In the Arena of Sports

McEwan of West Point.

Football experts rank Captain J. J McEwan of the Army eleven as one of the best centers of the year. Peck of

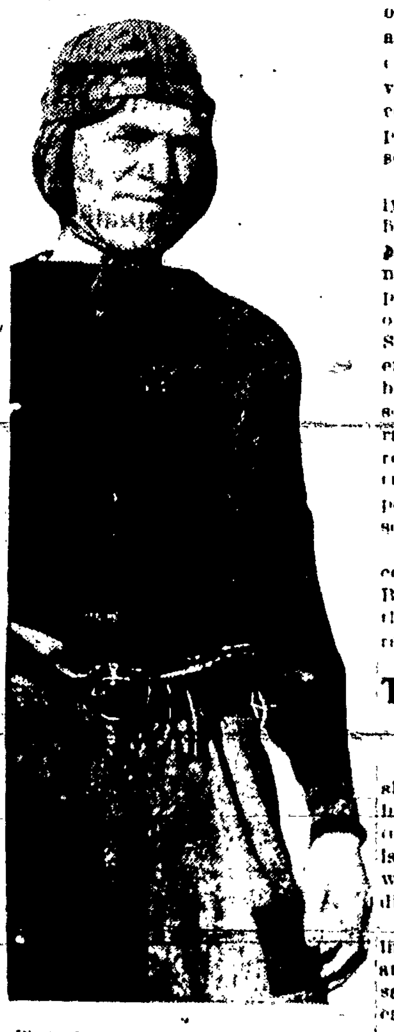


Photo by American Press Association

CAPTAIN J. J. M'EWAN.

Pittsburgh is another center rush who has played great football, and these two are selected as about the best in the position. McEwan did sterling work for his team last year and was chosen captain at the season's end.

Pittsburgh's Rise In Football.

The rise of the University of Pittsburgh in football has been no more rapid than its growth otherwise. Ten years ago 800 students were enrolled there; now the student body numbers 4,000 and the alumni 8,000. About four years ago this institution began to attract some attention as a power in football, but not until Glenn Warner took charge last year did it reach championship proportions. Today the Pittsburgh team is rated as the best in the east, perhaps the best now playing football.

Hockey For Women.

Hockey teams for women will be an innovation which the St. Nicholas rink, New York, will offer the coming winter. Arrangements are under way for the formation of two teams which will begin play as soon as the hockey season opens.

Dorizas Is an Instructor.

Mike Dorizas, who was Pennsylvania's star wrestler, weight hurler and strong man, has been appointed a member of the staff of instructors at the Germantown academy.

How to Drive the Boy Away From the Farm

A certain family in the state of Oklahoma has four members, father, mother and two sons, says the Country Gentleman. Son No. 1 ran away from home some time ago. Son No. 2 joined the Boys Kaffir club in 1915. When the crop was gathered the grain was put into the bin with the father's. The boy heard nothing more of the crop.

In the spring of 1916 he joined the Pig club. The father said: "What are you going to feed your pig? We are short of feed." The boy then got a job with a neighbor for a day or two in order to get money to buy feed. When he came home his father took all his money, not leaving him a cent. The boy, greatly discouraged, went to his mother. He told her that if he failed to come home some time not to worry.

A few weeks ago he was cultivating corn for his father. He did not return in the evening. When the father went to look for him he found the team tied to a fence. The boy was gone. A week later the mother received a card from the boy. He was working for a farmer in Kansas at $25 a month and board.

The father is now trying to secure a hired man to take the place of the boy. He has had two, but they have both been unsatisfactory.

The boy should have been kept at home and in school for a number of years. He is too young to make his own way. Some live stock of his own, a little encouragement, and he would have been there. The boy may turn out bad—no one knows—due to the lack of a mother's guiding hand. Think of the heartaches and worry that would have been prevented had the home been agreeable and the boy remained!

