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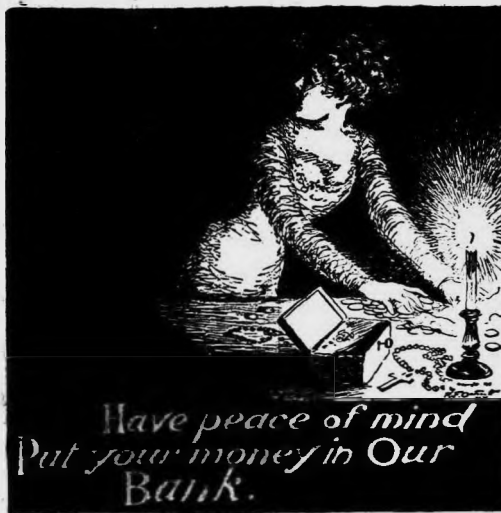
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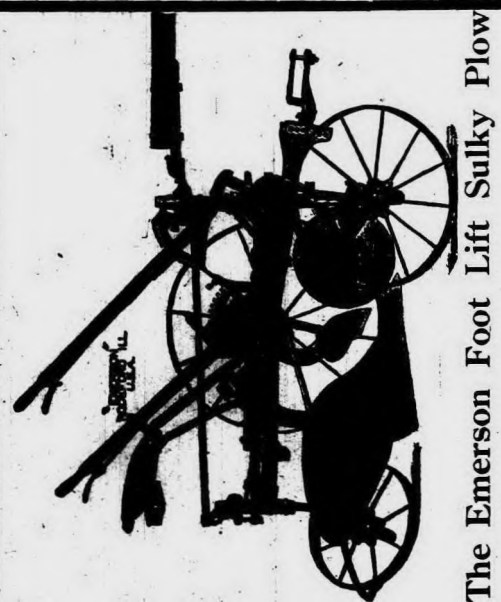
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Many Going to Circus Class of 1913 Numbers 32

Barnum and Bailey Attracting Thousands With Many New Novelty Features.

The Barnum and Bailey Greatest Show on Earth is attracting unusual interest this season with its wonderful program of European novelties, its rebuilt parade, its complete menagerie, and its recently added \$500,000 wordless spectacle of "Cleopatra" all of which will be seen in Detroit two days on June 9 and 10.

The parade, which takes place at 10 o'clock in the morning, is three miles in length. In the menagerie will be found the only baby giraffe on exhibition anywhere on earth. The inaugural spectacle of "Cleopatra" is produced on the biggest stage ever devoted to an open air amusement. It is erected in the main tent of the show. There is a cast of 1,250 characters, a grand opera chorus of 400 voices, an orchestra of 100 musicians, a ballet of 350 dancing girls, 850 horses, five herds of elephants, caravans of camels, and a trainload of special scenery, costumes and stage effects. This is the greatest spectacular, theatrical, and circus event in the history of amusements of America.

Among the many European novelties on the regular program which follows the spectacle, are Miss Bird Millman, the wonderful high wire artist, and novelty feats by a company of Japanese warriors and jiu jitsu experts, Winston's riding and juggling seals, the Herr Kovrig's troupe of statur-building, dancing and jumping horses, a brace band of stallions, Berzac's mule and monkey circus, the Siegrist-Silbon family of high air vaulters and somersaulters, Mae Wirth, the greatest bareback and somersault rider in the world; The Five Baltons, world's greatest strong men and women; Victoria and George's, strong arm dancers. LesJardy and LesDeko families of acrobats, five herds of trained elephants, and the fifty funniest clowns in the world.

The Barnum and Bailey circus for more than fifty years has stood at the head of the world's amusement affairs. This year it is more interesting than ever before, and twice as big. It travels on a train more than a mile in length, covers fourteen acres of ground, and has nearly 1,500 employees, 700 horses, nearly two-thirds of the elephants in America, 110 cages in the menagerie, and over 2,000 wagons and other vehicles. The two performances that will be given in Detroit two days will be exactly the same as those presented at Madison Square Garden, New York, where the season was opened in March. Not one detail has been changed. The great spectacle was said to be the most notable dramatic event in the history of amusements in that city, while the circus proper was credited with being the best ever given there.

Base Ball Game Saturday

Efforts are being made to organize a base ball team in Plymouth, and it is believed that a very good team can be gotten together if a little effort is put forth. The grounds at Athletic Park will be put in proper condition, the fences which were blown down replaced, and everything got in readiness for the opening game which will be with Salem Saturday, June 7th. Game will be called at 2:00. Orville Tousey will pitch for Plymouth. The admission will be 10c. for ladies and 15c. for gentlemen. Come out to this game and encourage the boys to the extent that we may have a game here every week during the rest of the season.

A Delightful Dinner Party.

Mrs. Ella Safford gave a delightful dinner party last week Friday noon for about sixteen relatives and friends in honor of Mrs. Fanny Coleman's eightieth birthday. After a delicious three course dinner the guest of honor was presented with a handsome leather hand bag, the gift of those present. Other gifts from absent friends were also received and opened. The afternoon was pleasantly enjoyed in a social way. Mrs. Coleman has been visiting relatives here for the past few weeks and is well and favorably known, as she was a resident of Plymouth for many years, but of recent years she has resided with her daughter, Mrs. Leonard Hatch, of Vine-land, New Jersey. Guests were presented from Plymouth, De troit and Eloise.

Eddy Post No. 231, G. A. R. wishes to thank Rev. Dutton for his address and Prof. Isbell, teachers and scholars of the school, who so kindly assisted us in our Memorial services, May 30th.

O. P. Showers
Henry Robinson
Alford Brown
Committee

Each age of our lives has its joys. Old people should be happy, and, they will be if Chamberlain's Tablets are taken to strengthen the digestion and keep the bowels regular. These tablets are mild and gentle in their action and especially suitable for people of middle age and older. For sale by all dealers.—Adv.

Largest Graduating Class in History of the High School

Commencement Events Begin With Baccalaureate Sermon Sunday, June 15.

The graduating class of the Plymouth High school for the year 1913 will number thirty-two which is the largest class that has ever graduated from our public schools.

Commencement week doings will begin with the Baccalaureate sermon at the opera house on Sunday evening, June 15th. Rev. Joseph Dutton will preach the sermon.

Class day exercises will be held in the opera house on Wednesday evening, June 18th.

Commencement exercises will be held in the opera house on Thursday evening, June 19th. Rev. Ames Maywood, pastor of the First M. E. church at Jackson will give the address.

The Alumni reunion will be held at the High school on the evening of Friday, June 20th.

The graduating class is composed of the following members:

Henry E. Baker, S. Leslie Hudd, Floyd G. Eckles, Daryl Downs, Clarence W. Wright, Alton J. Richwine, Will Ewing Sly.

Lelia M. Chilson, Maurine A. Jones, Ruth E. Huston, Helen L. Durfee, Czarina Penney, Helen J. VanDeCar, Bessie L. Farley, Mayme E. Chambers, Helen Elizabeth Passage, Hazel Schoch, Julia D. Gottschalk, Gladys M. Hyder, Loneita M. Schafer, Edna E. Fisher, Sadie L. Paulger, Imogene Smith, Olive Jane Brown, Velda J. Bogert, Marjorie R. Pierce, Anna E. Lyndon, Maria L. Palmer, Marilla Farrand, Anna L. Shearer, Avis B. Chilson, Rose Marian Hillmer.

"The Plythean," a book that is being gotten out by the Senior class is now in the hands of the printer and will soon be ready for distribution. It will contain about forty pages of interesting matter including half-tone pictures of the class, faculty, Junior, Freshman and Sophomore classes, foot ball and track teams, stories and editorials by the pupils, class history, athletic notes, etc. The price of the book will be 50c. Tickets are now being sold that are exchangeable for these books after June 18th at J. W. Blickenstaff's drug store or at C. G. Diaper's. These tickets can be purchased of any member of the class.

Village Council Meet

The village council held a lengthy session last Monday night there being considerable important business to transact. Several representatives of fire hose companies were present and 400 feet of fire hose was purchased by the council for the fire department. A petition asking for a drain on Mill street was read and referred to the street committee for further consideration, as was also a petition asking for the construction of a sidewalk on the west side of Kellogg street from Maple Ave. to Wing street. Dr. Peck was appointed health officer for the ensuing year. The village assessors report was read and showed the assessed valuation of the village to be \$1,028,620. The valuation in 1912 was \$1,013,370. The increased valuation for the present year is therefore \$15,250 over that of the year 1912. After considerable discussion it was decided by the council to make the tax levy ten mills, the same as last year.

Selected a Fine Course

At a recent meeting of the Citizen's Entertainment Committee the following excellent course of lectures and entertainments were selected for the season of 1913-14. The exact dates will be announced later:

October—The Weatherwax Brothers Quartet
November—J. Adam Bede, lecturer
December—The Four Artists, musical company
January—Dr. E. W. Huelster
February—The Barnard Orchestra

Be sure and get to the Baptist church early and secure a comfortable seat before the house is crowded. Lecture will begin at 8 o'clock sharp. Admission free. Date, Tuesday evening, June 10, for adults and children accompanied by a grownup.

A Good Factory Proposition

There is every indication that Plymouth has a chance to land an old established and prosperous manufacturing plant if the right kind of an effort is put forth on the part of our citizens and business men. This plant is now located in another state and the products of the plant are sold almost exclusively in Detroit, and they are very desirous of locating nearer that city to better care for their patrons. The plant is now employing better than seventy-five men, and are unable with their present factory to meet the demands for their goods. Wherever they locate it is their intention to double the capacity of the plant at the start and this means about two hundred men employed. This proposition is not an experiment, but an institution that has grown from a small beginning until it has outgrown its present capacity. We are unable to give further details at this time as they have made no definite proposition for the removal of their plant here or anywhere else as yet. One of the officers of the company was in town Tuesday, met some of our business men and was shown several factory sites and was greatly pleased with the outlook here. Those who have looked into the proposition are satisfied that this is the best factory proposition that Plymouth has ever had a chance to get, and it is an opportunity that we cannot afford to let pass without every effort being put forth to land this factory that would mean so much to our village. The Mail hopes to be able to give our readers something more definite in the very near future.

Children's Day Program at M. E. Church Sunday

The following program will be given at the M. E. church Children's Day, Sunday, June 8:

Song by Sunday School
Prayer by Rev. Dutton
Solo—Mrs. R. E. Cooper
Baptism Service
Welcome—Mildred Belmont
The Boy That Laughs—Russell Burden
Song—Sleep, Little Sleep, (study) Heart
Have Only Good Words—Stanley McNeil
Hills Reward—Kathleen Bartlett
Solo—Praise of Little Children, Marian Smith

Natures Anthem—May White
Summer Dresses—Eva Griffin
Class Song—The Daisies
Yankee Boy—Russell Holloway
Primary Exercises
The Difference—Marguerite Dutton
Not Sell But Others—Harry Gehardt
Duet—Edna Hartung and Edna Richards
Solo—'Tis Glad Summer, Nellie Huger
Offering—Remarks by the Pastor
Song by School Bandchildren

Young Boy Drowned.

Juhr, the two-year old son of Mr. and Mrs. Albert E. Field who live in the tenant house on the James Hanford farm southwest of Plymouth, was drowned last Wednesday forenoon. The little fellow had wandered away from the house to a creek which flows a short distance away and it is presumed that he fell from a bridge which spans the stream, into about four feet of water as his body was found under the bridge by his father, who started a search for his son as soon as he was missed. Dr. Patterson of the village and Dr. Britton of Ypsilanti, were called and made every effort to resuscitate life in the little body but to no avail. The remains were taken to Detroit yesterday where the funeral will be held.

Local Items

Miss Vera Hengstler of Ann Arbor, visited her mother, Mrs. Carl Heide, the latter part of the week.

Messrs. Edward Gayde, Albert Eckles and Edward Tighe went to Flint last Tuesday with the Detroit Knight Templars.

Mr. and Mrs. O. Stebbens, Sr. and Mr. and Mrs. O. Stebbens, Jr. of Detroit, were guests at James Todd's last Sunday.

Stilas Sly has sold his farm to Montgomery & Ward of Chicago, and Mr. Ward's brother and family of Detroit, have moved onto the same.

About twenty-five ladies were present at the thimble party given by the Ladies Aid of the Lutheran church at Mrs. Fred Whitmore's home last Wednesday afternoon.

Marshal Springer wishes the Mail to call the attention of boys and others who ride bicycles on the sidewalks that there is an ordinance against it and offenders are liable to a \$5.00 fine. He also gives warning to automobile drivers and riders of motorcycles to keep within the speed limit.

A sprained ankle may as a rule be cured in from three to four days by applying Chamberlain's Liniment and observing the directions with each bottle. For sale by all dealers.—Adv.

SPECIAL FOR SATURDAY

JUST LISTEN TO THIS

Every person buying a box of VAL DONA TALCUM POWDER at 25c will be given a

15c. Toilet Chamois Skin Free Saturday, June 7, Only

This Talcum Powder is excelled by none and each Chamois is soft, odorless and of exceptional quality, being enclosed in a case making it perfectly sanitary. Remember this Special offer is for Saturday only.

Val Dona Candy as usual, 29c. a Box on Saturday

Would call your attention to the fact that we have discontinued giving the 20 per cent. discount on Drugs, Saturday evenings.

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THE VAL DONA STORE

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is our pride. We have the confidence of the physicians and the public. This is increasing our trade every month. Why? Because it is the important part of our business, and at all times receives our most careful attention. We fill so many prescriptions that our stock is always fresh and pure. We make the drug business our special vocation, having done so for a number of years with success. Our charges are always right and based on value of ingredients and time and skill required in compounding. They are never "guessed at," all are treated alike. The physicians trust us, you may safely do so.

Our 25 Per Cent. Discount Sale on Saturdays has been Discontinued.

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and bringing it to the store you can get a \$1.00 Ticket with your first 50c purchase

Plymouth Cash Store TODD BROTHERS

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The Physics of Baseball

By Hugh S. Fullerton

(Copyright, 1913, by W. G. Chapman)

The first law of physics is that all that goes up must come down; always excepting the cost of living. The first law of baseball is not to let it come down.

The difference between the physics of the classroom and of the diamond is that the student learns the laws governing inertia, velocity, dynamics, the curvilinear trajectory of projectiles, resisting power of air, attractive power of masses, and the ball-player, by experiment deals only with the frank variants of these laws. Many times the student who makes his college team is apt to think that the prof. was stringing him when he laid down the laws of motion, mass and velocity. For a baseball under skilled manipulation and control seems, like a trust, to come as near violating all the laws as possible. The ball always is striving to do exactly what the laws of physics say it should do, with half a dozen other forces striving to compel it to do something else, and with the bad boys in uniform trying to invent new methods of making it violate the law.

If the supreme court should find the law of gravitation unconstitutional, or if the ball player could breathe in an absolute vacuum, baseball would be a simple proposition. The ball would keep on going in a straight line until some one stopped it. Line hits would continue to travel in a straight line until some fielder, standing on the needle point of infinity, jumped and pulled it down with one hand.

