vided by the food. Hence, the

**Phosphorus and Rickets** 

of the chest and pelvic bones, as

well as the more familiar bow

years in discovering how to pre-

vic bones were deformed by rick-

**A Low-Phosphorus Diet** 

It was found that rickets may

be associated with a low-phosphor-

us diet, even when the calcium

also determined that there is a

seasonal tide of blood phosphorus

which corresponds to the amount

of available sunlight. This led to

which we now know helps the body

to manufacture vitamin D-is

closely related to the proper uti-

lization of phosphorus. And today

can be prevented, or cured, by a

diet containing liberal amounts of

D. Vitamin D can be obtained

from direct sunshine, but where

Burnt Aluminum .-- If you burn

burnt part will rise to the top like

For Glue Stains .- White vinegar

Life's Battle

WE ARE constantly speaking of the "struggle for life," and

calling life "a battle"; but we do

not see that our very existence,

and the fact that we have a battle

to fight, are due to the struggles

and triumphs of those who have

gone before us. We think that

But such thoughts are altogeth-

ing of the same destiny; and it is

in fulfilling ours, and entering well

into the struggle for life as ar-

ranged for us, that we do our part

toward perpetuating the moral life

We are descendants, and some-

Years in Moments

At certain periods of life we live

years of emotion in a few weeks,

and the new .- Thackeray.

will remove glue stains.

scum and leave the saucepan

ets in their early years.

legs and knock-knees.

If a child's diet is deficient in

# Windsors Mark **2ndAnniversary**

Two years ago, on June 3, 1937. a king married a commoner at Monts, France. Still exiled from his native England, apparently resigned to a life of inconse-quence, the duke of Windsor lives contentedly in France with his American born wife, the former Mrs. Wallis Warfield Simpson. Some day he hopes to return to England with "the wo-man 1 love." Meanwhile the Windsors make the most of an uncomfortable situation.



Above: They frequently appear at public ceremonies, as when this picture was taken with Maxime Real del Sarte, who presented them with his medallion of Queen Victoria, which will become part of a monument to be erected at Biarritz. Right: An unusual camera study of the duchess.

Picture

Parade



# C. Houston Goudiss Describes the Role of Phosphorus In Nutrition; Tells Where to Obtain This Mineral

## By C. HOUSTON GOUDISS

HERE are at least 11 different mineral salts which are essential to the structure or functioning of the human body. But of these, only four-calcium, phosphorus, iron and iodine-require the careful consideration of the homemaker. That is because a diet which furnishes adequate amounts of these four will automatically provide the others. But when the diet is deficient in any one of these four minerals, disastrous consequences \*

may result.

It is therefore of the utmost greater need for this mineral durimportance that every homemak- ing childhood. er should know something of their functions, and what foods supply them. In this article, we shall deal specifically with phosphosphorus or calcium, or if conditions are not favorable for their proper absorption, rickets will ocphorus. cur. This devastating nutritional

**Versatile Phosphorus** It has been said that if the biographies of the elements could be

written, that of phosphorus would be the most interesting of all. That is because there are 14 different ways in which compounds of phosphorus may function in the body. In fact, it is doubtful if any other inorganic element enters into such a diversity of

compounds or plays an important part in so many functions. This mineral is indispensable for all the active tissues of the body and likewise helps in regulating the neutrality of the blood. It is found abundantly in nerve tissue. **Needed for Teeth and Bones** 

Its most significant role, however, is to team with calcium in giving rigidity to the bones and teeth. Approximately 90 per cent the realization that sunlightof the total phosphorus of the body and 99 per cent of the calcium are found in the bones and teeth

Both these minerals are required it is well established that rickets in generous amounts, but almost twice as much phosphorus as calcium should be supplied every phosphorus, calcium and vitamin day. Moreover, children should have about one-and-one-half times as much phosphorus as adults, to this is not available in adequate meet the requirements for growth. amounts, cod-liver oil, irradiated

The muscles and soft tissues foods, or those fortified with a need phosphorus as well as the vitamin D concentrate will supply bones, and in the dietary of the this necessary substance. child, they must share with the As we approach the season when ones, the phosphorus that is pro- the greatest amount of sunshine

is available, homemakers should see to it that not only the children, but every member of the family spend as much time as possible in the sunlight. This will help to promote the proper utilization of phosphorus and calcium. And both teeth and bones will benefit, as well as the general health.