Beef Scrap Necessary to Heavy Egg Production

Protein is essential to heavy egg production, and in just what form to supply this food element is a question that puzzles many farmers, as well as town people who are not in a position to grow their own feed.

Insects in season furnish much protein where the birds are on the range. Poultry feeders have used raw meats or byproducts of packing plants known as beef scraps. As the demand has increased the price of the latter has advanced. Now a few poultry raisers consider it too expensive and are supplying protein through vegetable sources.

Cottonseed meal is the most commonly used substitute, but where this has been given in place of all other heavy protein supplying feeds the result has not been all that could be desired, points out N. L. Harris, superintendent of the poultry farm at the Kansas State Agricultural college. On the other hand, where cottonseed meal has been used as a supplement to beef scrap at the rate of 50 per cent of the ration it apparently has given as good results as an exclusive meat scrap diet. On account of the bulk needed it is impossible for a hen to consume enough sour milk or buttermilk.

Ordinarily the beef scraps should constitute 10 per cent of the ration. Bran, shorts and whole wheat furnish the rest of the protein needed in the ration.

Things Worth Knowing

Bread made with compressed yeast should always be sponged in the morning. If allowed to remain overnight (unless a very small quantity of yeast is used) it will be heavy. In other words, the yeast outgrows itself and dies.

For a small amount of sausage make in this proportion: Five pounds of lean and fat pork, four teaspoonfuls of salt, four of black pepper, one of cayenne, three of powdered sage, one each of thyme and summer savory.

Sometimes folks hate to cook onions and other things that smell pretty loud because the odor stays in the kettle or pan so long. Next time try this: Wash the dish well; drop a good sized piece of paper into the stove and light it, then hold the dish over that a moment and you will wonder what has become of that onion smell.

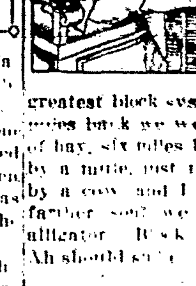
Ever have your overshoes pull off in the mud? Provoking, isn't it? The next time slip a heavy rubber band around the overshoes, over the instep. This is not a bit unsightly and takes only a minute. If necessary, the band may be doubled to make it tight enough. Try it.

Boiled linseed oil is the finest thing for genuine old mahogany, as it hardens and preserves the wood. Pour the oil on to a pad of soft flannel and well rub the wood. If there are any cracks in the wood the oil will fill these and harden. Wipe off the superfluous oil and polish with a dry soft cloth. A little vinegar added to the oil will make a bright, clean, dry finish.

Light as Chaff

System Well Blocked.

He was traveling on a branch railroad in the north. After a series of sudden bumps and unexpected stops he became uneasy.



"Look here," he said to the porter, "is this train safe?"

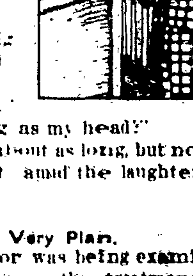
"It sure am," said the porter.

"Well, have they a block system on this road?"

"Block system, sah? We hab de greatest block system in de world. Ten miles back we were blocked by a load of hay, six miles back we were blocked by a mule, just now we were blocked by a cow, and I reckon when we get farther south we'll be blocked by an alligator. Block system, boss? Well, Ah should say!"

The Size of the Missile.

Paddy, being examined in a case where the defendant was charged with breaking a plate glass window with a large stone, was pressed to explain the size of the stone.



"Was it as big as my fist?" asked the judge.

"Sure, it was larger," Pat replied.

"Was it as big as my two fists together?"

"It was larger."

"Was it as big as my head?"

"Sure it was about as long, but not so thick," said Pat amid the laughter of the court.

His Very Plan.

A quack doctor was being examined at an inquest upon the treatment of a patient who had been in his care.

"I gave him ipecacuanha," he said.

"You might just as well have given him the aurora borealis," replied the coroner.

"Indeed, your honor, an' that's just what I'd have given him next, if he hadn't unfortunately died."

