THE OMAHA SUNDAY BEE: AUGUST 18, 1912.

ECHOES OF THE ANTE ROOM NATURE'S TYPICAL COLORS

Odd Fellow, and Rebekahs Enter "Blood-Red" and "Leaf-Green" in Picnic Proposition with Vim. the Scheme of Animal Life.

UNION TC HAVE NOVEL SOCIAL NUTRITIVE ELEMENTS OF FOOD

Next Saturday Eagles and Their Contrasts in Color Emphasized in Families Will Gather at Court-Their Function in the Living

land Beach for Their

Annual Picnic,

Organism-Sources of Energy.

All of the subordinate and Rebekah lodges of Omaha have entered into the united Odd Fellows' plcnic proposition with a vim. A committee meeting on arangements was held at Odd Fellows' hall lodges and two of the Council Bluffs lodges were represented. It is the intention of the committee in charge to make this one of the biggest picnics of the Frason

State lodge No. 10 will have degree work tomorrow night.

Beacon lodge No. 20 will put on the second degree work next Tuesday evening. The Wasa Social club gave a picnic at East Omaha last Sunday.

South Cmaha lodge No. 148 will have work in the second degree tomorrow night. Dannebrog lodge No. 216 will confer the

third degree upon three candidates next Friday evening Jonathan lodge No. 221 will have work

in the third degree next Friday night.

Novel Social Anounced.

Mondamin lodge No. 111, Fraternal Union of America, will hold an open meeting tomorrow evening in its hall, Twenty-fourth and Parker streets. The gathering will be of the nature of a backward social, and any guest caught doing anything right will be haled before "The Court of Injustice." Everybody is invited.

Engles to Hold Picnic.

Omaha Eagles will gather at Courtland Beach next Saturday for their annual picnic. An elaborate program of athletic events and games is being arranged and the Eagles expect to have a good time. Prominent speakers have been secured to deliver addresses. One of the big cards of the day will be a fiddlers' contest. Mayor Dahlman will be master of ceremonies during the evening.

Yeomen to Have Picnic. The annual basket picnic of the Omaha Homestead of the Brotherhood of American Yeomen will be held this afternoon at Riverview park. All Yeomen are invited to be present with full dinner basksts. There will be free entertainment.

Columbian Circle to Meet. The Columbian Circle will entertain Wednesday afternoon at their hall, Twenty-second and Locust streets. The hostesses will be Mrs. M. F. Murphy and Mrs. P. F. Dennison.

Relief Corps Picnic. U. S. Grant post, Woman's Relief corps, will give a picnic at Hanscom park on Tuesday evening, August 20, at 6 p. m. to the comrades of U. S. Grant post. Grand Army of the Republic. Let all tome.

By SIR RAY LANKESTER. A very obvious complement to "bloodred" is "leaf-green." The latter is typical of plant life as the former is of animal life, and more truly so than appear. last evening at which all of the Omaha at first sight. We have seen that "bloodred" is the great carrier of oxygen, the means whereby an abundant and stead; supply of oxygen is taken up in the breathing organs of higher animals and conveyed to every part of the body, there

to cause that oxidation which is a sort of burning and results in the development of heat and other more important forms of "energy"-activity of various kinds-in the vigorous, rapidly moving. self-assertive animal.

Equally important is leaf-green to the plant, but in a totally different way, and in consequence of that "way" leaf-green proves to be as important also to the animals which live in association with green plants as it is to the plants themselves. Indeed, when we examine carefully what is going on in nature we

find that animals are absolutely dependent for their existence on green plants. The splendid contrast of the colors blood-red and leaf-green is no less emphatic than the contrast of these two substances in their services or function in the living organism.

Substance of Life.

It is solely and entirely in consequence of the possession of this beautiful green

substance, "leaf-green," or "chlorophyll" (from the Greek "chloros," green, and "phyllon," a leaf) that the green plants of all kinds and sizes which clothe the surface of our earth are able, in the first place, to obtain the carbon which forms a necessary part of their food.

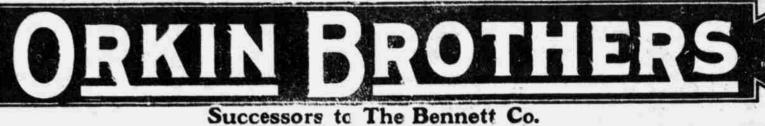
Carbon is, together with hydrogen, oxygen and a little sulphur, combined to form the viscid living substances of all living things, whether plants or animals, which is the chief constituent of "proto-

plasm," or "cell stuff," the substance of life seen with the microscope in the form of "cells" or nucleated corpuscies. when we search out with that instrument the ultimate structure of living things. In order to grow and carry on the life of their cells or corpuscies of protoplasm, living things require supplies of these

elements as "nutrition" or "food." Animals take the whole lot ready prepared for them in combination, either by eating plants or by eating other animals which have eaten plants. They must have it so prepared; they cannot feed on the elements nor on the simple com-

pounds of them. So that animals are strictly and absolutely dependent on plants for their food. "And what do the plants do?" we may ask; "where do they get these organic elements and build them up into chemical combination, so as to furnish food to animals?"

