VOL. XLV. NO. 3.

TIONESTA, PA., WEDNESDAY, MARCH 13, 1912.

\$1.00 PER ANNUM.

BOROUGH OFFICERS

tions. Always give your name.

Burgess .- J. C. Donn. Justices of the Peace-C. A. Randali, D. Conneumen .- J. W. Landers, J. T. Dale, G. B. Robinson, Wm. Smearbaugh, R. J. Hopkins, G. F. Watson, A. B. Kelly

Constable—L. L. Zuver. Collector—W. H. Hood. School Directors—W. C. Imel, J. R. Clark, S. M. Henry, Q. Jamieson, D. H.

FOREST COUNTY OFFICERS.

Member of Congress—P. M. Spear. Member of Senate—J. K. P. Hall, Assembly—W. J. Campbell, President Judge—W. D. Hinckley, Associate Judges—Samuel Aul, Joseph

M. Morgan.
Prothonotary, Register & Recorder, &c.
-S. R. Maxwell. -S. R. Maxwell.
Sheriff-Wm. H. Hood.
Treasurer-W. H. Brazee.
Commissioners-Wm. H. Harrison, J.
C. Scowden, H. H. McClellan. District Attorney - M. A. Carringer, Jury Commissioners - J. B. Eden, A. M. Moore.

Oroner—Dr. M. C Kerr.
County Auditors—George H. Warden,
A. C. Gregg and S. V. Shields.
County Surveyor—Roy S. Braden.
County Superintendent—J. O. Carson.

Regular Terms of Court. Fourth Monday of February. Third Monday of May. Fourth Monday of September. Third Monday of November.

Regular Meetings of County Commis-sioners 1st and 3d Tuesdays of month.

Church and Sabbath School.

Presbyterian Sabbath School at 9:45 a. m.; M. E. Sabbath School at 10:00 a. m. Preaching in M. E. Church every Sab-bath evening by Rev. W. S. Burton. Preaching in the F. M. Church every Sabbath evening at the usual hour. Rev.

G. A. Garrett, Pastor.

Preaching in the Presbyterian church every Sabbath at 11:00 a. m. and 7:30 p. m. Bev. H. A. Bailey, Pastor, The regular meetings of the W. C. T. U. are held at the headquarters on the second and fourth Tuesdays of each

BUSINESS DIRECTORY.

The NESTA LODGE, No. 369, L.O.O.F. Meets every Tuesday evening, in Odd Fellows' Hall, Partridge building.

CAPT. GEORGE STOW POST, No. 274 G. A. R. Meets 1st Tuesday afternoon of each month at 3 o'clock. CAPT. GEORGE STOW CORPS, No. 137, W. R. C., meets first and third

Wednesday evening of each month. T. F. RITCHEY, ATTORNEY-AT-LAW, Tionesta, Pa.

M. A. CARRINGER,
Attorney and Counsellor-at-Law,
Office over Forest County National
Bank Building,
TIONESTA, PA.

CURTIS M. SHAWKEY,

Practice in Forest Co.

A C BROWN,
ATTORNEY-AT-LAW,
Office in Arner Building, Cor. Elm
and Bridge Sts., Tionesta, Pa.

FRANK S. HUNTER, D. D. S. Rooms over Citizens Nat. Bank

TIONESTA, PA DR. F. J. BOYARD,

Physician & Surgeon, TIONESTA, PA. Eyes Tested and Glasses Fitted. DR. J. B. SIGGINS. B. SIGGINS, Physician and Surgson, OIL CITY, PA.

HOTEL WEAVER, . Proprietor. Modern and up to date in all its ap-ointments. Every convenience and pointments. comfort provided for the traveling public

CENTRAL HOUSE, R. A. FULTON, Proprietor. Tionseta, Pa. This is the most centrally located hotel in the place, and has all the modern improvements. No pains will be spared to make it a pleasant stopping place for the traveling public.

DHIL EMERT

FANCY BOOT & SHOEMAKER. on Elm street. Is prepared to do all ginds of custom work from the finest to the coarsest and guarantees his work to give perfect satisfaction. Prompt attention given to mending, and prices rea-

Fred. Grettenberger GENERAL

BLACKSMITH & MACHINIST.