New Head of Division Of Militia Affairs

Brigadier General William A. Mann, the new chief of the division of militia affairs in the war department, was until recently in command of the Second brigade, United States army, on the Mexican border. He succeeds the late

Photo by American Press Association.

BRIGADIER GENERAL WILLIAM A. MANN.

General Albert L. Mills. General Mann is a native of Pennsylvania and is an officer of wide experience. He participated in the Indian wars in years when frontier duty meant plenty of fighting. He also took part in the Cuban campaign during the Spanish war and later went to the Philippines. There he saw much active service and was for a time chief of staff of the division of the Philippines. He was promoted to the rank of brigadier general in January, 1915.

THE SCHOOL OF LIFE.

We have roamed the fields together,
Love and I,
In the s[illegible] summer weather
Neath a golden sky.
We have walked in woe together,
Grief and I,
In the sad November weather
Neath a leaden sky,
And I wonder which of these
Better taught life's mysteries.
Walter G. Doty.

Mother's Doll Story

Dorothy Goes Skating

There was once a beautiful doll by the name of Dorothy.

She lived in a big house with her mamma, and she always had very pretty clothes to wear. She was also a pretty doll to dress, so her mamma had a great deal of fun trying on and taking off and buttoning and unbuttoning stylish pink and blue clothes.

One beautiful day in autumn Dorothy's mamma got an invitation to visit her grandma. So she dressed Dorothy all up in a nice brown velvet coat and a little white hat ready to go.

"Now, my dear," said Dorothy's mamma, "run out on the porch and play while I get dressed myself."

So Dorothy skipped out into the cool air. The first thing she saw was a nice mud puddle all skimmed over with the first ice she had ever seen.

"What a lovely place to slide," thought Dorothy.

So she ran hard as she could to slide across the ice. But splash! she went right into the mud, for the ice was very thin and only covered the mud under it. Of course Dorothy spoiled her brown velvet coat and the visit. But the next day she and her mamma visited the grandma for a happy week.

Yes or No.

Players are arranged in any suitable grouping. One chosen to be "it" says that he has in mind some famous place, object or person, for example, the rock of Gibraltar. One player after another asks a question which can only be answered by yes or no, for instance, "Is it made of wood?" "No." "Is it made of stone?" "Yes." "Is it in this country?" "No." Questions are continued in this way until finally the object is located. The player who asks the question which reveals what the object is becomes "it."

Air, Earth and Water.

This may be played in the parlor or out of doors. Players are seated in a circle. One player stands in the center and calls out to some one in the circle, "Air, earth or water—bird," and then counts to ten. If the player in the circle does not answer "air" before the center player counts ten he must take the place of the center player, and the game goes on, objects found on earth, air and in water being mentioned in the same manner.

The Wood Fire.

A wood fire does so many things—
It boils the kettle till it sings;
It roasts the chestnuts, pops the corn
And stays alive from night till morn.
When I've been out in rain and snows
It warms me and it dries my clothes.
At twilight time I sit and look—
The wood fire is a picture book.
—Philadelphia Record.

HOW To Have Flowers Blooming Indoors All Winter Long

If people living in cities knew how easily they might have flowers blooming all winter every home would be cheered by these loveliest of decorations. The requisite articles are one or more boxes, a sprayer, some good soil and the plants.

The box should be about eight inches deep by ten wide and of any required length. The material may be pottery, which is handsome, but somewhat expensive, or iron with false bottom for drainage. Wooden boxes are as good as any if painted inside and out with two coats of some neutral color. Place in the bottom of the box an inch or two of coarse stones, broken pottery, etc., to facilitate drainage.

A tin pan to set the box in will keep the brackets clean. It can be secured from a tinsmith.

The box can be mounted on brackets or on a portable stand, the latter is preferable because it permits the box to be moved easily from room to room for spraying and also to be turned with its best side outward.

