THE DAILY NEBRASKAN

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'.... He Gave Me a Hell of a

terday on a year's leave of absence. We feel

that Nebraska lost a good man. It is our pur-

pose here to express the vehement hope that

ago. During his stay he was voted one of the

three most popular professors. In Dr. Stoke's

case this honor carried no professional oppro-

brium. He wasn't easy, he was interesting. He made his impression by geniality, a deep seated

concern in the real welfare of his students, and

a telling manner of teaching something sig-

Nebraskan began to gather quotations from his

students and colleagues expressing an estimate

of the man and a sample of the attitude of the

campus toward him. Student bits in response to

this call are represented by "He taught me

something," "I'm glad I got his public opinion

course before he left," "He gave me a hell of a grade, but I liked him," "He had a dry

litical science department of which Dr. Stoke

was a member, was asked for a quotation, he

pointed out that Dr. Stoke was given a leave

of absence on the one condition, which he him-

self asked for, that he return next fall. His

successor was hired with this in mind. The

department considers his opening in TVA an

opportunity for valuable experience in the

Senning emphasized, "He's coming back,

Don't say anything to make him think he's

He Is Young. He Has an

Idea. Much Is Expected

thru. We need him."

Of Him.

chorus of 40 voices.

students.

'Don't print Stoke's obituary." Professor

William G. Tempel, another enterprising

young man, has come up to the university from

Lincoln high. He has brought one main idea

to the school of music where he will do his

work. His idea is to build an organization to

he known as the University Singers, a mixed

the campus. Many university functions will be

embellished by the standard a cappella music

which Mr. Tempel intends his University Sing-

ers to render. And this group represents an

opportunity for further vocal training for

Lincoln high where his choir won numerous

state championships. He has worked with a

number of student singers now in university

and intends making them a nucleus around

which to form his University Singers, Since

his venture was not launched until this fall,

provision for it was not made in the catalog.

Registration is still open for students in

Mr. Tempel left an enviable record at

There is need for such a choral group on

When Professor Senning, head of the po-

humor that made classes a privilege.

On hearing that Dr. Stoke was leaving, the

Harold W. Stoke left the university yes-

Dr. Stoke came to this campus seven years

Grade, But I Liked Him.

Two Young Men.

this loss is but temporary.

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chorus work as well as for others interested.

A cappella music will be sung, but it will not be confined to church music alone. Mr. Tempel is in full co-operation, not competition, with John M. Rosborough, director of the Great Cathedral choir. His is an effort toward making the "Messiah" an all student produc- where infection constantly threattion. He is young. He has an idea. Much is expected of him.

Panic, Publicity, and Polio.

. a few hundred cases among many million people.'

The following abstract is taken from an editorial printed in the Journal of the American Medical association under date of Sept. 18, 1937. It gives information relative to pollomyelitis (infantile paralysis) which every student should know because it represents the latest and heat thought of scientists and medical men relative to this disease. Bufus A. Lyman, Director Department Student Health.

In civilized communities, people should no longer be stricken with panic in the presence of disease. Much has been learned concerning the causes, methods of prevention, diagnosis and treatment of many of the infectious diseases, Patients a solated. Modern methods of prevention are used to immunize those who are exposed. Known contacts are kept under control and in most instances after a reasonable time the disease disappears from the community or returns to what is called its normal incidence

Toward poliomyelitis in the United States a somewhat abnormal point of view seems to have developed. The total incidence of that disease in any one year in the entire country is certainly less than 10 percent of the number of cases of any one of the other common infectious diseases. Yet because poliomyelitis is a visibly crippling disease, panic appears in the minds of the public, which is frequently reflected in the statements and actions of public officials. Yet if was needed it is demanded ver rationality in the approach to this problem.

How About Scarlet Fever?

One wonders, for example, whether the this species. Up until the comple- nal. A correct choice is rewarded this species. Up until the complenumber disabled as far as their hearts, kidneys and ears are concerned is any less from searlet research by Dr. W. E. Walton and not only in the loss of the reward, students interested in working on fever than the number of cripples of the arms R. W. Bornemeier of the psychol- but in punishment as well. and legs affected by poliomyelits. Yet people everywhere are far more afraid of polio- that the lower animals are color myelitis, not knowing that the permanent blind "heart cripple" constitutes a much more serions problem. It is possible to splint, to reeducate and to rehabilitate a paralyzed limb. We have not yet found any methods of splinting or re-educating a damaged heart, and the rehabilitation of the "heart cripple" is indeed able to distinguish color, both on

. Men fear most what they do not under-stand. Let physicians and health officers here at Nebraska, Dr. Walton. alike admit that there is much that is not known concerning poliomyelitis. We have not yet determined the exact cause of this disease. We know something concerning possible methods of transmission but we do not know with certainty exactly how it is transmitted to most human beings. We seem to know that considerable numbers of people have a natural resistance to the disease so that they would probably not be infected even if exposed.