All work pertaining to Machinery, Engines, Oil Well Tools, Gas or Water Fittings and General Blacksmithing promptly done at Low Rates. Repairing Mill Machinery given special attention, and satisfaction government. satisfaction guaranteed.

Shop in rear of and just west of the Shaw House, Tidioute, Pa.

Your patronage solicited. - FRED, GRETTENBERGER

THE TIONESTA

Racket Store

Can supply your wants in such staple lines as Hand Painted China, Japan ese China, Decorated Glassware, and Plain and Fancy Dishes, Candy, as great pack of Siberian dogs for the well as other lines too numerous to

Time to Think of Paint & Paper.

Before you plan your spring work in painting and papering let us give you our estimates on the complete job. Satisfaction guaranteed.

G. F. RODDA.

Next Door to the Fruit Store, Elm Street, Tionesta, Pa.

SOUTH POLE FOUND AT LAST

Roald Amundson, Norwegian Explorer, Announces Success.

STAYED THERE THREE DAYS

Sir Ernest Shackleton Says Amund sen and Scott Parties May Have Met at the Pole Itself, So the Honor Would Be Divided.

London.-The supreme honor of planting his nation's flag at the most southerly point of the globe has been won by Roald Amundsen of Norway. Definite news has been received in London by way of Christiania that he reached the Pole between the 14th and 17th of December.

The Chronicle publishes this cablegram from Leon Amundsen, brother of the explorer.

"Christiania. - Following telegram received from Hobart; 'Pole attained fourteenth - seventeenth December, 1911; all well.-Roald Amundsen."

Captain Amundsen's brother Leon says Roald will go on a lecture tour of Australia and Europe, after which he will head an expedition to the North Pole. The Fram after making necessary repairs will go to San Francisco where Amundsen will meet her in

Christiania.-- in a special the newspaper Social Demokrater an nounces that it has received a private cable despatch announcing that Capt Roald Amundsen succeeded in his quest for the south pole. Whether he got there before Captain Scott is not stated.

London. - While intense interest has been aroused in the results attained by the South Polar expeditions under command of Captain Roald Amundsen, the Norwegian explorer, and Captain Robert F. Scott, of the British Royal Navy, respectively. which are returning from the Antarctic regions, dispatches which have reached here on the subject are con-

Castain Amundsen has arrived at Hobart, Tasmania, on the steamer Fram, and according to the first word from that port Amundsen declared that Captain Scott had reached the

The first message with the definite statement from Amundsen that Scott had reached the South Pole was re ceived from Wellington, New Zealand, by "The Daily Express."

Sir Ernest Shackleton, who has been predicting news soon from the Antarctic, is not surprised at the report that Scott has reached the goal, He said he was confident that Scott and Amundsen met in the narrow passage through which both were obliged to pass in order to reach the Pole. He thinks if Scott had been successful the news of it would most likely be brought by Amundsen as Scott was obliged to divert his ship's course in returning to civilization in order to pick up a part of his expedition. Sir Ernest Shackleton in a special

article on the discovery, says: "Analyzing somewhat the brief cable announcing Amundsen's attainment of the South Pole, one, from pre vious experience, would assume the journey was done in extreme rapidity and under very favorable conditions as regards weather, assuming that the latitude of Amundsen's winter quarters was 78:44 south; that is, only 676 geographical miles from the pole. This place was named the Bay of Whales on my expedition.

"If Amundsen did fifteen miles a day and reached the pole on December 14 he would have started south about the beginning of November, but it is much more likely he did not travel at that rate, especially for the first hundred or two hundred odd miles, so we may assume he started for the pole about the beginning of October. There is no indication whether Amundsen followed the route of my expedition in reaching the mountains that guard the approach to the pole. It may be possible he found a new route and an easier one up to the pla teau, which lies about 9,000 to 11,000 feet above the sea level.

"Word that the pole was attained December 14 to 17 evidently means on reaching the geographical pole he waited three days, taking the noon obervations so as accurately to deter mine his position.

Shackleton said that if Amundser left the pole December 17 he would very likely, with a fair wind behind him, return to winter quarters in about forty-five days.

Amundsen had with him oon the present expedition a hardy band of Norwegians, who probably were greatly aided by skis in traversing the glacial ice, and he put his faith in a the state food laws, flour cannot be supply sldeges.