There is a professor of physics in a great eastern university who writes inquiring as to the physics of the spit ball, and who later lectured to his classes upon the subject. I asked several great pitchers to demonstrate for the benefit of the professor how they held the ball, swung their arms, released it with their fingers, and how much power they applied and to what point on the surface of the sphere. Among them was Clark Griffith, a master in theory, who used to be past-master in practice. I asked him to take the professor to the grounds and show him things. The result was a note from Griffith, in which he said:

"Don't send any more bugs to see me." The point is that the players do not care what scientific phenomena they develop so long as the opposing batsmen take their liberties (i. e., swings) at the ball and miss. The college professor does not care much whether Walsh strikes Collins out three times with runners on bases so long as he can demonstrate that the laws governing rotation, air pressure, friction, retard and accelerated motion, etc., etc., are proved by the actions of the ball. So physics and baseball as studies have kept aloof from each other.

Yet every move in a ball game affords a problem. There are basic conditions which, in themselves, are worthy of study. Consider atmospheric pressure. Did you know that a man



Clark G. M.H.

who can throw a baseball 350 feet on the Polo grounds, New York, on a dead calm day, can throw the same ball almost 400 feet on the Denver ball park!

In studying the physics of baseball let us commence with the chief implements of the game—the bat and ball. The ball is composed of a small core with a heavy layer of highly treated Para rubber, then wound with two kinds of woolen yarn, over which is a glue substance, upon which is a horsehide cover. The ball is semi-pneumatic, both the rubber and the glue upon which the cover is pasted tending to hold air. The difference even of a sixteenth of an inch in the thickness of the rubber makes the ball so fast that it scarcely can be handled. The makers experimented for years to get the ball to pop to the proper pitch of altitude, and appear daily to have

accomplished the aim of making a ball not too "dead" and not too lively. The shock of the bat against the ball disperses the air gradually and at the same time causes a molecular change in the rubber so that a ball, after being battered hard, loses much of its resilient power. The disarranging of the molecular forces causes a ball which, to an outsider may seem as firm and solid as ever, to become a "mush," dead and lifeless, and likely to slow the entire game if permitted to remain in play. The bats used are almost all of second growth ash of the finest and straightest grain, and carefully dried. They are supposed to retain their resilient qualities indefinitely, but after a month or two of hard usage the bat no longer possesses the "drive" necessary for hard hitting. Yet bats that have lost "life" often will, when kept in storage a few months, recover their lost "ring" and be as good as ever, although the second time they "die" more quickly. This sense of feeling and hearing among players is a wonderful thing.

The object of each batter is to "hit it on the trade mark" with that part of his bat between four and six inches from the end. He does not express it that way, but he aims to hit the center of mass of the ball with the center of percussion of the bat—so he says, "square on the nose." The center of percussion of the bat varies according to the grip of the batter's hands, and it is the object of the pitcher to force the ball to revolve so as to avoid meeting the center of percussion.

A ball weighing five and eight ounces and with a circumference of nine inches, pitched at an approximate velocity of 250 feet a second over a distance of 60 feet, is struck squarely upon the center of percussion of a bat weighing 10 ounces and swinging at a velocity of 1200 feet per second, will travel how far? Perhaps the professor of physics can figure it out, but if he does, he is wrong. He would have to know more than these statistics before he could make the correct calculation. He should know the forearm strength of the batter, the muscle leverage, the meeting angle of ball and bat, the rotary motion of the ball, the condition of the atmosphere, direction of wind and a few other things. It is much easier to have Vean Gregg shoot up a fast one, let Larry Lajoie hit it, and measure the distance, than to take a post-graduate course and calculate it.

Every ball that is pitched, or thrown, or batted has some rotary or oscillatory movement all its own for reasons to complicate attempts to solve problems in baseball physics. The ball has a wonderful ability to absorb and retain motion no matter how imparted. The spit ball, which was so fully and exhaustively treated in the lectures of my friend the professor that I expect to see about 120 Walshes graduate from his school in the next two years, is the result of skillful applying of an unnatural force to counteract the natural rotation of the ball. The professor disputes this, possibly he does not know that a ball, gripped with the thumb and two fingers, and thrown directly overhand, has a natural tendency to rotate upward and "hop" as the pitcher says. All good fast balls rotating this way take a sudden jump in the air. The spit ball pitcher wets the surface of the ball, grips the lower side tightly with his thumb, lets the ball slide off the fingers. The effect is that two conflicting forces cause the ball to "wobble" for a distance, and then, yielding to the influence of the thumb pressure and the attraction of gravity, it darts downward. When a ball thus pitched is hit it still refuses to surrender its inclination to rotate. It starts toward the infield with two forces still struggling for mastery. Each time the ball touches the earth it takes a different English. The infielder scoops the ball and throws, if he catches the ball hard enough to kill all motion, all is well. If he scoops it lightly and throws with the same motion the ball takes fresh and renewed English as it leaves his hand and is likely to shoot out of reach of the batsman toward whom he throws.

The pitched ball, manipulated so as to revolve unnaturally, takes "English" in the air just as a billiard ball does against cloth and cushion. Many persons have told me that the atmosphere on a still day offers practically a uniform resistance to a projectile. It does not. We know now that the air is filled with eddies, currents and pockets even on the calmest of days, but admitting that it is uniform in density, a ball does not follow the physical law of constant decrease in speed in ratio to the resistance of the air. It even is capable of accelerated motion, and of both in the same 60 feet. That is a ball may be made to slow up and then resume a faster rate of speed. The professor of physics doubts this, yet it is a fact that any experienced ball player will vouch for. They have seen a ball seem to hesitate, and then proceed at an accelerated gait. It may sound impossible, but at some spot in the path of every spit ball, slow ball or knuckle ball, it suddenly changes pace.

We experimented once with a pneumatic gun the rifling in the barrel of which gave it heavy rotation in any desired direction. It was merely an exaggeration of the curve. We shot balls under 30 pounds of pressure, making them curve sometimes a hundred feet. Putting the up curve motion on the ball (which always tends to curve in the direction of its rotation), we aimed the gun at a target exactly on a straight line, and the ball, going straight for perhaps a hundred feet, suddenly seemed to slacken speed, then it leaped upward and rose at a terrific rate until it passed over the cross bar of the flagpole in the center field, 70 feet above the ground. Yet the ball was not disobeying the laws of physics, rather proving them. In its terrific speed it had encountered an air billow which it could not penetrate, and it had bounced off this denser bunch of air and rolled upward.

One would think that if a baseball is hit into the air it will follow a ballistic curve in ratio to the angle of ascension reduced by the amount of air pressure. Physics says it should. It will not, and no man can draw the ballistic curve that any fly ball will follow. The greatest range of any projectile in theory is gained by an angle of 45 degrees. Military authorities know that owing to air resistance, the greatest distance is attained at an angle just under 40 degrees. Having both the theory and the practice, therefore, ball players to make home runs should hit the ball at an angle of 40 degrees minus. One of



John Kling.

Frank Baker's world's series home runs was near that angle, the other scarcely 30 degrees, it went farther. As a matter of fact, even if a ball-player could hit a ball at any desired angle, he could not be certain where it would go. It would depend too much upon the rotary motion of the ball. Last summer I saw a hard line hit driven straight at Charlie Herzog of the Giants. He put up his hands to catch the ball, then suddenly threw his head aside just in time to avoid being hit in the face, the ball missing his hands by two feet. The ball had "shot" suddenly from its true path. In a game between Washington and Chicago late last fall, Walter Johnson hit a ball at an angle of close to 40 degrees, and with terrific force. I should estimate that it was nearly 90 feet high at its greatest elevation. Had it followed the true ballistic curve, it would have passed over the center field fence. The ball suddenly stopped, started to drop straight downward then caught in another current of air, and Bodie, who was leaning after the ball, overtook it coming toward him, as if the batter had hit it from center field. Under conditions such as these a study of aerodynamics would help players more than physics would.

The outfielder who "gets the jump" on the ball at the crack of the bat figures its trajectory at a glance, springs desperately outward and turns exactly upon the spot where the ball will alight, then catches it, has all the calculations over devised beaten. Physics assumes that balls thrown with equal force, following the same angle of projection over the same range, will be alike. I never doubted it until I practiced at second base with Malachi Klittridge and the lamented Tim Donohue throwing the ball down to me. Donohue threw faster, and seemed harder, yet the ball came into the hands as lightly as if tossed. Klittridge's throw ball came more slowly, but it jarred and bruised the hands. This peculiarity of throwers is understood well by players, and one of the first inquiries concerning a new player is whether he throws a light or a heavy ball, and not its weight. A ball revolving naturally, and thrown over the finger tips, as a fast ball is thrown, has a tendency to lift is light. One that loses its rotary motion and oscillates rather than rotates, is "dead" and heavy. Every player throws a different kind of ball, the variations depending upon the size of the hands, the length of the fingers and the manner of holding the ball.

The man who knew enough about physics, and also about baseball, could fill a book on the physics of pitching. It is simple, while seeming complex. It was not so very long ago that Tynge, the Harvard pitcher, developed a curve ball that started a protracted argument which finally resulted in a group of learned professors gathering to decide whether a ball actually could be made to curve in the air. The professors who doubted the possibility of a ball curving based their doubts upon the alleged insubstantiality of air resistance. They admitted the

theory, and doubted the fact. Every curve, shoot, "hook," "fadeaway," and slow ball depends upon the same principles, revolution and air pressure. The way a ball curves depends upon the force with which it is thrown and the amount of rotation. Its direction depends upon the amount of friction applied by the fingers to a given point on the surface of the ball. The ball always curves in the direction of the heaviest friction applied by the hand, and away from the heaviest air friction. The curve increases in the ratio of the amount of its revolution.

Perhaps the most frequent question asked of a baseball writer is, "How far can a ball be made to curve?" Of course they mean by a normal pitcher not using mechanical assistance. I never have been able to find the limit of the curve, nor, indeed, to calculate the curve accurately, although I have made some experiments. I refer to the actual curve of the ball due to its rotary motion and air resistance. I do not think that the real curve of the ball in 55 feet (distance from the pitcher's hand when he releases the ball, to the home plate) can be more than 20 inches. I have heard ball-players declare the ball curves from six inches to five feet. I tried it once with Oval Over all, who had, I believe, the most sweeping and widest fast curve ball I ever saw.

We placed 12 big sheets of tissue paper between slats, 8 of them at short intervals over the first 15 feet in front of the plate, the rest scattered at wider intervals until the last one was 5 feet in front of the pitcher's slab, and, to my surprise, his hand struck the paper as the ball was released, proving the actual distance—of the pitch is much shorter than usually supposed. Of course Oval's reach was much greater than the average, but I do not think the actual pitching distance, from hand to plate, is more than 55 feet.

Overall pitched his wide overhand curve. The ball entered the first sheet four feet to the right of the center of the two plates at a height of five feet, and almost six feet above the ground (he was pitching off a slight elevation). His hand hit the paper and tore a hole a foot lower, showing he had released the ball before his arm reached the extreme limit of its swing. The ball went through the second sheet, which was 10 feet from the first just four inches lower than through the first, and a little over two and a half feet from the right of the line. It was less than a foot from the line when it struck the first of the eight sheets placed closely together in front of the plate, and it tore through the next one a trifle higher. Then it began its true curve. Nine feet in front of the plate it "broke" and shot downward and outward and crossed the sheet at the home plate ten inches above the ground and nearly twelve inches to the "outside" (that is, for a right-handed batter) of the center of the plate. The ball had dropped five feet two inches downward, through the force of gravity, the angle at which it was pitched and the curve, and had angled and curved practically five feet. The closest calculation we could make was that the ball actually curved, as a result of its rotary motion, approximately 17 inches.

The air resistance, which was disputed at Tynge's experiments, has, of course, become a known factor with the study of the science of aeronautics. The amount of resistance can be computed closely by the use of the barometer. The ball curves in the direction in which it revolves. The amount of the curve depends upon the



Christy Mathewson.

rate of rotation and the weight of air. The entire science of pitching consists in the deft application of friction upon some point of the ball which makes it rotate in a certain direction, or, which counteracts its natural rotation and cause it to "wobble" or float with little revolving motion. The slow balls, fadeaways, knuckle balls, all have as their object the prevention of rotary motion, or to give false rotary motion of "reverse English." The ball that presents the most air surface to the resistance of the atmosphere slows up quickest and yields more rapidly to gravitation. The one that spins oftenest (not necessarily fastest) curves most.

HIS GOOD FRIENDS

A Seeming Deep Mystery is Satisfactorily Explained to a Trusting Lover.

By GERTRUDE MARY SHERIDAN.

"I tell you, Dave, that fellow, Ralph Tilden, isn't worthy of your sister," said Mart Woods.

"All you've got to do is to convince me of the fact," replied Dave Brierly, brother of Rose Brierly, the prettiest girl in Brampton.

"I can do that," asserted his companion positively. "See, here, Dave, I make no pretense of being disinterested in this matter. I always liked Rose, and I like her more than ever now."

"I've always known that, Mart. You and I have always been close chums, and, of course, I don't favor a newcomer and an upstart against you."

Mart Woods smirked with satisfaction at the encouraging words. He was a mean-spirited fellow, according to his shifty eyes. Dave was his junior, or, callow, and fancying boyish talk to a chum to be the height of human chivalry.

"I'll convince you, all right," asserted Mart. "The only thing is to convince Rose. She wouldn't believe anything I might say, and she fancies that Tilden follows to be everything that is good and true."

"He'll get his walking papers mighty quick if he is the wolf in sheep's clothing you say he is," observed Dave, smartly.

"Very well, I'll have some news for you in a day or two," promised Mart. "I'll show the rascal up in his true colors."

When the treacherous Mart stated that Rose Brierly held a very high



Had No Idea That Two Persons Were Strutting After Him.

opinion concerning the young man he considered his rival, he had not exaggerated. Rose had never given the least encouragement to Mart's advances. In fact, she had never known what love meant until Ralph Tilden had come into her life.

The latter was a manly young fellow, whom every girl might be proud to attract. He had been recently admitted to the bar; his first case in court had been the defense of a poor woman whose suit other lawyers had declined because she could not pay a fee. Ralph had won the case, its details got into the public prints, and he had earned golden opinions as to his professional ability and his philanthropic unselfishness.

All unconscious of the deft plots being woven to disturb their happiness, Rose and Ralph passed some pleasant hours. On the spur of a vague suspicion regarding some of the movements of the young attorney, Mart fancied himself possessed of all the attributes of a skillful detective in running down his "clews," as he was pleased to call them. He came to Dave Brierly one day, elated and confident.

"Well, I've got the goods on that Tilden," he announced. "Twice a week he leaves his office at about eight o'clock in the evening. He never gets home until two in the morning. A fellow who does that regularly is up to something, isn't he?"

"As what, now?" challenged Dave.

"Well, crossing around. This is his night for going on one of his mysterious excursions. I watched him the last time."

"Where did he go?"

"Don't know. I started to follow him. He either suspected me and slipped me, or I lost him in the crowd. I know this, though—he was headed for the seamy side of the city."

"That isn't very definite," observed Dave. "I don't want to make any mistake."

"There won't be any," insisted Mart. "Are you nervous for a demonstration?"

"Of what?"

