SCIENCE AND INDUSTRY.

-There are in all seven species of parasites known to prey on the Hessian fly. Miss Ormerod, an English woman, famous for her insect knowledge, has hatched them out and classified them. -Dr. Henocque, of Paris, has invent-

ed a new spectroscope for investigating the changes in the blood. It is expected to prove of importance in studying nutrition.

-It is estimated that over 30,000 pianos are in use in the city of Brooklyn alone. In the opinion of some people the time is fast approaching when a piano will become a necessity instead of a luxury.

-Prof. W. Mattieu Williams offers as a better explanation than the old one of the zigzag course of lightning that, owing to variations of moisture, the conducting power of different portions air is variable, and the electric discharge follows the course of least resistance.

-There are 337 blast furnaces in operation in the United States, producing 125,539 tous per week, and 313 idle, with a weekly capacity of 122,042 tons. The anthracite capacity has increased from 33,602 tons weekly a year ago to 85,278 now .- Public Opinion.

-The bacillus of cancer is hard to find, and Dr. Senger reports to the Berlin Clinical Society that he has been unable to verify observations claimed to have revealed the organism. Cancer vast majority of persons who wear appears to be peculiar to man, as it has never been inoculated in the lower ani- They use them to avoid a constant mals.

vented in Sweden which is asserted to muscular energy. The over-sighted possess wonderful microscopic power. eye, in which the focus comes behind While the highest power of an old- the retina, has to perform this muscafashioned microscopic lass reveals only the 1-400,000th part of an inch, this new headache, irritability and nausea. The glass will enable us to distinguish only remedy in such cases is to 1-204,700,000th part of an inch.

paper and colored like walnut, and are glue, linseed oil and carbonate of lime or whiting are mixed together and heated into a thick cream, which, on being allowed to ... is run into molds and hardened.

-The trade in blrds for women's hats was so enormous last year that a single London dealer admitted that he week, there were sold 6,000 birds of paradise, 5,000 Impeyan pheasants, 400,000 hum ning birds, and other birds from North and South America.

continents average 3 deg. C. (54 deg. F.) colder than the oceans between the latitudes of 90 deg. N. and 50 deg. S. The New Continent is 3 deg. colder than the Old; and the Atlantic 26 deg. hemisphere contains 14 per cent. of the cold regions, 35 per cent. of the temperate and 51 per cent, of the hot.

-"An automatic safety engine," burning kerosene oil, is said to be all

CARE OF THE EYES.

stracts from a Recent Lecture by Dr. Dav.d Webster.

the eyes of the electric light are erroncous. Reading while riding in cars should be avoided. The jolting and shaking of the train causes a great strain to the eyes and injures them. There is a great deal of popular prejudice against spectacles, but there are two good reasons why they should be worn, and only two. One is that we may see better, and the other that strain on the eyes may be relieved. The near-sighted child should wear spectacles, because they are the best preventive against increase of nearsightedness, and also beea use he loses a great part of his education in not being able to see more than a few feet prepar d only by Fieming Bros., P away, When a person grows old the "urgh P., Price" 5 cents. Sold by away. When a person grows old the power of accommodation is lost, and even if he be not near-sighted the hardening of the crystaline lens pre-

vents sight at short distances. Hence, he is obliged to wear glasses. The glasses can see as well without them. strain on the eyes. The act of focal--A new kind of glass has been in- ization is a muscular one, and uses up lar act continually. The results are wear glasses. For eyes in a healthy -Picture frames are now made of state, pure cold water is the best wash. When the eyelids are inflamed, a weak so perfect that no one could detect them solution of salt and water makes the without cutting them. Paper pulp, bes domestic eye lotion. Never apply

-American churches are springing ner in 1803. sold two millious of small birds of every up all over the Argentine Republic, kind and color. At one auction in one nearly every important town having one with a Sunday-school attachment.

-The number of women attending and \$60,000 feathered skins from India. of women are attending co-educational

-Nearly all the German universities have large endowments, and yet the state budget every year gives them large sums of money. The University colder than the Pacific. The northern of Leipzig, for instance, is more than four hundred years old and has large possessions of real estate in the city, for the last twenty years. They are tru y The Saxon Government, however, a househo d remedy. If one of my chigives it every year about \$400,000.