ORIENT ROAD RECEIVERSHIP.

Arthur E. Stilwell, Promoter, Blames

the "Money Trust." Kansas City, Mo.-Creditors of the Kansas City, Mexico & Orient Railway filed with the clerk of the Federal Court in Kansas City, Kan., an application for receivers for the read. E. C. Dickinson, of Kansas City, vice-president and general manager of the road, was appointed a receiver, and another receiver is to be chosen, A. E. Stilwell, promoter, blames the

PLANS OF THE STATE ORCHARD WORK HAVE BEEN CHANGED.

Capitol Park Extension Work is Pro gressing Nicely-Little Difficulty Is Experienced in Obtaining Options.

Harrisburg.-More attention will be given to supervision of orchards as a means of practical demonstration of methods for the prevention of the spread of fruit pests this year than heretofore, according to the plans out lined to the orchard experts who are here for instruction under State Zoolo gist H. A. Surface. The demonstration work in the 900 model orchards of the state will last but three weeks this spring, commencing next Monday, after which the demonstrators and inspectors will work in orchards which have been put under the supervision of the state on condition that fruit growers may be privileged to inspect

The reason for this arrangement is that last fall and early winter the demonstrations were carried on almost to Christmas so that practically all demonstrations in the three weeks beginning next Monday will be supplemental for the farmers and orchard owners.

Taking Out Licenses.

Insurance Commissioner Charles Johnson's notice of last week to insurance companies that all agents and solicitors must take out licenses and that brokers must not write life insurance has brought prompt answer censes by the score. The notices were issued last week as a result of an opinion given to Mr. Johnson by the attorney general's department and required every person soliciting insurthe provision of the insurance act of June 1. The licenses have come chiefly from the large cities, although many men in smaller towns are looking after the required papers.

Park Extension Work Progressing.

The Capitol park extension commission is having little difficulty in btaining options on properties in the they will have as many as the allowance for this year will permit. It is back began. possible that if advantageous bargains ask for additional funds which can be given if the governor, aditor gen- King Haakon Plateau. eral and state treasurer agree and there is sufficient money in the treasury above appropriations to justify the allowance.

\$75,450 to Be Redeemed.

Harrisburg.-Less than \$76,000 of the \$1,605,050 of bonds of the state of Pennsylvania called for redemption on February 1 are outstanding and it be presented for payment within a short time. The cancellation of the state debt preceded in February at a rate beyond the expectations of State Treasurer C. F. Wright and steps to obtain the bonds yet unredeemed may be taken soon.

The bonds falling due on February I were of the issue of 1882 amounting to \$1,076,800 of 4 per cent and \$528, 250 of 31/2 per cent, the rest of the issue having been bought in from time to time. During the month just closed the state redeemed \$1,001,900 of the fours and \$527,700 of the others, leaving only about \$500 worth of 31/2 per

cent unpaid. The state has the funds in hand to pay off all of the remainder of the issue and also to more than meet all other evidences of debt on most of which interest ceased long ago. In a short time the sinking fund will be \$100,000 ahead of the debt remaining unpaid.

Must Observe the Law.

Harrisburg.-Dairy and Food Commissioner James Foust has given directions to his agents to secure samples of all cocoanut candy on the market in the state for the purpose of determining by chemical analysis whether cereals are being used in the preparation of the confection in defiance of the law. The commissioner has lately received a number of complaints that cocoanut candles were so stiff that children could not bite into them and that when wet some of them seemed to be partially made of flour paste. Samples analyzed showed that flour was being used. "Under used in making confectionery any more than it can be used in sausage.

State Capitol Notes.

An outbreak of rables has caused considerable stir in Lehigh county. A number of dogs in Macungie have been ordered quarantined.

According to the latest gossip, a regiment of cavalry will be established, although national guard officials say they know nothing of it.

The Capitol park extension commistions on properties in the extension stable." district and more are in sight.

THREE MORE WEEKS AMUNDSENTELLS PRICE OF COAL STORY OF HOW HE FOUND POLE Will-Scenes of a Decade Ago Number Is 10,000 Less Than

TAKING OUT STATE LICENSES Conquering Norwegian Reaches Antarctic Goal in Wide Plateau After Plunge Through Ice.

