

### SCIENTIFIC MISCELLANY.

The brightness of the Arctic land-ice even on a cloudy winter night has been reported to Prof. Milander, of Helsinki, Finland, that the snow has some luminescence. Testing this with a camera buried in the snow no satisfactory results were reached at first, but a striking photographic effect appeared later. As the sensitive plates had been

covered with sheets of metal, it was thought necessary to determine the influence of these sheets. The experiments have proven that radiations from metals—so evident at white heat—are still emitted in cold, and that all metals give off violet and ultra-violet rays even at ordinary temperatures. Chemical action at the surface of the metal is a possible cause. It is suggested that the ionizing power of these rays play an unconsidered part in na-

ture, and that they may specially affect the eyes of animals that see in the dark. Medical climatology, a medical writer tells us, is developing into a science. It is an American science, for it is in America, where the many types of men are out of their natural habitat, that the habit of seeking a change of climate as a general cure-all has become almost universal. The kind of change

needed is gradually becoming understood. A dry and bracing climate is not adapted to all persons, and sunshine is too stimulating for many, while damp and fog seem to be necessary for certain nervous people and perhaps all blondes. An equable, relaxing climate acts as a sedative in disease of heart and kidneys. The projected map of the whole world on a scale of 1 to 1,000,000, or about one-

sixteenth of an inch to a mile, will embrace 427 sheets, of which 69 are reported to have been finished up to last March. On this map the United States will have a length of 14 feet. Whether a body gains or loses weight on heating, or neither, is a problem of possible importance. A comparison of the attraction of two bodies at different temperatures can hardly be made, and Poynting, an English physicist, has

tried the plan of weighing a body when cold and again when heated. With great care, it was shown that the solid body weighing 238 grammes lost 0.0003 of a milligramme on being heated from 15 degrees to 100 degrees C. Only a small portion of the extraordinary energy of radium proves to be that of the alpha, beta and gamma rays. Recent experiments have been made by K. Angstrom with colori-

meters of lead, copper and aluminium, and the results indicate that most of the energy must be given out in the form of radiant heat. The fish of Little Belt in Denmark, being very shy of light, move about only on dark nights, and this has suggested the curious experiment of lighting the channel bottom with incandescent lamps to prevent migration of the fish to the larger seas.

### Pillow top special.

A handsome line of ready-made tapestrie pillow tops and embroidered pillow tops in lithographed designs, ready for stuffing, worth \$1.50 and \$1.75 each. This week, your choice ..... 75c

## Now for the great annual sale of embroideries and laces.

This time we are better prepared than ever before.

Wonderful as these events have been in the past, this will far surpass any of them. All the pleasing new designs and ideas find expression in this wonderful assortment.

Monday the sale begins. Lasts the entire week.

This is the time to buy graduation dresses and laces. Not another such opportunity will be offered this season. We mention a few leaders. Many other lines just as good.

#### Lot 1. French and Italian vals.

With insertions to match. This will be sold by the dozen yards. Worth from \$1.25 to \$2.50 the dozen. This sale ..... 85c

#### Lot 2. Pretty val laces.

In new and dainty designs. The kinds that always sell at \$1.00 the dozen. You select during this sale at, the dozen ..... 35c

#### Lot 3. Platte val laces.

100 pieces included in the lot. All widths with insertions to match. Worth 15c to 35c the yard. This sale, your choice, yard ..... 10c

#### Lot 4. Imitation torchon laces.

100 pieces with insertions to match. Worth 10c, 15c and 20c the yard. This sale, your choice ..... 5c

#### Lot 5. Net top laces.

50 pieces, included. Fine for trimming Summer dresses and kimono or dressing gowns. All widths. Worth 50c up to \$1.50 the yard. This sale ..... 27c

#### Lot 6. Embroidery medallions.

25 pieces of these. For trimming children's Summer dresses and shirt waists. Worth 35c to 75c the yard. This sale, the yard ..... 25c

### Corset cover lengths in Swisses and nainsooks.

A very handsome assortment. All 1 1/2 yards long. Cut and ready for immediate delivery. Worth 90c for 45c; worth \$1.00 for 50c; worth \$1.50 for 65c; worth \$1.50 for 75c; and worth \$2.00 for \$1.00. In other words, exactly half prices.

Embroidery in Swiss, Nainsook and Cambric—edges, flouncing and insertion. All lengths. All widths. Prices lower than ever before. All cut in lengths and ready for rapid selling. This will be the greatest Embroidery sale yet. Starts Monday. CENTRE AISLE.