Members of U. S. Grant post, Woman's The first step-the taking by the plant Relief corps, will be given a picnic at Hanscom park Tuesday afternon at understood; indesd, the actual tangible



Forging Ahead by Leaps and Bounds, Winning Public Confidence on Every Side, Gaining a World of New Trade Through

The Sheer Force of Greater Values and Genuine Satisfaction to All

DAY AFTER DAY THIS NEW ORGANIZATION IS YOU'LL SOON SEE MATERIAL EVIDENCE OF OUR MAKING NEW TRADE RECORDS FOR THIS YOU'LL SOON SEE MATERIAL EVIDENCE OF OUR INVITE YOUR PATRONAGE.

Save in Our Great Linen and Bedding Sale

an inventory of your linen stocks today. Come here tomorrow and buy at

a price that affords you wonderful savings on standard linens and bedings.

35c 27-inch and 36-inch narrow and | \$2.98 hemmed stitched pattern table

Hotel men, here's your special advantage in buying supplies. Take

LONG ESTABLISHED STORE. New blood is coursing THE MOST METROPOLITAN STORES IN AMERICA. through every vein of this business. Enthusiasm is at a No stone will be left unturned, no expense will be spared high pitch. We're bending every energy to make this store in transforming this magnificent building into your ideal the most satisfactory trading place in this territory. A of a most modern merchandise establishment. Time will great army of sincere men and women are ready to serve tell, for it takes time to accomplish all these things. Many you right from morn till night. WE RESPECTFULLY innovations are now under way and more will follow. WATCH US GROW-HELP US GROW.

Pay Far Less Than Half Price

for choice of all our lingerie and colored wash dresses.

Monday's Special Offerings are of Genuine Importance to Careful Buyers

FALL STYLES in SMART NEW SILK DRESSES NOW READY. The pleasure of showing these smart new fall garments is second only to your certain pleasure in seeing them. Our great second floor garment store will soon be ready with a complete new fall stock in all lines. Expect many new daily arrivals from now on. See these beautiful new silk dresses Monday.

The New Fall Charmeuse silk | Charmeuse Silk Dresses, trimmed | Ha dresses are unusually attractive. We'll show you an exceptional advance collection. We direct special attention Monday to charmeuse silk dresses with shadow lace collars and cuffs and long sleeves, wide color \$19.50 range-special at

wide welt pique. This has been one of the most popular fabrics of this season. We close out both

medium and light weights 2220

81-inch by 99-inch, turned and hemmed. Regular 95c val- 680 ues. Monday.....

ling reductions to insure quick selling.

with pure white cotton. Special Monday

Women's black pure silk

hose, with garter top and

high spliced heel and

double sole, 50c 290

Women's 25c black, white or tan full seamless 150

grade.....

lisle hose

ues. Monday

with Robespierre lace frill. Also a very new 'tailored effect with patent leather belt, collars and cuffs of white embroidered mull, white ball but- \$25.00 tons, special....

cloths. All pure linen. Size 81-

inch by 66 inch. Spe- \$1.98 ctal Monday.....

\$1.50 per dozen 20-inch x 20-inch

Women's 35c and 50c low

neck and sleeveless 250

andson	ne Crepe	Meteor	Silk !	H
Dresses	, turn dow	n collars	, ce-	
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	Robespierr			8
	Unusual	ly distin	ictive	
dresses		\$27.	EO	
at	and and parts for	J41.	JU	154

igh Class Novelty Crepe meteor and charmeuse silk dresses. beautifully trimmed with lace. tapestry, brocades and Roman stripe effects. Extremely interesting dresses. \$49.50 at \$85.00 to ...