"A running down of our suspicions. See here, Tilden is keen as they make them. If he suspects that he is being followed, he is clever enough to lead a false chase. Let us be on hand tonight to take up the trail when he leaves his office."

"How?" questioned Dave, dubiously. It took a long time for Mart to induce his companion to join forces with him. His plan was a simple one. They were to blacken their hands and faces.

"We'll pass in the crowd and in the dark as negroes," explained Mart. "Oh, don't be so squeamish. If nothing comes of it, we'll get an idea of local color in our ramblings, anyhow."

At length Dave agreed to the proposition. When at about eight o'clock that evening the young lawyer, Ralph Tilden, left his office, where he had been at work writing and studying, he had no idea that two persons strutting after him were bent on tracing his movements.

"See how he has pulled his coat collar up to hide his face," whispered Mart, as Tilden turned into the next street.

"Oh, that is quite natural," responded Dave. "It's beginning to drizzle, and he wants to shut the rain out."

The drizzle changed into a dreary pelting rain in a short time. Dave was glad when at last Tilden reached a two-story building on one of the lower streets of the city. On either side of the center open entrance were balconies. A part of the upper floor was lighted up, but the window shades were drawn trim and tight.

"Do you see?" cried Mart, exultingly, grasping the arm of his companion. "What did I tell you?"

"Why, what do you mean?" inquired Dave, staring blankly.

"That place—downstairs saloons, upstairs the most notorious gambling house in the city."

"How do you know it is?" submitted Mart pointedly.

"Why—er—that is, I heard so—some one told me," explained Mart stumbingly.

In his excitement the speaker wiped his face with his handkerchief. Dave brushed the rain drops from his eyes. They crossed the street and stood in the full glare of the strong electric arc lamp, discussing what they would do next. Some people passing by stared strangely. Then a policeman came up, regarded them with a suspicious glare, and caught each by the collar.

"Ah!" he remarked—"disguising yourselves, eh? You'll explain this to the sergeant, my hearties."

Remonstrances were in vain. A boisterous crowd followed the two seekers after "local color" clear to the station. No wonder! Where the rain had trickled and their careless hands had wandered, the faces of the unhappy captives were streaked in ludicrous patches of lamp black.

Somehow, they managed to get out of their trouble, somehow, too, the story got out.

"There seems to be something to explain," remarked Rose to Ralph the next evening.

"Ma chere, c'est que je t'aime," replied Ralph, earnestly—"which means, how much I love you. In other words, a poor teacher of languages, too poor to select his preferable residence, lives in the building where our good friends located me. He has been teaching me French."

Which explained the seeming mystery and made fair, trustful Rose Brierly love him more than ever.

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EARLY MARRIAGE THE THING

Dr. Eliot Firmly of Opinion That It Should Not Be Put Off Until Middle Life.

Dr. Eliot, whose name was mentioned as American Ambassador in London, is strongly in favor of early marriages. Here are his views: "You will hear some young man say, 'I cannot invite a girl who has been brought up to do nothing for herself, and to have every gratification and every luxury provided for her, to marry me, until I can earn an income which will enable her to live with me in that way.' I have two remarks to make about that doctrine—that if a girl has been brought up in that manner, the sooner she has a chance to live differently the better for her; and, secondly, that it is only fair for a young man who loves a young woman to consult her as to whether or not she wishes to marry him before he can earn a large income.

"The young woman has a clear right to say a word on that subject to the man she loves, and not to be obliged to wait till he is thirty-five years old before he asks her to marry him. This is a matter of looking ahead at a critical point in your lives. Young men are not in the habit, perhaps, of contemplating this aspect of marriage. It would be wiser to do so. The sooner you begin to think about it the better—first, because it will be thinking about the most important event in your lives in respect to the development of your own characters, and to the happiness not only of yourselves, but of the family life which will normally result."

Our Modest Wants. It is a remarkable fact that the vast majority of men look forward through the years of their greatest activity not to a winter home in Florida, or southern California, or at Cairo, Cannes or Nice, nor to a summer home in the Adirondacks, in the White Mountains, among the peaks of the Rockies or the pines of the Sierras, or somewhere along the New England coast, but rather, to a 40-acre farm on the outskirts, easily accessible to a market, where they might crowd the accumulated experience and wisdom of a lifetime into the intelligent management of a chicken yard.—Christian Science Monitor.

Henkel's

BREAD FLOUR—Very Best for Bread. You can buy none better, no matter what the name or price.

GRAHAM FLOUR—makes delicious Gems.

CORN MEAL—beautiful golden meal especially made from the choicest corn.

SELF RAISING PANCAKE FLOUR—the household favorite.

Flour

It is said \$1,000,000 is invested in soft birds in Los Angeles.

Mrs. Winslow's Scorching Syrup for Children's Coughs, whores the game, reduces inflammation, always painless, never kills, like a bottle of...

Hunger never kicks because the tobacco is soiled.

Don't buy water for bluing. Liquid blue is almost all water. Buy Red Cross Ball Blue, the blue that's all blue. Adv.

No Fault There. "Blagg is no golden-mouthed speaker."

"Well, his dentist did his best to make him one."

In Jail. Sympathetic Visitor—Can't you do something to make life smooth for these poor men? Practical Officer—Sure, lady. Don't we from them?

Monotonous. "What're gonna do with that knife?" "I'm gonna play I'm cuttin' you up."

"Aw, you always want to play doctor."

Exonerating the Kingbird. The department of agriculture has granted a certificate of good character to the kingbird, sometimes known in the rural districts as the bee martin, a species of fly catcher which inhabits nearly every part of the United States. The kingbird has been under indictment in many sections as a destroyer of bees and a foe of apiarists. Experts now declare that it kills only the drones and the useless bees, and is, therefore, a boon to the bee raiser. Besides that, it preys on many harmful insects and protects farmers' chicken yards from depredations of crows and chicken hawks, which it savagely attacks.

GOOD ROADS FOLLOW FLOOD

Ohio Catastrophe Promises to Result in Much Better Highways in That Section.

The truth of the old saying, "It's an ill wind that blows no one good," is no less well demonstrated, following the great flood that swept over Ohio and Indiana than it has been after every disaster the world has seen. In the present case those who advocate the transportation of merchandise by motor trucks instead of by horse and wagon, or rail methods, are the ones who see a great good come out of the flood, though they were no less sympathetic with its victims or prompt in coming to their relief than any others in the United States.

It is the reconstruction of roads and bridges destroyed by the great sweep of waters that the motor truck advocates are to benefit, according to Vice-President G. W. Bennett of the Garford company of Elyria, O. With the work of rebuilding washed out roads and bridges completed, Ohio and Indiana will have some of the best truck highways in the country, says Mr. Bennett, basing his statement on information lately received from Garford truck dealers in all parts of the flooded district.

MEMORY IMPROVED. Since Leaving Off Coffee.

Many persons suffer from poor memory who never suspect coffee has anything to do with it.

The drug—caffeine—in coffee, acts injuriously on the nerves and heart, causing imperfect circulation, too much blood in the brain at one time, too little in another part. This often causes a dullness which makes a good memory nearly impossible.

"I am nearly seventy years old and did not know that coffee was the cause of the stomach and head trouble I suffered from for many years, until about four years ago," writes a Kansas woman.

"A kind neighbor induced me to quit coffee and try Postum. I had been suffering severely and was greatly reduced in flesh. After using Postum a little while I found myself improving. My heart beats became regular and, now I seldom ever notice any symptoms of my old stomach trouble at all. My nerves are steady and my memory decidedly better than it was when I was using coffee. I like the taste of Postum fully as well as coffee."

Name given by Postum Co., Battle Creek, Mich. Write for booklet, "The Road to Wellville."

Postum comes in two forms. Regular (must be boiled). Instant Postum doesn't require boiling but is prepared instantly by stirring a level teaspoonful in an ordinary cup of hot water, which makes it right for most persons.

A big cup requires more and some people who like strong things put in a heaping spoonful and temper it with a large supply of cream.

Experiment until you know the amount that pleases your palate and have it served that way in the future. "There's a Reason" for Postum.

HAPPENINGS IN THE CITIES

Court's Unique Mascot Lights on Judge's Nose



BALTIMORE, Md.—The Broyles has a unique pet. Dogs, cats, birds, roosters and other such commonplace pets are wholly outclassed. You'll never guess, so here goes for the answer—

The Recorder's world-beating, prize pet is a fly—just an ordinary green carrying, disease spreading pestiferous house fly—and his name is "Pete". The fly, it might be added, didn't possess this classy moniker until it became acquainted with the recorder.

It might also be added further that "Pete" is not only a prime favorite with Judge Broyles, but with all of the police court attaches. Pete is "the court fly."

And through the medium of Pete's characteristic fly affection for the courtroom and its attaches, Judge Broyles insists that he has disproved the time honored theory that flies are short-lived.

As "Pete" lazily lounged on the judge's left ear at the close of police court, he remarked—the judge did: "All of this talk about flies living but a short time is all both. 'Pete' here has punctured that theory. 'Pete' has been right here in the courtroom with us all winter, and he doesn't appear any nearer his end today than he did at the beginning of last fall, when I first began to notice him. He's a bit lazier, I believe, but that's all. "I don't know how old he is now, but he looks as though he would live to a ripe old age."

Recorder Pro Tem Preston suggested that Pete's age might be determined if the recorder would make an examination and ascertain if Pete had whiskers, and, if so, their color. Judge Broyles, however, promptly assured Judge Preston he was satisfied a fly's age would not show in its whiskers.

Pete lived in the warmth of the justice courtroom throughout the winter. If any other flies were there they kept well within cracks and other places. Pete alone ventured forth. It was this daring of a lone fly that first attracted the recorder's notice, and he began to watch and study it. He called the attention of other court attaches to the fly, and then they all watched it.

When Judge Broyles would ascend the bench for the morning or afternoon sessions, the affectionate fly was right on the job, taking its place on the judge's desk or on the judge's head. It also became very friendly with Judge Preston, frequently reposing on his nose—as it did also with Court Investigator Ed Arthur and Court Officer George Cornett.

When Judge Broyles became convinced that this daily fly visitor was one and the same fly, he christened it.

Pities Bachelors; Establishes a Mending Bureau

CLEVELAND, O.—A motherly little woman has taken pity on the buttonless, undarned and proverbially "holey," helpless bachelors of Cleveland. She has established a Bachelor's Mending Bureau.

Bachelors, because they are commonly supposed to be in need of the kind of aid which she is prepared to give, and married men whose wives are away, or who like to shop and "gad" better than sew, are eligible for assistance from this seamstress extraordinary.

The woman is Mrs. E. T. Benson, formerly of New York, where she established a reputation for "bachelor mending." She has "patched" and darned for some of the best known bachelors in the East. There is one condition that she insists on in taking mending of unmarried men to do. That is a guarantee from them that if they marry they will not flaunt her mending in the faces of their wives and speak regretfully of "the way Mrs. Benson darned."

"Why get married?" inquired a young "blade" who had just had a rent in his trousers (the extra pair, not those he was wearing) mended so that no one could see where his girl's father's bulldog had embraced him.



There is really no longer excuse for any bachelor having a hole in his otherwise lovely silk sock. To be one button short in any portion of one's wearing apparel with Mrs. Benson in the city, is nothing short of the unpardonable sin, while to have one's shirt cuff frayed, or a rip in one's new Bulgarian tie, are inexcusable social crimes.

"I have always been something of an expert with the needle and decided to turn my experience to good advantage," said Mrs. Benson. "I think I have devised some new ways and means for mending and darning so that the repair is actually invisible except with a microscope.

"I know young men, particularly bachelors, are particular and that some of them do not like the idea of having anything mended."

Cologne Is Annihilated in a Garlic Car Battle



of a South Deering car by another sense than that of sight. "Wags living along the line like to say: 'I smell a car coming.'"

When these cars were put on the Windsor Park line and the cars of the latter line sent to the garlic line, there arose a howl of protest in Windsor Park. Business men who reside there vowed that their wives and daughters should not be compelled to ride all the way to the Sixty-third street "L" station in the "garlic cars."

The other night a meeting of protest was held and Miss Jane Hinman, prominent in social uplift work; Mrs. John C. Conners and Mrs. Frank Edwards were appointed a committee to see President Husby of the south-side line and enter a protest.

Meantime, the women are trying to counteract the smell of garlic by the profuse use of cologne. Experience has not given them encouragement.

"It's no use," said one of them. "Delicately scented eau de cologne enters the battle terribly handicapped. Our only chance would be to buy some of that loud-smelling stuff."

achievement; and, after all, has it not given its name to the round Dutch cheeses which it once made in such numbers, a distinction, surely, on which any town might rest?

Of Hinderloopen, the Friesland village, once famous for its art, little survives of interest except its name. Here arose a beautiful and curious scheme of design, characterized principally by a running scroll pattern, in which yellow played a principal part. Every household utensil was elaborately decorated, and the dress of the people was no less unique than their art. Now both have passed away, or survive only in private collections and museums.

Friesland is a land of windy merris and far-stretching peat country, where the lean Friesland sheep and the slim, black Friesland horses graze. Protected from the sweet salt breezes by its mighty dike, lies the little red-roofed town of Harlingen, the northern port, whence steamers sail to Hull. Picturesque and clean like all Dutch towns, it has that glistering, alert air that a seaside town sometimes assumes, as if it were kept fresh and wholesome by the keen salt spray.

High School Student's "Ponies" Kick Up a Real Riot

PHILADELPHIA, Pa.—A miniature riot was caused at the Central high school here the other day when hundreds of negro boys appeared in answer to the following advertisement which had been inserted in several papers:

"Wanted—Colored boy to care for pony; good wages. Apply Professors Language Department, Central high school."

The school had hardly opened its morning session before the pavements were crowded with colored boys of all sizes, and at least a score of fistful combats ensued during the rush to the main doorway. The professors and the student body added to the excitement by attempting to repel the invasion without success.

The boys fought their way to the language department, and after the noise had been partially subdued the shocked professors were compelled to read the "ad" from a dozen papers



thrust at them. Then it suddenly dawned on the instructors in ancient languages that the work was that of some mischievous students who had plotted to rattle the dignity of the professors after their confiscation of all "ponies," or translations, used in the Latin classes.

In vain the professors tried to explain the situation to the angry boys who only desired to use a curriculum. Classes in progress were dismissed and police were asked to eject the unruly brio hostlers.

ON THE ZUIDER ZEE

Beautiful and Old "Dead Cities" of Holland.

Once Thriving Town of Enkhuzen Deserted Since Its Harbor Has Silted Up and Its Trade Declined.

Edam, Holland.—No more pleasant spot could be chosen for leisurely holiday rambles than the shores of the Zuider Zee. There to the north, on a little promontory, is the windmill of Hoorn, a charming town with a wealth of fine old buildings, stately homes of well-to-do burghers surviving from the days of Hoorn's remote prosperity, houses with wide windows and elaborate facades. The ancient "Doelhuys," or headquarters of the local shooting guild, may still be distinguished by the carved effigy of St. Sebastian, patron saint of archery, above its door. It is now an hotel, seemingly too spacious for the requirements of the little town; behind it is a tree-shaded open space, where the marksmen might have practised. The beautiful St. Jans Gasthuis—formerly, as its name implies, a hospital, now a most picturesque medieval barrack—is Hoorn's most distinctive feature, for, alas! the old Weigh-house has had to undergo drastic restoration.