## Walker's "new ribbon department" opening

Location—East aisle—main store. At left of Third South entrance or at right of Main street entrance.

The new ribbon department will be entirely separate from our regular ribbon department in the millinery section.

The convenience, the brilliant light, the immensity of the department and the completeness of the stock all go to make it the finest ribbon department in the city.

Indications point to the coming season, being the greatest ribbon season in years. Hence this additional department. We are prepared to handle any amount of business.

Ribbons will be used this year for tabs, for bows, for girdles, for hats, for neckwear, trimmings, table bows, rousers, rosettes, sashes and all kinds of fancy work.

We inaugurate this new department with the greatest sale of ribbons ever attempted in Salt Lake City.

Here are some of the ribbons that will be on sale: The largest line of warp prints ever shown here. All the new ideas in flowered Persian, stripes, dotted and plaid, satin taffetas in all widths and shades. Gros grain in all shades for tabs and shoe ties, novelty wash ribbons for lingerie and messaline in all the new shades.

We will sell ribbons at least 20 to 40% cheaper than you can buy them again this season. It will be spring's most sensational ribbon sale. We quote these few prices just to show how ribbons will sell next week.

This is great—

#### All silk chiffon taffeta.

2000 yards, 6 inches wide, white, cream, pinks and light blues. For sashes and hair ribbons. A good 40c value. Opening ..... 25c

This is great, too—

#### Beautiful warp print flowered ribbons

1,000 yards. All Silk No. 16. A recognized 35c grade. Opening sale ..... 12 1/2c

This is also great—

#### Warp print flowered ribbons

500 yards No. 80 or 5 inches wide. Novelty edges. All silk. For kimono, neck pieces, etc. Worth 50c the yard. Opening sale ..... 33c

This is still greater—

#### Roman stripe tab ribbons

500 yards of No. 9, worth 25c the yard, and 500 yards of No. 9, worth 30c the yard. Opening sale ..... 14c

### From the men's corner.

#### A night shirt opportunity.

These are made of an excellent quality of muslin. They are full fashioned and well made. All sizes. Each one worth \$1.00. Monday and week we offer them at, your choice ..... 65c

#### Men's four-in-hands.

An excellent assortment of good neat patterns. All worth 35c each. Monday and week, we make the price ..... 25c

### Stationery and toilet articles underprice.

#### Hurlbut's box stationery.

Neatly boxed, excellent quality of paper. The assortment comprises both white and tinted. A regular 45c value. We offer it Monday and week at, the ounce ..... 25c

#### Royal lilac toilet soap.

Large size cakes. An excellent article. Delicately perfumed. We offer it Monday and week at the cake ..... 8c

#### Dabrook's fragrant perfumes.

We offer a special lot, in violet, carnation and white rose aromas. Special Monday and week at, the ounce ..... 32c

AMERICAN TOILET SOAP—3 cakes in a box. Special Monday and week, the box ..... 15c

GOOD TOOTH BRUSHES. The kind we sell regularly at 15c each. Monday and week, your choice ..... 10c

## 50c It's a great half-dollar silk sale! 50c

The largest collection of American silks ever offered at one price in the west.

You choose at the yard 50c First come. First served.

Unusual trade conditions in the manufacturing centers bring these silks to us at prices that will cause a tremendous sensation in Salt Lake City.

They are all worth two to three times the price asked.

Included in the phenomenal assortment are: 75c grey effects—90c black Indias—\$1.00 changeable taffetas—\$1.00 plaid silks—\$1.25 neat fancies—95c pongees—\$1.00 fancy wash silks—55c cream and white Bengalines—75c white wash Indias—\$1.75 rough silks—75c black taffetas—and short lengths worth up to \$2.00 the yard. Over 5000 yards of all kinds of silks. For waists—for suits—for petticoats—for children's dresses—for coats—for every silk purpose.

All new silks. All swell silks. All valuable silks.

Monday—this whirl wind sale starts. No samples. No exchanges. No approvals.

They're here They're elegant They're right for this season.

50c

### A splendid sale of women's hosiery.

An opportunity every woman in Salt Lake should hasten to grasp.

This is a line we can not advocate too thoroughly. Only the most excellent values are included. The assortment comprises elegant fine gauge, black hile thread stockings. Handsomely embroidered in dainty patterns of various colors.