MOUNTAINS OF ICE **BLOCKED THE WAY**

Glaciers in Plenty-Norwegian Flag Pitched at Pole on Dec. 17-Named Huge Mountains for Queen Maud- Confirms Scott.

New York.-The New York Times publishes Captain Roald Amundsen's account of this discovery of the South Pole. The interest excited by the news of this great feat was sufficient to keep thousands of persons out of bed until copies of "The Times" could be secured.

Captain Amundsen describes the long journey over the great ice barrier and tells how he followed the outline of South Victoria and King Edward Land. A great mountain range which stretches across this region, the general direction of which he followed, he named the Queen Maud Range. The hardy explorer does not devote many words to his descriptions of his feelings upon arriving at the Pole, but there is just sufficient vagueness with regard to details to suggest that he shared the great discovery with others. He says that he left his winter quarters on the Bay of Whales, on October 20.

After crossing the great ice barrier and following the mountain ranges he in the shape of applications for li- arrived December 8 at Shackleton's Farthest South. Following the due southern direction, he came to a great plateau in six days' march. This plateau, which he reached on December 14, was a vast plain, monotonous in ance to take out a license, this being its appearance, stretching for miles in every direction.

Observations showed that the party was in latitude 89 degrees 55 minutes South. On December 15 the party travelled nine kilometres in as near as possible a direct southerly line. Observations taken at the point then reached on December 15 and the following day fixed this as the approximate position of the Pole. A hut was rected here and the Norwegian flag park district and within a short time hoisted. It remained as the only evidence of the discovery when the trip

The Pole was in the midst of the can be made that the commission may great plateau, which Amundsen, in honor of the King of Norway, named

The following is that part Amundsen's narrative, copyrighted by the New York Times, which tells of his actual attainment of the South Pole:

The Pole Attained.

"That day was a beautiful one-a light breeze from southeast, the temperature minus 23 Celsius, (9.4 degrees below zero Fahrenheit,) and the ground and sledging were perfect. The is probable that the remainder will day went along as usual, and at 3 P. M., we made a halt. "According to our reckoning we had

> reached our destination. All of us gathered around the colors-a beautiful silk flag-all hands taking hold of it and planting it. "The vast plateau on which the pole

is standing got the name of the 'King Haakon VII. Plateau.' It is a vast plain, alike in all directions; mile after mile during the night we circled around the camp. "In order to observe the pole as

close as possible, we traveled as near South as possible, the remaining 9 kilometres. "On December 16 there we camped.

It was an excellent opportunity. There was a brilliant sun. Four of us took observations every hour of the day's twenty-four hours. The exact result will be the matter of a professional private report.

"This much is certain-that we observed the pole as close as it is in human power to do it with the instruments we had-a sextant and an artificial horizon.

"On December 17 everything was in order on the spot. We fastened to the ground a little tent we had brought along, a Norwegian flag, and the Fram pendant on the top of it."

Captain Amundsen sums up the principal results of the expedition as, first, the determining of the extent of the Ross' Barrier; second, ascertaining the apparent connection of South Victoria Land and King Edward Land and the huge mountain ranges therein which probably continue across the Continent. He named them Queen Maud's ranges; third, the exploration of part of King Edward Land; fourth, confirmation of the discoveries of Cap-

"RECALL IS REVOLUTIONARY."

President Taft Denounces Attack on Courts as Crude.

Toledo, Ohio.-President Taft made a direct reply in a spech at a mass meeting in the Coliseum here to the recall of judges and of court decisions advocated by Colonel Roosevelt in his Columbus speech. Although Mr. Taft mentioned no names, his references were plain. The President characterized the recall propositions sion has secured almost a dozen op as "crude revolutionary, fitful and un-

BOOKED TO RISE

Be Re-enacted?

