

Harnessing of Sun's Energy Realized in Number of Products

New York — A dream of centuries—to harness the sun's energy and put it to work for man—has become a reality in the 20th century with a host of new solar products running the gamut from clocks to stoves.

The sun is the most abundant source of energy there is. It's the only source guaranteed to last as long as the earth does.

Experts say each year enough solar energy falls on this country alone to equal the energy output of one trillion tons of coal or 2,000 years coal production at current rates.

But except for scattered uses through the ages such as the Greeks' use of sun mirrors to make things hot for their Roman enemies and a French scientist's success in melting platinum in the 18th century, this tremendous store of energy has gone untapped.

The reason is simply that before this century the knowhow wasn't there to make the machinery required to collect the energy.

Just the Beginning

Even now, scientists say we're just at the beginning. An authoritative research group, National Securities & Research Corp., says many mysteries must be solved. Solar machines are complicated and expensive, efficiencies are low and "of course, the sun doesn't shine 24 hours a day, so methods of energy storage must be devised."

But what's been accomplished so far is impressive. A solar clock that runs for as long as three weeks after a few hours exposure to sunlight is being marketed by General Time Corp. of New York.

Bell Laboratories of Murray Hill, N. J., has used a solar battery to energize rural telephone lines.

Admiral Corp. of Chicago introduced a portable radio which operates on a solar battery.

Window awnings operated by a tiny solar-sensitive cell instead of the usual hand crank were brought out by Automatic Awning Co. of Chicago.

Jet-heet, Inc., of Englewood, N. J., has designed a solar still to change salt water into fresh water, a solar water heater to produce hot water and a solar oven that will cook an entire meal for a family.

Somewhat hotter is the solar furnace of General Dynamics Corp., New York, which reaches temperatures as high as 8,000 degrees (Fahrenheit).

Scientists see as the most promising applications of solar energy those in which moderate heating is required. This would include heating homes, providing energy for air conditioners, dehumidification, or heating and distilling water.

GOLD HILL 'Fun Nite' Held at Hanby

Gold Hill—Forty-five seventh and eighth grade students of Hanby school attended the first "Fun Nite" held Saturday, Oct. 26, at the school.

"Fun Nite" is new to Gold Hill pupils, and is open to all local seventh and eighth grade youngsters. It is a non-school connected private organization under the leadership of Mr. and Mrs. Russell Carr. Meetings will be held every three weeks. The next is scheduled Nov. 16 between 7 and 9 p.m.

The meetings will consist of games, entertainment, songs, a brief undenominational talk from the Bible, and refreshments.

Lynn Bernston, a teacher in the Jacksonville school will assist Russell Carr, with these social sessions. The two men presented a three-act play as a portion of the evening's entertainment Saturday.

Miss Karen Patterson, a high school student from Jacksonville was pianist for the evening. She played the piano, while the group participated in singing and games.

Parents are invited to attend and may contact Mr. and Mrs. Carr concerning questions regarding "Fun Nite."

Parents who attended the first session with their children were Mrs. Paul Molloy, Mrs. Hubert Bailey, Mrs. Ozie Newland, Mrs. Al Beman, Mrs. Jesse Flenner, and Mrs. Howard Dillan.

School officials have announced a skating party Friday, Nov. 1. Students in fourth through the eighth grades at Hanby school are invited. Parents are welcome to ride the school bus with their children. Gold Hill Crater High students may also attend the party.

Teachers accompanying students will be Mrs. Ida von Buskirk, Claude Morgan, and Miss Marie Johnson. Pupils should have tickets before boarding the school bus. Parents are requested to be at the school to pick up their youngsters by 10 p.m.

The Hanby junior varsity and varsity teams will meet the Evans Valley teams Nov. 1 for a six-man flag football game at 1:30 p.m. on the Patrick school field.

The boys are now training for basketball. Coaches are varsity, Russell Carr, and junior varsity, Claude Morgan.

Mrs. Al Beman reported that dancing classes which are offered each Monday evening at the Hanby school, were attended by 50 students Oct. 21. Those in charge request that the parent should pick up students at 9 p.m. following the lessons, which begin at 7 p.m.

