

COPPER IN FOOD FOUND TO BE GREAT HEALTH HELP

ANEMIA CASES MAY BE CURED BY RED METAL

Experiments on Rats Yield Astonishing Results, Scientists Report.

MORE VITAL THAN IRON

New Discovery May Change Ideas on Dietetics, Stock Feeding.

By Science Service
ANN ARBOR, Mich., April 12.—Copper, the red metal, is an essential factor in the diet to keep the blood red and the body vigorous, a group of University of Wisconsin chemists, headed by Dr. E. B. Hart, announced here this morning at the meeting of the American Society of Biological Chemists.

Copper may become acknowledged as one of the more essential requisites in human nutrition and livestock feeding. The Wisconsin experiments indicate that it exerts a tremendous influence on anemia in rats, a disease similar to anemia in children who have been fed exclusively on milk. The malady in both rat and child is caused by a blood stream.

More Important Than Iron

A shortage of iron has been credited with being responsible for the disorder, and although iron compounds are still limiting factors, their effectiveness, according to Wisconsin investigators, depends on the presence or absence of copper. The investigations covered four years, and Dr. Hart was assisted by his colleagues, Drs. H. Steenbock, C. A. Elvehjem and J. Waddell.

Because milk is notoriously low in iron and hemoglobin is rich in the mineral, it has always been assumed that the way to correct anemia was to add iron to the milk diet.

In the case of animals this plan proved ineffective. The daily feeding of iron, administered as chloride, sulfate, acetate, citrate or phosphate, all prepared from pure iron wire, did not check the decline in the hemoglobin content of the blood. Rate suffering with anemia were not improved.

However, when a supply of iron was obtained by feeding dried liver, or the ash of dried liver, corn, or lettuce, the hemoglobin was raised to normal and the stricken rats immediately restored to health.

Liver Cures Anemia
In ashing the foodstuffs, the investigators noted a pale, bluish color, the typical hue produced when copper compounds are burned. Observation of this peculiar color, in addition to the fact that copper is known to be present in the respiratory pigment, hemocyanin, of certain crustacea, led the chemists to use copper sulphate as a supplement to pure ferric chloride in the whole milk diet.

Striking cures resulted. Rats, so anemic that their days appeared to be numbered, recovered immediately and the hemoglobin in their blood was brought to normal.

"What about pernicious anemia in man?" the chemists asked. Patients suffering with anemia have been told to eat liver, advice which has evidently made a wide impression, judging from the rise in price of what was once poor man's meat. However, some sufferers find liver unpalatable, especially when taken in large quantities. Harvard University scientists have prepared a liver extract which has proved exceedingly efficacious in abating the disease. In the Wisconsin experiments, this product was ashed and fed the anemic rats. When fortified with ferric chloride, it also proved effective in correcting the ailment. Thus this product which has been most successful in treating man corrected the deficiency in rats.

Copper's role in plant and animal tissue is not clearly understood. It is found in milk in small quantities. Its function in produc-

Make Home Show Success



T. E. Grinslade



Walter M. Evans



William Lowe Rice



M. M. Miller

ing hemoglobin is, as Hart stated, idle to speculate. Hemoglobin may not contain copper, at least no evidence to the contrary has yet been produced. In this connection, copper may act as a catalyst, an agent which starts an action without being changed itself. It may promote the building of hemoglobin. Iron functions in a similar manner in the production of chlorophyll, the green pigment of vegetation, although it is not a constituent of the chlorophyll molecule.

Experiments with the use of copper in the diets of anemia patients will be undertaken in the near future at certain leading hospitals. If this organic substance plays the part in the human system that it does in the life of white rats, nutrition specialists will probably give as much consideration to the copper content of foodstuffs as is now paid to some other elements, such as phosphorus, calcium, and iodine. Future experiments at Wisconsin will also approach the problem from this standpoint, as the copper content of animal feeds is known to vary widely.

NEGRO IS SOUGHT IN THREE CITY BURGLARIES

Descriptions Given by Two of Victims Daily, Say Police.

A Negro was believed responsible for three north side burglaries late Wednesday, but police so far have failed to take him into custody. Donald Black, 645 E. Thirty-Third St., described a Negro he saw leaving his garage carrying a tire, tube and mahogany table, value \$15. John M. Casey, 1543 S. Meridian St., collector for a furniture store, saw a Negro leaving the back yard of Walter Evans, 4625 Kenwood Ave. Casey found a rear window broken. Both descriptions tallied. Mrs. Ulysses Lotz, 2226 N. Illinois St., returned home late Wednesday to find \$30 in cash and a \$15 watch taken from her home. Mrs. Henry Haag, 17 E. Regent St., valued sixty chickens taken from her coop at \$60.