At no great distance to the north of Hoorn lies the once thriving and important town of Enkhuzen. Of all the so-called "dead cities" of the Zuider Zee, Enkhuzen has been the most recently diminished and brought low. Since its harbor silted up and its trade declined, whole streets have gradually disappeared; but how charming is what remains! Those empty, silent streets, swept by the salt breezes and bordered by their peaked red-roofed houses are haunted by ghosts of the past. Here strode gallant John Harling and the bold, rough fellows that were his comrades and here played as a child the painter, Paul Potter, whose famous "Bull" is one of the treasures of The Hague's picture gallery. Like Hoorn, Enkhuzen has preserved in its decline many an interesting building. Yet nothing more picturesque in its decay is to be seen than the little town of Edam, where all the starlings in Holland seem to collect and chatter in spring on the old house-tops that overlook the tree-shaded canals. Edam has an indefinable charm, a sense of rest and



Fisher Village, Island of Marken.

VERANDAH IN SUMMER

CAN BE MADE ONE OF THE MOST COMFORTABLE APARTMENTS.

With Appropriate Furnishings it Will Be Found a Constant Delight—Pleasant Place for Breakfast or Luncheon.

Each summer brings more appreciation of living out of doors, of taking what we can of our daily life out into the sweet air and near the refreshing green. The gallery has become very popular and builders pay much attention to it. What was once a narrow, railed-in strip is now practically a room, and a well-furnished room, too. Rugs of grass matting, or rag rugs will not suffer harm from damp, and give the verandah an aspect of comfort. Comfortable chairs of wicker or wood, the latter painted to agree with the house coloring, are set in inviting arrangement. A table with undershelf is ready to hold magazines and fancy work. If a cloth is used, it should be well weighted down at the corners for safety during windy days. If possible a sofa should be given a place, for out-of-door naps are very restful. The wicker sofas are light and very pretty in appearance, but a rug, or even two, should be at hand, for there should always be one under the sleeper. The chairs having a wide extension on the arm are very practical when one wants to do writing, or to take a cup of tea for an afternoon. Cushions, covers for chairs, and lounge should be of wash material. Denim, Turkey red, or art tick, are strong and serviceable. Make them to button on. If it is at all possible the family should have at least one meal a day on the gallery. In one house where this was done the enjoyment was a recompense for the extra trouble, and the trouble was minimized as much as possible by the table being placed on the gallery just outside the dining-room window. Everything for the meal was passed out of the window, saving unnecessary steps. A plain deal kitchen table was used. A curtain to shut out sun, wind, or even rain, if necessary, one that draws up with a cord. Matting roller blinds for this purpose are to be had in the shops. A light on the verandah at night makes the evenings available for reading and sewing, but sometimes almost necessitates an entire screening of mosquito veiling.

One of the gallery seats, or perhaps the lounge, should be of the box variety, furnishing a receptacle for cushions, rugs, books, etc., where they can be hastily disposed of at night if desired. A hammock bed is a much coveted addition to the verandah furnishings. Plants and vines must not be forgotten in planning the beauty as well as the comfort of this out-door living room, and many little additional comforts and pleasure will suggest themselves as the season passes.

Any expense and trouble caused in the preparation of this out-door resort and in its care will be more than repaid when the autumn chill comes again by the many hours of pleasure enjoyed there in sultry days and evenings.

Oyster Sauce for Boiled Poultry. Place in a saucepan over the fire a small quantity of flour with an equal amount of butter and stir together till it bubbles, then gradually mix in liquor from the oysters that are to be used and enough broth from the poultry to make a sauce of the consistency of cream. Season with salt and white pepper and let boil for a moment, then place the saucepan on the rear of the fire to keep hot till wanted. Then put in the oysters and boil once more. In the meantime dish the poultry, pour a little of the oyster sauce over it and serve the remainder in a boat.

Parade-Partout for Mending. If you tear a black dress, cut a narrow strip of black parade-partout braid wet it and paste on the back of the rent. You will find that the dress is mended invisibly. Be careful to draw the edges of the rent closely together. This is especially valuable to persons traveling, as it does not require a hot iron like the ordinary mending tissue.—McCall's Magazine.

Top for Pudding. After baking a bread pudding, cover the top with marshmallows and put back into the oven until they melt and brown. This forms a delicious meringue top that fills the place of the hard sauce usually served with bread pudding, says Good Housekeeping. Do not place the marshmallows too near the edge of your baking dish or they will stick to it in serving.

Not Worth It. "Why did you name the baby Nebuchadnezzar?" "His Uncle Nebuchadnezzar has promised to leave him \$5,000."

"The boy may not thank you in after life. I think he'd rather go out and earn \$5,000 than to carry around that name."

Wayside Philosophy. "Easy Street must be a nice street to live on," remarked the first hobo. "The nothing to me," declared the second wayfarer. "I never found that the alley back of it provided anything extra in the way of pickings."

Important to Mothers. Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it bears the Signature of *Dr. J. C. Fletcher* in Use For Over 30 Years. Children Cry for Fletcher's Castoria.

Its Kind. "The cream of the general's army was defeated by the foe."

"Ha! he! Then it was whipped cream."

It Depends. "Don't you adore the voices of the night?"

"Not if the baby has the colic."

IF YOU ARE A TRIPLE SENSITIVE about the size of your feet and wear a size smaller by skating Allen's Foot-Ease, the antiseptic powder, into them. Just the thing for Dancing Parties and for Breaking in New Shoes. Gives instant relief to Tired, Aching, Swollen, Tender Feet, and takes the sting out of Corns and Blisters. Samples FREE. Address: Allen S. Olmsted, Le Roy, N. Y.—Ad.

The Usual Conclusion. "That young fellow told me a very touching story."

"For how much?"

Washing Flannel. It will be found that washing flannels in warm water and then rinsing in cold causes them to shrink. Try washing them in warm water with soap and rinsing in still warmer water, and you will find that this method keeps the flannel from shrinking and preserved its softness.

Patent Leather Shoes. You can keep your patent leather shoes in good condition by rubbing them with a little olive oil daily and polishing with a soft cloth. By doing this you keep the leather from cracking, and your shoes always appear new.

Salad Boxes. Make window boxes for the back windows and in them sow thyme, parsley, radish, lettuce, carrot and cucumber seeds. Also set out several dozen onion sets.

THE LURE OF THE WEST

WESTERN CANADA ATTRACTING THOUSANDS OF SETTLERS.

Writing on the Canadian West, an eastern exchange truthfully says: "The West still calls with imperative voice. To prairie and mountain, and for the Pacific Coast, Ontario's young men and women are attracted by tens of thousands yearly. The great migration has put an end to the fear, freely expressed not many years ago by those who knew the West from the lakes to the farther coast of Vancouver Island, that Canada would some day break in two because of the predominance of Continental European and American settlers in the West."

This is true. While the immigration from the United States is large, running close to 150,000 a year, that of the British Isles and Continental Europe nearly twice that number, making a total of 400,000 per year, there is a strong influx from Eastern Canada. It is not only into the prairie provinces that these people go, but many of them continue westward, the glory of British Columbia's great trees and great mountains, the excellent agricultural valleys, where can be grown almost all kinds of agriculture and where fruit has already achieved prominence. Then the vast expanse of the plains attract hundreds of thousands, who at once set to work to cultivate their vast holdings. There is still room, and great opportunity in the West. The work of man's hands, even in the cities with their record-breaking building rush, is the smallest part of the great panorama that is spread before the eye on a journey through the country. Nature is still supreme, and man is still the divine pigmy audaciously seeking to impose his will and stamp his mark upon an unconquered half continent.

The feature that most commends itself in Western development today is the "home-making spirit." The West will find happiness in planting trees and making gardens and building schools and colleges and universities, and producing a home environment so that there will be no disposition to regard the country as a temporary place of abode in which every one is trying to make his pile preparatory to going back East or becoming a lotus-eater beside the Pacific.

The lure of the West is strong. It will be still stronger when the crude new towns and villages of the plains are embowered in trees and vocal with the song of birds.—Advertisement.

Parliamentary Suspension. Sir Henry Lucy drops a hint from the "Cross Benches" in the Observer as to the "suspension" of members of the house—and the vagueness of the penalty. Can it be true that members get themselves named and suspended on purpose to achieve a compulsory holiday? Eight pounds a week will make for modest comfort at Brighton or Eastbourne. The member of parliament is paid whether he is in the house or at Margate or in the Clock Tower. Budapest has a more drastic way. If the member is suspended he is fined 16 shillings a day. That teaches him to behave. Now that we pay our representatives we might make payment conditional on their representing us in the proper place.—London Chronicle.

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Drink Coca-Cola

A welcome addition to any party—any time—any place. Sparkling with life and wholesomeness.

Delicious Refreshing Thirst-Quenching

Demand the Genuine—Refuse Substitutes.

At Soda Fountains or Carbonated in Bottles.

THE COCA-COLA COMPANY, ATLANTA, GA.

W. L. DOUGLAS SHOES

FOR MEN AND WOMEN

Best Shoes in the World

Best styles and shapes to suit everybody.

The largest makers of Men's \$3.50 and \$4.00 shoes in the world.

Ask your dealer to show you W. L. Douglas \$3.50, \$4.00 and \$4.50 shoes. Best as good in style as and wear as other makes costing \$5.00 to \$7.00. All the difference is the price. Shoes in all leather, styles and shapes to suit everybody.

If you could visit W. L. Douglas large factory at Brockton, Mass., and see for yourself how carefully W. L. Douglas shoes are made, you would then understand why they are warranted longer than any other make for the price.

W. L. Douglas shoes are not for sale in your vicinity, order direct from the factory and save the middleman's profit. Shoes for every member of the family, at all prices, by W. L. Douglas. Write for catalogue. It will show you how to order by mail, and why you can save money on your footwear.

W. L. DOUGLAS, 271 Broadway, New York, N. Y.

Proof of Value

of the time-tested, world-tried, home remedy—proof of its power to relieve quickly, safely, surely, the headache, the sour taste, the poor spirits and the fatigue of biliousness—will be found in every dose of

BEECHAM'S PILLS

Sold everywhere. In boxes, 10c., 25c.

SPECIAL TO WOMEN

Do you realize the fact that thousands of women are now using

Paxtine

A Soluble Antiseptic Powder

as a remedy for mucous membrane affections, such as sore throat, nasal or pelvic catarrh, inflammation or ulceration, caused by female ill? Women who have been cured say "it is worth its weight in gold." Dissolve in water and apply locally. For ten years the Lydia E. Pinkham Medicine Co. has received Paxtine in their private correspondence with women.

For all hygienic and toilet uses it has no equal. Only 50c a large box at Drug-gists or sent postpaid on receipt of price. The Paxton Toilet Co., Boston, Mass.

M. V. McInnes, 176 Jefferson Ave., Detroit, Mich. Canadian Government Agent, or write for particulars. Agents: Montreal, Toronto, Ottawa, Canada.

NEW 3 DAY

FOR DRINK AND DRUG HABITS

Warranted to cure. No matter how long you have been drinking or using drugs, this medicine will cure you. It is a safe and sure remedy. Write for particulars. Price 50c per bottle. Sold everywhere.

DAISY FLY KILLER

Kills all flies, mosquitoes, and other insects. No matter how many there are, this medicine will kill them. Write for particulars. Price 50c per bottle. Sold everywhere.

The Wretchedness of Constipation

Can quickly be overcome by **CARTER'S LITTLE LIVER PILLS**.

Purely vegetable—not purely and gently on the liver. Cure Biliousness, Head-ache, Dizziness, and Indigestion. They do their duty. SMALL PILL, SMALL DOSE, SMALL PRICE. Genuine must bear Signature

Wm. Wood

THOMPSON'S EYE WATER

For Sale Highest grade used electric gas batteries, repaired in best mechanical condition, new batteries, repaired in best mechanical condition, new Motor Car Company, 2700 Michigan Ave., Chicago, Ill.

READERS of this paper desiring to buy anything advertised in its columns should first send for a copy of the Reader's Guide, which will show them how to buy and how to get the best value for their money.

W. N. U., DETROIT, NO. 23-1913.

PUTNAM FADELESS DYES

Color more goods brighter and faster colors than any other dye. One 10c package colors all others. They even color dye any garment without ripping apart. Write for free booklet—How to Dye, Bleach and Mix Colors. PUTNAM DYEING COMPANY, 100 N. W. 2nd St., Detroit, Mich.

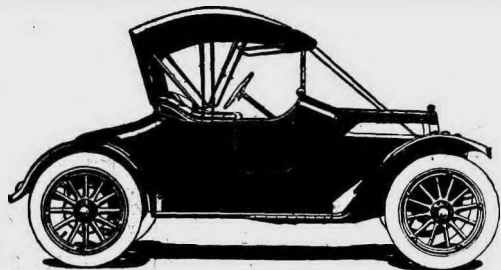
Always Up-to-Date

By R. E. Olds, Designer

In Reo the Fifth, new ideas are adopted as soon as the leaders accept them. The car is kept up-to-date.

Thus, at any time this car contains about every new feature in sight.

And most of the time one finds the car months in advance of its rivals.



REO THE FIFTH ROADSTER

Next Year's Cars

The evidence is that most next year's cars will adopt the following features. The leading cars already have them.

Note that Reo the Fifth, as we build it today, embodies all these coming features.

- Left-side drive
- Center Control
- Electric lights
- Set-in dash lights
- Oversize tires

There is no need to argue these. Note the leaders of Motordom—how all of them have them. There is no better evidence that cars without them will soon be obsolete.

One-Rod Control

Another feature bound to come is the Reo one-rod control.

Note what it means. No levers in the driver's way, either side or center. The driver's entrance on either side is absolutely clear. He never dismounts in the street.

All the gear shifting is done by one small center rod. It is done by moving this rod only three inches in each of four directions. Both brakes are operated by foot pedals.

No coming feature means as much to the driver as this simple rod control, this absence of levers, this clear entrance in front.

Things That Still Must Come

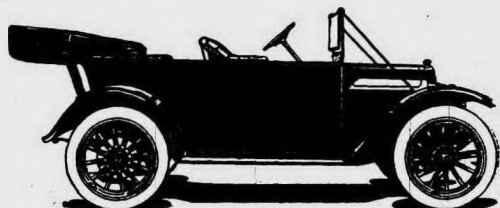
There are other features in Reo the Fifth to which care of this class must come.

Men expect them in costly cars. But men are bound to demand them in any car when they know what their absence means. I refer to things like these:

- Analyzed steel
- Properly tested gears
- 15 roller bearings
- 190 drop forgings
- High-test magnets
- Doubly-heated carburetor

- 30-35 Horsepower
- Wheel Base 112 inches

- Tires—34x4 inches
- Central Control
- 15 Roller Bearings
- Demountable Rims
- 3 Electric Lights
- 190 Drop Forgings
- Made with 5 and 7-Passenger Bodies



Reo the Fifth \$1,095

Top and windshield not included in price. We equip this car with mohair top, side curtains and slip cover, windshield. Free O-Lite gas tank for headlights, speedometer, self starter, extra rim and brakelets all for \$100 extra (disc price \$125). Gray & Davis Electric Lighting and Starting System at an extra price, if wanted.