Mills Store Large Quantities of Coal

in Anticipation of Labor Troubles. English and German Situation Cause to Foreign Demand. Pittsburgh, Pa.-Prices of coal, both

bard and soft, are expected to reach an unprecedented figure within the next tew weeks. Uncertainty exists as to whether there will be trouble with the miners April 1, when existing wage contracts expire. This has ied raincads and mills throughout the country to store large quantities of bituminous and anthracite coal, Last wank s run of mine coal sold at \$1.50 a ton in Pittsburgh, a jump of to cen's. Furnace coke at the ovens took a leap from \$1.75 and \$1.80 a ton

to \$2. The demand for coal at present is said to far exceed the supply. In add tion to the Exceptened strike of minetc, the northwest has experienced a ccal famine, due to a paralysis of transportation facilities resulting from trozen lakes and snowbound tratas Dealers say the labor troub e in England and possible trouble in Germany have also increased the demand

which had the effect of raising prices. With n the next two weeks dea era will know whether the operators and miners can reach an amicable settle ment of wage scales. This week in New York, representatives of 180,000 anthracice miners will meet operators The workers are asking an increase in pay of 20 per cent. It is understood the miners would be willing to accept

reduction from this figure. Lepresentatives of bituminous operators and miners in Western Penn sylvania, Chio, Illionis and Indiana will meet in the Hollenden hotel, leveland, O., March 29. The miners want a flat rate increase of 10 per ent. If any agreement can be reach ed at this conference it is thought here will be no danger at labor conficts in other states when wage con

tracts expire. Following the conference between diuminous operators and workers, tesident John P. White of the intersational union, United Mine Workers, vid call a meeting of representative of a I scale committees of the different d stricts. This will be held in Cleveland on March 25.

Each bituminous district has a scale authorized at the recent international convention in Indianapolis, Ind., to ne gotiate a wage scale subject to the approval of the workers themselves. Should the operators and the work ers at the first conference arrive at an agreement as to wages, the matter will then be submitted to the scale comm tree representatives. If it re veives their "O. K.", the scale will next be p aced before the miners at a general meeting for their ratification In case no agreement is reached, the miners will outline a policy to govern the United Mine Workers and decide

whether or not they will resume work tion and steel industries in the Pittsburgh district have haid in big supplies of coke. Most of the mills own their own coal mines, and the op era ion of the plants would not be all fected if the men were to walk out Such a condition might, however, make it more profitable for the indua tries to se'l the coal on the open mar

Should no agreement be reached, it is probable the railroads which need vast quantities of coal would seize a fuel on the tracks, as they did ter years ago.

Shou'd the anthracite miners quit and the b'tuminous miners continu work, dealers expect a heavily increased demand for soft coal. During the last anthracite trouble, many consum ers became accustomed to using the soft variety, and from that time there was a permanent increase in the de mand for bituminous.

Will Make Work for More Men. St. Cairsville, O.-Work will be commenced next month on the open ing of a new mine at Fairpoint, Belment county, to employ about 60 The Provident Coal Company men. of Cleveland purchased several hundred acres of coal lying along the

Cleve'and, Lorain & Wheeling divi

sion of the Baltimore & Ohio rai road

and will spend about \$300 000 in equip ping and opening the mine. Date Set Long Way Off. Tarentum, Pa.-Evangelist "Billy Sunday wi'l conduct meetings her during September or November, 1913 is the announcement made by the Alle gheny Va ley church workers. A de egation conferred with Sunday at

Wheeling, W. Va., where he is con-

ducting meetings and he promised to

come to Tarentum.

Followed Wife After Sixteen Years. Washington, Pa .- Just 16 years to the day since the death of his wife, John Newman, aged 82, died here on Friday night. He spent most of his life on a farm. Five children survive

Threatened Suits Over 83 Cents. Franklin, Pa,-A difference of ents each between eight men who served as special policemen on Hal-loween and the city of Franklin is like v to involve the city in eight lawsuits The men went to work with the understanding that they would receive \$5 each for their services, but Common Council is willing to pay them only \$2.17 each, that being the amount a regular officer receives daily, eight specials have left their accounts with a justice of the peace to collect with instructions to commence suit if the bils are not paid.

FEWER MINORS NOW EMPLOYED

Six Years Ago.

UNCERTAINTY IN SITUATION THE VIOLATIONS ARE FEW

Owners and Managers Show Desire to Obey Law-Prosecutions in Western Pennsylvania Have Not Been Very Nnumerous.