All Lingerie Dresses

All Colored Wash Dresses

Women's \$3.00, \$3.50 and \$4.00 oxfords, ties and pumps, in most leathers and

Women's \$3.00 and \$3.50 shoss, in most sizes of short lines. Gun metals, patents, vici kidskins and white canvas Plenty of styles to select from-

-sizes 81/2 to 11, \$1.50 values "Boys' Scout" shoes, made of very best elkskin; solid, good wearing soles, \$1.69 sizes to 13%, \$2.25 value Men's \$3.50 and \$4.00 oxfords and shoes, in most all leathers and sizes; sev- \$1.95

China Dept. Sale most timely event. Don't miss it Monday. Mason fruit jars, pints, 50r per dozen. Mason fruit jars, quarts, 60c per dozen..... Mason fruit jars, half gallon. 850 per dozen..... One-third pint jelly glasses, 190 per dozen..... Three dinnerware patterns in encrusted gold, paste gold and black gold effects. Your choice at HALF

98c to \$2.98



sizes. All are the poular 1912 \$1.79 models.....

at..... Children's canvas shoes, good quality 790

\$1.69 . \$3.95 Monday **Our Greatest Shoe Clearance** Anticipate your future needs. Many wise mon and women are buying now for next summer's wear as well as today's. We must make room for our \$1.89

PRICE.



lay afternoon at 2 om park Tues p. m., August 20, by their press correspondent, Mrs. Howard Miller, in honor of her birthday.

Fragic End of Woman Recluse Surrounded with Luxuries in New York Flat,

For several months the Clare Arms apartment house at 3,120 Broadway, New York, has been the home of a recluse. Eugenia Leutrel, the 35-year-old daughter of the late State Senator George M. Leuinterest by the neighbors, for she was never known to go upon the street, but remained always within the five rooms of her apartment except for the few moments every evening when she slipped out and paced the dim corridors of the building for exercise.

Sunday afternoon the superintendent pass key and entered.

Stretched on the dining room floor, sons who pressed in after the superintendent, and those who came later when Coroner Winterbottom made his official visit, looked with wonder on the surroundings among which the dead woman lay.

Though she had moved into the apartment at the death of her mother five months ago, not one piece of the fine old furniture had been unpacked. Not one dictionary. You'll need it. thing was in place. The rugs were rolled

milk. On these things she had lived. books found in the suite, Coroner Winter- and a jury recently awarded him a verbottom estimated that Miss Leutrel was dict. Root promptly asked for a new

worth nearly \$130,000. Jeweiry valued at trial. The judge's opinion refusing the nearly \$2.063 was found. It was shown by several tax receipts

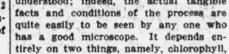
that Miss Leutrel owned real estate in Jacksonville, Fla., as well as in New York City. The assessed value of the Jacksonville property is \$11,000, and that resents the essential principles of jusof the property in New York City, \$88.000. One of the bank books showed that Miss Leutrel had deposited \$21,600 in the United states Mortgage and Trust company. The other bank books were issued by the I'nion Dime Savings Bank, the Emigrant industrial Savings bank and the Harlem branch of the Corn Exchange bank, and showed deposits amounting to about \$9,000. -New York Times.

Index to Intoxication. The late George B. Cluett believed pro-

foundly in temperance. Mr. Cluett, at a temperance dinner, once said:

moonshine districts, where the "In whisky looks like water and is drunk like water, strange ideas prevail as to what intoxication really is.

"In a moonshine village, one Saturday afternoon, a man lay in the broiling sun grounds today," replied his guide. in the middle of the road with an empty bottle by his side. "'He's drunk; lock him up,' the sheriff



or leaf-green and sunlight. Without WORTH \$130.000 AND STARVES light (artificial light can be substituted for sunlight) the plant cannot seize the carbon of carbonic acid and which pervades the air and water around it: only when acted on by light can it perform

this immensely important feat. And a colorless plant, or rather, one should say, a "greenless" plant or the greenless parts of plants, whatever their other colors, cannot do it. It is quite readily shown by simple experiment that only the green trel, who was a Tammany man of power parts of plants-and these only in lightin his day. The woman was watched with | can decompose or break up carbonic acid (which is a simple chemical compound of carbon and oxygen) and seize from it the necessary food element, carbon. Hence the enormous importance of

leaf-green or chlorophyll. The green plants of the world pour daily into the atmosphere millions of gal-

lons of pure oxygen gas. In fact, it is probable that all the oxygen of the atof the building realized that he had not mosphere has come from them. There is seen his strange tenant since Friday. He thus a constant circulation of the carbon made inquiries. No one else had seen and oxygen between plants and animals, her since Friday. He knocked at the the plant building up proteids and liberapartment and got no answer. Finally, ating oxygen, while the animal combines after a deal of worrying, he took his the oxygen with the proteids, profits by

the energy set free by that oxidation, and throws carbonic acid into the air. Miss Leutrel lay dead. The curious per- And all this depends on leaf-green or chlorophyll; without leaf-green this process cannot go on.