-The Baptist Theological Seminary

He who steals a little steals with the same vish as he who steals much, but with loss power.

David Webster. In rending, the book should be held at a distance of from ten to fifteen inches from the eyes. The reader's cosition should be such that the light may full on the book and not on the eyes. The light itself should be suffi-cient; nothing is so injurious to the eyes as poor light in rending. Next to sunight the incandescent light gives the best illumination for reading, and ail notions of the injurious effect on the eyes of the electric light are error. But COULDN'T UNDERSTAND IT. "What in the world has happened to you since the last time I as word? asked one hay of another when they met on the strength of a book and not on the other day; "I can't understand it. Then you were pale, haggard and low-spirited, and I re-member you said that you hardly cared whethe you lived or died. To day you look ever so much younger, and it is very evident from your beaming face that your low spirits bave taken flight." "Yes, indeed," was the re-ply; "and shall the 'Prescription. Now I am as well as I ever was in my life. No woman who suffers as I did, ought to let an the regens of the electric light are errors. SHE COULDN'T UNDERSTAND IT.

In buying, study caretuily the wants of your trade, and buy with that end always in view.

FROM MONTANA. HELESA, M. T., Jany, 16th, 1888.

FLEMING BROS. Gentlemen: I have taken a great many of DR C. MCLANES CHLEBRATED LIVER of DR C. MCLANES CHLEBRATED LIVER PILLS, and find them to be a wonderful pill-all that you claim for them. They act like a charm in cases of billousness. si k headache, dysentary, etc. [Box 954] Mrs Henry Winkleman.

Cure sick headache, billousness, liver complaint, dyspepsia, heartburn, indiges-tion, malaria pimples on face and body, impure blood, etc., by using regularly DR. C. MCL-NES CELEBRATED LIVER PILLS, BUR. Pittsall druggists. Insist upon having the genuine DR. C. MCLANE'S LIVER FILLS, prepared by Fleming Bros., Pittsburgh, Pa.

The great fact is, that life is a service, the only question is. Whom shall we served

HOW TO REDUCE YOUR EXPENSES. HOW TO REDUCE YOUR EXPENSES. You can do it easily, and you will not have to deprive yourself of a single comfort; on the contrary, you will enjoy life more than ever How can you accomplish this result faally; ent down your doctor's bills. When you lose your appetite, and become billious and coast pated, and therefore low spirited, don't rush off, on the other hand, wait null you are sick abed before doing anything at all; but just go to the druggist's and for twenty-live cents get a sup-ply of Dr. Pierce's Pieasant Purgative Felles. Take them as directed, and our word for it, your unpleasant symptoms will disappear as if by magic, you will have no bag doctor's bill to pay, and everybody interested (except the doc-tor), will feel happy. We are first of all, in all our prayers and in

We are first of all, in all our prayers and in Il our conduct to have respect to God s glory.

LUNG TROUBLES AND WASTING

bes domestic eye lotion. Never apply poultices to the eye. -N. Y. Sun. SCHOOL AND CHURCH. -The Presbyterian church, organ-ized in 1788, has 389 presbyteries, 8,323 ministers, 11,212 churches or parishes and 750,000 members.

Morphia was discovered mopium by Sertuer-

A PRIZE OF \$100,000

is a good thing to get, and the man who wins it by superior skill, or by an unexpected turn of Fortune's wheel, is to be coogratulated. But he who escapes from the clutches of that dread monster. Consumption, and wins back health 00,000 hum ning birds, and other irds from North and South America, and 360,000 feathered skins from India. -According to General Tilo, the ontinents average 3 deg. C. (54 deg.

Our prayers are sometimes best answered whyn our desires are most opposed.

