# If "Old Jim Bridger Lame Back THENTY MILES OF TRESTLE EARTH FOR THE BIG FILL GREAT SALT LAKE AND ITS "LONGEST

WOULD HE KNOW IT? If "Old Jim" Bridger came back to Great Salt Lake would he recognize it as the body of water he discovered in 1825? Just let your imagination travel up and down the century, dur ing which the American has made the Utah desert to blossom like the rose. Would he know it? Or wouldn't he? What

By ROBERT H. MOULTON

do you say?

should come back now, he oration, the salt remained. would be amazed to see the long-

part under water is Great Salt lake, and it is called Great Salt lake. The cut-off is as straight as the crow flies. It was built to save the greater miles, is 75 miles long, 31 miles wide desert. Sixteen hundred and eighty grades and curves and distance of the and, in the deepest places, 30 feet tons of fresh water were used each bring slowly to a boil and simmer old line. The curves the new line deep. It is the most saity sea on | day. All of it was brought many until the peel is tender. Drain and saves would turn a train around earth except the Dead sea. In every miles by train-some of it 80 miles, let stand for two hours. Remove all eleven times. The power saved in five pounds of water is one pound of some 130 miles. moving an average freight train be- salts, of which 13 ounces are comcause of lower grades, would lift an mon salt. Geologists have estimated trees were cut down to make the cupfuls of sugar with one-half cupful average man 8,500 miles.

there was a great lake in Utah, far over, that there are 400,000,000 tons lake. Placed end to end these piles minutes; remove with a fork and roll larger than the present Great Salt of salt in its waters. Lake Michigan, and much deeper.

saw it, for it was all in prehistoric 1.1210-

and the Columbia runs into the sea. Great Salt lake lay in the center and to Buffalo.

The place where Salt Lake City now | barred the way. So they built the stands was then 900 feet under water. track around the lake to the north. A Lake Bonneville grew smaller and much more business. Engines were smaller until it was no larger than five times as large. Freight cars Lake Erie. No stream now ran from would carry five times as much weight. it, for its surface was lower than Between Ogden and Lucin was a fine, the pass to the north,

and set it out into the warm sunshine, deep, lay in the way. And so every were ever so little salt in the water, ther than would be necessary if a road the salt will still be in the pan after were built straight across the lake. the water is gone.

Thus it was with Lake Bonneville AMES (otherwise known as The rivers that ran into it had a little mountain and then at the level way "Old Jim") Bridger, plains- salt in them. So long as a river across Great Salt lake and they said: man, mountaineer, Indian ran out of Lake Bonneville it carried trader, explorer, path- this salt away as fast as it came in. finder, discovered Great But when no river flowed from it, and Salt lake in 1825. If he the water went up in the air by evap-

In time Lake Bonneville grew very est bridge ever constructed, where salty. The seasons grew drier and to build a mile and a quarter of tresthe tracks of the Southern Pacific drier until one hot summer day Lake the a week-over a thousand feet for railway cross the lake on a typical Bonneville was no longer a lake of each working day. In June, 1902, American timber trestle 20 miles in water, but just a lake of salt. No trainloads of steel rails reached the length. Originally this bridge was one knows how long Lake Bonneville lake. In July came the first piles. 28 miles in length, but eight miles of was dry. Eventually, however, an- Many of the latter were so long that the trestle have been replaced by a other change came. The seasons grew three cars had to be chained together Officially this bridge is called the so fast. Perhaps more rain fell and men were at work. In the cold of win-Great Salt lake cut-off of the South- the rivers that ran into the saucer ter and the heat of summer there was ern Pacific road. It is a railway line grew larger. At any rate, a new lake no stopping. Steadily the great pathlaid in an old lake bed from Lucin to came where the old one had been. It way grew. Each day the pile drivers Ogden, Utah, 103 miles. Part of this was not so large as Lake Bonneville. made hundreds of yards. Each day

> Great Salt lake covers 2,000 square that Great Salt lake is at least 23,000

lake. Roundabout was a lot of high Every three years and a half the would reach from Chicago to Buffalo. land which looked like a saucer with sun draws up from the lake as much On several occasions the piles were same way; a mixture of the three mountains for its rim. This lake was water as is now in it. But the streams driven so fast that the trestle grew a thousand feet deep. Its surface flowing into the lake keep it pretty at the rate of 1,140 feet per day. was just a mile higher than the face well filled, just the same. The water Every 15 feet five piles are driven of the ocean The lake was 346 miles in the lake is so heavy that one can- in a row crosswise to the track. They fuls of sugar on to boil with threetong, 145 miles wide, and 2,250 miles not sink in it. There are no fish in are fastened together on their sides around. It was almost as large as Great Salt lake. A shrimp rarely ex- with heavy timbers four and eight ceeding one-third of an inch in length inches thick. Across their tops and The first man who wrote about it lives there. Certain young flies live joining them together is a heavy beam was Captain Bonneville, hero of one in the lake before they get their 18 feet long and a foot square. Conof Washington Irving's tales. In 1831 wings. Seagulls make their home necting this beam with the next set he saw the marks high on the cliffs along the shore, and thousands of pel- of piles 15 feet away are 11 heavy where the waves once dashed. So the licans have their homes on the Islands timbers (stringers) laid lengthwise lake that once was has been named of Great Salt lake. It is said that with the track. Above these string-

