

Capacity for Cooperation

is a quality which must be developed more and more in our American life. We must learn to live together and work for the common good.

To protect ourselves against powerful minorities whose aim is to exploit us for their own selfish gains, the great mass of common people must learn that in cooperation lies the goal of the greatest good for the greatest number.

Cooperation is the magic that must insure the retention of our political freedom, and cooperation is the magic that will gain for us a measure of economic freedom that we have never known before. Cooperative enterprises deserve your support.

Tang Salad Dressing	Quart Jar	29c
Peanut Butter	2 Lb. Jar	29c
Reliance Corn	Fancy Golden Bantam Cream Style 2 No. 2 cans	25c
Pure Lard	4 LB. PKG.	29c
	JAR RUBBERS	3 doz. 10c
	Kerr REGULAR LIDS	3 doz. 25c
Soap Chips	White Eagle 5 lb. box	33c
Salad Oil	Gallon	89c

HERMISTON MERCANTILE COOPERATIVE

We're Here to Serve! PHONE 3011

HERMISTON BAPTIST CHURCH

Grayden D. Loree, Pastor

Our Sunday school is growing in spite of the summer slump season. If you are not attending elsewhere we invite you to meet with us at 10:00 o'clock Sunday morning. Our topic for the morning worship service at 11:00 o'clock will be, "Is the Baptist Church Worth Preserving?" We firmly believe that God uses the various evangelical denominations for His glory.

Sunday evening we have young people's meeting at 7:00 o'clock and Bible study hour at 8:00 o'clock.

CENTRAL CHURCH OF CHRIST

C. Warner, Pastor

The sermon for Sunday morning will be, "A Mountain Top Experience." The young people of the church will leave Sunday for their summer conference at Cove, They

will be commissioned at a short service in their honor at the close of the morning service.

The evening sermon will be, "Sirs, We Would See Jesus." You are welcome in any one of our churches.

METHODIST CHURCH

Stearns Cushing, Pastor

After a short absence the regular services of the Methodist church will get into full swing once more. The Epworth Leaguers will have part in the service Sunday morning to bring their reports which are very worth while.

Don't neglect the Sunday School hour. In these days of turmoil and strife it is helpful to review the struggles of the early Christians and find their source of strength and help.

You will find a warm and cordial welcome among these fine Christian people. Come and worship with us.

CARD OF THANKS

We wish to express our deep appreciation for the beautiful flowers and for the kindness and help extended to us in our recent bereavement.

Mr. and Mrs. L. C. Dyer,
Mr. and Mrs. E. W. Peterson,
Mr. and Mrs. Ross Newport,
Mr. and Mrs. Waldo Dyer,
and their families.

Changes in Sun Cycles Affect Earth's Weather

The chances are 30,000 to 1 that weather on the earth pulsates in unison with changes on the sun. This conclusion was reached by Dr. Theodore E. Sterne, lecturer on astrophysics at Harvard university, who submitted to statistical analysis the data collected by the Smithsonian institution stations in various parts of the earth where the heat of the sun is being measured in constantly maintained observations over a long period of years.

Dr. Charles G. Abbott, secretary of the Smithsonian, has announced as a result of the study of these observations and weather observations made at the same time, that there are cycles in the earth's weather and that these periodic changes are due to the variations in the sun's heat. He found cycles with periods of 7, 8, 9.75, 11, 21, 25, 34, 39.5, 46 and 68 months. In the Harvard analysis Dr. Sterne found that the magnitudes of the cycles with periods of 7, 8 and 34 months were of such a value that they could be attributed to errors, but that the magnitudes of the remaining cycles were so large and the evidence in favor of their existence so strong that the odds against them being due to error are 30,000 to 1, or higher.

The Smithsonian observations cover 15 years. The overall average shows that the earth receives from the sun 1.941 calories a square centimeter a minute, or about two horsepower a square meter. The variation in the sun's heat stays within 4 per cent above and below the average.

'Noseprints' Now Used For Dog Identification

A dog's nose is about his best friend if he ever gets lost—even if he can't smell his way home, young David Hoggan of Salt Lake City has decided.

And his paws keep him in comparative safety of not missing supper, even if he doesn't know which direction to take.

Nine-year-old David's pup Mugs is smart, but David was forever in fear that Mugs would get lost, so he took the pup around to the police station to give the force a look at her, just in case.

Sergt. Albert Rogers promptly became David's fears and assured him that all the men on the force wouldn't have to see the dog—the department could identify her any time she was picked up.

The sergeant took Mugs' noseprint and pawprints, and filed the cards in the increasing collection of the Salt Lake City "Dog Identification bureau," and David took Mugs home satisfied.

The file is not large enough to determine whether there is a possibility of duplication, but Rogers has not found two prints alike yet—and has never failed to return a lost dog which had been printed.