NEW GARGAGE

We now have a first-class automobile man in our Garage who has had years of experience in one of the largest automobile factories, and is thoroughly competent to do all kinds of automobile repair work. When you need any repairs done on your auto bring it to our Garage in the rear of Commercial Hotel and we will put it in proper shape.

Hemenway & Wilson

Call Thomas Hemenway, Plymouth or Ira Wilson, Elm, for Demonstration. Bell Phones.

THE PLYMOUTH MAIL

F. W. SAMSEN

L. B. SAMSEN, Editor and Manager

CHURCH NEWS

CHRISTIAN SCIENTIST.

First Church of Christ, Scientist holds services at church edifice, corner of Main and Dodge streets, Sunday morning at 10:10. Subject, "God the only Cause and Creator." Sunday-school at 11 a.m. Wednesday evening, testimonial service, 7:10. Everyone welcome.

BAPTIST

Rev. W. W. DesAutels, Pastor.

There will be Children's Day exercises on Sunday morning at the regular hour of service. The evening service will be in charge of the Woman's Mission Circle. Mrs. DesAutels will speak on the "Condition of Women and Children in Heathen Lands."

METHODIST

Rev. Joseph Dutton, Pastor.

10 a. m. The Sunday-school has charge of this service and the annual Children's Day exercises will occur. The rite of Infant Baptism will be observed, and all parents desiring to have children baptised are cordially invited to attend with the children. 6 p. m. Epworth League. 7 p. m. public worship. The Knights of Modern Maccabees will attend in a body for a Memorial service. The pastor will preach on the theme, "The Broadening Bonds of Brotherhood."

PRESBYTERIAN

Rev. B. F. Farber, Pastor.

Services will be held in this church on Sunday, June 8th, as follows: morning worship at 10 o'clock. The Sacrament of the Lord's Supper will be observed at this service and new members received into the fellowship of the church. Sunday-school at 11:15 o'clock. Presbyterian Guild at 6 o'clock. Subject, "Seek Peace and Pursue It." Leader, Miss Bertha Beals. Evening service at 7 o'clock. This service will be almost wholly devoted to music. The faithful conductor of our chorus is to leave us shortly and this evening will be a farewell concert. The pastor will give a brief address. Prayer meeting on Thursday evening at 7 o'clock. Our Children's Day exercises will be held next Sunday, June 15th, at the hour of the morning service, 10 o'clock. A cordial welcome is assured to all these services.

LUTHERAN

Rev. J. J. Reekley, Pastor.

Services Sunday morning at 9:30 standard. Sunday-school at 11 o'clock. There will be Communion service in this church every Sunday morning, except the last Sunday in each month, when the service will be given in English. All are cordially invited.

ST. JOHN'S EPISCOPAL MISSION.

Sunday-school at 1:30 p. m. At 2:15 p. m. Mr. H. Midworth of Detroit, will hold a special Children's Day service. Young people especially invited. The address will be to children and young people particularly, but parents are sure to hear something good as well as the younger folks. Special Children's Day music.

Next Thursday, June 19th, Mrs. Stephenson will be hostess to the monthly social of the Women's Guild held at the home of Mrs. Wilder, corner of Harvey and Ann Arbor streets. A nice program arranged. Every lady reader invited to these socials.

BIBLE STUDENTS.

The International Bible Students are to begin a series of public lectures at 1. O. O. F. hall, Plymouth, beginning Sunday, June 8. It is desired that any and all who are interested in a deeper bible study attend these lectures. Topic for the first lecture, "The New Heaven and New Earth," based upon the scripture, "I will pour out my spirit upon all flesh," acts 2:17. That there is a grand and glorious epoch just ahead for all the willing and obedient is no longer doubted. The bible fully corroborates it. Come and see. Odd Fellow Hall, Plymouth, Sunday, June 8, 1913. All are welcome. No collection.

SCHOOL NOTES.

Mrs. McLeod and Mrs. Fisher visited the Fourth Grade.

Oh, you ought to see the silk worms. Miss Fanny Bair from Vicksburg visited Miss VanDeusen.

The Eighth Grade has begun to study the Vision of Sir Launfal. They are learning the first part by heart.

Henry Anderson has left school on account of his eyes.

Miss Helen Ward visited home last

Decorations Day exercises were held in the opera house, May 30th. The first part of the program was given entirely by the school, consisting of recitations and two drills. Eighteen winsome little maids of the Second Grade went through a very pretty drill, with much ease and grace. The boys of the Fourth Grade performed a flag drill to the stirring music of a big drum played by one of the boys of that grade. The Misses Gladys Earl and Elsie Harting sang very prettily, while Miss Nonna Anderson, accompanied by her brother Hoken charmed everyone with her violin. Six girls of the Seventh Grade gave us a very pretty selection; while we also had a dialogue by four boys of the First Grade, a song by the Third Grade, a piano duet by Misses Evelyn MacCumber and Nellie Huger, and a recitation by Mildred Hood. The Kindergarten band, which is always very enjoyable

Plymouth Dairy Company

The undersigned wish to announce to the people of Plymouth that they are now in a position to furnish all who desire the purest and best

Creamery Butter

Fresh Bottled Buttermilk
Milk and Cream

Those desiring Butter and Cream will please phone in their orders the day before.

P. E. Nash
W. E. Sly

PROPRIETORS

PHONE 198-L

All Hats

1-4 Off

To Close Out Quick

Giles & Bartholomew

Millinery and Dressmaking.

Plymouth

Special Clearing Sale

All Ladies, Misses and Children's Spring Cloaks, Suits, Dress Skirts

—BEGINNING—

SATURDAY, MAY 31

We shall close out all Garments at Greatly reduced prices. Every garment must be closed out at what it will bring. This will be a great opportunity to fit up with a bright new garment at about the cost of material.

Ladies \$20.00 Suits	\$13.50
" \$15.00 Suits and Coats	\$11.75
" \$12.00 Suits and Coats	\$ 9.50
" \$10.00 Suits and Coats	\$ 7.75

All Children's Coats at same Cut Prices

Ladies \$8.00 Dress Skirts	\$6.00
" \$6.00 Dress Skirts	\$4.75
" \$5.00 Dress Skirts	\$4.00
Misses \$15.00 Suits and Coats	\$11.75
" \$12.00 Suits and Coats	\$ 9.50
" \$10.00 Suits and Coats	\$

With this sale we shall also show Great Bargains in Carpets, Rugs, Mattings, Curtains, Linoleums, Etc.

We are showing a great line of Men's, Young Men's and Boys' Spring Suits at exceptionally low prices.

Men's Suits	\$8.50 to \$18.00	Young Men's Suits	\$10.00 to \$15.00
Boys' Suits	\$2.50 to \$6.50		

Don't fail to see our great line of Shoes, Hats, Caps, Furnishings

We are now showing New things in Wash Dresses, and Waists for Ladies, Misses and Children. See them.

Young Men take a look at our line of Peg Top Pants.

E. L. RIGGS

TRY A LINER

FOR YOUR PICNIC

Now is the time you have your picnics and parties and you must have something nice to eat. You don't want to work and fuss all day before, so come in and see us. Let us do your work.

A Few of the Many Good Things

Olives

Manzanilla stuffed, 10c. Don Carlos, 10c. and 25c. Heinz Queen Olives, 35c.

Pickles

Pinnacle, sweet, sour and dill in neat glass jar, 10c. Heinz Sweet Midget Gherkins, 35c.

Meats

Potted Ham Beef Ham Flavor Luncheon Sausage Veal Loaf Roast Beef

Beans

Campbell's, 10c. Heinz 10c. and 15c. Tomato Sauce Heinz, 15c.

Sandwiches

Butternut Bread and Williams Bros. Peanut Butter or Mothers Bread and Nut-let Peanut Butter and Stambro's Creamery Butter on both

Cakes

Shield's Wrapped Cakes—White, Yellow, Chocolate and Spiced.

Full line of National Biscuit Company's goods. PHONE US YOUR WANTS.

CENTRAL GROCERY,

R. G. SAMSEN

Phone 13, 2r Free Delivery



Holeproof Hosiery

FOR MEN, WOMEN AND CHILDREN

GUARANTEED FOR SIX MONTHS

R. W. Shingleton

Local News

Mrs. Frank Rambo visited friends in Rochester last Friday.

Mrs. Maxine Kent visited friends in Ann Arbor last week Friday.

Mr. and Mrs. E. C. Lauffer visited friends in Toledo over Sunday.

Mrs. Bertha Bartholomew visited her parents at Adrian over Sunday.

Carroll Adams of the U. of M. visited Mrs. Jennie Voorhies over Sunday.

Dr. Homer Safford of Detroit, visited his mother and sister last Saturday.

Mr. and Mrs. Frank Burrows were week-end visitors at W. J. Burrows.

Mrs. James Showers visited relatives in Ann Arbor and Ypsilanti over Sunday.

Mrs. Fred Shafer of White Lake, was a guest at W. B. Roe's last week Thursday.

Mrs. Orr Nathburn of Fenton, visited Mrs. Geo. Shafer the latter part of last week.

Mrs. A. Hubbell was a week-end guest of her son Chas. and family at Pontiac.

Mr. and Mrs. J. B. Pettingill visited Mrs. Wealthy Chaffee at Wayne last Sunday.

Don't forget the free band concert and moving picture show Saturday evening.

Mrs. Theodore Chaffee of Pontiac, is visiting Mrs. A. W. Chaffee and other relatives.

Mrs. Clarence Alabro visited friends in Ypsilanti, Ann Arbor and Jackson last week.

Mrs. Jennie Voorhies is attending the W. C. T. U. Convention held in Detroit this week.

Mrs. Ida M. Dunn was the guest of her sister, Mrs. Eli Cortrite at Wayne last Sunday.

Mrs. C. Killian of Wayne, visited relatives in town over Sunday and the first of the week.

Mrs. Dodsley of Ann Arbor, visited her son Dr. W. F. Dodsley and family a few days last week.

Mrs. Oliver Martin returned home the first of the week from a six weeks stay with relatives in Ohio.

Mrs. J. R. Rauch visited her sister-in-law, Mrs. W. Simmons at the hospital in Ann Arbor last Sunday.

The bi-monthly free supper at the M. E. church will occur on Friday evening from 5:30 until all are served.

Mrs. Susan McIntosh, who has been visiting in Chicago, Ill., returned to her home at Dan McIntosh's last Thursday.

Mrs. William Roe gave a small dinner party last week Thursday evening in honor of Mrs. Fred Shafer of White Lake.

Mrs. Hartman of Chinook, Montana, is visiting her brother, Dan McIntosh, whom she has not seen in twenty-one years.

Mr. and Mrs. A. W. Reed left yesterday for "Grand View," Mr. and Mrs. E. L. Riggs summer home near Port Huron.

Mrs. Geo. Erwin and son Edward of Walled Lake, and Mrs. John Erwin of Ypsilanti, visited at Geo. Shafer's last Friday.

Wyman Bartlett, who has been employed in Flint for some time is now working for Frank Rambo in the Central market.

Mr. and Mrs. Clarence Patterson and little son and Mrs. P. H. Vorton of Detroit, were week-end guests at M. A. Patterson's.

S. W. Everett and brother Ed. left for Fairgrove the latter part of last week, on account of the serious illness of their brother Isaac.

The annual meeting and Club picnic of the Woman's Literary Club will occur this afternoon at Mrs. Paul Bennett's home on Golden street.

John G. Lang left Monday for Battle Creek where he is attending a convention of the Foresters of America as a delegate from Court Plymouth No. 75.

At the Newburg church Children's Day exercises will be held. Parents having children whom they will present for baptism are cordially invited to be present.

It is now well known that no more than one case of rheumatism in ten requires any internal treatment whatever. All that is needed is a free application of Chamberlain's Liniment and massaging the parts at each application. Try it and see how quickly it will relieve the pain and soreness. Sold by all dealers. —Adv.

Rev. Caster was a Milford visitor last Sunday.

Blanche Gentz visited friends in Detroit the first of the week.

Mrs. Sarah Bartlett is remodeling her home in North village.

Miss Fanny Lukshe visited relatives in South Lyon last Sunday.

Mrs. Mina Wingard of Wayne, visited at H. J. Fisher's last week.

Mrs. Chas. Stanbro of Salem, visited Miss Emily Barber last Tuesday.

Miss Shields of Detroit, spent last week with Mrs. Frank Shattuck.

Mrs. Olin Briggs of Saline, visited at Frank Shattuck's last Wednesday.

Clem Gill and family of Ann Arbor, were guests at E. O. Huston's last Tuesday.

A large crowd from here attended the ball game at Northville on Decoration Day.

Maynard and Leda Riley of Chicago, were week-end visitors with friends in town.

Mr. and Mrs. J. Cook of Ann Arbor, were guests at Lee Nowland's last Friday.

Mr. and Mrs. Kinnon and family of Detroit, visited at Jesse McLeod's last Sunday.

Mrs. Chas. Draper and Miss Viva Willis visited friends in Detroit over Sunday.

Dr. and Mrs. J. J. Travis were week-end guests of Mr. and Mrs. Ward at Base Lake.

Miss Audela Weatherhead of Pontiac, visited at R. G. Samsen's the latter part of last week.

Mrs. O. A. Fraser and Mrs. Fanny Coleman visited Mrs. Clara Frisbee at Chelsea last Tuesday.

The Misses Blanche and Bess Olsaver of Rushton, visited their sister, Mrs. R. G. Samsen last Sunday.

Mr. and Mrs. John Newman have returned to their home in Detroit after a week's visit at Chas. Gentz's.

Mrs. John Henderson of Saginaw, and Mrs. E. C. Starrett of Detroit, were Plymouth visitors last Monday.

Frank Merkerson and Mr. and Mrs. Chas. Promenschenko of Detroit, were over Sunday guests at Louis Schale's.

Mrs. M. A. Patterson and Mrs. Arthur Todd are attending the State W. C. T. U. Convention held in the Church of Our Father in Detroit this week.

Drs. J. J. Travis and J. Olsaver wish to announce that their offices will be closed every Wednesday afternoon during the months of June, July and August.

FOR SALE—A gasoline water heater. Enquire of W. T. Pettingill.

A CARD—Fraser M. Smith and family desire to thank their many friends for their kindness in their recent bereavement.

I am agent for all magazines and I will meet any reliable offer and see that you get your magazines as promised. Why not telephone me before placing your order? I can surely please you. Frank W. Beals, telephone 166, Plymouth, Michigan.

Auto Truck For Sale

We have for sale a Reo Model H \$750 truck that is now doing the work of four horses, drawing milk from Elm to Detroit. This trip would take a team all day, while the truck makes two trips in nearly half the time the horses make one. It only consumes five gallons of gasoline and one pint of cylinder oil for the two trips. This truck will be sold at a bargain if sold at once.

Hemenway & Wilson Commercial Hotel, Plymouth.

Wants, For Sale, To Rent, etc.

