Campaign Started to Open Hawaiian Lands

A CAMPAIGN to extend the operations of the reclamation service to the Hawaiian Islands is well under way. F. H. Newell, director of the reclamation service, returned recently from a trip to these garden spots in the Pacific and talked enthusiastically of the opportunities to be found there.

"Hawaii has a better soil and a more wonderful climate than any spot in the United States," said Mr. Newell, "and it offers the greatest opportunities of any place in the country for some forms of investment. Most people forget that Hawaii is now in the United States. I have been impressed with the wonderful climate and with the opportunities for homemaking in the islands. Conditions there are ideal and the climate is the most healthful that is known. The possibilities of the islands are enormous."

Mr. Newell spent some time on the islands and is reported to have concentrated his attention on the opportunities of doing government irrigation work there. The necessity for irrigating an island from which water stretches away for thousands of miles in every direction will not be apparent to one who is not familiar with conditions in the island possessions. The scarcity of water in the midst of the ocean is due to peculiar climatic conditions that render the rainfall erratic in some localities.

MUCH WATER IS PUMPED.

Even today in the islands, without the aid of the government, more water is pumped to the thirsty sugar cane every 24 hours than is sent through the mains under the streets of Chicago. Henry A. Allen, an expert on pumping machinery, who has spent several years in the Hawaiian Islands and who was a member of the commission that accompanied President Taft to Panama, gave the following explanation for the enormous expenditures for pumping plants:

"The Hawaiian Islands lead the world in irrigation by means of pumping. In some cases in the last few years water has been pumped to levels as high as 755 feet. Lands watered in this way raise sugar cane. By means of proper fertilization and irrigation the output per acre on these islands has in many cases been increased four-fold. Even where the rainfall is plentiful pumping plants have been installed, simply as insurance. Should a drouth occur the pumps will supply sufficient water to insure a full crop. These plants enable the planters to figure certainly on each year's output. It is thus plain that the obtaining of a successful crop by this kind of artificial irrigation is more certain than it would be if irrigation by rainfall were depended on. It so happens in the growing of cane that supplying the requisite amount of water at a certain time in its growth results in the greatest output of sugar. As this time usually occurs when the natural supply of water is least the advantage of irrigating by pumping can be more fully appreciated."

The principal pumping plants in the islands were installed under Mr. Allen's direction, sometimes in the face of peculiar difficulties. In several places Mr. Allen placed pumps in underground stations, as though they were meant for a mine. This was done to lessen the cost of installation and to overcome engineer difficulties.

MAY OFFER HOME SITES.

If authority is granted by Congress it is said that the reclamation service will begin operations on the western slope of the Island of Kauai, where there is a large amount of public land. Hawaiians are anxious to have the government undertake this work and if this should be done the public will be offered home sites in one of the most charming spots the world has to offer.

Trade winds are partly responsible for the necessity for irrigation. These winds blow in one direction for many months and the rain they carry is dropped on one side of the islands. The result is that while one side of an island may have as high as 30 inches of rain in a month the other side may not have 20 inches throughout the year. Again, it sometimes happens that the nature of the country is such that the rain runs quickly down to the sea and does more harm than good. Honolulu is on the dry side of the Island of Oahu, and has all the advantages of the delightful climate, without the disadvantage of excessive rainfall.

Practically all of the irrigation that has been accomplished on the island is the result of private investments. With only one exception the companies that have done the irrigation have utilized the land entirely for their own uses. The cost of these projects has been high, sometimes as much as $100 an acre merely for water, but the returns have been sufficient to warrant the outlay. The great cost is due to the peculiar nature of the country, for it has been necessary occasionally to drive tunnels several miles through lava and other refractory material.

The remaining lands that can be reclaimed in large areas lie on the westerly slope of the Kohala mountains on the Island of Hawaii, the southmountain on the Island of Maui, the westerly slopes of the Haleakala central portion of Molokai between the two mountains of that island and the western slopes of the Island of Kauai. No one can tell at present just what can be done, but the facts will be known as soon as a general hydrographic survey of the islands is completed. This survey has been ordered by the hydrographic bureau.

GIVES CAPITAL A CHANCE.

