heard martial music, turned suddenly, putting his hand on his heart,
"It makes me feel so queer here," he said, the tears standing in his eyes,
"You are filly inquired his anxious quarties. tics connected with Abergeldie castle. The dancers had been rather exacting in their demands upon the musician, and Willie was in no very amiable mood when the prince bimself entered the room unobprince himself entered the room unob-served by the fiddler, and stepping up be-hind him said, "Play up the 'Lock of For-farg' Willie." Theold man, without look-ing round, and thinking it was one of the servants, growled in response, "Aye, an I wish you were a' drooned in it!" The prince laughed as identify as anybody at guardian.
"No. I think I like it," he gasped.
The untutored lisping of the boy of the the mistake—a good deal more so than the fiddler.—Scottish American.

In its war with England and France in 1859-60 China was easily conquered and forced to a humiliating peace. The Peking Gazette, the official organ of the governillness, faintings, hysterics and calls for the ambulance. These physiological ef-fects he traces through the emotions. The ment, however, reported the following concretions, there is an uneasy stir, it in-creases into an excitement, there is a call

cerning that treaty of peace:
As the western barbarians have admitas the western paroarians have admit-ted their wrongs and humbly solicited for peace, the emperor in his infinite goodness has granted their prayer, and, moreover, has made them a present of a large sum of money (indemnity of war) to eng to begin an honest life, so that they may not again be driven to murder and rapine. -Detroit Free Press.

White Animals Among the Japanese A white fox is often mentioned in the Japanese fables, and a white serpent appears in their pictures of Benten, the goddess of fortune. Among the Japanese, as among the ancient Greeks and Scythians, white horses were dedicated to the gods, and are still attached to the larger temples of the country. The milk and butter of artificial colors red and blue tended to produce a dark coloration, though very strangely, painted twigs had not the same effect as those with the same natural tints. It was shown that the sensory stimulus white cows were formerly prized as a medleine.-London Globe.

Breathing of Insects.

Insects generally breathe through spe cial pores in various parts of their body. and if these pores are closed by oil they are suffocated. Any one may test this by dropping sweet oil on the thorax or back of a wasp. It very soon dies. For this rea-son oil has been found one of the best things to use for the destruction of insects. - London Tit-Bits.

An Abbreviation Explained. The origin of the symbol "cwt," for hun-dredweight is as follows: C is the initial

letter of the Latin word "centum," ing a bundred, and wt are the first and iast letters of the word "weight" and are used as a contraction for it.—Brooklyn Eagle.

Diphtheria and Smokers.

It may be not generally known that four men in etary six use tobacco; yet a medi-cal man in Vienna asserts that diphtheria is thrice is prevalent among smokers as those who deny themselves the luxury of the weed.—Chambers' Journal.

The Picis Jardin des Plantes owes its origin to a florist, who, in the time of Henry IV grew all sorts of native and im-ported plats, to sell flowers as models to the materfacturers of embroideries and

The glawworm lays eggs which are themselve luminous; however, the young hatched om them are not possessed of those parties until after the first transformation.

Emphasis laid upon the necessity of watching dozely for the first fluttering of the pulse h diphtheria. Such a fluttering predicts dingerous heart failure.

The cry of a young scal when wounded or about to be attacked resembles that of a child indistress, and tears flow from its

The kule though very old, had not come into common use as a table utensil in the Tenth century.

NATURE'S SUREST ALLY.

NATURE'S SUREST ALLY.

It nature did not struggle against disease, even in weakly constitutions, swift indeed would be the course of a maissty to its fatal termination. While nature thus strig ies let us lest worse belail us, and her efforts with indictions medicinal help. Experience must be our guide in battles with disease, and that "lump to our feet" indicates Hostelter's Stomach Bitiers as a safe, tried and thorough sily of rature. It the blood be infected with bile, if the benefits and stomach are inactive, if the kidneys fall to expel impurities of which they are the natural notice, a course of the Bitter's is the surest reliance of the sufferer, one, moreover, that is sauctioned by professional indorsement and use for mearly half a century. No American or foreign remery has carned greater distinction as a remedy for and preventive of chronic liver compision, malaria, constipation, kidney and ricelinate trouble and debidy.