WHAT to EAT and WHY HOW TO SE

### Where to Find Phosphorus

Every homemaker should acquaint herself with the foods that supply phosphorus most abundanty, so that she will be prepared to include this mineral in the diet every day. Egg yolk and dried beans are both valuable sources of phosphorus. So are whole grain cereals and lean meats. In fact, cereals and meats have this in common-both are rich in phosphorus and deficient in calcium. Whole grain breads are likewise important for their phosphorus content. And on a percentage badisease may result in deformities sis, cheese ranks very high as a carrier of this mineral.

Cocoa also contains a large percentage, though it must be re-Investigators have spent many membered that, as a rule, only small quantities of cocoa are convent and cure this disease which has made life miserable for so sumed at one time. Many nuts, including almonds, peanuts, pemany children and which has farreaching effects that carry over cans and walnuts, furnish signifiinto later life. For example, adults cant amounts. And this mineral who have bow-legs or a pigeon breast as a result of childhood is found in dried fruits such as raisins, figs and prunes, and in rickets, are always self-conscious much smaller quantities in vegebecause of their defects. And tables, such as spinach, cauliflowmotherhood may be far more diffier, string beans, carrots and bruscult for young women whose pelsels sprouts.

Milk supplies phosphorus, though not in such generous amounts as calcium. However, if you follow the rule of a quart of milk daily for every child and a pint for each adult, you will contribute matericontent is high. And investigations ally to the phosphorus and calcium content of the diet.

five bells, what time is it?

7. Is it possible to impeach or

North pole and walk any other

9. What are the verses in the

Bible which seem to prophesy the

The Answers

1. A bridge is usually over wa-

ter, a viaduct usually over land,

RINGE ALBER

**Open All Day!** 

such as a railroad bridge, but an sun.

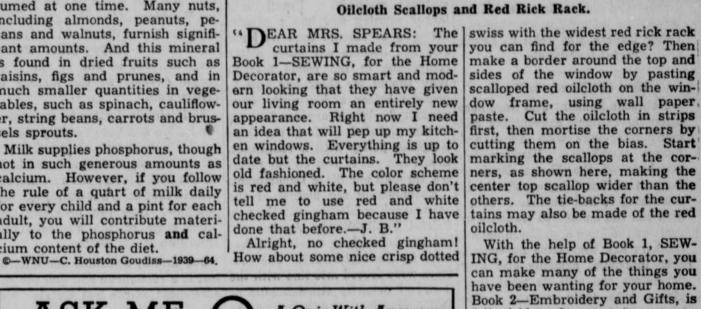
6. Who are the cajuns?

direction than south?

automobile?

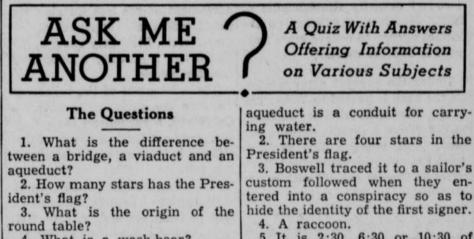
around the sun?

accuse any national officer? 8. Is it possible to stand at the



CREASE CURTAIN HEMS

14 WIDE WITH A HOT IRON



hide the identity of the first signer. 5 It is 2:30, 6:30 or 10:30 of 4. What is a wash-bear? 5 It is 2:30, 6: 5. When a ship's clock strikes the night or day.

the British.

court.

10. Does the sun go around the shall be with flaming torches . . . earth or does the earth rotate The chariots shall rage in the

8. No.

lightnings."