Those who are interested in the future of the islands believe they will be able to secure an extension of the Carey act to the Territory of Hawaii, and the reclamation of land by private capital will thus receive a decided boost. Special legislation with the same end in view is being talked of. At any rate, it is certain that there are opportunities for enterprising capitalists who wish to encourage colonization by reclaiming land in a highly favored spot where cultivation is impossible under present conditions.

The territory in the middle of the Pacific, has a total area of about 4,160,000 acres, the public land comprising some 1,700,000 acres. Of this 500,000 acres are classed as hopelessly barren, being composed of precipitous mountains and bare lava fields without soil covering. From 300,000 to 500,000 acres are listed as agricultural land and the remainder is either forest or grazing ground. About 2,460,000 acres are under private ownership.

Figures regarding the productive area cannot be exact because of the constant changes that are going on. Modern progress has made it possible during the last few years to make profitable use of much land that was formerly passed by. The higher lands that were given over entirely to grazing are being made accessible by roads and are being opened up. These lands are so situated that cultivation will often make conservation of the rainfall possible. Among the lands classed as agricultural are some that cannot be cultivated unless large amounts are invested in pumps and pipe lines.

Hawaii is essentially a sugar country and fortunes have been made there in this line of business. At present the entire white population numbers scarcely more than 10,000, the majority of these being dependent for their livelihood on the sugar business, either directly or indirectly. Up to six or eight years ago sugar monopolized the attention of the white inhabitants. The Chinese grew some rice in the marshes, and a few white men owned a number of large cattle ranches, but everything in the way of diversified agriculture, or horticulture, was left to the orientals, who employed the most primitive methods with correspondingly indifferent results. The notion became general that Hawaiian soil and climate were adapted to nothing but sugar.

PINEAPPLES ARE RAISED.

About 213,000 acres, partly in fee and partly under leave from the territory, are devoted to the sugar business and the limit of available sugar land has been reached, but tens of thousands of acres above the cane growing belt are utilized for nothing but pasturage of an indifferent quality, and much of it is so grown up with thickets and jungle that it is little good even for that purpose. A small colony of Californians who took up a tract of this kind of land at a few dollars an acre eight years ago and began raising pineapples met all kinds of predictions of failure. Their effort has succeeded, however, and today pineapples are a close second to sugar. About 5,000 acres are devoted to the raising of this crop, and an energetic campaign has been begun to render the American public familiar with the merits of pineapples which are sent to this country canned.

With the last year there has been a great awakening in Hawaii. All classes are awakening to a realization of the great opportunities offered by the rich soil and delightful climate of the islands. A campaign has been started to make Hawaii a land of small farmers of the up-to-date American type. It is said that there are chances for profit awaiting those who will purchase large agricultural tracts and subdivide them for the benefit of the smaller purchaser, as is often done in the western states. As one promoter said: "There is room in Hawaii for the same men who have established settlers in the western and southern states and are still at work reclaiming the desert."

WALL PAPER SALE.

20 per cent off on all cash sales. W. A. Duvall, 110 West 2d So.

PARKINSON BARGAIN STORE.
Successor to F. M. Teet, 139 State.

STATE NURSERY CO.
All kinds of nursery stock. R. Will. Bell 1782-nx.

SIX BEST SELLING BOOKS.
RECORD FOR MARCH.

According to the foregoing lists, the six books which have sold best in the order of demand during the month are:
1. 54-40 or Fight. Hough
2. The Trail of the Lonesome Pine. Fox
3. Septimus. Locke
4. Peter. Smith
5. The Red Mouse. Osborne
6. The Missioner. Oppenheim

Record for March.
THE DESERET NEWS BOOK STORE
6 Main St.

Grip Don'ts.

Don't kiss the children.
Don't delay going to bed.
Don't attempt to walk the attack down.
Don't take a cold or even a hot bath.
Don't use any alcoholic stimulants.
Don't eat a heavy meal.
Don't associate with the family.
Don't forget to take Chamberlain's Cough Remedy.
Don't let your bowels become constipated.
Don't leave your bed until the worst is over, nor venture out until fully recovered.
Do this and the grip is shorn of nearly all its terrors. Grip never results in pneumonia when Chamberlain's Cough Remedy is used.