TRULY A HOUSEROLD REMEDY. 240 BEDFORD AVE,, BROOKLYN, N. Y., March 1 , 1834. I have used ALLCOCK'S POROUS PLASTERS aren has a cold and wheezes, I put an ALLCOCK'S FOROUS FLASTER on the chest



bit on the assity made selling the Farmers' Friend, bag holder and scales combined. **Don't miss his.** Send for circulars. E. E. BAIR, Manager uget Sound Mfg Co., Tacoma, Wash. Ter. this. Send fo





that its name implies. The several parts are so well designed that a hot bearing has never been known as yet. The fuel is kerosene oil, at the exceedingly low fire test of 110 to 115 degrees, which makes a cheaper fuel than hard coal at \$1,50 per ton. These engines are adapted to a great variety of work, from running sewing machines to driving elevators. They will never fail where fair usage is granted them.

-Celluloid has recently been used as a substitute for copper in sheathing the hulls of vessels, and has been found to answer the purpose admirably. Plates of this substance have been applied to a number of vessels and allowed to remain six months. At the end of that time the parts of the hull left uncovered were found to present abundant collections of marine vegetations, while the celluloid was intact and free from any such vegetable masses. It is said that it can be applied to the hull in very thin plates and vet answer all demands for solidity, resistance to chemical action, etc.-Iron Aqe.

HE BAD RED DOG.

He Starts a Fight and Then Runs Away Like a Coward.

There were seven or eight boys and a dog fight in an alley off Second street yesterday as a policeman happened along, and after clubbing the dogs apart he said to the largest boy:

"Now, then, I want to know all about this."

"Well, you know," replied the boy, "I was coming up the alley with my spotted dog. That boy there was coming down the alley with his black dog." "And you knew the dogs would fight,

of course."

"O, no, sir. When we came up to each other the dogs began to play. We were talking about going a-tishing, when that boy over there came along with a little red dog."

"Where is it?"

"Run away, sir. His red dog began to pick a fight with my dog, and ther the black pitched in. This let the red dog out, and away he went."

"But why didn't you separate them?" "Then who'd get the money?" "Money! So you had money up?" "Why, after they got to fighting each of us bet on our own dog, of course."

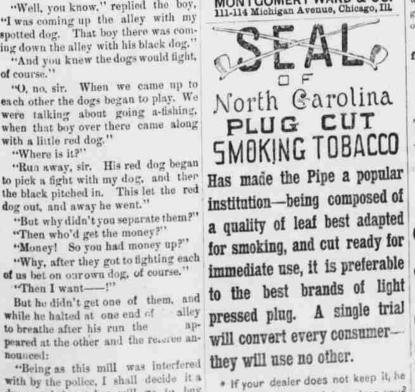
while he halted at one end of alley to breathe after his run the apnounced:

with by the police, I shall decide it a Press. and the second second

-The Baptist Theological Seminary at Morgan Park, near Chicago, intely any of the children have croupy coughs, board of trustees.



The BUYERS' GUIDE is issued March and Sept., each year. It is an encylopedia of useful information for all who purchase the luxuries or the necessities of life. We can clothe you and furnish you with all the necessary and unnecessary appliances to ride, walk, dance, aleep, appliances to ride, work, go to church, or stay at home, and in various sizes, styles and quantities. Just figure out what is required to do all these things what is required to do all these things COMFORTABLY, and you can make a fair estimate of the value of the BUYERS' GUIDE, which will be sent upon receipt of 10 cents to pay postage, MONTGOMERY WARD & CO.



oranges for the crowd. -Detroit Free will get it for you, if he values you? trade.

at Morgan Fark, hear Onleago, tabely dedicated a new building for chapel, library and recitation purposes. It is a two-story structure of brick, with stone basement and granite trimmings. Building and grounds cost \$38,000, and were the gift of Mr. E. Nelson Blake grounds of Mr. E. Nelson and were the gift of Mr. E. Nelson Blake, president of the seminary's two ALLCOCK'S POROUS PLASTERS applied over the stomach cure in from two to five hours. I notice particularly that these Plasters never abrade the skin, or cause the slightest irritation. From my own experience I know they never fail for rheumatism, pains in the back or iumbago.