J. F. Cantwell

The above men comprise the committee responsible for the success of the 1923 Realtors' Home Show this week in the Manufacturers' Bldg. at State fairground. Crowd records are being broken. The show is one of the three most successful of such institutions in the country.

MRS. NINA C. DOLLENS IS BURIED AT BEDFORD

Native Indiana Woman Dies at Home of Brother Here.

Funeral services for Mrs. Nina C. Dolleens, 48, of Bedford, Ind., was held this afternoon from the home of a brother, Dr. P. W. McCarty, 1922 W. Washington St., followed by burial at Crown Hill cemetery. The Rev. D. T. Scott of Bedford, Ind., where Mrs. Dolleens has lived for the last twenty-three years, officiated.

She was the wife of Dr. Claude Dolleens of Bedford.

A native of Gosport, Spencer County, she was prominent in Bedford during later years in club and church circles.

Surviving are the husband, two sons, Wilbur and Maxwell of Bedford; her mother, Mrs. Dora McCarty, and two sisters, Miss Dollie McCarty and Mrs. Mona Lockhart of Indianapolis, and two brothers, Dr. McCarty and Thomas McCarty of Portland, Ore.

WILL ROGERS TO TALK ON POLITICS, LINDY

Famous Cowboy Humorist Comes Here April 22.

The political situation and Lindy, will be Will Rogers's principal subjects when he appears at the Indiana National Guard Armory April 22 under auspices of the National Guard.

The cowboy-humorist, besides giving his humorous monologue on current events, will tell of his experiences while a guest of the Mexican government with Lindy.

The Koehne Ensemble, an organization of Indianapolis women harpists, will provide the music, Adjutant General William H. Ker-shner announced. Members of the organization are Mrs. Louise Schell-schmidt Koehne, Mrs. Albert Mc-Vain Gaunt, Mrs. Georgia Henley Lacey, Mrs. Grace Marone Ryan, Mrs. Bertha Gehr Miller, Mrs. Inez Van Cleave McNutt and Miss Mar-jorie Call.

Boy Wading in Creek Drowns

By Times Special
COLUMBIA CITY, Ind., April 12.—Ale Goodrich, 7 son of Mr. and Mrs. Donald Goodrich, north of here, was drowned near his home Wednesday afternoon while wading in a creek.

OPEN BIDS ON 35 BRIDGES FOR INDIANA ROADS

Low Estimates for \$325,-272 Falls Below Figures of State Engineers.

Bids for thirty-five bridges to be constructed during 1928 by the State highway department were opened today after 113 proposals had been submitted.

The low bids totaled \$325,272 while the estimate of the highway department engineers was \$365,402.79.

Proposals were: Two bridges on State Rd. 7, Jefferson County, low bid and bid, Harry Hicks, North Vernon, \$10,878; two on State Rd. 10, one on State Rd. 53, Jasper County, Gorman Engineering Company, Hammond, \$13,357; two on State Rd. 10, two on State Rd. 29, in Starke County, and one on State Rd. 29, Pulaski County, Winamac Cement Products Company, Winamac, \$21,655.

Two in Union County
One on State Rd. 24 in Cass County and one on State Rd. 24, Miles County, Fred Perry, Logansport, \$15,376; two on State Rd. 27, Union County, R. L. Schmitt, Indianapolis, \$13,789; one on State Rd. 28, Randolph County, Frank A. Clements, Williamsburg, \$6,214; one on State Rd. 28, Randolph County, Tharp & Tharp, Fountain City, \$13,485.

One on State Rd. 30, Allen County, Wrightman & Gray, Mooreland, \$17,924; two on State Rd. 30, Allen County, Levi Pabst, Woodburn, \$16,697; one on State Rd. 34, Montgomery County, Vincennes Bridge Company, \$4,457; one on State Rd. 37, Monroe County, an overhead over the Monon railroad, near Harrodsburg, Wadsworth & Leonard, Jasonville, \$29,811.

One bid for \$25,241
Three on State Rd. 38, one in Henry and two in Wayne Counties, I. E. Smith Construction Company, Richmond, \$25,241; one on State Rd. 40, Hendricks County, Tharp & Tharp, Fountain City, \$23,673; one on State Rd. 43, Putnam County, David P. Reichard, Crawfordsville, \$5,434; one on State Rd. 45, and one on State Rd. 46 in Spencer County, R. P. Olinger, Huntingburg, \$9,502.

One on State Rd. 46, Brown County, W. C. Ellis, Rockport, \$37,954; one on State Rd. 52, Dearborn County, Vincennes Bridge Company, \$17,421; one on State Rd. 52, Rush County, Vincennes Bridge Company, \$11,971; one on State Rd. 52, Sullivan County, Vincennes Bridge Company, \$14,595; one on State Rd. 65, Posey County, R. P. Olinger, Huntingburg, \$7,540.