A Store Full of Value-Giving Surprises Will Greet You

When You Enter the Auerbach Store Monday!

Every Department has some extraordinary Value to offer—it'll be one of those typical Bargain-Giving Days that have rightfully earned for Auerbach's the distinction of being the "Economy Store" of Salt Lake. Read, study, share in the worthy offerings quoted in this Announcement.

MONDAY
15c Fine Zephyr Ginghams
And
15c Fine Seersucker Ginghams
In the prettiest colorings—in all the newest spring patterns—checks, stripes and solid colors, the best washing fabrics, for one day. Limit 12 yards to a Customer, at a yard 8½c

MONDAY
50c Laundry Bags
Made of the best art Denim, in the newest art colorings and oriental effects, one day, one to a customer at, each—
26c

MONDAY
20c White Embroidered Dress and Waist Swisses
In dotted and figured designs, for one day, 12 yards to a customer at, a yard—
11c

ESTABLISHED 1864
F. Auerbach & Bro.
ONE PRICE TO ALL NEVER UNDERSOLD

MONDAY
$2.00 Lawn Waists 98c
Dozens and dozens of handsome embroidered lawn waists of sheer lawn, new long sleeves, positively worth $2.00. Monday as long as they last—
98c

MONDAY
36 Inch Black Taffeta Silk
Black Taffeta Silk, 36 inches wide, elegant quantity, chiffon finish but very firm and durable. Regular value $1.25, special Monday at, a yard—
89c

MONDAY
Children's Night Gowns
Best 50c Value at 25c
Children's Gowns of good quality Muslin in sizes 4 to 12 years, made with tucked front and double back yoke, a quality that sells regularly according to size up to 50c each, on sale at 25c

MONDAY
$1. Hemstitched White Linen Dresserscarfs and Squares.
Size 18x44 and 18x50, $1.00 Hemstitched White Linen Squares, size 20x30 and 36x36, and $1.00 Scalloped White Center pieces, sizes 30x30; for one day, one to a customer at, each—
59c

MONDAY
25c New Economy Linen
Double width, for Suits, Separate Skirts and children's dresses in all the wanted cororings—for one day, limit 12 yards to a customer at, a yard—
14c

MONDAY
150 pcs White English Long Cloth
Full yard wide, 12 yards in each piece, value $1.50, one day, one bolt to a customer at, a bolt—
96c

SALE BEGINS MONDAY AT 8:30 A. M.

MATCHLESS
Suit Bargains!
A LUCKY SUIT CAPTURE!

BE IN EARLY For the FIRST CHOOSING

300 Stylish Spring Suits at Less Than the Material Alone Cost.

LADIES' FINE TAILORED SUITS CHEAPER THAN YOU EVER BOUGHT THEM BEFORE—OR EVER WILL AGAIN—THE LUCKIEST PURCHASE IN OUR CAREER.

OWING TO THE BACKWARD SEASON IN THE EAST, WE WERE ABLE TO SECURE THE ENTIRE SAMPLE STOCKS OF SEVERAL MANUFACTURERS OF LADIES' SUITS. PRICE CONCESSIONS WERE SO GREAT THAT WE TOOK ADVANTAGE OF THIS OPPORTUNITY TO ENABLE US TO GIVE THE LADIES OF SALT LAKE AND VICINITY THE GREATEST SUIT VALUES EVER OFFERED IN THIS SECTION. THE PRICES NAMED ARE LESS THAN THE MATERIAL ALONE COST. TAKE ADVANTAGE OF THIS OPPORTUNITY TO SAVE A SNUG LITTLE SUM ON YOUR SUIT.