Harrisburg, Pa .- "There are fewer minors by 10,000 employed in the inestablishments of Pennsyl vania than there were half a dozen years ago and the decrease is marked in the great industrial centers of Pittsburgh and Philadelphia," said Captain John C. Delaney, the state's chief factory inspector, in speaking about conditions. Conditions have changed materially

and I have found that owners and managers of establishments prefer not to have minors employed because of the risk and notoriety they run in case of prosecution. It has been a matter of satisfaction to find that men will not only rectify a condition when brought to their attention, but ask our inspectors if there is any-In Pittsburgh we have found the heads of plants willing to help us at all times and the violations are few and far between.

Captain Delaney says that the prosecutions in Western Pennsylvania have not been numerous and practical ly the only ones of recent date were in Beaver county where some arrests had to be made to get bakers to understand the laws.

Considerable importance is attached to the hearing to be given March 13 at the Attorney General's office in the case against the Greenville Water Company, a Mercer county concern, which is accused of having violated the stream purification act by Dr. Samuel G. Dixon, the state health commissioner. Dr. Dixon declares that the company's source of supply is liable to cause an outbreak of disease as it is unsafe for use and that the company in securing its additional supply ignored the requirements of the act of 1905 which gives the state jurisdiction over all public water supplies and which has operated so suc cessfully in a number of places. The company is liable to have its fran chises revoked if the attorney general

PITT'S POWER COULD RUN NAVY.

Immensity of Industries Pictured as Gigantic Engine and Fly Wheel. a driving rod as thick as a church steeple, and a flywheel as high as the Henry W. Oliver building would be required to generate power that would be required to generate power that is used in operating the different plant. and industries in the Pittsburgh dis This exemplification of the magnitude of Pittsburgh's industries has been made from the figures com piled by Director E. Dana Durand of

the United States Census Bureau. It is estimated that the power used by Pittsburgh's industries could drive every battleship and armored cruises of the United States navy at top speed, and there would be enough power left to draw 10 express trains

from the Atlantic to the Pacific, The census bureau, at the sugges tion of the Industrial Development Commission, compiled a list of all mills and plants which belong to the Pittsburgh metropolitan district. The industries thus listed represent an in vestment of \$642,527,046. The value of the annual product for 1910 was \$578,815,493, and the total yearly payroll was \$115,049,924.

CLEARFIELD JURY'S RECORD

Awards Damages of \$338,728.20 Against P. R. R.

Clearfield, Pa.-Again has a Clear field county jury broken all records for awarding damages to an aggrieved coal operator in a discrimin 'ion case against a common carrier. The jury in the case of the Beulah Coal Company against the Pennsylvania Coal Company brought in a verdict for the plaintiff for \$338,728.20, or three fold | and the competition for their services the amount it found the company had suffered by reason of the alleged dis-

crimination The claim covered several years from 1902, during which period the plaintiff alleged the defendant company refused to furnish cars and otherwise discriminated in favor of certain shippers to the injury of the plaintiff. A new trial will be asked

for by the railroad. New Equal Francise League.

Washington, Pa .- At a meeting in the assembly room of the court house here the Washington County Equal Franchise League was formed with about 50 members, men and women. President, Mrs. Louis Lyle: vice president, Mrs. Minnie Borchers, Mrs. Edwin Linton, Mlss. C. C. Thompson, the Rev. Pressly Thompson and Mrs. Henry Head; secretary, Miss Margaret Alexander, and treasurer, R. S. Mariner,

E. H. Harriman Left \$100,000,000 Newburgh, N. Y.—The final apprais-al of the estate of the late Edward H. Harriman of Arden, to determine the amount of the state transfer tax, will be filed at Goshen on March 13: Present indications are that the value of The estate is the largest ever probabted in New York.

President Tait now has 106 delegates pledged to yote for his renomt-

RATES OF ADVERTISING:

One Square, one inch, one week ... \$ 1 00 One Square, one inch, one month.. 3 00 One Square, one inch, 3 months..... 5 00 One Square, one inch, one year 10 00 Two Squares, one year...... 15 00 Quarter Column, one year 80 00 Half Column, one year 50 00

One Column, one year 100 00 Legal advertisements ten cents per line each insertion.

We do fine Job Printing of every description at reasonable rates, but it's cash on delivery.