Heating With Sun Rays

A small cottage may supply the knowledge necessary to reduce the costs of power, heat and air conditioning by use of the sun's rays, Massachusetts Institute of Technology scientists believe. Prof. H. C. Hottel, director of the experiment, explained the workings of the cottage. On the roof is a shallow, black, metal-lined box to absorb solar heat. A series of metal tubes is heated by the box and in turn heats water circulated through the tubes. Several glass covers on the box allow the sun's rays to pass to the metal lining—and at the same time imprison most of the heat generated. When the water has been heated by the "heat collector" it passes through carefully insulated pipes to a basement storage tank. There—depending on the size of the tank—water can be kept hot for periods of a few weeks to half a year. A flow of air around or through the tank would supply heat for the house—or by using the heat for power, could operate an air conditioning plant.

English Railroad Hazard

Fog, that thick pea soup kind for which England is noted, interferes so much with the operation of railroads that special means have to be taken to cope with it. Fog signal men are placed at important points. They live near their work and on their own initiative go to their posts when fog descends. Or they may be called from signal boxes. They use 300,000 detonators, or "torpedoes," as they are known in America. The noisemakers tell the engineers the position of the signal hidden from view by the fog. As an additional safeguard one railroad has its own system of automatic train control. If the line is clear a bell rings by the engineer's side. If not, a siren blows and brakes are automatically applied. The device is operated by signal men through an electric ramp at each caution signal on 2,855 miles of track and 3,250 engines.

Colors of the Rainbow

The colors of the rainbow are red, orange, yellow, green, blue and violet, but the colors of individual rainbows may vary. Red and violet can nearly always be distinguished and greens, blues and yellows may all be present. There is, however, much mixing of colors because the rainbow is not a single spectrum but a series of overlapping spectra.

GARDEN CLUB CHATS

By Mrs. Thomas O'Grady

We recently read an article on the subject of drying flowers, which was both timely and interesting and we quote from it:

"Try drying flowers in some dry powdery materials. The results are amazing. They will keep their shape and color with few exceptions.

"I have used to dry flowers, powdered alum, boric acid, dry plaster of Paris, Fuller's earth, French chalk, naptha flakes, powdered sugar, corn starch and potato flour. To date, borax has worked best of all.

"To try this process with borax, for instance, use an open card board box. Sprinkle in an half inch layer of borax. Hold the blossom in the box above the borax, and parallel to the bottom of the box. Fill in around the bloom, using a spoon to get the borax under the flower and in some flowers, into the bloom. Use enough to completely cover the flower and the leaves, and to have one fourth to one half inch of borax over the flower. Set the box with the flower embedded in the borax with no cover on the box, in any room having ordinary room temperature, for three weeks. Then, uncover the flower carefully and lift it from the borax. You will be surprised to find a lovely snapdragon spray of vivid pink or yellow flowers almost as it was three weeks before you put the fresh spray away to dry. Some changes take place in the coloring of a few flowers, for instance, a heavenly blue morning glory will change to a soft pink.

"So far, in 1940 I have had splendid results with snapdragons, roses and violets. There seems to be a certain toughness to flowers dried in some of the materials mentioned, as if they absorbed something into their cell structure. They do not seem brittle and many of the colors do not change."

You can get material for many fine Christmas cards from your garden if you keep the camera busy taking snaps of the beauty spots now while they are at their best.

Next meeting is Friday, July 26, Mrs. F. B. Belt, club president, hopes for a large attendance as committees for the next club year will be announced.

IRRIGON NEWS ITEMS

By Mrs. W. C. Isom

Miss June Stevens of Portland visited her parents here last week.

Mr. and Mrs. Arnberg motored to Freewater Sunday returning by way of Pendleton where they visited Mrs. Oliver Thorne.

Ray Colter and daughter returned from the east with the new school bus Saturday.

Mrs. Browning Sr. is on the sick list the past week.

Mr. and Mrs. John Volle and daughter visited Mrs. Omahundro at Hermiston Tuesday.

Mr. and Mrs. Oscar Rippey and family and Mr. and Mrs. Tim Rippey of Heppner visited Mr. and Mrs. John Volle and family Sunday.

Tom Caldwell, who has been quite ill, is improving.

Mr. and Mrs. Ferrill returned home from their trip to Idaho the last of the week.

Mrs. Russell McCoy and little son Ronald returned home from the Pendleton hospital Monday.

Mr. and Mrs. W. C. Isom motored to Monument, Ore., Saturday to spend the week end with Mrs. Isom's sister, Mrs. Dave Musgrave and family.

Tommy and Leo Haddox are visiting their brother Carl Haddox and family.