The chief difficulty with house plants is lack of moisture. However, if the plants are well soaked once a week by placing the boxes on their sides in a bathtub of warm water for ten minutes the roots will have sufficient moisture, and by spraying the foliage well with water every other day and occasionally with kerosene emulsion the plants will be free from insects.

Obtain a good top soil from a florist. Make four inch pots from strong brown paper and put a plant in each pot, filling the pot with soil. Put two inches of soil in the bottom of the window box over the broken pottery, place the potted plants on this bed of earth and pack the space between the pots with soft soil and moss. This helps to retain the moisture and keeps the soil damp.

Satisfactory plants for winter blooming are cyclamens, geraniums, heliotrope, flowering maples, callas, tulips, primula, malacoides, narcissus, etc.

Some good climbing plants are English and German ivy, cobaea, Japanese hops, smilax and madeira vine.

When plants are wanted for winter blooming they must not be allowed to bloom through the summer. Their buds during this season must be pinched off as fast as they appear.

A few plants drooping over the front improve the appearance of the box. Tradescantia, English ivy, sweet alyssum and mahernia odorata are a few that are suitable for this purpose.

The only care plants need aside from spraying, which is very important, and soaking is a fairly even temperature, from 50 to 65 degrees in daytime and not less than 50 degrees at night. If weather is very cold cover them at night with a few newspapers. Admit air on mild days, but remove plants to some distance while windows are open.

PLANTING LILIES.

Why and How They Should Be Planted In the Fall.

Most lilies do best planted in the autumn. If left until spring the planting is very likely to be done too late in the season.

It pays to take pains in making a lily bed, and if best results are wanted, for small beds remove eighteen inches of soil. Turn over the bottom of the bed with a garden fork and cover this soil with six inches of the good topsoil. On the topsoil spread two inches of dried sheep or stable manure sold by seedsmen. Turn this over with a garden fork so as to thoroughly incorporate the manure and layer of topsoil, leveling it with a rake. This done, cover the whole evenly with six inches of coarse sand. Place the lily bulbs on the sand, setting them a foot or more apart each way.

When the bulbs are all in position cover them to a depth of six inches with soil. Never use manure so it will come in contact with the bulbs.

How to Have Homemade Silver Cleaners Without Elbow Grease.

To clean silver by the electrolytic method it is not necessary to buy any of the expensive pans and plates for sale. Any aluminum quart cup, saucepan or dishpan you may have will do as well. Add a teaspoonful of kitchen salt and one of bicarbonate of soda to a quart of water. Place silver in pan when water boils and be sure it touches the aluminum utensil and is not inclined in the water.

An inexpensive silver powder is whiting. Ten cents' worth at any paint shop will last about a year. A teaspoonful of whiting dissolved in half a cupful of water, then rub on all silver to be cleaned. Begin again with the first piece and rub off with a bit of flannel. In case of deep carving rinse the article if necessary.

Why Pillows Should Not Be Too High.

"Of all the thousands of patients I have seen in bed I have never met with one who arranged his pillows hygienically," said an eminent doctor. "All too high, far too high. High pillows curve the spine, bend the neck and thus prevent the free circulation of blood in the brain. You can never get the full value out of a night's sleep unless you fix your pillow so low that the head and neck are just on a level line with the spine."

How to Get a True Bias Without Too Much Fussing.

To obtain a true bias place the material flat on the cutting table and with a ruler or a yardstick laid across one corner draw a line with chalk or colored pencil. Use this line for a guide in cutting.

THE SPEED OF SHIPS.

Influence of the Depth of Water and the "Wave of Translation."

On first thought the sea's depth seems of little importance if the ship finds depth enough to give her an easy draft. If she can run free apparently it makes little difference whether she has six feet or 600 feet between her keel and the bottom. Such an inference is, however, erroneous, for the depth exercises an important influence.