"He ct ev are, my good man; but I do not know that they will fit you." Hardl ck-Yes, this is the very suit of clothes I gave your hus-band six months ago."

PROOF OF MERIT.

The proof of the merits of a plaster i the cures it effects, and the voluntary testimonials of those who have used ALL-COCK's POROUS PLASTERS during the past thirty years is unimpeachable evidence of

their superiority and should convince the most skeptical. Self-praise is no recommendation, but certificates from those who have used them are.

Beware of imitations and do not be deceived by misrepresentation. Ask for ALL-cock's, and let no solicitation or explanation induce you to accept a substitute.

Cititiens—I worder how it is that so few women itu. ter when they talk? Wittlens—They haven't not I me.

STATE OF ORIO, CITY OF TOLEDO | 88.

STATE OF ORIO, CITY OF TOLERO (186.
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FRANK J. CHENEY MRK'S ORTH that he is the entor partner of the firm of F. J. CHENEY & CO., doing business in the city of Toledo, county and state aforesaid, and that sate, firm will pay the sum of ONE H. NDRED DOLLARS for each and every case of catarra that cannot be cured

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RUPTURE AND PILES CURED.

We positively cure rupture, piles and all rec-tal diseases without pair or detention from busi-ness. No cure, no pay. Also all Private dis-cases. Address for pamphlet Drs. Porterfield & Losey, SSS Market street, San Francisco.

A boy soon learns that he can get anything from his mother by asking for if out 1 od in his prayers, but that he can't work his father that way.

The good reputation of "Brown's Bron-chiai Troches" for the relief of coughs, colds and throat diseases has given them a favorab e notoriety.

Little Dot-Oh, lear! I wish I wasn't a girl Teacher-You do? W y? Little Dot-Cause I like to sit with the boys. HOW PORTLAND GROWS.

Another Big Wholesale House Recently Started There.

Mr. William M. Jack, formerly in business at Butte, Mont, Mr.M. Howard lately connected with the National Tube Works Company of Cheago, and Mr. H. R. B. gutton, until recently in charge of the business of the Western Tube Company of Kewanee, 1th. on this coast, have associated themselves together under the style of the W. M. Jack Company, for the purpose of carrying on a jobbine business in the line of wrought from pipe, fittings, valves and coaks for steam, water and gas, at am pumps, bose, leather and rubber helting, steamship, millian engineers supplies, with the advantage that long experience in these diacs gives, with ample espital and a thorough knowledge of the requirements. I the tradaction to become one of the leading jobing houses of Portland. The company occupies a 105-feet front, three-story, commotions building, at 11 and 15 front arrect, fitted up expressly for its Euclines.

For new and old SACKS, CHILIAN GUANO, to, write Eventing a Fannell, Portland, Or.

THY GERMEA for breakfast.

Use Enameline Stove Folish; no dust, no smell.



FACE AND FIGURE show it, if you're a healthy woman. They'll have a beauty of their own, no matter what your features. Perfect health, with its clear skin, rosy cheeks, and bright eyes, is enough to make any

eyes, is enough to make any
woman attractive.
To get perfect health, use
faithfully Dr. Pierce's Favorite Prescription. That
regulates and promotes all
the proper functions of womanhood, improves digestion, enriches the blood, disnels aches and pains brings | | | pels aches and pains, brings refreshing sleep, and restores health, flesh and strength.

For periodical pains, prolapsus and other displacements, bearing-down sensations, and "female complaints" gen-erally, it is so effective that it can be guaranteed. If it doesn't benefit or cure, you have your money back. Is anything that isn't sold in this way likely to be "just as good."

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mystery surrounds this formulathe only mystery is how quickly it builds up flesh and brings back strength to the weak of all ages.

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Weakness, Nervousness, Salt



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Saved My Wife From the Crave. The sait theum has entirely healed and she is restored to good health. I have many friends and relatives in the east who will be glad to know that

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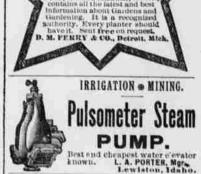
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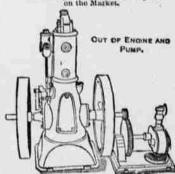


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