They're rightly named-the ARISTOCRAT These Handsome

with ACTIONFIT by Albert Richard

The Aristocrat is tailored like a fine. custom-made coat in double breasted style with patch pockets, belted back and cleverly designed gussets. The body and sleeves are of fine suede, the collar and facing of smooth leather. See this and many other coats at

MAGEE'S



Fire-Works Over Nanking.

Seven Americans remain in Nanking today, Departure of the embassy staff followed soon after warnings by Japanese officials that air raids would begin today at noon. Citizena took refuge on warships in the Yangtze. British, American and French warships, remain however, and Japan is warned not to fire upon these vessels. Meanwhile, the far eastern advisory committee meets today, with representatives from each country with property interests, and the action of Japan in today's raids may have a vital part in the decision made

Britain appeals for United States. German, and Italian maintaining world peace. Foreign are the rat's signals to jump maintaining world peace flash of the right color. The filters in use have been scientifically designated in use have been scientifically designated and the scientifically designated and the scientific scien States, German, and Italian aid in

Adding weight to the conciliatory plea and dispelling any illusions of unpreparedness comes accompanying announcement the rat is taught to jump for that "Britain is rearming to the hilt, and will continue to do so an long as peace is threatened."

Cabbage, Horseradish Plants Offer Antiseptic; Just Tears Alumni Secretary Will Talk To New Men Wednesday

Russians Extract Enzyme Similar to Eve Fluid From Vegetables.

Editor's note; The following article on lears marks the first appearance in the Nebraskan of Bruce Alexander. Mr. Alexander has consented to write a weekly feature on the latest developments in science. He is being given free rein to ramile among all of the sciences for his topics. We feel that he is qualified.

By Bruce Alexander.

Science is making tears. Less than a month ago, from the All Union Institute of Experimental Medicine in Moscow, came the announcement that Russian scientists had succeeded in extracting the precious enzyme, technically called lysozyme and

commonly known as "tears," from cabbage and horseradish plants. the least of the gifts bestowed by a wisely provident nature upon the members of an erring race is that of tears. Not as an outlet for pentup emotion, nor yet in cajoling the unsympathetic spouse, but in the vitally important capacity of a natural antiseptic, they serve mankind faithfully and well. Day and night, ens is guarded with unrelenting

Nature's Masterpiece.

the window of the soul, may justly termed the window of the body. Here, as with no other organ, structure and function are to the physician's critical gaze, so erty had ever been made. Re- dusty bondage into luminous air."

subjected to a wearisome number

year by the technicians in the uni-

Today the rat is a willing sub-

from vitamin testing to problems

in mental and emotional reactions.

Because he breeds prolifically,

matures rapidly and physiologic-

ally is quite similar to the human

being, this rodent has definitely

established himself as a laboratory

Mr. Rat 'Co-operates.'

was accomplished with the "co-

Now, after many weeks spent in

studying this problem with the

rat, the two Nebraska psycholo-

gists were able to prove before a

national meeting of the psycholo-

gists in Denver that rodents are

brightness as well as a hue

basis. While similar studies with

while convinced that these animais

are also color conscious, says

further research will be necessary

before one can definitely state

Can Tell Colors.

The rat, however, is readily able

to differentiate red from blue, red

from green, yellow from blue and red from yellow. Due to the fact

that blue and green and yellow

and green are probably too closely

associated on the color spectrum.

the difference between these sets

ingenuous, But to Mr. Bornemeier,

who has worked with more than

100 rats each day, sometimes get-

ting up as early as 4 o'clock in

the morning to complete a set of experiments before his attic lab-

oratory became too hot, the ex-

periment has lost much of its for-

Most Inquisitive Animal.

them to daily periods of handling.

A few days before the tests are

to begin no feed is given them. When the rats are hungry and

after they are accustomed to hu-

man handling they are taken to

the apparatus room and allowed

to familiarize themselves with the

testing machine. The rate is a

most inquisitive animal and unless

his curiosity has been fully salis-

fied it is impossible to teach him

There are really two parts to Dr. Walton's and Bornemeier's

problem, one, testing the animals

to distinguish the difference be-

tween color brightness and second,

to choose between colors on a basis

of hue alone. The same machine

is used for both tests. It is a simple

device, appearing somewhat like

an enlarged stereopticon, with two

long light chambers extending

from the glass squares in front.

By the use of color filters, various

homogeneous band of light. In

front of the glass windows are

The method used by the Ne-

braska men to determine whether tually was unable to distinguish

rats see color is interesting and the difference in the brightness

"The first step in the procedness factors of both lights have ure," he says, "is to isolate several been equated, then the scientists

rats for several days, accustoming feel that they have proven that

box-like compartments into which be able to do so even after one

First, he is placed upon a small afor to see the rat in motion,

runway feading up to a platform says Bornemeier, "If too radical

of colors.

mer attraction.

anything."

which colors they can perceive.

subject of top-notch calibre.