Sc. per Line, One Insertion

FOR RENT—Eight acres of pasture land. Edwin Barber, Box 22-Route 4.

LOST—A heavy gold pin with sapphire set, either on some of the streets in the village or at the cemetery. A reward will be given for its return to Miss White, 105 Penniman avenue.

FOR SALE—My home, corner of Penniman ave. and Harvey streets. Also my 38-horse power auto. A. W. Chaffee.

FOR SALE—Peony blossoms, all colors, 20 cents doz. 3 for 5 cents. Cora Pelham. Phone 103.

FOR SALE—The John Ward place opposite the park. For particulars enquire of Mrs. E. L. Higgs.

FOR SALE—Horse, two buggies one single harness and one set of light driving harness. E. R. Daggett, phone 249 1L-2S.

FOR RENT—House and lot on Holbrook avenue, 122. Would like to live with family. Lafayette Dean.

FOR SALE—A house and lot at 22 Harvey street. Enquire within.

FOR RENT—A good house newly papered and painted and in good repair all through. Enquire of Harry C. Bennett.

FOR RENT—A cottage at Walled Lake. Enquire of Mrs. M. Ladd.

C. G. DRAPER

JEWELER and OPTOMETRIST.

Eyes accurately fitted with Glasses. Prices Reasonable. Give us a trial. Office opposite D. C. R. Waiting Room Plymouth, Mich.

SUMMER TERM

From June 30th merges into the Fall Term from September 1st in all departments of the well-known Detroit Business University. Write for particulars and for a copy of our new catalogue. E. R. Shaw, President, New University Building, 5-71 West Grand River, Detroit, Mich.

MURRAY'S

The only Candy and Post Card Store and Ice Cream Parlor in Plymouth.

School Supplies

Stationery

Paper Napkins

Crepe Paper

Paper Doilies

Sherbert Cups

Postal Albums

Lowney's and Schrafts Chocolates

Home-made Candy

a Specialty

Special attention given to orders for Sherbert and Ice Cream for entertainments.

GALE'S.

Come and see the New 100-piece Dinner Sets

AT GALE'S

2 Sets at \$9.00 each and one at \$14.00

The \$14.00 Set is a stock pattern. You can buy any part of the set at a time.

Phone 16 **JOHN L. GALE**



THE HOME of Quality Groceries

If We Please You ONCE WE KNOW WE MAY AT LEAST EXPECT

To Have the Pleasure of Pleasing You Again

Hence Our Care In Purchasing Quality Goods!

Brown & Pettingill,

THE WHITE FRONT GROCERY Telephone No. 40. Free Delivery



Your Next Order....

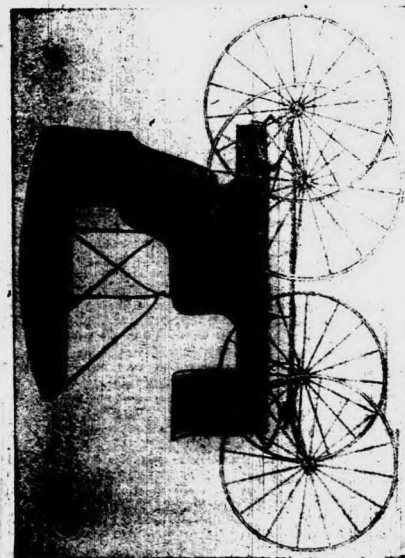
will certainly contain some of these articles. You should profit by letting us fill that order for we carry nothing but the best of standard grades in every one of these articles.

Extra Fine Butter

Either dairy or creamery—all A No. 1 stock, nothing but the best at 35c per pound. In order to make your meals "tasty" you absolutely need some of this fine butter. We are receiving about 200 pounds every week from a northern shipping point where the good "butter makers" come from. Try it.

D. A. JOLLIFFE & SON

BOTH 'PHONES



The Emerson-Brantingham Buggies

We have a fine line of these famous Buggies all ready for your inspection, and we are sure we can please you both in style and price. See us before buying.

Gayde & Fisher

Warerooms and Office at H. J. Fisher's Blacksmith Shop.

Plymouth North Village

At The New Meat Market

You Can Get the Choicest Cuts of

Fresh and Salt Meats

Try our Home-made Sausage. It is fine.

Try our Pure Home-rendered Lard and you will use no other.

PHONE US YOUR ORDERS.

STRENG BROS.

Local Phone Free Delivery

Just Received

2 Cars of Drain Tile
1 Car of American Fence
1 Car of Cedar Fence Posts

Don't forget, we handle a complete line of merchandise

Our line of Shoes is more complete than ever. Many new spring styles.

Everything in Groceries, Dry Goods and Hardware at low prices.

This is the time of the year to brighten up. We handle Sherwin-Williams house and barn paints and Boydell Bros. colors for inside work.

If it is cheap elsewhere—it is cheaper here.

BENTLEY BROS.

Both 'Phones ELM, MICH.

Central Meat Market

Call Central Meat Market, phone 23, for

Choice Meats,

Smoked Meats of all Kinds,

Home Made Bologna and Sausages.

Try them and you won't eat any other.

FRANK RAMBO, Manager

BOTH PHONES FREE DELIVERY

TRY PLYMOUTH MAIL LINERS—IT PAYS

READ the ADS

PLYMOUTHMAIL

L. B. SAMSEN, Mgr. PLYMOUTH, MICHIGAN

MARKS BORNE BY CRIMINALS

Colorado Professor Tells How They May Be Distinguished From Their Fellow Citizens.

If you meet a man coming down the street whose nose is large and aquiline and perhaps a bit twisted, whose lips are swollen and protruding and whose ears are large, with large lobes, it might be just as well to look at him and take to your heels, for in all probability that man is a murderer—potentially if not actually.

If a man raises his hat and displays a plentiful thatch of hair, if it is not gray, if his forehead recedes and his skull is abnormally large, coming to a noticeable point, you can be sure that you have diagnosed his case correctly and can accelerate your pace without laying yourself open to the charge of cowardice.

At least that is what Prof. Frederick A. Bushee says, and he ought to know, says the Denver Post, for he holds the chair of sociology at the state university. The thief has the same egglike head that marks the murderer and the same long arms and big ears, but he can be distinguished by his flattened nose. His face is apt to show many wrinkles, especially on the side of the face and in the forehead, probably caused by the shape of the skull. This is a mark of all born criminals, as is the depression at the base of the skull, which probably indicates a similar depression in the brain.

The swindler can be recognized by his thin lips. His features will probably be asymmetrical, one side of the face being different from the other. This characteristic is not confined to swindlers or to criminals, but is one of the traits generally found in conjunction with the others mentioned.

If a man is bald or gray haired, and according to the professor, you can be reasonably certain that he is not a born criminal. Of course he may be of a class of unscrupulous money makers, but he can't blame his wrong doing on heredity.

Uncle Rastus, Mr. Thompson explained, was employed on a farm in Virginia, where there was a prize bull that became so ferocious that the owner was compelled to send for a veterinary surgeon and have his horns cut off.

Uncle Rastus viewed the proceeding with evident satisfaction from a safe place in the stable, and when the sharp horns had been rendered harmless he rushed up and seized the veterinarian's hand.

"I see cert'ly glad, doctah," he gratefully exclaimed, "dat yo' hab done gone an' cut offen dat bull's horns!" "You are, are you?" jestingly responded the veterinarian. "Why are you so glad about it?"

"I am jes' dis way, doctah," explained Rastus, with considerable feeling. "I see too old to climb trees an' I see too young to die."

Ancient Arithmetic. An Auburn, Me., man is the owner of a rare old historical document in the form of an arithmetic composed and written by Thomas Chace, while in an English prison in 1778. He was an American sailor during the revolution and was captured by an English man-of-war and taken to Mill prison, where he remained for several months before making his escape. He finally managed to elude his guards and crossed the British channel to France, where he joined Paul Jones and continued to fight for his country until the close of the war. While a captive he amused himself by writing this mathematical work.

Detector for Lost Pipes. An apparatus for detecting the position of underground pipes, which is being introduced in England, consists of an electrical vibrator, induction coil and telegraph receiver. In using the instrument an electric current is produced in the lost pipe by connecting a battery to the nearest points of the pipe above ground, such as taps and fire hydrants, and the position of the pipe is determined through the electric field which then surrounds it, inducing a current in the detector coil when the latter is brought within its influence. The coil is connected to the telephone, and the nearer the coil is to the pipe the louder is the sound heard in the receiver.

Going Straight. Mrs. Bacon—This paper says that blind horses are never known to make a mistake in their diet while grazing. Like all other horses, they are guided by the nostrils in the selection of proper food.

Mr. Bacon—Well, it's a good rule for human beings, too.

"What?" "To follow your nose."

"I Should Worry." Mrs. Crimmonbeak—I see there are 130,000 dry goods stores in the United States, and of these 27,000 are department stores.

Mr. Crimmonbeak—And yet some women profess to find nothing to occupy their time.

No Unseen Blush There! Gray had just written "Pull many a flower in haste to blush unseen."

"Not on your life," he assured him "Smith's chickens can see them 'neath bushes under ground."

LETTER FROM THE STATE CAPITOL

MICHIGAN MAN HAS DEVISED SYSTEM OF TRAINING MILITIAMEN.

EMPLOYEES OF INSURANCE DEPARTMENT UNCERTAIN.

State Bacteriologist Condemns the Fiedmann Cure for Tuberculosis and Will Recommend That It Be Prohibited By Law.

[By Gurd M. Hayes.]

Major M. J. Phillips, of Owosso, inspector of small arms practice of the Michigan National Guard has devised a system of training the state militiamen to shoot and to select rifle teams for the international contest at Camp Perry, that has been approved by the war department.

In commenting on the proposition of the war department in a bulletin says: "Rifle practice is primarily intended to develop the firing ability of all members of an organization and not for the purpose of developing a few expert shots. In war, the enlisted man is the one who fires the rifle and his training in its use is the main object sought. Company officers should be good rifle shots, so that by example, and by their knowledge, they lecturing the competitors for a rifle team, it is suggested that some system be adopted by means of which, not only will the best shots be chosen, but the maximum amount of instruction will be given.

The state of Michigan has adopted a system of selectin competitors for their teams to represent the state in the international rifle shoot to be held in August, which should produce the best shots in the state, and at the same time stimulate military efficiency. For the tryout, each organization armed with the rifle will send one man; regimental commanders to select the candidate from the staff, and company commanders from their organizations, taking into consideration the following qualifications: Marksmanship, attendance at drill, soldierly appearance, intelligence, ability to teach, cheerfulness and military courtesy. At the tryout which will be held in July, 12 competitors will be chosen from high aggregate scores and three selected by the team captains. It is considered that this state has adopted methods along the right lines."

Employees of the insurance department are awaiting with considerable trepidation the arrival of John T. Winslip, of Saginaw, the newly appointed commissioner of insurance, who succeeds C. A. Palmer as head of this important state department July 1. If the new commissioner of insurance assumed the role of lord high executioner a number of heads would be lopped off and several choice jobs will fall to the democrats who control this department of the state government for the first time in more than 20 years. Should Winslip shake the patronage tree a number of choice plums will fall, including a deputyship which pays \$2,500 per year, a deputy fire marshal at a salary of \$2,000 per year, two actuaries at \$1,800 per year, a \$1,500 chief clerkship and a number of \$1,000 positions.

There is considerable patronage to distribute in the insurance department and it is believed that there will be rewards for the faithful when Winslip assumes the reins of office the first day of July. The salary of the insurance commissioner under a law passed at the session of 1911 is \$4,500, but he is not permitted to retain any. Previous to the passage of the new law the insurance commissioner's salary was \$2,500 per year, but the old statute enabled him to retain fees amounting to about \$6,500 each year.

Winslip is exceedingly much regarding the policy to be pursued after July 1. It is possible that Deputy Herbert Orr may be retained as he is an experienced insurance man and it is pointed out that the new commissioner will need a few assistants who are familiar with the details of the department. Deputy Fire Marshal Wolf will walk the plank, it is claimed, and it is expected that many of the clerical positions now filled by republican office holders will be turned over to the democrats. In addition to the deputy there will be about 24 places at the disposal of the new administration. The newly appointed commissioner was a newspaper publisher at Saginaw for a number of years and was once nominated as the democratic candidate for United States senator. He has never held a public office of any kind.

State Bacteriologist M. L. Holm until recently had carefully refrained from passing judgment on Dr. Friedmann's alleged cure for tuberculosis, but he now shares the opinion of many other prominent physicians that the German scientist is the rarest kind of a faker and proposes a bill to be introduced at the next session of the legislature that will prevent Dr. Friedmann and others with alleged consumption cures from applying upon the

men and women of Michigan who are fighting the white plague.

When Friedmann's alleged cure was first called to the attention of the public Dr. Holm was asked whether he considered that the German physician a medical faker. At that time Dr. Holm carefully avoided making any comment, claiming that it was always possible that some one would discover a cure. However, the tactics employed by Dr. Friedmann when he arrived in America did not have the effect of stimulating the confidence of the state bacteriologist, but still he was charitable and did not make a snap judgment.

However, when Friedmann refused to make known his alleged cure or demonstrate it to the satisfaction of the United States authorities, Dr. Holm immediately arrived at the conclusion that Friedmann was simply another good advertiser who was making easy money from a gullible public.

If a special session of the legislature is called next winter Dr. Holm will urge Governor Ferris to recommend the passage of a bill patterned after the federal law for the registration of serums, and if there is no special session the proposition will come up for consideration at the next regular meeting of the lawmakers.

METCALF TO BE PANAMA GOVERNOR

EDITOR OF BRYAN'S COMMONER APPOINTED BY THE PRESIDENT.

COL. GOETHALS WAS CHOICE OF EX-PRESIDENT TAFT.

Metcalfe Has Been in Newspaper Work All of His Life and Tried for Governorship of Nebraska in Last Campaign.

Richard I. Metcalfe, of Lincoln, Neb., editor of W. J. Bryan's weekly journal, The Commoner, was selected by President Wilson to be civil governor of the Panama canal zone.

This was announced by Secretary Garrison after he and Secretaries Bryan and Daniels had conferred with the president.

President Taft had expressed a desire to appoint Col. George Goethals, the builder of the canal, to be the first governor of the zone, but the Democrats in the senate served notice they would not confirm Goethals' appointment.

President Taft then said he would leave the post for the Democrats to fill.

Sec. Daniels and Sec. Garrison joined in urging the appointment. Mr. Metcalfe has been in newspaper work all his life and came into national political prominence during the campaign of 1896 as spokesman for Mr. Bryan. Last year he ran in the primaries on the Democratic ticket for governor of Nebraska, but lost.

Metcalfe played the part of silent press agent to Wm. J. Bryan when the latter was gaining fame, and with his trenchant pen helped largely to build up the reputation Bryan has enjoyed.

Dominion Will Be Represented.

Canada is likely to shortly send a representative to Washington. It is understood that as a result of the visit to Ottawa of Sir Cecil Spring-Rice, British ambassador at Washington, the Dominion government will in the future have an official attaché to the British embassy at the United States capital. When in Ottawa and elsewhere in the past international issues have had to be discussed with Washington there has been certain drawbacks on account of Canada not being directly represented at Washington. Officials at the American capital have from time to time had to ask for the preparation of memoranda pertaining to this country by officials here. This has caused delay.

