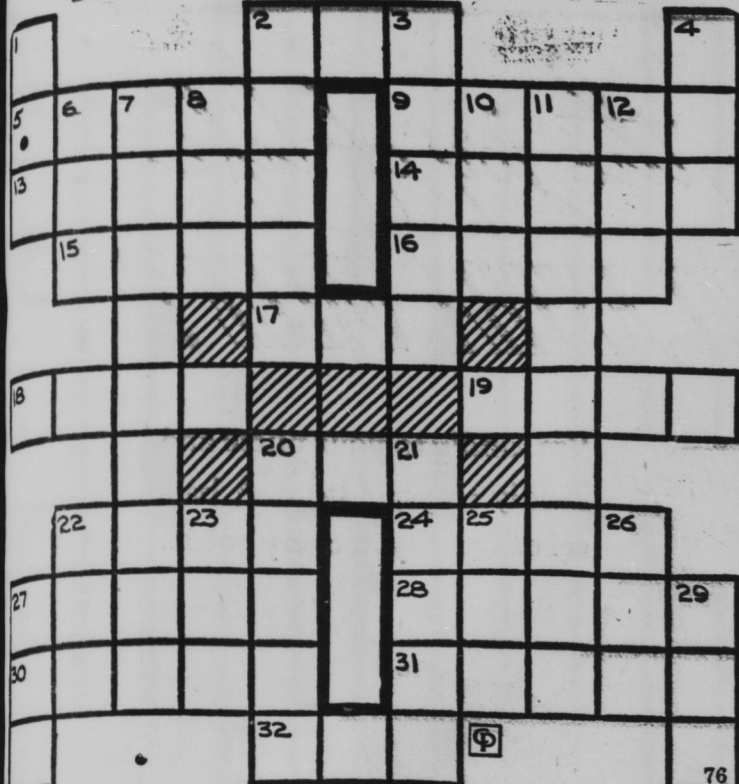


DAILY CROSS WORD PUZZLE



ACROSS

1—Strike the Doctor of Music

2—A cup-shaped spoon with a long handle

3—The color of the hood for the degree of Doctor of Arts and Letters

4—To trim and weed

5—Duration

6—A salt lake in south Australia

7—Assistance

8—The color of the hood for

11—Watered by artificial ditches

12—To score equally

13—To perfume with incense

14—The color of the hood of the degree of Doctor of Library Science

15—A male adult

16—A digit of the foot

17—Nothing equally

18—A number; single in kind

19—The cry of the rook

20—An upward curving plank at the bow of a boat

21—Nothing equally

22—A number; single in kind

23—The cry of the rook

24—An upward curving plank at the bow of a boat

25—Nothing equally

26—A number; single in kind

27—The cry of the rook

28—An upward curving plank at the bow of a boat

29—Nothing equally

30—A number; single in kind

31—The cry of the rook

32—An upward curving plank at the bow of a boat

DOWN

1—A lofty mountain

2—Reddish-orange

3—A river of Feebleshire, Scotland

4—A bishop's office

5—Land measures

6—Containing

7—A varying measure of yarn

8—Exclamation of inquiry

9—None

10—None

11—None

12—None

13—None

14—None

15—None

16—None

17—None

18—None

19—None

20—None

21—None

22—None

23—None

24—None

25—None

26—None

27—None

28—None

29—None

30—None

31—None

32—None

Answer to previous puzzle:

S	L	A	T	I	T	U	D	E
H	O	L	D	E	X	I	L	E
A	H	A	T	R	I	T	E	E
D	O	C	T	O	R	T	A	R
A	T	F	A					
G	R	A	B	R	U	S	S	E
R	O	B	E	O	N	L	E	A
A	D	R	I	F	T	T	A	L
Y	A	L	T	P	O	I	S	E
O	M	I	S	S	I	O	N	S

CONTRACT BRIDGE

AN EXPENSIVE LEAD

THE SELECTION of the correct opening lead often is of paramount importance to defenders. With the lead shown today a bad opening lead cost defenders game, doubled. The only reason it did not cost two tricks more was declarer's poor play. He did not state just what he did, but he could have made two added tricks.

Hand:

♠ K J 9 7 4
♥ J 10 7 6 5 3
♦ 6 3
♣ 10 9 8 5 4 3 2

None
♠ 5 2
♥ Q 9 8 4 2
♦ A K Q J
♣ 10 2

W. N. S.
♠ A Q 7
♥ A K Q 8 6
♦ None
♣ 9 8 7 5 4

Blinding went: South, 1-Heart; West, 1-Spade; North, 2-Diamonds; East, 3-Clubs; South, doubled; West, 4-Hearts, which East doubled and could have defeated four times, had his partner made the opening lead.