DEFER THEFT CASE

Witness Fails to Identify Accused.

Municipal Judge Clifton R. Cameron today took under advisement a petit larceny charge against Carl Cox, 2110 College Ave., when the State's principal witness faltered in his identification of the youth as the one who cashed a stolen \$43 pay check.

The check was stolen from Harry Jones, 961 W. Twenty-Seventh St., Murray Body Corporation employee. Cox also works at the Murray body works.

Cox, detectives charged, bought \$9 worth of ties, shorts and socks at a men's clothing store and received the change.

Robert Brewer, 1601 Fletcher Ave., a clerk in the store, identified Cox as the youth who cashed the check and picked articles he had sold Cox from clothing belonging to Cox and several other youths with whom he rooms, detectives said.

But on the witness stand Brewer was not sure Cox was the man who had cashed the check and was not certain about the clothing.

District P. T. A. in Session
TERRY HAUTE, Ind., April 12.—Dr. Thomas R. Kelly, professor of philosophy, Earlham college, Richmond, was the speaker at the Fifth district Parent-Teacher Association meeting here today.



Mrs. Carl Ernest

"I was rundown in health and was advised to take Dr. Pierce's Favorite Prescription and the 'Golden Medical Discovery.' I did so and in a short time was on the road to health and rid of all the unpleasant feelings. Since then when I notice any such symptoms I take one of these remedies, usually the 'Favorite Prescription,' and it soon puts me in good condition. Dr. Pierce's remedies are unlike most of the other remedies which I tried—with Dr. Pierce's you always obtain benefit."—Mrs. Carl Ernest, 138 Irving St., Peoria, Ill.

Every druggist has these medicines in both fluid and tablet form. Write Dr. Pierce, President of the 'Invalids' Hotel in Buffalo, N. Y., and send 10c for trial pkg. of tablets.—Advertisement.

Family of Five Generations



This quintet ranges from great-great-grandmother to five-months-old baby and represent five generations in direct line assembled at the home of Mrs. Lena Croucher, the baby's great-grandmother, 1509 Gent Ave. They are, left to right: Great-Great-Grandmother Sarah Stewart, 77, of Seymour, Ind.; Great-Grandmother Lena Croucher, 57; Grandmother May Weasner, 36, of 1406 Montclair St.; Mother Sybil Stedman, 21, of 1151 W. Sixteenth St., and Baby Sara Catherine.

BANDITS TAKE \$200, ONE CAR

Hold Up Drug Store, Two Gas Stations.

Bandits obtained \$200 and an automobile in three holdups Wednesday night.

Misses Edith Hightower and Mildred Martin, both of 2146 Park Ave., customers, escaped down the cellar stairs when two armed bandits entered the Harbison drug store at 1534 Central Ave.

Samuel Muir, manager, and three employees held their arms in the air while the bandits looted two cash registers of \$65. J. M. Daniels, 1623 Central Ave., who entered the store as the bandits left, described the automobile in which they made their escape.

Two Negroes held up W. M. Johnston, attendant at the West-end Oil Refining Company filling station at Twenty-Second and Delaware Sts., and took \$10. As the bandits left, Cecil Byrne, 1525 Barth Ave., Clifford Buenagel, 730 Terrace Ave., and Robert Eitel, 1405 Ashland Ave., drove up in a Ford. The bandits forced them from the machine and drove off.

A lone bandit driving a large automobile, held up R. S. Elrod, attendant at the Standard oil filling station at Randolph and Washington Sts.

Times Bathing Beauty Contest Editor, Indianapolis, Ind.:

I hereby enter application in The Times-Indiana Ballroom World Bathing Beauty Contest. In event I am chosen "Miss Indiana," I agree to go to Galveston, Texas, with all expenses paid, and to accept a week's engagement at the Circle Theater if I am selected.

Name.....
Address.....
Telephone Number.....

Kinney's

New Summer Footwear For Men Conservative Models Yet Stylish and at Reasonable Prices

\$2.98
MEN'S Black or Tan Lace oxford, Good year welt construction, brass eyelets, rubber heel.

\$4.98
MEN'S Black or Tan Calfskin, Good year welt construction, heavy outer sole, round brass eyelets, rubber heel.

\$3.98
MEN'S Black or Tan Calfskin, Good year welt construction, brown all eyelets, rubber heel.

\$4.98
MEN'S Black or Tan Calfskin, Good year welt construction, new modified button last, round brass eyelets, folded tip leather heel.