C. MIDDLEBROOK.

There are \$1,000,000,000 worth of diamonds in the world

Throat Discases commence with a Cold, Cough or over-fatiguing the voice. These symptoms (which, if neglected, often result in a chronic trouble of the Throat) are allayed by the use of "Bronen's Branchial Troches,"

J. H. FISE. Assayer and Analytical Chemist, Laboratory, 106 Virst st., Portland, Or. Analyses made of all substances. Rates for assaying gold and silver orce \$1.60. Paca-ages sent by mail or express promptly attended ages sent by man or t

THY GERMEA for breakfast.

See Antisell Plano advertisement.

BETTER THAN **IRRIGATION**

Kast's CATALOGUE OF FASH IONABLE SHOES

The Finest and most Complete Shoe Catalogue over published in the United States. It will enable you to buy your footwear as intelli gently and profitably as though you visited our store and personally made your purchase.

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SIBINWAY, ENGANICES, FEANE & Places, Burdett (regan, band instruments, Larger stock of Sheet Music and Books, Randz supplied at Eastern Prices, MATIBIAN GRAY OO., 26 Post Esset, San Francisco



[COPULIGHT, 1887.]

DAVID G. LOWE, Esq., of St. Agathe, Manitobi, Canada, says: "Being troubled with a berribis bil-ions attack, fluttering of the heart, poor rest at hight, etc., I commenced the use of your 'Golden Medical Dissouvery' and 'Pelicus,' and derived the very highest benefit therefrom." BILICUS ATTACK.

CONTRIGUT NOT:

ACRE YOOU SICK:

To you first dutt, larguid, low spirit diversity of you have all or in you on the first and understand of the set in and understand of the set in an one of the set in the set in

Mrs. I. V. WERBER, CT Furkshire, Catterangus Co., N. Y., writer: "For five years previous to taking 'Golden Medical Discovery' and 'Pellets,' I was a great sufferer; had a severe pain in my right side continually: was unable to do my own work. I am now well and strong " LIVER DISEASE.

THE LIFE." BLOOD IS "FOR THE

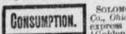
Thoroughly cleanse the blood, which is the fountain of health, by using DR. Prence's Golders MEDICAL DISCOVERTY, and good digention, a fair skin, buoyant purits, and bodily health and vigor will Golders MEDICAL DISCOVERTY curves all

A medicine possessing the power to cure such inveterate blood and skin diseases as the following testimonial portrays, must certainly be credited with possessing properties capable of curing any and all skin and blood diseases, for none are more obstinate or difficult of cure than Salt-rheum.

<text><text><text><text><text><text><text><text>

CONSUMPTION, WEAK LUNGS, SPITTING OF BLOOD.

GOLDEN MEDICAL DISCOVERY CURES COn-sumption (which is Scrotula of the Lungs), by its wonderful blood-purifying, invigora-ting and autritive properties. For Weak

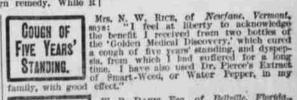


CONSUMPTION. SOLOMON BOTTS, of North Clayton, Miant Ca., Onio, writes: "I have not the words to express my gratitude for the good your 'Golden Medical Discovery' has done my wrife. She was taken with consumption, and after trying one doo-tor after unother I thaily gave up all hope of relief. Being very poor and having but one dollar in the world, I prayed to God that he might show me something ; and then it seems as though some thing did tell me to get your 'Golden Medical Discovery.' My wife took it as directed, and as a result she is so she can work now.'



ED UNDS. Then I used to ent about one meal a day, and now can or five if 1 dared to."

Wasting Disease .- WATSON F. CLARKE, Esq.,



W. R. DAVIS, Esq., of Bellville, Florida, writes: "I have taken your wonderful 'Golden Medical Discovery' and have been cured of consumption. I am how sound and well, and have only spent three dollars, and I would not take three thousand dollars and I wath WORTH \$1000 A BOTTLE.

he put back where I wa. Discovery \$1.00, Six Bottles for \$5.00; by Bruggists.

WORLD'S DISPENSARY MEDICAL ASSOCIATION, Propr's, No. 663 Main St., EUFFALO, N. Y.