Instructors are Claude Morgan and Mrs. Mildred Black. Several parents are participating. Students in the sixth, seventh and eighth grades are eligible, with parents consent, to take the lessons.

Mr. and Mrs. Delos Walker gave a dinner Tuesday, Oct. 22, honoring their daughter, Miss Dixie Walker, on her 18th birthday.

Attending were Linda Walker, Mr. and Mrs. Lawrence Willis and three children, Chris Ann, Susan and Charlie, who were enroute to their new home in Eureka, Calif., where Lawrence will be employed by the federal game commission. The Willis are recently of Klamath Falls, where he has been employed by the state game commission the past nine years.

Delos Walker, Gold Hill, and Robert (Moon) Mullins of Wagner Creek rd. left Oct. 23 for the South Fork of the John Day river where they planned to hunt in eight miles to camp and hunt for elk.

Mrs. Jerry Reeves entertained a group of youngsters early this month at a party in honor of her daughter, Karen Rose, on her third birthday, Oct. 7. Guests were Cheryl Governor, Jimmy Dufur, Berry Leach, Jimmie Governor, Carol and Patty Washburn and Karen's sister Kathy. Mrs. Reeves was assisted with the games and serving by Miss Iva Mae Governor and Gail Price.

Plans for the annual project for the IOOF hall were discussed by members of the Past Noble Grands club, at a meeting in the home of Mrs. Joe Lewis, Oct. 24.

Mrs. Ralph Bell, president, presided at the business session.

Mrs. Lewis had an arrangement of red button chrysanthemums with phillodendron for the room decorations. The hostess served pie and coffee.

The next meeting will be held in the home of Mrs. Earl Moore.

A recent visitor at the home of Mr. and Mrs. Bill Force was Mrs. Walter Haskins of Williams who was en route to the home of her son-in-law and daughter, Mr. and Mrs. Carl Webb, and family in Eagle Point. She planned to accompany the Webbs and their daughter, Miss Nelda Webb, to Klamath Falls for a visit in the home of Mr. and Mrs. Ray Roberts and their daughter, Miss Sandy Roberts.

Wilmer Bailey returned to his home on Fifth ave. Oct. 25 from Rogue Valley hospital in Medford, where he had been a patient for the past 10 days.

Mr. and Mrs. Veltie Biles were host to a dinner at their home in Grants Pass Oct. 20 to celebrate the 25th wedding anniversary of Mr. and Mrs. Harry Newnam. Mrs. Biles and Mrs. Newnam are twin sisters. Present, besides the hosts and honored guests, were Dick and Jim Biles, Mr. and Mrs. Stanley Newnam and daughter, Cindy.

The Newnams visited in the home of Mr. and Mrs. Vernon (White) Fleming in Grants Pass that day. Mrs. Fleming had recently returned to her home from a Grants Pass hospital where she had been seriously ill.

Mr. and Mrs. Bill Wyatt and children, Linda and Eddie, of Brookings, visited recently in Gold Hill at the home of his brother-in-law and his sister, Mr. and Mrs. Harry Newnam. They were house guests in the home

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Try and Stop Me

By BENNETT CERF

ARE YOU IN THE MOOD for a sprinkling of typical undergraduate humor? If not, skip these bits of itching ivy:

Police Lt.: College student, you say?

Prisoner: Yes sir.

Patrolman: Don't believe him, Lieutenant. I searched him and found some cash in his pocket.

"I got shot while hunting last fall."

"Have a scar?"

"No, thanks. I don't smoke."

"Why do you say the dean's wife is overbearing?"

"Well, for one thing, she has 11 children."

Class dismissed—and not a second too soon!

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Quotes From the News

By UNITED PRESS

Moscow—Communist party chief Nikita Khrushchev, discussing war at a Turkish Embassy party:

"Let him be damned who wants war. The one who wants war, let him fight alone. But, anyway, why talk about war? There will be no war."

Oakland, Calif.—Navy Secretary Thomas S. Gates Jr., suggesting Sputnik might be designed to keep Western eyes looking to the skies while Russia concentrates on submarines:

"When the history of this struggle is written it may well relate how the satellite attracted our vision and thought, and, indeed, was the most successful decoy in history."