Mr. Rat Supplants Guinea Pig as

Lab's Handy Andy in Experiments

That long-tailed bewhiskered ro | horizontal to the compartments,

dent, the rat, has become the sci- but some several inches away.

entist's pet. Even the more effem- After he has been allowed to be-

inate women have learned to cud- come acquainted with the appara-

dle and adore him. In fact, Mr. tus and has caten food contained

Rat has practically replaced Mr. in the small cups in both boxes.

Guinea Pig as the chief laborathe series of tests are begun. The tory "Handy Andy." Literally idea is to train the animal to thousands of these animals are jump into a compartment at the

of experiments and studies each in the fashion of the motorist who

versities and colleges over the traffic light remains in his favor.

ect for every kind of experiment way platform to the small stage

Out of fairness to the rat it for the red box, but if he selects

must now be said that the latest the blue, the floor of this compart-scientific achievement of note com-

ing from Nebraska laboratories tumbling into a net near the floor.

Made by Dr. Walton, Bornemeier

that, without interfering in the cently, however, considerable enslightest with any physical proc- ergy on the part of pathologists ess, action and reaction may be and bacteriologists has been diviewed at will. By means of the rected toward this research. They ophthalmoscope, a comparatively find that most harmful organisms simple instrument, examination in which gain access to the eye are minutest detail may be made of the retina, or innermost lining of the eye.

The ciliary process, small but mighty bundle of muscle and sinew which must alter the shape tive of the lens whenever the eyes are focused, may be seen and studied as it functions normally in the living, seeing eye. Unquestionably the most vital and important of the sense organs, the eye is more frequently exposed to harmful and

Is Crying Worthwhile?

How, then is such an exposed, complex life, delicate, easily deranged mechanism as the human eye to be protected against the ever present threat of infection? It might be supposed that the processes which have evolved lids and lashes to guard against the more mechanical injuries might have produced some barrier to ward off the in- treatment of conjunctivitis and a sidious onslaught of harmful organisms. And such is the case. The answer to this particular substance has been known. problem is tears.

For years the lachrymal fluid has been recognized as a most stance of tears in cabbage and The eye, in addition to being effectual lubricant for the eyelid in its passage across the eye; it has even been lauded for its success in floating foreign particles sible. Man, it would appear, has from the surface of the eyeball, taken one more step in that covealed in detail. Here nerves, tis- but, until a few years ago, no insues and blood vessels are exposed vestigation of its antiseptic prop-

sight of a certain color somewhat

continues to advance if the green

Food Provides Incentive.

opposite the light compartments

The operator has already turned

on his lights. Almost immediately and without hesitation the rat,

knowing that food is to be found

in the compartments, leaps into

one of the boxes. If red, for ex-

In other words, the rat soon

Brightness Matters Not.

but rather is jumping in the di-

rection of one color because it ap-

pears brighter than another. In

order to find out, then, whether

actual colors as well as brightness

differences, Dr. Walton and Born-

emeier conducted a series of

nally were able to equate the

brightness value of colors accord-

ing to the rat's eve. This test was

run in the manner described, ex-

cept that the operator gradually

increased the brightness of one of

the lights while keeping the other

When the brilliance of the one

light approached that of the other

they found that the rat began to

make mistakes, which to the scien-

tists meant that the two lights

were approaching the same bright-

ness. When 50 percent of the ro-

brightness values of the two col-

ors were the same. The rat ac-

Determine by Color.

Once the brightness of the col-

ers has been equated, it is neces-

sary to employ a new group of

rats. The job now is to train them

to their choice on the basis of

trained to select the red light in

place of the blue, after the bright-

the animal is truly determining

his selection on the basis of color.

has completed much of the ex-

perimenting while working for his

color discrimination Walton and

Bornemeier found that it required

more than 600 trials before the

animals were thoroughly trained

to select on the basis of color The farther apart the colors are

Refuse to Jump.

"Once after the rat is able to

distinguish red from blue he will

color has been made so dim as to

make it impossible for the oper-

According to Bornemeier, who

color alone. If the rat can

values of the two colors.

brightness tests in which they fi

the rat can distinguish

The rat soon ascends the run-

protected by a hard, horny shell that renders them immune to the action of ordinary germicides.

Tears Contain Lysozyme.