EPWORTH LEAGUE ENJOYS STAY AT SUTTLE LAKE PARK

The members of the Hermiston Epworth League, who attended the Institute at Suttle lake, were treated to a grand experience, according to some of those going. The Institute opened on Saturday night and closed the following Friday evening. The program of the week consisted of morning watch services conducted by Prof. Frank Bennett, superintendent of schools in Salem; classes which ranged from the study of the Bible to classes in recreation; the afternoons were free for organized recreation and hikes, and the evenings were filled with addresses and campfire services.

One of the highlights was the Galilean service. This is held along the lake on the north side, with the audience sitting along the sloping bank. While they are gathering a trumpet-er across the lake plays old familiar hymns. Those who are leading the



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service come across in boats and conduct the service from them. This makes it very impressive, especially when the moon reflects a perfect cross upon the water, and as the service ends a lighted cross is displayed from the other side of the lake and the trumpeter sends out the strains of the Old Rugged Cross.

An innovation this year was the presentation of beautiful plaques to the ten highest Leagues which fulfilled specified requirements. The local League was one of the ten to receive a plaque.

The young people in attendance will tell of their experiences at the morning services of the Methodist church Sunday.

G. Lester White
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Some More of Those HOT SHOT BARGAINS!

Jar Rubbers	3 Dozen	10c
Dill Weed	Large Package	10c
Egg Noodles	2 14-oz. Pkgs.	25c
Crushed Pineapple	called gal. size No. 10 size	59c
N.B.C. Shredded Wheat	pkg.	9c
VINEGAR	Cider - Gallon	13c
CANDY	Cream Mix - 1 lb. cello bag	5c
LEMONS	Large Size - Dozen	19c
BROOMS	5-Tie - reg. \$1 - Special Dust Pan Free	79c
PEP	Kellogg's Pkg.	11c
Sweet Pickles	Full Qt.	22c
Salad Dressing or Mayonnaise	15c water glass size	10c

Connor's Cash Store

PHONE 2761 — HERMISTON

2/3 SAFEWAY We even GUARANTEE to Save You MONEY — SAFEWAY

It's our business to know the prevailing prices you pay for food, and it's our policy to see that Safeway prices are consistently low on everything you buy — every day. That's why we can guarantee savings to regular Safeway customers.

PRICES FOR Fri. thru Mon. July 26-29

Sugar, Fine Gran	100 lbs.	\$5.25
Cherub Milk	4 Tall Cans	26c
Flour, Kitchen Craft	49 lb	\$1.29
Hot Sauce, Val Vita	3 buf cans	10c
Pork & Beans, VANCAMP	1 lb can	7c
Su-Purb Soap	8-oz. TRIAL PKG. FREE WITH 24 OZ PK	17c
Oxydol Soap	24-oz pkg	19c
P & G Soap, Reg Bars	3 for	10c
Tomatoes, Puree	2 1/2's 3 cans	25c
Pineapple, Stokely Slic	2 1 1/4's	19c
Syrup, Sleepy Hollow	26-oz.	29c
Tang, Cudahy's	12-oz can	22c
Jell-Well	7 Flavors, 2 pkg.	9c
Hershey Baking Choc.	1/2 lb.	12c
Matches—Highway	6 bx.	13c
Jels Rite Pectin	8-oz. 3 btl	29c
Corn—Country Home	Fcy 2's	10c
Grapefr't Juice, TOWN HOUSE	2 No. 2	15c

Shefford Cheese 2 lbs. 49c
Brick or American

Anglo Corned Beef 12 oz. tin 19c

Peanut Butter 2 lb. jar 23c
Real Roast - Select Quality

Stock Spray High grade bulk gal. 65c
Bring container

AIRWAY Coffee 1 1/2 lbs. 12c
Airway's a Smart Buy—Every pound Guaranteed 3-lb. bag 35c

Marshmallows Fluffiest Tender-fresh 1-lb. cello. 9c

ROYAL SATIN SHORTENING 3-lb. Can 39c
Snowdrift 2-lb. can 47c
Wesson Oil Qt. can 39c

FRUITS & VEGETABLES
LETTUCE - large solid heads each 5c
POTATOES - local No. 1, in shop-bag - 12 lbs 23c
ONIONS - Walla Walla sweet yellow 3 lbs. 10c
PEARS - Delicious Bartlett 3 lb. basket 19c
PEACHES - fancy slicing 3 lb. basket 19c
TOMATOES - firm red 3 lb. basket 15c

SAFEWAY GUARANTEED MEATS
BEEF ROASTS Blade Cuts lb. 18c
From fancy grain fed Government Inspected Beef

SHORT RIBS	lb.	9 1/2c
PORK STEAK	lb.	19c
LAMB STEAK	lb.	22c
PURE LARD	4 lbs.	29c
SIRLOIN STEAK	lb.	29c
SLICED HALIBUT	lb.	19c
SLICED SALMON	lb.	19c
FRANKFURTERS	lb.	17c