

Deep Sea Fox News Weekly Supreme Comedy GOODNIGHT JUDGE" MUTT AND JEFF

in THE BERTH OF A NATION" Prices-6c, 11c, 10c, 20c Shows at 1, 3, 5, 7 and 9 NERO CONCINENCIAL CONCINENCIA



ALBERTINA RASCH And Her Dancers Interpretative Dance Creations JIMMY SAVO & CO. "IN SALVO OF SCREAMS" WILLIAM EBS Vandeville's Newest Offering LEONA STEPHENS AND LEN D. HOLLISTER Presenting "Out in California" ERGOTTI'S LILLIPUTIANS in a Little Surpris MISS ROBBIE GORDONE (The Artist Model) Master Studies and Poses from Masters and Original Designs An Additional Feature JAMES J. MORTON

"An Animated Program" orously Announcing Each Act of the Bill THE KINOGRAMS TOPICS OF THE DAY 25c and 50c. Eye, 25c, 50c and 75c

A STRING

Fente

We are

THE C

must be losing energy into space.' **USED IN MANY WAYS** "Will the sun sometime become cold and the world come to an er.d?" the professor was asked. "There is not." said he, "the slightest scientific **Direct Application Impractical** But Indirectly Sun's Heat of Great Value.

SOLAR ENERGY NOW

patches of ground.

storing energy.

tion or a toy. He says:

plants and give illustrations. Perhaps

Water Power Offers Most

reason for thinking that the sun is coming to an end. It has always been true that people looking close hand Solar heat as a means for warming at a season which seemed unusual to our houses and obtaining power for them have drawn wrong conclusions running engines is a posibility ac. The weather records thus far taken cording to Prof. G. D. Swezey of the tend to show that cold and heat are astronimical department at the state just about equalized thru time. It the university. But he expreses doubt as sun is a gaseous thing as some think to whether there ever will be any the shrinking of it, a mechanical mocommercial use of solar heat. He adds tion, would keep up or even increase however, that there is a plant in the the output of heat. The sun possesses region of the Nile rever in Africa immense stores of heat. It is not bewhere the sun's rays heat is used to cause we are nearer the sun in sumrun a steam engine. Large mirrors mer that that season is warmer. As a are used and these reflect the sun's matter of fact we are three million rays on a boiler and thus a little st am miles nearer the sun in winter than engine is made to run. This plant is we are in summer. There are two used for the purpose of irrigation, leasons why summer is warmer. This water being drawn to irrigate small northern hemisphere is unen turned more nearly or directly towards the Some of the text books like run. That makes the days longer and Young's astronomy describe such the nights shorter.

Glacial Period Coming

these are no more than a demonstra-"The earth's orbit is changing and growing all the time more eliptical "It would be possible to do consid- This means that the distance of its erable work with solar heat but the remote point from the sun will be question is rather one of feasibility much greater for the diameter of the and cost. The heat could be stored to ellipse in longer than the diameter of run a little engine but the real prob the more nearly circular orbit which lem is 'would it pay?' Large areas of the sun has hitherto maintained. land would have to be used and crops When the sun's orbit has attained this could be grown on them. Some elliptical form it may be expected that method would have to be devised of the earth will again experience a glaconverging the sun's heat over large cial epoch. Possibly every 100,000 areas with a huge curved mirror by years or so this thing may occur. The impinging the light on a boiler. Or it world has experienced, as geologists might be possible to use many small believe, several ice ages. The geologimirors and send all the heat con- cal ages were tens and possibly bun verged towards one point. Theoreti- dreds of thousands of years long. This cally I do not see why it could not be theory of the charge of the earth's done. There are all sorts of ways of orbit and the consequent far remoteness of the earth from the sun at the end of the elliptical orbit is believed "But really the future development by Croll to be the cause of the an- rock formation between. This rock

of energy is pretty likely to be along cient ice epochs. Then the earth may shows marine forms and is the result the line of water power. This, caught again pass and will pass into a gla- of ocean sediment. In some places in the mountain regions and convert- cial era. This would come gradually numbers of strata of marine rock and ed into electricity, could be sent to Perhaps something like 20,000 years terrestial coal deposits occur. Most the cities where it was needed. It is would elapse between two glacis' pe- of the rocks of Nebraska are oceanic. possible to send energy in this way riods. We find that there that there Even the coal beds we now find on long distances. The energy of Niagara were three or four periods in the the surface of the earth were probis conveyed by wire to light Canadian main ice age humanity would have ably once deeply bedded. Erosion has cities. In like manner in California to become cave men. There is evi- taken off the upper layers. they are harnessing the power of dence that human beings were con-Lake Owens in the northern part of temporary with the ice age,

'Evolutionists say that these men the state and are establishing a plant which will light many cities and run of the glacial period were the ances. come from the same forms as of an machinery. So, while it may possibly stors of the present people. For ex- cient vegitation. The difference we te feasible to use heat, it is very ample they find the bones of human now find in them is due to the fact doubtful whether it could ever be beings along with the bones of ani- that anthracite was more deeply bedmade to compete with our tried meth- mais known to have been of the gla. ded and so underwent greater pressods of transmitting water power. cial period. One of these is the hairy ure. This sort of coal is found in There is no feasible way of storing it mammoth with long fur. The ele- the mountainous areas where the for a length of time to use later > phant of today has a nature adapted earth upheavals were the most severe. "But getting water power in the to the changed conditions in which he Anthracite has had the pitch and oil eally are taking ad- now finds himself. Yet he is an evo- all cooked out of it and is pretty neareat. For it is by sun lutionized form of the glacial nairy ly pure carbon. Bitumen has much

ing of different celestial bodies."