JUDGE USED HARD WORDS

Outburst of Jawbreakers Likely to **Boost Recall of the** Dictionary.

If you want to read this get out your Circuit Judge Kinne has handed down up and stood in the corner. Everywhere a decision refusing a new trial in the there was dust, and it seemed as if the case of Leo Felst of New York City broom had not moved in the rooms or the against Frank M. Root of Ann. Arbor. cloth been dusted since the tenant moved Mich. This is an offshoot of the sensain. There were no signs of cooking any- tional Root divorce case, in which both where. It seemed that there had been sides introduced the famous "Ten Comno cooking there since the tenant moved mandments" revised and brought down in. There were milk bottles, and bits of to date, which brought notoriety to it biscut, and a collection of small bottles from many states. The Feist case conthat had contained the powder of malted cerned a job lot of music which Mrs. Root ordered for the Root Music house From a perusal of tax receipts and bank | before she divorced Mr. Root. Feist sued,

> request is as follows: "Motion for a new trial in this cause adjacent territory, was organized Friday P. Sass, treasurer. is denied for the following among other evening at the home of B. G. King, 2624

Fowler avenue. excellent reasons: "First-The verdict in this case reptice and righteousness, and such a ver- spirit and succeeds the club which has dict ought to prevail as against niggling, puerile, fingle-fangle asseverations magnificent upbuilding of the Prairie Park district. of heteroclite error. "It is practically impossible that a The object of the association is to pro-

denial of this mation. ideas in the west.

"E. D. KINNE, Circuit Judge." -Detroit Free Press.

No Quorum Again The stranger from New Zealand sat in

"And why," he asked, "are there so few at which time the public will be invited legislators present?" home team plays on the home

The stranger nodded and took out his notebook.

said. "But a woman interposed hastily. "'No be hain't drunk,' she said. 'I jest seen his fingers move.'"-Philadepphia Bulletin.



Fostered Community Spirit.

It to Be Devoted to the Further-

ance of the Community Interest

and is Organized Along the

Social Center Idea.

New Building Erected.

purposes of the association.

There has been erected for its use at

llard rooms. NEW CLUB HOUSE BEING BUILT

haps the west, to be devoted to the furtherance of community interest, and furbe done when the social center idea takes ture. a definite and practical turn.

ensuing year are as follows: C. T. meable character of on-mixed motion weight of cement, along with several bership of which will be restricted to the Walker, president; Louis Nelson, vice residents of Prairie Park and the directly president; L. H. Oldfield, secretary; N.

therefore will not crack appears to have the whole vessel was wet even above the decrease in strength is not serious.

concrete waterproof without in the least mained perfectly dry on the inside dur- lent materials to use in damp-proof impairing its tensile strength. The im- ing immersion for one year,

brick building which the association pro-2605 Ames avenue a splendid three-story overestimated, for the use of concrete as was made in the new vault of the United BEAUTY OF ARIZONA'S CAVE of his trips he found the skeleton of a poses to formally open at an early date, a substitute for wood and other material States Treasury department constructed has become universal in this country but in the fall of 1910, z yault 112 feet long

to inspect the building and learn of the the tendency of concrete mixed only with by 18 feet wide The side walls of this Explorers Fail to Reach the End This building is fireproof and equipped while experimentation is a serious fault. Vault contain 10 per cent of oil based on While experimentation is fireproof and equipped while experimentation is a serious fault. While experimenting in an attempt to the weight of cement in the mixture. with every modern appliance. On the develop a non-absorbent, resilient and The roof was constructed of ordinary

first floor is garage space, at present dustless road material, one capable of reinforced concrete with about three One of the most wonderful caves in adequate for ten automobiles. An up- withstanding the severe shearing and inches of 10 per cent oil-mixed concrete the world has been found in southern to-date auditorium occupies the second raveling action of automobile traffic, the placed on top. For months the root of Arizona. Unnamed, incompletely exfloor, in which will be held the associa- investigations of Director Page led him this vault was subjected to several feet plored, and almost unknown is the vast Business Success.