Medical Lake, Wash.—Head guard Rock Hutchings, discussing why inmates rioted and held 35 hostages at the Eastern State hospital for mentally ill criminals:

"They are afraid the administration will revert to methods used in the 1800s when criminally insane persons were left to rot and die."

Santa Monica, Calif.—John Angus, stepfather of a 19-year-old boy, explaining why he joined the natural father in defending the youth on charges of murdering his mother's fiancée:

"I felt I should do what I could for the boy."

Smokers Cause Three Fires In September, Chief Says

The Medford fire department answered three calls caused by

of Mrs. Wyatt's parents, Mr. and Mrs. Tom Foote, Medford. The Wyatts are former residents of Gold Hill.

They also visited Fitch Snider while here.

Several members of the Central Point Lions club attended a meeting of the Gold Hill Lions last Thursday in the Gold Hill Grange hall.

Neal Smith, president of the local club, reported that the response toward the current fund raising project is good. Gold Hill merchants and members of the club will issue a ticket for each one dollar donated to promote the civic project. All proceeds will go into the development of the new city park. Smith stated that preparatory work has been done on the digging of ditches for the pipe laying.

Local businessmen made contributions which enabled the club to promote a fund raising project for the development of the park. Two guns are now on display at Gail's Market, which were donated by Herb Elbert of Elbert's Sporting Goods Store.

Virgil Gribble of Gribble's Well Drilling service, and Delos Walker, proprietor of the Signal Service station, had the tickets printed.

A family dinner was given at the home of Mr. and Mrs. Clyde Kell last Friday to celebrate the birthdays of Mr. and Mrs. Arty Laws, Oct. 21 and 23, respectively, and that of Mrs. Kell Oct. 25.

Attending were Mr. and Mrs. William Force, the hosts; children, Bill and Shirley Kell, all Gold Hill, the honored guests, Mr. and Mrs. Laws and their family, Ronnie and Elizabeth of Rogue River.

Mrs. Leonard Kell also celebrated her birthday, Oct. 25. Several of her friends made arrangements for a surprise potluck dinner in her honor. The party was held at the home of Mr. and Mrs. Leonard Kell. Attending were Mr. and Mrs. Alva Cook, Mr. and Mrs. Mike Taylor, their children, Ronnie and Eileen, Mrs. Ray Davis, Mrs. Helen Shoemaker, and the Kells' youngsters, David, Eileen, Paul and Johnathon.

Another surprise party was given in Gold Hill when relatives of Mrs. Jessie Hayes visited her home, Oct. 27 to help her celebrate her birthday.

The birthday motive was used for table decorations and the decorated cake which was baked by Mrs. Hayes' daughter, Mrs. Charles E. Rosecrans. Others present included Susan and Carol Rosecrans, Mr. and Mrs. Fred Baker and son, Fred, of Medford. Mrs. Baker is the former Opal Hayes, another daughter of Mrs. Hayes. Also from Medford were Mrs. Nora Baker, Mr. and Mrs. Melvin Fader, Mr. and Mrs. James Hoskins and granddaughter, Dianne, and Mr. and Mrs. Earl Mercer. Those from Gold Hill were Mrs. Ruby Quakenbush, Mr. and Mrs. A. A. Walker, Mr. and Mrs. Delos Walker, and daughters, Linda and Dixie Walker, Henry Tim, and Fred Herrman of Central Point.

Research Projects Plan To Expand Use of Cotton

Washington — The Agriculture Department has embarked on two research projects to expand the use of cotton.

One calls for development of softer, smoother, and more lustrous fabrics. The other would perfect methods of applying a crease-retaining finish to cotton garments with standard dry-cleaning equipment.

The department contracted with the North Carolina College School of Textiles at Raleigh for the fabric research.

The new cottons could be adapted to a number of purposes for which present cottons are not suited. Because they would be soft, rather than stiff, they should be ideal for jacket and coat linings, undergarments, and soft draped dresses.