Up to $15.00 Sample Suits $8.75
Beautiful Tailored Suits of Brilliantine and Panama cloth, worth up to $15.00 in this sale $8.75

Up to $20.00 Sample Suits $13.95
The most desirable tailored Suits of all wool serge, a large variety of colors, worth up to $20.00 this sale at $13.95

Up to $27.50 Sample Suits $17.45
The Greatest collection of chic, charming Suits, in many materials, Panamas, serges, bedford cords, etc. Worth up to $27.50. In this sale $17.45

MONDAY
Mohair Sicillian
56 inch extra heavy Silk finished, in navy blue, brown, green, garnet, black and cream. Regular $1.25 a yard. Special Monday at a yard—
68c

MONDAY
Belts
49c
For fine elastic belts in black and colors with fancy metal buckles, a great variety of 50 cent values to choose from at—
49c

MONDAY
Ladies' Union Suits
Best $1.25 value at—
79c
White Jersey ribbed Union Suits in high or low neck, long or short sleeves in all sizes. Harvard make. Best $1.25 grade at—
79c

High-Class Millinery At Mediocre Prices.

The after-Easter Millinery productions never fail to impress one as being more elaborate and more handsome in detail than the early comers. The designers settle down to the studying of competitor's ideas, each extracting the best thought and combining them, the result can easily be imagined.

After-Easter Parisian models and after-East New York creations have first showing Monday, handsome in the extreme, and priced from $10.00 to $20.00.

The special lots in the lower priced millinery $9.75 hats at $5.75, and $8.75 hats, at $4.75. Made in all the New Light Shades and Beautifully Trimmed in fine materials Monday at—

$5.75 and $4.75

Silk and Dress Goods--Extras

We mean that prices have been still further reduced from figures that already were commanding the attention of the shrewdest Shoppers. By way of Illustration we ask you to examine these Values—not to be matched in the West—and they are but a small part of the Wonderful Bargain—Offerings—

New Silks
SATIN FAILLE, 19 inches wide, new and fascinating fabric, rich Messaline finish with the desired draping effect now so much in vogue in Paris and New York in Colors, black and all the popular shade, good value at $1.25 on Sale at per yard 95c

Fancy Silks
FANCY SILKS, 19 inches wide, suitable for waists and one piece gowns in all colors, many designs to choose from some stripes, dots, geometrical designs and others, regular value 90c, On sale Monday and week at per yard 65c

Wool Taffeta
44 to 45 inch Taffeta Cloth in black and all colors—Regular $1 a yard. Special per yard 73c

Satin Prunella
44 to 45 inch plain and stripe Extra finish Satin Prunella cloth in black and all the most stylish colors, including peacock, nutmeg, wistaria, duckneck, Copenhagen, smoke etc., Regular $1.35 a yard. Special for Monday and Week 1.05

Boy's Clothing Bargains The Greatest ever

With Such values as follow, long prefaces are unnecessary. Each offering speaks for itself. Read carefully.

$3.00 SUITS AT $2.15
Splendid $3.00 values, new up-to-date Patterns. Sizes 7 to 16, to get acquainted come and take a suit at $2.15

$5.00 SUITS AT $3.65
New, attractive patterns for spring in suits of good quality. You'll be surprised when you see what you can buy at a saving of $1.35, $5.00 values on sale at only 3.65

$10 SUITS AT $7.65
Pure wool worsted and cashmere Suits made up in high class custom tailor-made fashion, just as well built and neatly proportioned as any tailor-made garment can be. The very latest models embracing all that is clever and up to the-minute in style. Good $10.00 values special at only $7.65

MONDAY
White Goods
25c White India Linon; 25c White Persian Lawn; 25c White Checked and Plain Nainsook; 25c White Checked and Striped Dimity; 25c White Lingerie Batiste; for one day at, a yard—
14c

YOUR SHOE BUYING

CAN BE SAVINGLY ACCOMPLISHED BY ATTENDING OUR SPECIALS NEXT WEEK.

Ladies' Black Kid OXFORDS cloth or Kid tops, sale price pair $1.70
Ladies' Black or Tan OXFORDS for street or dress wear, value $2.50. Sale price per pair $1.95
Ladies' Black or Brown OXFORDS heavy or light soles. Value $3.25, sale price $2.45
Ladies' Finest OXFORDS or PUMPS in all styles and leathers, value up to $5.00. Sale price, per pair $3.45

Many Very Useful Values in LACE CURTAINS!