The Formation of Coal

REAL XMAS Suggestions

OUR LINES ARE most complete and most Beautiful-

Comfy Slippers Felt Jaliets Felt Cozies

Dress Shoes

freeze over. Yet theoretically the sun MURDOWN RECEIPTION OF THE SUBJECT AND A SUBJECT

Satin Mules Boot Tops Gaiters Party Slippers

Miss Victoria guaranteed Pure Silk Hosiery-Full Fashioned, guaranteed to give you double the wear of any high grade Silk Hose made.

We Save You Money on Every Purchase

1037 O Street BUDD'S 1037 O Street Street

Artistic Boot Shop



WRIGLEYS

before the war

during the war

NOW

THE FLAVOR LASTS

SO DOES THE PRICE!

ec a package

c a package

c a package

THE DAILY NEBRASKAN

	- mountains we re vantage of sun he
small payment will hold your Christmar Gift	heat that water the surface of the discharged as rail It is rather a que
enton B. Fleming	practical and mo cally every kind
The Jewel Shop	the face of the
1127 O St.	gy come directly
are open from 10 a.m. to	water power and
5 p. m.	Sun Heat F "What makes the sun has heated the
	wind blows and
& DYERS	it is the sun that
Phone B-3018	from the sea to water in its effort
HARRY LYONS, Mgr	gives us the power
We Klean Klothes Klean	burn? The sun so

315 So. 11th Street

A Good Place to Mat N. S. CAFE 189 South 11th Street



is evaporated from mammoth. he ocean, lifted and

roduces Wind. he wind mill go? The ne air in one location

case of water power Here is his answer.

it ranses the water

are .csolved rad separated at d car- veloped. bon gas is set free. It is the sun that makes all this possible.

to find that antiquity had the same their combined infifuence on this ternately covered with terrestrial

climatic conditions as these in our early vegetation. own day. The same rivers would then

oily and pitchy matter blended with "Astronomers may by mathematical the coal."

n on the high land, processes measure the earth's orbit Profesor Sweezy has visited the stion of what is most and calculate the lengths of these coal mines at Newcastle on the edge est valuable. Practi- great ages of the glacial and inter- of the Black Hills. In that region they of energy we use on glacial epochs. Geologists try to do tunnel into the mountain and, digging earth is developed so by examining the strata of rocks out a room like space, they drill by All forms of ener- and the amount of wearing away of power six or eight holes, put in blast or indirectly from them. But this does not give accurate get out of harms way, blow up and be shown that wind, information with which to make pre- then return to dig out the coal which fuel are all stored cise calculations. The changing of is loaded onto cars and taken by the earth's orbit is due to the attract- tracks to the freight trains which will carry it to distant markets. In this region there is no deep shafting.

"In all this changing history of the Often the roof has to be supported men, has set in, the ages how did coal come to be over the miners as they work or else makes the wind mill formed?" the professor was asked, they leave coal columns to support the roof.

"In ancient times there were great Professor taught one year at Mothe hills and the swamps filled with the heavy vegeta- line. Illinois, which is to the coal reto return to .ne sea tion of a warm or rather torrid cli- gion of that state. Here the coal has er. Why does wood mate. The vegetation types were been eroded so that the mines are acts upon the grow. mostly tree ferns. This is proved for what is known as strip and the coal ing plant that a chemical process ye nd many fosils imbedded in the in near the surface, in the deep coal takes place the result of which ap coal deposits. The vegetation was regions of other states it is necessary pears in the formation of wood. When much like the tropical of today. The to sink shafts hundreds of feet. One wood is burned the constituents of it modern types of trees had not yet de- layer of coal may be exhauster but by digging deeper another may be reach-

"Then upheavals of the earth oc- ed and more coal obtained. Coal contains fresh water fossils. curred and these swamps became bur-"There is no evidence that the sun ied at greater or less depths. Great says the professor and the rock strate is growing les warm or is giving oceans swept over the areas and de- which alternates with the coal deposout. It does not appear that it is less posited much sediment completely its contain marine fossils and this hot than ever before. When we read burying the ancient swamps. Coal is proves that thru the reach of the the writings of Herodotus we seem the product of heat and pressure in years the same territory has been alswamps and oceanic water beds .--"Coal is found today in layers with Evening State oJurnal.



Put pep into your pencil work. Use a smooth, long-lasting responsive lead that eases and quickens your pencil tasks and makes them more pleasurable -



SOLD BY GOOD STATIONERS-AT SCHOOL AND IN TOWN