All sizes—An excellent assortment at 65c the pair—Monday and week we offer them at 3 pairs for \$1.00 or the pair ..... 35c

CHILDREN'S FINE RIBBED BLACK LISLE STOCKINGS. Very elastic and durable. Made with double heel and sole. All sizes from 5 to 9 1/2. Special Monday and week, three pairs for ..... 50c

BOYS' BLACK COTTON STOCKINGS. Fine or coarse ribbed. Very elastic. Excellent weight for hard knocks. Double heel and toe. Worth 25c pair. Monday and week, the pair ..... 19c

### Our cut flower dept.

Steadily increasing patronage at this popular department demands larger stocks of flowers. You would hardly believe we have sometimes as high as three thousand carnations in our show cases at one time. But it's a fact—made necessary by the tremendous amount of business done in this department.

American Beauties, Brides Roses, Violets, Carnations and beautiful potted plants in luxuriant profusion. Come and see them. DESIGN WORK A SPECIALTY. Open every Sunday. Main Street entrance.

### Specials for the week in the suit section.

\$10.75 for cravenette coats worth \$12.00 and \$15.00 each.

These are in tan and grey. Shaped style and box pleated on back. Finished with belt. Very excellent values. The most convenient and useful garment in a woman's wardrobe.

\$4.95 for handsome waists worth \$7.50 each.

This assortment comprises very pretty creations of silk taffeta and German Vals. Yoke and front lace. Sleeves and waist band entirely of lace. Shades are blue, black and cream. Very fetching.

\$22.50 for spring suits worth up to \$32.50

This handsome line of suits comprises all wool fancy mixtures in all shades of grey. The pony fitted jacket predominates in the assortment.

#### Pretty white lawn waists.

Trimmed with embroidery and lace. Tucked cuffs. Very stunning effects. Worth \$1.50 each. Your choice ..... \$1.25

#### Three quarter length coat.

Of light materials in fancy mixtures. Worth \$10.00 each. Monday and week, your choice ..... \$7.95

### Monday and week specials from the undermuslin dept.

WOMEN'S DRAWERS—In muslin and cambric. Trimmed with torchon lace and fine tucks and embroidery. Worth 75c each. Special ..... 50c

WOMEN'S NIGHT GOWNS—Of an excellent quality of nainsook and muslin. Square and V-neck. Tucked yoke and insertion. Worth 75c each. Special ..... 39c

CORSET COVERS—In the full French model, with round yoke and trimmed with torchon lace and ribbon. Worth 50c each. Special ..... 39c

NEGIGEE AND TEA GOWNS—About ten in the lot. Very beautiful but slightly soiled from handling. Made of Albatros and cashmere. Shell pink and baby blue. Worth \$17.50 to \$25.00 each. Special ..... \$6.95

### Children's spring coats worth \$5.00 each for \$2.95.

These are very natty. Small checks in all wool material. A well made excellent wearing garment.

MISSIE'S CRAVENETTE RAIN COATS—In tan and grey. Double faced material. Sizes 14, 16 and 18. Worth \$17.50 to \$18.00 each. Special ..... \$10.75

WHITE AND CREAM BABY COATS—In Bedford Cord. Lined throughout with fine fawn satin. Sizes for 6 months to 3 year old children. Worth \$2.50 each. Special ..... \$1.95

BOYS' MADRAS AND CHEVIOT SHIRTS—Made especially for our own trade. Light and dark colors. Sizes 12 to 14 inch collar. Worth 50c each. Special ..... 49c

BOYS' TROUSERS—Of all wool mixtures in dark and medium colors. All seams taped. Worth 80c and 70c pair. Special ..... 49c

### A splendid sale of dinner ware.

The comprehensiveness and excellence of our lines is well known. The assortment comprises dinnerware from the best English Pottery. All the newest shapes, latest decorations and treatments. 25 Sets on sale, comprising 36 pieces of the most necessary dishes for ordinary use. We have priced them for the week at:

The 36 piece set—\$4.25, \$5.98, \$6.98 and \$7.98.

Dishes you will pay double for anywhere else. 50c Wash bowls and pitchers. Special ..... 39c WHITE SEMI-PORCELAIN PLATES—4-inch size, per dozen ..... 40c 6-inch size, per dozen ..... 50c 7-inch size, per dozen ..... 65c 8-inch size, per dozen ..... 85c White semi-porcelain cups and saucers, per dozen ..... 75c "BUSY BASEMENT"

### Demonstration of the famous W. L. rings

Monday morning the demonstration starts. The rings are well known and guaranteed for 5 years of constant wear. Any ring failing to give satisfaction will be replaced at any store handling the W. L. rings. A written guarantee given with each ring, with date of sale.