6. Descendants of the Acadians,

banished from Nova Scotia by

7. Yes. The Constitution pro-

vides for the bringing of the im-

peachment by a member of the

house with the senate sitting as a

9. Nahum II, 3-4: "The chariots

streets, they shall jostle one

against another in the broad

torches, they shall run like the

10. The earth goes around the

HAVE YOU GOT WHAT IT TAKES

TO SPIN UP "MAKIN'S" SMOKES FASTER, NEATER?

Western Electric Ortho-Technic Audiphone Air or bone conduction truly produces the original so

ways: they shall seem like to growing crops. It is the key-

by Ruth Wyeth Spears

ners, as shown here, making the

RED OIL CLOTH

MARK

SCALLOPS

BY DRAWING

AROUND A CUP

- CUT OUT

AND PASTE

ON THE

WINDOW

FRAME

RED RICK

STITCH

FROM

RIGHT

SIDE

RACK

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erates in any position.

handicap YOU!



Above: Night club life like this has recently become less important to the Windsors. Left: Grace Moore, American singer, who stirred a controversy among British at the Riviera when she gave the duchess the royal honor of a deep curtsy in public last winter. Below: Last autumn the duke and duchess of Gloucester visited the Windsors in Paris, giving rise to reports that Edward and his wife may soon return to the British Isles.







An Appetizer.-Celery stuffed | with crabmeat salad can be used an aluminum saucepan when cooking, boil an onion in it. The for variety on an appetizer tray.

Keeping Linens White .- Stored linens will not become yellow if clean. the inside of the linen closet is painted a deep blue.

A Good Sink Brush.-A worn whiskbroom makes a fine sink brush if you cut off the worn bristles clear up to the stiff part. Always rinse clean after using.

Heat Brown Sugar .-- If dark or light brown sugar is too hard to measure, heat it in the oven, then measure it quickly while it is soft. Store it in the refrigerator or bread box, where it will remain soft. . . .

some strange thing has happened to us, and that our lot is an un-Prevent Soiled Curtains .- Paint usually hard one. patent clothes pins the color of your decorations in different er unworthy. Our fathers found rooms and use a pair to pin back life as hard a battle as we do, and curtains at night or during showif they had not fought we should ers. This keeps the curtains from being soiled by the screens. not be alive to fight. Every stage of human history is the outwork-

Grease on Carpet .-- Grease can often be removed from the carpet by rubbing with bicarbonate of soda applied with a piece of flannel. Rub well into pile with fingertips and then sweep vigorously of humanity. with a small hand brush.

body is responsible for us. We are \* \* \* progenitors, and we are responsi-Sharp Kitchen Tools .- One of the ble for somebody. most effective aids to speeding up cooking preparations, is to see that paring knives for fruits and

vegetables, and knives for trimming up meats and fowl, are kept sharp. Dull knives not only waste an unbelievable amount of time, and look back in those times as but they are disconcerting to on great gaps between the old life thoughtful planning.

### Jerry on the Job!

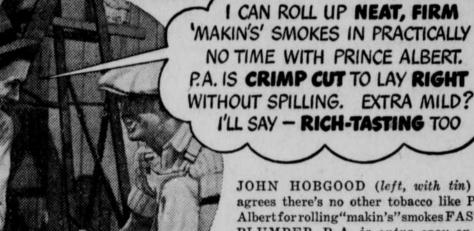
GON

MOVIES CLOSE









NAL JOY SMOKE

THE BIGGES

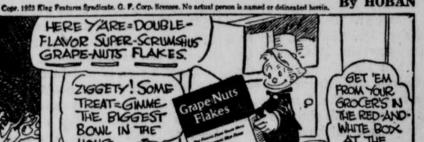
BOWL IN THE

JOHN HOBGOOD (left, with tin) sure agrees there's no other tobacco like Prince Albert for rolling "makin's" smokes FASTER, PLUMPER. P.A. is extra easy on your

tongue, too. It's choice tobacco, "no-bite" treated. Get P. A.'s joy in your papers now!

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P.A. puts r



By HOBAN