Counterfeit Money in China.

The detection of a gigantic scheme to flood China with counterfeit currency is given as the reason for his visit to the United States by Liao Ngauton, special representative of the republic and of Chinese bankers.

Until a month ago, Liao said, the Chinese believed their currency system satisfactory. Then a flood of counterfeit notes led to the discovery of a spurious printing establishment in Japan. The American system of issuing currency and bank notes will be made the basis of future Chinese issues.

Holds All Altitude Records.

The world's altitude record for an aeroplane carrying a passenger and pilot was broken by Edmund Perreyon, the French aviator, who rose 16,268 feet or 3 1-10 miles. Perreyon also holds the world's altitude record for an aeroplane carrying only a pilot, having risen 18,650 feet at Buc, March 13, this year.

Inherits A Large Fortune.

Mrs. Hanna, wife of a policeman of Portland, Ireland, received news that she and her sister, who is living in St. Louis, inherit \$2,000,000 left by her brother, H. R. Lytle, assistant secretary of the Mississippi Valley Trust company, who died a month ago.

The Michigan State Telephone Co. will spend \$23,000 in rebuilding its lines between Kalamazoo and Paw Paw.

According to the report of the Michigan free employment office at Kalamazoo, there were 1,000 applications for work during May.

Kalamazoo has begun construction of a new municipal lighting plant. The plant will be one of the largest of its kind in the state and when finished will be not only large enough to furnish the city with power for all of its street lights, but there will be sufficient electricity left to sell.

Directors of Grand Traverse Region Bar association elected C. B. Dye secretary to succeed H. B. Montague, resigned. It was also decided to add a boys' department, where farm products raised by them and articles of handicraft will be exhibited in classes.

The first of the 40 miles of good roads to be constructed in Calhoun county under the county road system has been completed. The road being from Marshall to Duck Lake, Marango township. Twelve county prisoners who received 25 cents a day completed the job.

THE MARKETS.

Live Stock, Grain and General Farm Produce.

Detroit Live Stock

Cattle: Receipts, 335; market strong at last week's and Tuesday's prices. We quote: Best steers, \$8@8 25; steers and heifers, 1,000 to 1,200 lbs, \$7 75@8; steers and heifers, 800 to 1,000 lbs, \$7@7 50; steers and heifers that are fat, 500 to 700 lbs, \$5 50@6 50; choice fat cows, \$6 25@7; good fat cows, \$5 75@6; common cows, \$5@5 50; canners, \$3 75@4 25; choice heavy bulls, \$6 50@6 75; fair to good bologna bulls, \$6@6 25; stock bulls, \$5 25@6; choice feeding steers, 800 to 1,000 lbs, 6 75@7 25; fair feeding steers, 800 to 1,000 lbs, \$6@6 50; choice stockers, 500 to 700 lbs, \$6 75@7; fair stockers, 500 to 700 lbs, \$5 75@6 25; stock heifers, \$5@5 50; milkers, large, young, medium age, \$6@6 70; common milkers, \$3 50@5 50.

Veal calves—Receipts, 388; market steady at Tuesday's advance; best, \$9 50@10; others, \$5 50@8.

Milk cows and springers steady. Sheep and lambs—Receipts, 757; market steady at Tuesday's prices; best lambs, \$7 40@7 50; fair lambs, \$6 75@7; common lambs, \$4 75@5; fair to good sheep, \$5 50@5 75; culls and common, \$2 50@3 50.

Hogs—Receipts, 2,309; pigs steady; other grades 10c lower than on Tuesday. Range of prices: Light to good butchers, \$8 45; pigs, 8 75; light Yorkers, \$8 65; stags one-third off.

EAST BUFFALO: Receipts of cattle, 150 cars; market 10c@20c lower; best 1,250 to 1,500-lb steers, \$8 15@8 40; best 1,200 to 1,300-lb, \$8 05@8 15; best to prime 1,150 to 1,200-lb steers, \$7 75@8 10; coarse and plain weighty steers, \$7 50@7 75; good to choice handy steers, \$7 80@8; medium butcher steers, \$7 85@8; light common butcher cows, \$6 50@6 75; light butcher cows, \$5 50@6; trimmers, \$4 45; best fat heifers, \$7 50@8; medium butcher heifers, \$7 60@7 85; light and common heifers, \$6 75@7; stock heifers, \$6 50@6 75; best feeding steers, \$7 50@7 75; light and common stockers, \$5 50@6; prime heavy bulls, \$7 50@7 75; best butcher bulls, \$7 25@7 50; bologna bulls, \$6 75@7; stock bulls, \$5 50@6; best milkers and springers, \$7 50@100; common kind do, \$4 00@5 50.

Hogs: Receipts, 110 cars; market steady; all good grades, \$9; roughs, \$7 70@8; stags \$6@7.

Sheep and lambs—Receipts, 53 cars; market slow and 15c@25c lower; top lambs, \$7 25; culls to fair, \$4 75; yearlings, \$6 50@6 75; weathers, \$5 75@6; ewes, \$5 45@5 75; cull sheep, \$3 75@4.

Calves low at \$5@10 50.

Grains, Etc.

Wheat—Cash No. 2 red, \$1 09 3-4; May opened without change at \$1 10 1-2 declined to \$1 10 1-4, advanced to \$1 10 1-2 and closed at \$1 09 3-4; July opened at \$3 14c, touched \$3, advanced to \$3 34c, and closed at \$2 1-2; Sept; opened at \$3 14c, advanced to \$3 4c; advanced to \$3 4c and closed at \$2 1-2; No. 1 white, \$1 08 3-4.

Corn—Cash No. 3, \$1 59 1-2; No. 2 yellow, \$1 12 1-2; Oats—Standard, 2 cars at \$1 2c; offered at \$2, closing at \$2 1-2; No. 3 white, 2 cars at \$1 1c; at \$1 1-2c; No. 4 white, 2 cars at \$1 1-2c.

Rye—Cash No. 2, \$3 12c. Beans—Immediate, prompt, May and June shipment, \$2 05.

Flour—In one-eight paper sacks, per 196 pounds, jobbing lots: Best patent, \$5 70; second patent, \$5 20; straight, \$5; spring wheat patent, \$5 10; rye, \$4 50 per bbl.

Feed—In 100-lb sacks, jobbing lots: Bran, \$2 1/2; coarse middlings, \$2 1/2; fine middlings, \$2 1/2; cracked corn, \$2 5/8; coarse cornmeal, \$2 5/8; corn and oat chop, \$2 1/2 per ton.

General Markets

Strawberries—\$3@3 50 per 24-quart case.

Apples—Steele Red, \$4 50@5; Ben Davis, \$3 40 per bbl; western, \$2@2 50 per box.

Tomatoes—Florida, \$4@4 50 per crate, \$8@8 50 per basket.

Dressed; Calves—Choice, 10@11c fancy, 12 1-2@13c per lb.

Onions—60@60c per bu. Texas Bermudas, \$1 10 per crate.

Cabbage—New, \$3@3 25 per crate. Potatoes—Michigan, car lots in sacks, 60@65c; store lots, 70@80c per bushel.

Live Poultry—Broilers \$3@3 25; spring chickens, 10 1-2@17c; hens, 11 1-2@17c; No. 2 hens, 11@12c; old rosters, 10@11c; turkeys, 17@18c; geese, 11@12c; ducks, 16@17c per lb. New Potatoes—Bermuda, \$7 per bbl; Florida, \$5 75@6 per bbl.

Hay—Carlots, truck Detroit: No. 1 timothy, \$14 50@15; No. 2 timothy, \$12@13; light mixed, \$13 50@14; No. 1 mixed, \$12@13; rye straw, \$9@10; wheat and oat straw, \$8@8 50 per ton.

Honey—Choice to fancy white comb, 17@18c; amber, 14@15c; extracted, 7@8c per pound.

Hides—Not cured, 13c; No. 1 green, 10 1-2c; No. 1 cured bulls, 11; No. 1 green bulls, 9c; No. 1 cured veal kip, 15c; No. 1 green veal kip, 13c; No. 1 cured murrain, 12c; No. 1 green murrain, 10c; No. 1 cured calf, 17 1-2c; No. 1 green calf, 16c; No. 2 kip and calf 1 1-2c off; No. 2 hides 1c off; No. 1 horsehides, \$4; No. 2 horsehides, \$3; sheepskins, as to amount of wool, 60c @ \$1 50; lambs, 20@30c.

BACK YARD FARMER

Interesting Pointers on Gardening for the City Man or Suburbanite.

WHAT TO PLANT AND WHEN

Advice by an Expert on Agricultural Matters—A Back Yard Orchard—Tools for the Garden—Cold Frame for Fall.

By PROF. JOHN WILLARD BOLTE.

Why not have an orchard of your own? Why spend your leisure moments for the next few weeks, day-dreaming of pink and white blooms, and sun-kissed peaches, ripe and luscious to ship, and just good enough for city visitors to eat and eat until their teeth are on edge.

Let us see what we can do by way of an orchard in that back lot of yours. There is hardly a back yard in this whole town that would not grow fruit of some kind if handled in the right way. The main thing is to have the desire to grow it and then to find out that highly essential thing, the right way.

Of course, what you grow is a matter of choice, as there are several kinds of fruit for every set of conditions.

If your space is very small, but is well exposed to the sun, you can certainly grow currants and most of the bush berries nicely. Besides beautifying your back yard, they will yield you a crop every year, and will furnish you with an abundance of fresh fruit and delicious jellies and preserves.

One nice thing about these low shrubs is that they require very little work, they are inexpensive to plant, and they grow well in practically any soil and climate. They can be transplanted successfully at almost any time of year, although the spring or fall are preferable. They come into bearing quickly and do not have off years as do many of the tree fruits.

If you have a rather rich, yet light soil, which warms up quickly in the spring, a strawberry patch will give you more keen pleasure and profit than any other patch of ground on the whole place. It should have the warmest and driest, sunny spot in the yard. April is the best month to set out a strawberry bed in the north, and care should be taken to secure plants from some bed that was set out the previous spring. This bed will not have begun to bear yet, and the plants will be strong and insure you of healthy, productive plants for your new bed.

It is an excellent scheme to have at least one row of grapes. They can well be planted along the west or south side of a fence or house, and may be trained to cover the entire fence. When this is not possible, set up a row of fence posts, string three smooth wire between them, and tie the young grape vines to the wires in order to keep them off the ground. Besides their edible virtues, grape vines possess the highest decorative qualities, and should be planted more generally, if for this reason only. The Concord is one of the best varieties for northern states, and if part of them fall to ripen before frost, they can be made into excellent pickles, preserves or home made wine.

In the tree fruits, nothing is more popular than the sour red cherry. It is hardy, prolific, subject to few pests and it makes the best pies in America. All one has to do is to plant the young tree and let nature take her course. You will find the fruit a great treat.

Peaches, plums and apples can all be grown successfully, and the last two are almost independent of climatic conditions, but peaches are not so universally successful in the north. Pears do excellently under proper treatment, and magnificent pears can be grown by following the English fashion of training a pear tree flat against the south side of a brick wall, where it receives the reflected as well as the direct heat of the sun's rays.

"Garden Tools."

Kipling says that a soldier is no better than his feet, and it is equally true that a gardener is no better than his tools. Much muscle, time and perspiration is being wasted at this very moment because of the use of improper tools, or the misuse of the proper ones for the purpose. Most of this waste of time is due to lack of information about tools on the part of the user, and the misinformed purchaser can secure little intelligent information from the average hardware clerk, as most of them seem to have been recently promoted from the ribbon department or the soda fountain.

It is much easier to do garden work with sharp tools. Every stroke is clean and true and it goes where it is sent with half the effort a dull tool requires.

The American factory mechanic is reputed to spend three times as much of his time sharpening his tools as do the European workmen, but he produces nearly twice as much finished product thereby. The same principle applies to the use of garden tools. Keep them sharp and in good working order.

A flat, fine file is mighty handy to have about. With it you can sharpen your hoe, spade, trowel, cultivator teeth, grass shears and lawn mower. The file will make an ideal cutting edge on these tools and this edge should have a perfectly flat bevel, at

an angle or about 45 degrees. Hold the tool firmly and use a little machine oil to help the file cut the steel.

Of course, edged tools, like the sickle, scythe, and pruning shears, have to be ground on a grindstone or emery stone, and then resharpened from time to time with a whetstone. The bevel of the edge must be as acute as possible on this class of tools.

The best tool for spading up soil is not the spade, but the spading fork. It penetrates the soil much easier and pulverizes it more in turning over. If the spade is preferred, it should have as flat a blade as possible, to prevent clogging.

The hoe is the most useful tool in the small garden and it should have a large and heavy blade. The additional width will do more work with the same number of strokes and the heavy head does more effective work because of its added momentum.

A rake is of rather small importance after the seed is once planted, but it is an excellent and practically indispensable implement for leveling and pulverizing the seed bed. Use a cast iron rake of the narrow type. The wide ones are too hard to handle.

For the larger garden, a hand cultivator or wheel hoe is fine and a great time and muscle saver. With it the entire garden can be hoed easily in the same length of time one takes to hoe a tenth of it by hand. We prefer the single, high wheeled type, which runs between the rows, as it will work close enough and pushes easier. Work it with the cultivator teeth early in the season to loosen the soil and force the roots to grow deeply, changing to the weed cutting, horizontal blades later on. It is a real pleasure to cultivate the garden with one of these machines and they cost only a couple of dollars.

A Cold Frame for Fall.

It is really remarkable what results can be had in the garden long after the frost comes, by the use of a properly built cold frame. The most satisfactory frame we have used is made in sections, three by six feet—the number of sections to be used depending on how much space you want to devote to late plants.

The cold frame is nothing more than four boards nailed together to make the sides, and it should slope slightly toward the south. This is then covered with sash, made of light wood, covered with cloth. Water proof material may be gotten for this latter from most of the large seed stores, and is preferable on account of its durability.

Success with cold frames in the fall depends on getting your plant well started before the frosts come. A good plan is to build your frame work, and a good size would be six by twelve feet. This would require four cloth frames to cover it, and the total expense should not exceed five dollars for materials. Inside this inclosure can be planted any late summer vegetable that you want to raise. If the sun is particularly hot, put the cover frames on during the middle of the day, but otherwise just give the plants the same attention you would if planted in the spring.

When danger of frost is at hand, put the cover frames on every night, taking them off in the morning, but when the weather gets still colder, leave these cover frames on all the time. You will be surprised at the excellent crop of late vegetables you will have when all your neighbors' gardens are desolate.

If you want to have vegetables all through the winter, you must replace the cloth frames with glass about November 1, and by this means some of the hardier plants, like radishes, beets, string beans and onions, can be had practically all winter, though it will probably be well for winter use to bank your frame all around with fresh horse manure, which would turn your cold frame into a hot frame.

Among the flowers, violets, pansies, English daisies and primroses all will grow well during the winter in a cold frame covered with glass.

Good Horse Sense. If old corn fodder is used for bedding the shredded article is better than the stalks; it is more comfortable for the horse and is worked more easily through the manure spreader.