They find, also, that the proteclayer is attacked and dissolved by an enzyme, namely lysozyme, which is present in the saline "tears" solution. The organisms, devoid of their armor, are quickly destroyed by the weakly antiseptic flow, and cease to pre-sent any threat to health or effidestructive factors than any of the ciency. Thus is our precious gift of eyesight made secure to us. against all the contingencies of a Now, as so frequently in the

past, man lends his ingenuity to assist in the natural process of disease prevention. It has been increasingly apparent that solu-tions of artificially prepared lysoin proper would have great value in the host of other optical disorders, but heretofore no source of the

Now for the first time, with the discovery of the chemical subhorseradish by the Russians, commercial development and distribution of the product become posoperation with nature which may ultimately effect his "release from

. . . Fly Over the Earth 2 Features PAT O'BRIEN Beverly ROBERTS "CHINA Last

RAY RAMSAY TO DISCUSS

FRESHMAN ORIENTATION

In Y.M.C.A. Meeting.

Freshman" will

"How to be happy though a reshman" will be expounded

Wednesday night by Nebraska's

inimitable alumni secretary, Ray

Ramsay, perennially in demand as

a Freshman first nighter. As his

speech subject implies, only the

men may profit under Ramsay's tutorship since he will be directing

his quips toward members of the

University Y. M. C. A. in that

organization's first meeting of the

year, Dan Williams, Y. M. C. A. presi-

dent, especially urges all first year

men to attend this "get acquainted"

meeting which starts in the Temple

Seventy-three nationalities are

represented among the 8,800 stu-

dents at Boston university.

building at 7:15 o'clock

CLIPPER" Feature Exciting Romance "MIDNIGHT COURT' John LITEL

MATINEE 10c EVENING

LIBERTY a change in color brightness is introduced, the animal becomes ZANE GREY'S confused and dashes around on his CRICE stand as if his emotional machinery had been completely upset. In many instances he will refuse to And why is the scientist interested in the ability of animals to discriminate between colors? Dr. Walton has four reasons: first because such a test contributes to genetic theories of behavior; sec-WED .- Two You'll Like ond, because such information adds "Pigskin Parade" to our knowledge of the behavior and "Sea Racketeers" of animals; third, because it gives

AG CAMPUS MONTHLY SEEKS STAFF MEMBERS

techniques of experimentation.

the development

Applications Must Be Filed ample, is the positive light, food will be waiting for him if he jumps In Ag Hall Room 301 By 5:00 Today.

> Applications for numerous vacant positions on the Cornhusker Countryman, agriculture college monthly publication, will be acstudents interested in working on the publication should present application in room 301 of Ag hall

But the skeptic may insist that the animal is not making his choice on the basis of color itself, According to Don Magdanz, this year's editor of the publication, the following positions are to be filled:

Assistant agriculture editor. Art editor. Business manager.

Three assistants in the editorial department.

Three assistants in the business department. Three assistants in the circula tion department.

It Might Be Found in Books

(Norman Forester in the American Review,)

If it be true, as I believe, that the mind and will of the 20th century man are sick, it behooves us not to treat the symptoms, as the social planners propose, or to ignore the disease, as the apostles of adult activities and survey courses (in the universities and the rodent is unable to distinguish dent's choices were incorrect the colleges) propose, but to seek to experimenters knew that the cure the disease,

That disease, I think we must agree with Irving Babbitt and President Hutchins, is chaos, its symptoms are bewilderment, drifting, loss of standards, loss petite for life. Originating as a germ of doubt, it passes by easy stages from general skepticism to self-destruction. The disease is now in the futilitarian stage, mixed with insanity, but is not quite so far advanced in America

as in Europe. The remedy is the adoption of a humanistic or religious working philosophy, and the cure, it may conceivably turn out, will not be completed until we have built up a metaphysics or a theology as impressive as those of ancient Greece and the middle ages And the first step is the reintroduction into the course of study master's degree, it takes the rat (in the small liberal arts college about 65 trials to "catch on" when and the liberal arts colleges within a brightness test is made. When the universities) of the great tests are being run to determine broks of the world. From Omaha

an understanding of the nature of human color vision; and fourth, TODAY! "GIRL OF THE LIMBERLOST" ... "FRECKLES"

Your two favor-

ite laugh pro-vokers in an all-new Joy-laden hit! OLSEN and OVER TOWN" ORPHEUM

Lincoln NOW! 3 Days Only! The Thrill Successor To

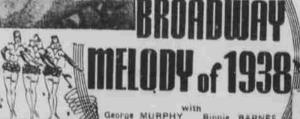
"MEN IN WHITE" Married to one Woman . . . in love with



Comedy Betty Boog Says-

'DuBarry Did All Right' 'Service With a Smile"





George MURPHY Binnie BARNES Buddy EBSEN Sophie TUCKER Raymond WALBURN WILLE HOWARD Judy GARLAND

on the scale the easier it is for the rat to pick them out. They 200 trials before rats could distinguish between read and blue and red and green and more than 500 trials before they could pick blue from yellow and red from yellow. As for combinations of blue and green and yellow and green, the Nebraskans discovered that after 800 trials the rats were still baf-fled and unable to make correct

World-Herald.