Prices range from 25c to \$2.50 each.

### Little notions underprice.

Steel scissors, assorted sizes, worth 35c pair ..... 19c

Alko dress shields, all sizes, worth 25c and 30c each ..... 14c

Steel pleaters, worth 35c ..... 19c

White and colored feather-attach braids, worth 15c and 16c, special ..... 8c

White pearl buttons, assorted sizes, 3 dozen for ..... 5c

Capehats, nickerle plated safety pins, all sizes ..... 5c

Basting cotton, 2 1/2-yard spools, per dozen ..... 7c

Warranted fast black darning cotton, 1 dozen spools, for ..... 12c

Fancy stick pins with stone settings, worth 25c each ..... 19c

Ribbon pins, assorted colors, worth 15c card ..... 5c

White 15c card ..... 10c

Sterling silver hat pins, worth 8c each ..... 8c

Beautiful shell back combs, special ..... 48c

Gold band bracelets, worth 35c each ..... 15c

Seal leather hand bags, worth \$1.50 special for ..... 79c

Colored leather and bags, with matched coin purses, worth 50c and 75c each, special ..... 25c

### Linens, wash goods and domestics reduced this week

A remarkable sale of table cloths and napkins.

Entire surplus stock of Anton Weidel, Importers of Linens. This tremendous stock includes cloths in sizes 8-4, 8-10, 8-14, 9-9 and 10-10.

All to go at 33 1/3c on the \$1.00

Values range from \$10.00 to \$100.00 the set. Limit, 1 set to the customer.

#### Wash goods underprice.

30-inch FIGURED BATISTE—A very serviceable wash fabric. Worth 25c the yard— ..... 15c

27-inch FRENCH POPLAINS—New soft material for shirt waist suits. Worth 35c the yard, special ..... 19c

30-inch FRENCH ORGANDIES, all the new color combinations. Worth 35c the yard ..... 30c

Best Dress Gingham, the yard ..... 10c

22-inch Manchester Chambray, the yard ..... 16 1/2c

22-inch Bleached Outing Flannel ..... 11c

Black Satene, per yard ..... 18c

Madras Shirting, the yard ..... 18c

Percales, the yard ..... 12 1/2c

#### Linens specials.

1,000 YARDS SUTING LINEN—light medium and heavy weights. The 45c grade for ..... 29c

The 50c grade for ..... 39c

#### Domestics reduced.

BEST CALICO, the yard ..... 5c

Best Apron Gingham, the yard ..... 7 1/2c

The 75c grade for ..... 55c

30-inch all Linen Sheeting, \$1.50 quality ..... \$1

#### White goods reductions.

30-inch WHITE PERSIAN 30c LAWN, worth 40c, the yard ..... 30c

30 INCH WHITE INDIA LINEN worth 18c the yard ..... 12 1/2c

48-inch FRENCH LAWN, worth 60c the yard, special ..... 45c

36-inch LONG CLOTH—12 yard bolts worth \$2.00 each, \$1.45 special ..... \$1.45

### Another week of the great clearance of rugs, draperies and curtains.

So tremendous was our stock that even with the wonderful selling of last week we were unable to make much of a reduction in quantity. Then, too, many new things are coming in daily, which add to the stock and keep ahead of us. All these new things are promptly marked at reduced prices for nothing will be spared during this sale.

Look around and see if you can buy Smith's Axminster rugs, size 9 by 12, worth \$22.50 each, for ..... \$22.50

There are plenty for all. We are not "just out."

1,000 CLOTH WINDOW SHADES, 3 feet wide and 7 feet long. All colors. Worth 40c each. Special ..... 25c

Limit one dozen. 100 CURTAIN STRETCHERS. The newest patent, our "1906 GEM" for this sale ..... \$1.39

1,000 YARDS OF DRAPERY SILK, 45c to \$1.00 values ..... 45c

500 YARDS ENGLISH AND FRENCH TAPES, TRIER, worth \$2.00 to \$4.00 the yard, to close ..... \$1.00

BAGDAD WILTON RUGS, new patterns. A recognized \$4.00 value 8pc ..... \$35.00

100 PAIRS RUFFLED NET CURTAINS. Good quality net. Fine grade of lace, and battened burg trimmings. Worth \$3.00 pair ..... \$1.75

100 PAIRS OF LACE CURTAINS, 30 inches wide, 108 inches long. Worth 2.00 pair ..... 87c

25 ROPE PORTIERES: Worth \$3.00 each. Special ..... \$2.50