A pregnant mare should always be kept in a box stall. It is afraid to lie down in the ordinary stall for fear of not being able to rise again and this constant standing up is very harmful.

In mild weather mares must be kept in the open sheds outside, both day and night. Each mare should have a special place where it is tied to receive its grain feed. If fed from an ordinary trough, the more vicious mares may kick the others and gobble most of the feed. Roughage may safely be fed from racks in the yard.

Killing Fowls.

The French poultier kills his fowls by dislocating the neck with a swift back chuck given close to the head. At once the dressing begins so that it may be completed before the body cools. The legs and wings are tucked close to the body which is placed breast downward against a board. A moist cloth is spread on the back which imparts a fine grain appearance to the flesh. A weight is applied to secure the required market firmness and when thoroughly cold the birds removed, packed carefully and closely in crates or cases according to their destination.

Care of the Breeding Herd.

By getting the breeding herd well conditioned when every kind of farm grown feed is available, it is possible to get them through the winter in good breeding and growing condition.

June the Month of Roses

THE MONTH OF GRADUATION
THE MONTH OF WEDDINGS

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Detroit United Lines

Plymouth Time Table
Effective May 27, 1913

EAST BOUND
Via Detroit via Wayne 5:50 a.m. and every hour to 11:30 p.m. also 9:44 p.m. and 11:30 p.m. change at Wayne.

NORTH BOUND
Leave Plymouth for Northville 6:08 a.m. and every hour to 7:18 p.m. also 9:08 a.m. and 10:41 p.m.
Leave Detroit for Plymouth 6:59 a.m. and every hour to 3:30 p.m. 7:30 p.m. also 9 p.m. and 11 p.m.
Leave Wayne for Plymouth 5:44 a.m. and every hour to 9:44 p.m. 11:30 p.m. and 12 midnight.
Cars connect at Wayne for Ypsilanti and points west to Jackson.

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Local News

Hemenway & Wilson have sold a two ton Reo truck to Elm parties.
Mr. and Mrs. H. W. Harding, Miss Harding, Mr. and Mrs. Cal. Huyette and Mrs. Ward, all of Detroit, were guests of Mr. and Mrs. Sheffield Sunday evening.

Mesdames Shafer, Pinckney, Gates, Ray, and Miss Myrtle White pleasantly entertained at cards about thirty of the Lady Macabees at their hall last week Thursday afternoon.

Arna Gedy who went to Port Huron a few months ago to act as superintendent of the Port Huron city line will remove to Ypsilanti where he has accepted a position as local superintendent of the Detroit, Jackson and Chicago line.

Paul Voorhies had the misfortune to have his automobile stolen from in front of the County building in Detroit last week Tuesday. Up to the present time no trace of it has been found but the police are confident that it can be located.

The survivors of the 4th Michigan Cavalry will meet in the court room of the city hall, Lansing, Tuesday, June 17th, 1913, at 1:30 p. m. There will be a camp fire and banquet in the evening. Comrades are invited to come and bring their families.

OBITUARY.

Gertrude Alexander Smith was born Jan. 19th, 1861. For 12 years she was a teacher in her home district, Livonia township, where she was loved by her scholars and many friends. She was married to Fraser Smith in 1906 and after seven happy years of wedded life, she passed away suddenly, May 25th, at her home on Church street. The floral offerings from her friends were many and beautiful. She was laid to rest in the Livonia cemetery by the side of her father and sister. She leaves a husband, Fraser M. Smith; a mother, Mrs. K. L. Alexander; two brothers, Edwin T. Alexander of Chicago, and Robert C. Alexander of Detroit.

Pere Marquette Railroad

To accommodate persons who may wish to spend the day at any of the points intermediate between Detroit and Grand Rapids, a special train will be run on Sunday, June 15th, from Detroit to Grand Rapids and return, making all intermediate stops, leaving Plymouth at 8:15 A. M. going west and at 10:13 P. M. going east.

Regular tickets, either one way or return, will be sold for this train. Ask local agent for full particulars.

W. E. Wolfenden,
General Passenger Agent.

Memories of the Past

In This Paper Twenty-five Years Ago Today.

The Plymouth air rifle company sent out to the trade their first guns on Tuesday.

Several baskets of flowers were sent to Detroit from this place last week to decorate the soldier's monument.

Charles Holloway has returned to Northville for the season, where he is employed in the school furniture shops.

The trustees of the Methodist church, at Newburg gave their old church building to the young people for use as a hall for entertainments. As the society had another church they had no use for the one mentioned, and generously donated it as above mentioned, notwithstanding the report gone out that it was sold.

Charles H. Bennett and Frank B. Park have secured the right to sell Hart & Linder's patent hay and grain unloader in Lenawee, Hillsdale and Jackson counties and left Tuesday for their field of operations. The invention is said to be an excellent thing and as there is nothing too good for the "boys," we trust that they may meet with abundant success.

Considerable excitement was created in the vicinity of the postoffice, Monday morning, by the cry of fire. In a shed in the rear of the building was quite a quantity of waste paper, the accumulation from the postoffice, and it is supposed that someone stepped in there with a lighted cigar, a spark from which set fire to the paper. At any rate the fire was under a good head way when it was discovered and had it not been for plenty of help and a good well within twenty-five feet of it, a destructive fire would have been the result. In another portion of the shed was a barrel and a crock of kerosene oil belonging to Harry Bennett, which he endeavored to get out. He rolled the barrel out in good shape and started back after the crock of oil. While bringing that out, some one in their excitement ran against him and the two gallons of oil was transferred from the crock to Harry's clothes. Harry is no swimmer, but is tall enough to wade, and thus escaped drowning.

Elias Briggs' two younger children have been wrestling with the measles for several days.

South Lyon had a \$15,000 fire Tuesday night, burning out Alvord & Co., agricultural implements, \$10,000; T. Dunlap, drugs, \$1,500; D. Dunlap, general merchandise, \$1,500; D. Bennett, \$300; A. G. Barnes, \$500; James Duncan, \$500; J. McDonald, shoe shop, \$150; S. Godfrey, engine house, \$400. There was little or no insurance. It is supposed to have been the work of an incendiary.

NEWBURG.

There was a large attendance at the Decoration Day exercises held in Newburg church. The singing by the choir under the leadership of Miss Anna Youngs was well rendered as was also the recitations and readings. On behalf of the W. R. C. Miss Ada Youngs in a few well chosen words presented the Boy Scouts of Plymouth, with a beautiful flag, which was responded to by their leader, Rev. B. F. Farber, who gave a short outline of what the Boy Scout movement is, which was indeed interesting. The boys were each presented with a miniature flag as a souvenir of the occasion by the Corps president, Mrs. J. King. Rev. Dutton delivered the address of the day, his subject being "The War that Had to Be." Mr. Dutton handled his subject in such a splendid manner that one could almost see the scenes he so ably described. They then marched to the silent city across the way, where with the help of the G. A. R. children from four schools threw flowers on the soldiers graves, while the choir sang "Cover Them Over With Beautiful Flowers." It is pathetic to notice the change wrought from year to year among the veterans of the Civil War.

Among those from away who attended the Decoration Day exercises were: Mr. and Mrs. Warren Brown and daughter Lolo of Milford; Ernest Brown from the northern part of the state; Mrs. Lena Brown Losey and daughter of Saginaw; Mr. and Mrs. Harry Bassett of Jackson; Mrs. Elizabeth Crane, Mr. Mrs. Thomas Davey, Jr. and daughter Beatrice, Wm. Lawson and Mrs. Ed. Rutter of Detroit; Whitney Smith of Lansing besides a number from Plymouth.

Margaret LeVan has been quite ill with pleuro pneumonia for the past week. Her many friends wish for her speedy recovery.

Mr. and Mrs. Hobart Jones of Detroit, were over Sunday guests at the Ryder homestead.

Mrs. R. Barnes went to Salem Tuesday morning to visit her grand-daughter who is very ill.
Henry and Irving Tuttle spent Sunday at the home of Mr. and Mrs. Albert Stevens.

Mrs. Frank Lang and baby girl of Lansing, also Mrs. Roy Lang of Detroit, attended church services last Sunday.

Children's Day will be observed next Sunday at the annual preaching here. Everybody invited.

Comparative Digestibility of Food

Made with different Baking Powders

From a Series of Elaborate Chemical Tests:

A normal quantity of bread (biscuit) was made with each of three different kinds of baking powder—cream of tartar, phosphate, and alum—and submitted separately to the action of the digestive fluid, each for the same length of time.

The relative percentage of the food digested is shown as follows:

Bread made with Royal Cream of Tartar Powder:
100 Per Cent. Digested

Bread made with phosphate powder:
68 1/2 Per Cent. Digested

Bread made with alum powder:
67 1/2 Per Cent. Digested

These tests, which are absolutely reliable and unprejudiced, make plain a fact of great importance to everyone: Food raised with Royal, a cream of tartar Baking Powder, is shown to be entirely digestible, while the alum and phosphate powders are found to largely retard the digestion of the food made from them.

Undigested food is not only wasted food, but it is the source of very many bodily ailments.

W. C. T. U.
There was a good attendance at the meeting last week, held at Mrs. Buny's, some thirty being present, and the program was well carried out.

The next meeting, June 12, is to be a tea meeting and it will be held with the Misses Cors and Nettie Pelham. It will be Flower Mission Day, and a miscellaneous program, including reports of delegates to state convention. The members will please notice the change of the meeting from the program. At a meeting of the Isthmian canal Commissioners held April 24, 1913 the following resolution was adopted: "Resolved, that no license for the sale of intoxicating liquors in the canal zone be granted by the Commissioner for any period beginning on or after July 1, 1913." We are thankful that there will be one exception at least to the statement that "The American Saloon follows the American flag."—Supt. Press.

Chas. Tiffin was a Detroit visitor last Saturday.
Mrs. John Robinson returned home from her Canadian visit Tuesday.
Mrs. Phoebe Shook of Fort Wayne, Ind., is visiting her son Emory Shook and family this week.
Mrs. Eldon Tiffin and two children of Detroit, visited at Chas. Tiffin's on Friday until Sunday. Eldon Tiffin came out Sunday for a visit and accompanied them home.
Mr. and Mrs. C. F. Smith were in Detroit Monday.
About thirty-five guests were present at the shower given for Miss Maude Kenner at the home of Miss Nina Becker Saturday. A short program of recitations was given after which ice cream and cake was served. The bride gift received many useful and beautiful gifts.

Miss Carrie Merritt is to be married to Ivan Dickerson of Salem, Saturday. Miss Merritt has taught a successful school in District No. 7 for two years and has gained many warm friends in this vicinity.
Mrs. Larkins and Miss Carrie Angell of Salem, gave a miscellaneous shower Thursday afternoon at the home of Mrs. Larkins for Miss Carrie Merritt.
Mr. and Mrs. E. Partridge and Little Lynn of Detroit, visited at Melburn Partridge's from Friday until Sunday night.
Mr. and Mrs. Ed. Stuart visited Mr. and Mrs. Tom Gues in Detroit Sunday.

Mr. and Mrs. Melburn Partridge entertained for dinner Sunday, Mr. and Mrs. Jas. Ford and children of Northville; Miss Irene Smith and Harvey, Alice and Howard Wagonabush of Livonia; Mrs. Minnie Wagonabush of Plymouth; Eph. Partridge and family of Detroit, and Otto Wagonabush and family.

There is no real need of anyone being troubled with constipation. Chamberlain's Tablets will cause an agreeable movement of the bowels without any unpleasant effects. Give them a trial. For sale by all dealers.

Notice of Mortgage Sale.
DEFAULT having been made in the conditions of a certain mortgage made by Alexander J. Fattal and Zazel Fattal, husband and wife, of the village of Wayne, county of Wayne and State of Michigan, to John B. Pottingill of the same place, dated the twenty-first day of October, 1911, and recorded in the office of the Register of Deeds for the county of Wayne and State of Michigan, on the first day of November, A. D. 1911, in Liber 88 of Mortgages at page 438, on which said mortgage there is claimed to be due at the date of this notice, the principal and interest, the sum of five hundred and sixteen and 1/2 dollars (\$516.50), and an attorney's fee of ten dollars (\$10.00) as provided for in said mortgage, and no suit or proceedings at law having been instituted to enforce the same, and the same being due and payable, I, the undersigned, as attorney-in-fact, do hereby give notice that I will sell at public auction to the highest bidder, the premises described in the mortgage, to-wit: a certain lot of land situated in the village of Northville, county of Wayne and State of Michigan, bounded as follows: to-wit: the south side of the highway known as South Main street, and running thence westerly along the south side of said highway to the corner of the highway known as North Main street, and thence thence southerly parallel with the said highway about nine (9) rods to the corner of Wing street, and thence southerly along the corner of said Wing street to the corner of North Main street (said lot) thence southerly along the corner of said highway to the place of beginning, containing one (1) acre and two (2) rods of land, more or less. Bidding and receiving of bids for the purchase of the premises shall be held at the office of the undersigned, at the corner of the north side thereof, and extending to the corner of said highway, on the first day of Monday, June 9, 1913, at 10 o'clock in the forenoon. The terms of sale shall be cash, and the purchaser shall be bound to pay the amount due on said mortgage, with six per cent interest thereon, and all legal costs, together with the attorney fee above mentioned, to-wit:

Lead situated in the village of Plymouth, county of Wayne and State of Michigan, described as Commissioners of the southeast corner of lands formerly owned by the estate of John Rogers, deceased, and afterwards owned by Henry W. Baker, and ran middle of the highway known as South Main street, and running thence westerly along the south side of said highway to the corner of the highway known as North Main street, and thence southerly parallel with the said highway about nine (9) rods to the corner of Wing street, and thence southerly along the corner of said Wing street to the corner of North Main street (said lot) thence southerly along the corner of said highway to the place of beginning, containing one (1) acre and two (2) rods of land, more or less. Bidding and receiving of bids for the purchase of the premises shall be held at the office of the undersigned, at the corner of the north side thereof, and extending to the corner of said highway, on the first day of Monday, June 9, 1913, at 10 o'clock in the forenoon. The terms of sale shall be cash, and the purchaser shall be bound to pay the amount due on said mortgage, with six per cent interest thereon, and all legal costs, together with the attorney fee above mentioned, to-wit:

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Commissioner's Notice.
In the matter of the estate of Charles C. Allen deceased. We, the undersigned, having been appointed by the Probate Court for the county of Wayne, Michigan, as Executors of the estate of Charles C. Allen, deceased, and in accordance with the provisions of the will of said Charles C. Allen, we will meet at the office of Voorhies & Dayton, in the village of Plymouth in said county, on Tuesday, the 11th day of June, A. D. 1913, and on Monday the 24th day of June, A. D. 1913, at 10 o'clock P. M. in said county, for the purpose of examining and settling all claims and demands of all persons against said estate, and for the purpose of allowing all claims and demands of all persons against said estate, and for the purpose of settling the estate of said Charles C. Allen, and for the purpose of distributing the assets of said estate to the persons entitled to the same. We will also receive and allow claims against said estate. Dated May 29, 1913.
WILLIAM T. COOPER
JOHN W. HENDERSON
Executors.