EVER SINCE THE CURTAIN SECTION WAS MOVED INTO NEW AND LARGER QUARTERS, BUSINESS HAS FLOURISHED SPLENDIDLY. STOCKS ARE LARGER AND FINER THAN EVER. PARTICULAR ATTENTION IS CALLED TO NEXT WEEK'S SALE OF IRISH POINT AND CLUNY LACE CURTAINS.

$2.00 IRISH POINT & CLUNY LACE CURTAINS, in this Sale, per pr. $1.69
$2.50 IRISH POINT & CLUNY LACE CURTAINS, in this Sale, per pr. $1.98
$4.00 IRISH POINT & CLUNY LACE CURTAINS, in this Sale, per pr. $2.40
$4.50 IRISH POINT & CLUNY LACE CURTAINS, in this Sale, per pr. $2.60
$5.00 IRISH POINT & CLUNY LACE CURTAINS, in this Sale, per pr. $2.85
$5.50 IRISH POINT & CLUNY LACE CURTAINS, in this Sale, per pr. $3.60
$6.00 IRISH POINT & CLUNY LACE CURTAINS, in this Sale, per pr. $4.20
$7.00 IRISH POINT CURTAINS, go in this Sale per pair $4.60
$7.50 IRISH POINT CURTAINS, go in this Sale per pair $5.20
$9.00 IRISH POINT CURTAINS, go in this Sale per pair $6.60
$12.00 IRISH POINT CURTAINS, go in this Sale per pair $8.60
$15.00 IRISH POINT CURTAINS, go $10.35
$17.50 IRISH POINT CURTAINS, go in this Sale per pair $12.80

A Most Amazing Sale Of
Ladies' White Skirts
At $1.99

These Skirts are made of finest Muslin or Cambric, with deep flounce beautifully trimmed in fine Embroidery or Lace. There's a Great Variety to choose from but some are better than others so make your selection early in the week. They are regular $3.00 and $4.00 values; the uniform sale price each $1.99

MONDAY
Ladies' Drawers 50c Grade at 29c
Open mesh knee length drawers, trimmed in deep lace, all sizes, 50 cent grade, on sale at—
29c

MONDAY
TOWELS
50c BLEACHED TURKISH BATH TOWELS.
50c UNBLEACHED TURKISH BATH TOWELS.
50c HEMSTITCHED HUCK TOWELS.
50c HEMMED LINEN HUCK TOWELS.
50c HEMSTITCHED DAMASK TOWELS.
50c FRINGED DAMASK TOWELS.
For one day, 1 dozen to a Customer, at each 19c

MONDAY
$2.50 Real Bagdad Striped Couch Covers
Three yards long and 50 inches wide—for one day—one to a customer at, each—
$1.48

MONDAY
$5.00 Imported White Marseilled Bedspreads
Scalloped and fringed — square and with cut corners—for one day—one to a customer at, each—
$2.98

MONDAY
8 1-3c Bleached Muslin
For one day—limit 12 yards to a customer at, a yard—
4 1-2c

MONDAY
18c Twilled Linen To weling
Bleached and unbleached, and 18c Checked Linen Glass Toweling, for one day, 12 yards to a customer, at, a yard—
12c

MONDAY
$1.25 Men's Union Suits
Ribbed balbriggan with short or long sleeves, special at
$1.00

MONDAY
75c Unlaundered Shirts
Men's white unlaundered shirts—all sizes. Special at only—
49c

MONDAY
50c Men's Suspenders
President, Uncle Sam and other brands, special at
33c

MONDAY
Oxfords
Boys' Tan or Gun Metal Calf Oxfords in the newest spring styles, sizes 2½ to 6½, sold everywhere at $3.75. Our price Monday—
$2.95

MONDAY
Hose Supporters
25c Grade at 1c
Fancy elastic hose Supporters with button clasp and safety pin top, all colors, 25c grade at
10c

MONDAY
Ladies' Night Gowns
50c Grade at 39c
Muslin Gowns, cut full width and length, made with double back and tucked front yoke, all sizes, on sale at—
39c

MONDAY
Embroidery Flouncing
$1.00 and $1.25 value at ..... 49c yd
24 inch deep Embroidery Flouncings in beautiful open worked designs, a great variety of perfectly worked designs on fine materials on sale Monday, at 49c