PRAIRIE PARKS REORGANIZE ton's entertainments, banquets and balls, into this very promising discovery. He head of water without showing any cavern. Only a few persons have dared and which will be rented out on open found that when a heavy mineral residual signs of leakage. Another vault in the enter to view its grandeur and to study ton's entertainments, banquets and balls, into this very promising discovery. He head of water without showing any cavern. Only a few persons have dared dates for entertainments of such char- oil was mixed with Portland cement north end of the treasury never has the wondrous work of nature.

acter as will pass the censorship of the paste, it entirely disappeared in the mix- been available for the storage of any-The cave lies in the foothills of the Association is Outgrowth of Well association. On the third floor is located ture and, furthermore, did not separate thing of value because of leakage. Oil- Hunchua mountains, about forty miles the association's club, reading and bil- from the other ingredients after the mixed concrete was placed on the roof northwest of Nogales, Santa Cruce cement had become hard. The possibili- of this vault, and it is perfectly dry at county. Exploring parties have en-The total cost of the project, exclusive ties of oil-cement mixtures for water- the present time. Numerous floors in tered and spent days inside, but none of furnishings, will approximate \$14,000, proofing purposes were recognized and the sub-basement of the treasury build- has ever discovered the end. They reand it is the first building in Omaha, per- extensive laboratory tests were begun ing and a floor in the office of public port passageways, rooms, and chamimmediately to determine the physical roads have been constructed of 10 per bers innumerable, some enormous in properties of concrete and mortar con- cent oil-mixed concrete and have resize, of transparent stalactitic columns. nishes a noticeable example of what can taining various quantities of oil admix- mained absolutely free from dampness. One room has a level and smooth floor. A tank in the office of public roads and they have called it the dance hall. As an example of a laboratory test composed of one part of cement, two and others have unfathomed pits and showing the non-absorbent and non-per- parts of sand and four parts of stone. chasms. meable character of oll-mixed mortar mixed with 10 per cent of oll based on One party returning to Nogales said that immense stalactite columns extendmortar vessels 8 inches in outside di- other tanks, used, for various purposes, ing from roof to floor may be seen on ameter, 3½ inches high and about ½ inch has remained absolutely watertight. either side of the entrance. As they thick, after hardening in moist air for . It has been shown that the admixture about one week, were immersed in of oil is not detrimental to the tensile proceeded on their downward journey Fowler avenue. The association is the outgrowth of CONCRETE RESISTS WATER water at a depth of about two inches. strength of mortar composed of one part the formations became more interesting, until they found themselves in a A mortar mixture of one part of ce- of cement and three parts of sand when

construction .- Boston Transcript.

of Vast and Wondrous

Cavern.

ment to three parts of sand was used. the oil added does not exceed 10 per cent labyrinth of passages resembling hall-Vessel No. 1 contained no oil in the mix- of the weight of the cement used. The ways, windows or entrances into other ture. About one minute after immersion tensile strength of mortar and of concrete rooms or chambers, in which appeared a damp spot showed on the bottom of suffers slightly with the addition of oil, stalactites in thin sheets, round, square, A cement which will resist water and the water-mixed vessel. After one hour although when 10 per cent of oil is added and, in fact, in almost all shapes concelvable, from a few inches to thirty feel

ditions should not exhibit some excep. bers and their families, to encourage the director of the office of public roads climbed by capillarity. Within the few 50 per cent longer to set hard than does In the first chamber a most beautiful tional phosphorescence. I am, how- city beautiful idea and to develop to the and his associates in Washington. This days the water had penetrated the plain plain concrete, but the increase in stalagmite rises from the floor to about ever, satisfied that the grounds alleged highest degree the community spirit in discovery is of the fact that mixing a mortar vessel until the water level in- strength is nearly as rapid in the oil- twenty feet in height, and stands out inhave no substantial foundations and that residential sections. It is without doubt proportion of about 19 per cent of side was the same as that outside. The mixed material as in the plain concrete. dependent and alone in all its shent law and equity will be subserved by a the most ambitious interpretation of the petroleum residium oil with ordinary remaining three vessels, made of one- Concrete and mortar containing oil ad- splendor. Others can be seen, and have Portland cement, sand and stone or third mortar and mixed with 5, 10 and 29 mixtures are almost perfectly non-ab- their individual beauty, but they do gravel-the familiar concrete-renders the per cent of oil respectively, have re- sorbent of water, and so they are excel- not compare with this monarch.

Of the discovery little is known. Pat McCarty of Canille was perhaps the first local explorer of the cave. On one man lying on a shelf, which readily crumbled on being handled. Some indian pottery and beads have been found, samples of which are on exhibition at the Tucson university .- Nogale Dispatch.

The Persistent and Judicious Use a Newspaper Advertising is the Road &

The officers chosen to serve for the The Prairie Park association, the mem-

three years of well fostered community been such an important factor in the

ance to Moisture.

Mixed with Oil in the Making, it Shows Remarkable Resist-

cause so replete with amorphous con- mote social intercourse among its mem- been discovered by Logan Waller Page, the water level, since the water had Concrete mixed with oil requires about in length.