\$3.98
MEN'S Black or Tan Calfskin lace oxford, Good year welt construction, deep fold on tip, round brass eyelets, rubber heel.

\$5.98
MEN'S Snake Elk Plain toe sport oxford, black calfskin saddle, new gro-cord golf sole and heel.

Shoes for the Whole Family

Kinney Shoes

OVER 250 FAMILY STYLES G. R. KINNEY CO. U. S. PAT. FACTORIES

24 North Pennsylvania St.

A COMPLETE SHOE STORE

DENEEN VICTORY BOOSTS C. O. P. STOCK FOR 1928

Crushing Defeat of Smith, 'Big Bill' Is Popular; Aids Lowden.

BY PAUL R. MALLON

WASHINGTON, April 12.—A bulky new figure in the person of Senator Charles S. Deneen will be welcomed into the inner council of Republican leaders here as a result of his smashing victory over William Hale Thompson in the Illinois primary battle for control of the Republican party of that State, council leaders said today.

Deneen will take to the Kansas City convention a bloc of at least forty-seven delegates instructed for former Governor Frank O. Lowden. He won them against Thompson's slate of delegates pledged to seek re-election of President Coolidge. Thompson will have only fourteen delegates.

Republican leaders here generally were more gleeful about the Deneen victory than about any recent political happening. They have never played politically with Thompson and were fearful of what he might do with his Coolidge pledge delegates at the convention. To fill their cup of cheer, they were also thankful to Deneen for the defeat of former Senator-Elect Frank L. Smith of Illinois. Generally it had been feared Smith would be re-elected and would come down to the Senate next session with credentials for his seat, and those who voted last spring and again last December to oust Smith because of his primary campaign expenditures were worried that they would be faced with the political necessity of voting against him annually.

The Curtis-Watson-Dawes group in the Senate is expected to work in harmony with Deneen, and some of their cohorts have even suggested the possibility that he might be considered a possible compromise presidential candidate in event of a deadlock in the convention.

Neither are the Democrats displeased. They foresee the possibility of a split in Illinois Republican ranks in the November election. They talk about the possibility of Thompson joining hands openly or secretly with George Brennan, Democrat leader of the State, to put Al Smith over if he is the Democratic nominee, in return, they say, Brennan might give Thompson some local support.

Full Porcelain Gas Range!

RADIO

Perfectly constructed gas range, as shown, full porcelain with white enameled utensil drawer under the burners. White enameled drip pan and broiler pan. Cast iron oven bottom of the famous "Toncan" iron—rustproof. Especially adapted for artificial fuel economy. A Friday Bargain Sensation—for only.....

\$47.95

\$1.00 Weekly

Natural Tables!
Drop leaf table, ready for decoration—sturdy, corner blocked construction, turned legs, of spread design. Decorated in any two color combinations at small additional cost.

\$4.98

Why not trade in your old Furniture for New

Sagless Spring!
Gray enameled link fabric spring, of excellent resiliency, tightly suspended between heliobols. Choice of any size—at a Friday Bargain Price—

\$4.98

KIRK'S

TWO STORES
22—East Washington Street—311

THREATENING COLD ENDED QUICK WAY

Relieved in Few Hours When Doctor Advised Home Use of Pleasant Method

In one's own home it is now possible to get quick relief—often in a few hours—from a stuffy head cold, cough or chest cold. For doctors who realize the danger of neglecting colds during pneumonia weather are recommending for home use a hospital certified remedy that has brought sure relief to vast numbers of Indianapolis people, yet is inexpensive and pleasant to take.

Miss Marie Dixon, for example, caught a severe head cold which she neglected for several days. It was mild at first, but grew worse, spreading to her chest. Fearing more serious complications then, her father called the doctor, who prescribed double strength doses of Ayer's Cherry Pectoral—a concentrated mixture of wild cherry, terpin hydrate and other ingredients which hospitals have found to be the most effective to end colds.

Relief began almost immediately. In a few hours the "feverish," grippy feeling was gone and after a good night's sleep her head and chest had cleared up almost entirely. In another day or so, her doctor reports, she was as well as ever.



with no trace left of the cold.

Note: See other cases reported daily—all certified by the attending physician.

Doctors recommend Cherry Pectoral because it not only stops coughing spells but penetrates and heals inflamed linings of the breathing passages. Absorbed by the system the medication quickly removes phlegm, helps reduce the "feverish," grippy feeling and drives out the cold from nose passages, throat and chest.

Just a spoonful of Cherry Pectoral today and you will feel like a different person tomorrow. At all druggists, 60c and, twice as much in \$1.00 hospital size.

AYER'S Cherry Pectoral

for COLDS and COUGHS
HOSPITAL CERTIFIED