An important part of the research will be finding an inexpensive, commercially practical process for producing these fabrics. The cottons will undergo chemical and mechanical treatments. They will be tested to make sure they can withstand laundering, bleaching, and dyeing, and have such qualities as high breaking strength and resistance to soil and tearing.

Methods of applying a crease-retaining finish to cotton garments with standard dry-cleaning equipment will be sought under a department contract with the National Institute of Drycleaning, Inc., at Silver Springs, Md.

Resin Finish

Today's cottons with wrinkle-resistant finishes are well suited for simple garments but are not fully satisfactory for tailored ones. The finishes are applied to the cottons as piece goods, before they are made up into clothing. The treated fabrics resist both undesirable wrinkles and desirable pressed-in creases. This makes it difficult if not impossible to crease or pleat the garments or to sew in flat seams or pockets.

The treatment now under development, involving application of a resin finish to cottons, gives them crease-holding as well as wrinkle-resistant properties. The resin formulation used is a combination of a reactive-type resin and acrylic thermoplastic, two catalysts, a silicone emulsion, a softening agent, and water.

The finish is not applied until after the garments to be treated have been made. Thus seams and pockets can be ironed flat, and pleats and creases can be permanently set where they are needed.

This resin treatment, which researchers hope will prove practical for commercial application, already has been tested experimentally at the department's New Orleans laboratory. In the tests, swatch samples of cotton were treated and cured with ironed-in creases. They were then machine-washed, rinsed, and ironed flat. No effort was made to preserve the creases, yet after 12 launderings they remained crisp and sharp.

FINALIST FOR TITLE

Eugene—David M. Bosworth, son of Mr. and Mrs. H. P. Bosworth Jr., was a recent finalist for the title of "Joe College," awarded each year to an outstanding sophomore man at the annual class dance, the Sophomore Whiskering. Bosworth, whose parents live at 2425 East Main st., is majoring in economics.

UNIVERSITY DEAN DIES

Yonkers, N. Y. — Dr. Charles Henry Snow, long-time dean of the engineering school at New York university died Tuesday after a long illness. He was 94. Snow headed the NYU School of Engineering from 1897 to 1930.

U. S. SEEKS DAMAGES

The Hague, Holland — The International Court of Justice said today the United States has asked proceedings against Communist Bulgaria in connection with the shooting down of an Israeli airliner over Bulgaria in July 1955. The application claimed damages for American passengers killed when the El-Al Airlines constellations was shot down by Bulgarian fighter planes killing 51 passengers and seven crewmembers.

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Wednesday, October 30, 1957

MEDFORD (OREGON) MAIL TRIBUNE—THREE

They'll Do It Every Time

By Jimmy Hatlo



Members of Cub Scout Den Visit Newspaper

Four members of Cub Scout den 3, pack 14, with their den mother, Mrs. Richard Knoll, toured the Medford Mail Tribune Monday afternoon.

The boys, fourth graders at Roosevelt school, were Mike Farthing, Kent Stevens, Bruce Smith and Richard Knoll. They visited the news room at the paper and continued on through the plant's circulation, business and advertising departments and into the composing and stereotyping shops.

Firemen Answer Two Flue Fire Alarms

No damage was reported by city firemen from a flue fire Monday at the residence at 517 Albert ave., owned by Paul Morrow. Two pumps were dispatched to the scene at 7:11 p.m., firemen said. At 7:38 a.m. Tuesday smoke was investigated at 825 West 11th st. Occupant of the house was O. L. Silver. The smoke was reported by firemen to be steam coming from water pipes under the house.

The city fire marshal inspected four businesses Monday and issued 10 orders for removal of fire hazards.

WHITEHEAD RESIGNS

New York — Don Whitehead resigned as head of the New York Herald Tribune's Washington Bureau Tuesday because of illness and was succeeded by Robert J. Donovan. Herald Tribune President and Editor Ogden R. Reid said Whitehead, author of "The FBI Story," had been ill for several months and asked to be relieved of his duties. Donovan joined the paper in 1937 and had been in the Washington Bureau 10 years. He is author of "Eisenhower: The Inside Story."

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