EFFECTS OF INTENSE LIGHT.

Rotinal Fatigue Depends on the Amount Received.

It is not so much the intensity of the light focused on the retina as it is the quantity received by that sensitive organ that causes retinal fatigue or worse. In the great snow fields of the artic regions the natives protect their eyes from the glare of the snow by goggles made of hollowed pieces of wood in which they have made small holes to look through. This, says the "Optical Review," reduces the quantity of the light which passes into their eyes with consequent relief

from the glare. So, too, if we look through a minate pinhole disc at the sun we can endure the very bright light much longer than when we look with the naked eyes. If we look at a distant electric are light there is no retinal fatigue, while if we look at the same light rom a short distance there is great iscomfort, and yet the two retinal mages are of equal brilliancy, only n the first case this image is very much smaller than in the second case; that is the quantity of light is very much different.

Then there is the flaming electric ight which is now to be found in all f the large cities of the country. This light is much less brilliant than hat of the arc light, and yet its size s so great that this more than makes up the difference, and it is therefore very glaring and uncomfortable to ook at. In skiascopy it is possible to use a very intense light if it is made small in area, and for the reasons

Developing A Character.

The late Frances E. Willard said: There are so many kinds of beauty after which one may strive that we are bewildered by the bare attempt to remember them. There is beauty of manner, of utterance, of achievement, of regutation, of character; any one of these outwelghs beauty of person, even in the scales of society,

to say nothing of celestial values. "Cultivate most of the kind that lasts the longest. The beautiful face with nothing back of it lacks the staying qualities that are necessary to those who would be winners in the race of life. It is not the first milepost but the last that tells the story; not the outward-bound steed but the one in the home stretch that we hall as victor.

Enemies of Matrimony.

Wedlock seems to be in bad way in the mountains of the Dauphine, The confirmed bachelors of the country decided to meet every month and toust celibacy. Invitations are sent out with the information, "Good Pittsburgh, Pa.—A gigantic steam | feeding, good drinking, much laughter, engine of 791,047-horse power with a much dancing." An added insult to estinger half as long as a city block, matrimony is that the invitations were sent to all spinsters who have "put on St. Katherine's cap"; that s to say who are over 25 and are therefore presumed to be on the high road to old maidenhood. The confirmed bachelors announced their intention of eating, drinking, laughing and dancing with the old maids every north But their very hardihood may be their undoing.-London Telegraph,

Why a Horse Rolls.

Horses are fond of rolling on the round and no animal more thoroughv shakes itself than they do. After roll they give themselves a shake or two to remove anything adhering to the coat. The habit is of much service to horses living in open plains. On being turned loose at the end of a Journey an Arab horse rolls in the sand which acts as blotting paper, absorbing exudations from the body. A shake removes the sand, and the coat soon dries. Cavalrymen in hot climates sometimes put sand on their horses as the simplest and quickest way to dry them.-Selborne Magazine

Barmaids in South Australia.

South Australia is suffering from a barmaid famine. Two years ago barmaids were abolished in that State by not of Parliament. No more could be legally engaged, but those already employed could remain on condition that they registered themselves. There are now only 400 of them left, was that their wages jumped from 25 shillings to £3 a week. The hotels that have had to employ barmen report a considerable change for the worse in their receipts.-London Chronicle.

Opium Smuggled in Barrel Staves. Through some clever work on the

part of the customs secret services men 199 cans of opium hidden in the staves of barrels containing lamp blacking were seized and the would be importer and his assistants were arrested. As the staves of the barrels were rather thick just in the centre instead of being hollowed, the smugglers had carved out a small sort of pocket large enough to contain a parrow can of opium in each stave, When the staves were set together it was impossible to see these openings. -Manilia Times.

A War on Wild Pigeons. A great slaughter of wild pigeons

ook place all over the Isle of Wight

and it was estimated that gofte a thousand guns were enrolled for the campaign, among them being landowners, occupiers and shooting tenof \$100,000,000. Of that sum one per anta who were publicly invited to take cent will be turned into the state part. The guns were stationed in part. The guns were stationed in woods and coppices over a wide area. Some big bags were obtained. The farmers have suffered terribly owing to the depredation caused by the wild pigeons. London Evening Standard.