The British cruisers Blake and Blenheim were expected to run twenty-one knots, but actually ran two knots less in shallow water. They ran again under the same power, but the depth was between 135 and 165 feet, and their speed was twenty-two knots, one knot in excess of the maximum calculation.

The difference in speed is attributed to the influence of the "wave of translation" displaced by the ship as she moves forward, which acts as a brake. The nearer the ship's keel to the bottom the stronger the friction. A ship drawing twenty-seven feet of water—say a ship of 12,000 tonnage—feels that friction over a depth of 250 feet. According to some calculations, the dragging influence ceases to be felt at a depth equal to ten and one-half times the draft if the ship stands high out of the water.

A curious feature of the matter is that the speed of the ship is as important an element as the depth of the water—that is to say, the influence of the depth on the ship's speed is more or less powerful in proportion as the speed is great. A ship increases her speed more readily over deep water, but, on the other hand, the faster a ship goes the more depth of water she requires to prevent the hindrance caused by the dragging influence of the friction which is always felt when the ship's keel "senses" bottom.

Running ten knots an hour, a ship must have between twenty-six and twenty-seven feet of depth or she is dragged from below. If running twenty knots she needs a depth of 104 to 105 feet, and when running thirty knots she feels the drag over a depth of nearly 324 feet.—Exchange.

ODD WAYS OF USING GOLD.

They Didn't Impress the Man Who Had None to Squander.

"I reckon I would be liable to be as many different kinds of fool as almost anybody else if I should suddenly get possession of a large amount of money," said the man in straitened circumstances. "I have noticed that people who are so fortunate as to do that often show remarkable versatility in their choice of ridiculous performances. The very ability to realize desires that have long been held in abeyance by lack of means seems sometimes to develop absurdities in a man's nature which no one else would suspect if he had remained poor.

"Sometimes a man will do things that are not really absurd, but only seem whimsical. I knew one man who, when he received an unexpected legacy, bought himself twenty-five pairs of shoes with the first money he spent. He said the one greatest inconvenience of poverty to him had always been the wearing of old shoes.

"Another man I once knew certainly did provoke mirth among his acquaintances when he had all the stovepipes in his house gilded before he spent any of his new money for anything else. I don't know that he was any more foolish than one of the multimillionaires I read about who had the handrail of the grand stairway of his country house covered with a casing of solid gold. One seems about as grotesque as the other to me.

"And there is another thing I wouldn't do. It came to my mind recently when my wife showed me a piano in a store window. It was entirely covered with gold or what looked like gold. I agreed with her that it was pretty, but I said that I would not care to have it in our house.

"Gold is certainly a good thing to have, and I'd like to have a lot of it, but I don't think I'd like to have it too much in evidence all the time."—New York Sun.

Old Mexican Legend.

The early Tarascans, a Mexican tribe, once possessed the art, now lost, of tempering copper. One of their legends is not far removed from the Bible story of Noah. According to them, Trezpi—their Noah—escaped an all destroying flood in a great boat laden with animals. Even the story of the dove is closely followed, for Trezpi sent forth first a vulture and then a humming bird, and so ascertained that dry land existed.

Helping Out.

"And has your daughter's course in domestic science interested her any in the housework?"

"To some extent. Occasionally she condescends to show her mother wherein old fashioned methods are all wrong."—Kansas City Journal.

Dubious Outlook.

"I understand you have a new neighbor. Do you expect to be friendly with him?"

"I hope for the best, but he has five little boys, and my library windows are in an exposed position."—Birmingham Age-Herald.

Two of a Kind.

"Everything I have in this world I owe to my wife."

"I'm almost like you too. Everything I owe in this world my wife bought."—Detroit Free Press.

Olive Tree.

The olive tree lives better under water than any other plant which is not aquatic.

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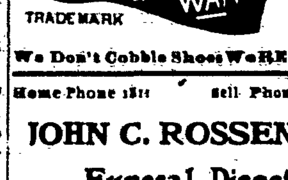

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