An opening lead of a spade would have given East an immediate ruff. Then he would have played one club trick. West might have gained entry by ruffing a low club, after which East would have led the fourth defensive trick, by leading another spade lead.

Nobody knows why West's opening lead was the 10 of hearts. That opening should have yielded declarer two overtricks, had he

played as indicated here. Win the opening lead with dummy's J of hearts. Lead a low diamond. Ruff with declarer's Q. Lead declarer's last low heart. Win with dummy's 9. That will capture both trumps held by defenders.

Lead a low diamond. Ruff with declarer's K. Put dummy in lead with its lone K of spades. At the sixth trick lead a third round of diamonds. Ruff with declarer's Ace, if East covers the J. If he does not do this discard a low club from declarer's hand and lead the 10 of diamonds. As it will do no good for East not to put up his Q, suppose that he covers the J at the sixth trick, and that declarer's last trump ruffs. The next two tricks will go to declarer's Ace and Q of spades, allowing dummy to discard both its clubs.

At the ninth trick dummy will ruff a club lead by declarer, using not its last trump to do this. Lead dummy's good 10 of diamonds. Dummy has a losing diamond to give East's last card of that suit, but this is the only trick defenders will win.

East must lead back a club. Dummy has none of that suit and will use its last trump to gain entry. The last trick of the deal will be taken by dummy's good diamond.

A small slam should result if West made an opening lead of one of his top diamonds. As declarer should ruff with the Q, after which the same plan of play, as given above, will yield defenders only one trick.

THIMBLE THEATRE Starring POPEYE

The 'Cow' Jumped Over The Moon!

By E. C. Segar



BIG SISTER

By LES FORGRAVE



THE OLD HOME TOWN

By STANLEY



SCOTT'S SCRAPBOOK

By R. J. SCOTT



There's Spring Tonic Aplenty In Vegetables and Sunshine

BY LOGAN CLENDENING, M. D.

THE VITAMINS finally got into the U. S. Pharmacopoeia, the eleventh revision, and methods of standardizing them by experiments on animals are described.

In a pharmacological laboratory in North Chicago the other day I saw some white rats which were being prepared to test Vitamin A products. Vitamin A had been excluded from their diet for some time, and when they have attained the eye defects of Vitamin A deficiency, the animals to be tested, such as cod liver oil, is fed them. If they gain weight and their eye conditions improve in a standard period of time, the product is judged potent. It is measured in units on the basis of the weight of the rats, and one gram, about one-fourth of a teaspoon, must contain 600 units to be acceptable.

When animals and humans are given diets deficient in Vitamin A, the mucous membranes dry up and the skin becomes keratinized. Here we have grandmother's scrubby hands and the reason for her feeling that if she could only get "a mess of greens or 'me tubers," she would feel better. The realization of the tuber idea is found in the fact that carrots contain a substance known as carotene, which is the precursor of Vitamin A in the body. Carrots

are changed into Vitamin A by the metabolism of the body and act to prevent all the signs of Vitamin A deficiency.

Vitamin D in Sunshine

Another important vitamin, Vitamin D, is found in the spring sunshine. Rickets, the disease of darkness, appears in the spring after the long winter night, unless the young body (it occurs only in children) is protected by the use of cod liver oil or some similar Vitamin D-containing substance.

Vitamin D also appears in the Pharmacopoeia, and a product which claims to contain it must conform to certain tests made on rats, and contain at least 85 units of "D" per gram.

It is not wise to try to take too much Vitamin D, as large doses of it will result in excessive deposition of calcium salts in the blood vessels and kidneys. Viosterol, a drug which contains large amounts of Vitamin D, is quite potent, and it is estimated that two-millionths of a grain is the daily average maintenance dose.

A new vitamin, F, has been suggested, deficiency of which causes thickening, dryness and roughness of the skin, brittleness and thinning of the hair, and brittleness of the fingernails. Soaps, manicure preparations, hair preparations and face creams have been suggested as suitable agencies for this vitamin.

EDITOR'S NOTE: Seven pamphlets by Dr. Clendening can now be obtained by sending 10 cents in coin, for each, and a self-addressed envelope stamped with a three-cent stamp, to Dr. Logan Clendening, in care of this paper. The pamphlets are: "Three Weeks Reducing Diet," "Indigestion and Constipation," "Regaining and Gaining," "Infant Feeding," "Instructions for the Treatment of Diabetes," "Feminine Hygiene," and "The Care of the Hair and Skin."

ETTA KETT

By PAUL ROBINSON



THE GUMPS JUST TO MAKE SURE