Snake river runs into the Columbia, broad bed of Lake Bonneville. But wide and an inch thick from Boston

But by and by there was less rain. third of a century later there was level roadbed made by Lake Bonne-Now, if you pour water into a pan, ville. Only Great Salt lake, 30 feet by and by the water will be gone. It day trains were lifted in curves 1,500 will have evaporated. But if there feet higher and carried 34 miles far-

So the Southern Pacific railroad men looked at the old grade over the "Let us build a cut-off, a straight,

They did so. And thus came into

level line, over land, through water from Lucin to Ogden."

being the longest bridge in the world. The aim of the chief engineer was colder. The water did not evaporate as one to carry them. Three thousand lake bed is dry, part is under water. The At present this lake is very salty, the pit men loaded hundreds of cars of gravel-sometimes 400 cars.

It was an army at work in a salt

great trestle. A forest of two square of water until it spins a thread. Put Once upon a time, long, long ago, years old. They calculate, more miles was transplanted into Great Salt in part of the peel and boil for five would make a great tree that, fallen,

Lake Bonneville. But no one ever no one knows where they came from, ers is a plank floor three inches thick. Fifty years ago and more, some very Above that is a coat of asphalt, then enterprising and able men said they a foot or more of rock ballast, in Once a river ran from Lake Bon- would build a railroad across the coun- which the track and rails are laid. nexille to the Pacific ocean. This try. They did so. They built the The floor of the trestle is 16 feet river ran north through Red Rock Union Pacific east from San Fran- wide, and the lumber above the pilpass unto the Snake river, and the cisco. In 1868 they came to the flat, ing would make a boardwalk four feet

"The baby is a little girl, I sup-

# The Kitchen Cabinet

(©, 1923, Western Newspaper Union.)

It never troubles the sun that some of his rays fall wide and vain into ungrateful space, and only a small part on the reflected planet. Thou art enlarged by thine own smiling.-Emer-

GOODIES THAT WILL KEEP

Stuffed dates, figs and prunes are atways a dainty enjoyed by young



and old. Ginger Dates .- Remove the stones from large dates and fill with equal quantities of chopped ginger and nuts, using the preserved ginger and moisten with a little of the ginger sirup. After filling the dates, roll

them in granulated sugar and pack in boxes, covering with waxed paper. Fruit Rocks.-Cream two-thirds of a cupful of butter with one cupful of sugar, add two beaten eggs and when well mixed add one and one-half cupful of flour which has been sifted with one teaspoonful each of cinnamon and cloyes. Add one pound of walnuts, one pound each of raisins and dates. When all are well mixed add a teaspoonful of soda dissolved in one and one-half tablespoonfuls of hot water. Stir well and drop on buttered tins by half teaspoonfuls. Bake in a moderate oven.

Tutti-Frutti Candy.-Dissolve onehalf pound of granulate sugar in three-fourths of a cupful of water, bring to the boiling point and boil to the soft-ball stage. Chop one-fourth pound of crystallized fruit and add with one teaspoorful of vanilla. Beat until creamy, peur into a buttered tin and when cool cut into squares.

Cinnamon Cakes .- Take one-half cupful of butter; work until creamy; add one-half pound of sugar and gradually three beaten eggs. Add flour to make a mixture to roll; add cinnamon until brown and work it into the dough. Let stand in a cool place over night. Roll out in the morning as thin as possible, cut into shapes and brush with the yolk of egg; sprinkle with sugar. Bake in a quick oven.

Sea Foam .- Take two cupfuls of sugar, one-half cupful of corn sirup and one-half cupful of water. Boll to the soft-ball stage, add almond flavoring and pour over two stiffly beaten egg whites; beat until stiff, add chopped almonds and finely-minced candied cherries. When stiff, drop by small spoonfuls on a waxed paper.

Nut Cookies.—Cream ine-half cupful of butter with two cupfuls of sugar; add one cupful of sweet milk, three eggs, two teaspoonfuls of baking powder, one-half teaspoonful of salt, one cupful of walnut meats, broken in bits. Mix with as little flour as possible; chill before rolling out. Roll out and sprinkle with sugar before baking.

The man who is ever seeking to do his best is the one who is keen, active. wide awake and aggressive. He is ever watchful of himself in trifles. His standard is not "What will the world say?" but "What is worthy of me?"

### SEASONABLE DAINTIES

During the winter months when freit, such as oranges, lemons and



grapefruit are plentiful, most delicious candled sweets may be prepared from

the peel. Candied Orange Peel.-Cover the peel of four oranges with two quarts of water,

the white inner skin and when the More piles came. All told, 36,256 peel is dry cut into strips. Boil two in granulated sugar. Grapefruit or lemon peeling may be treated in the makes a very nice confection to serve with a cup of tea.

Candied Cranberries .- Put two cupfourths of a cupful of water. Boil slowly for five minutes. Wash and dry two cupfuls of large, hard, durk red cranberries, plarce each with a darning needle, then spread the berries in a single layer on a granite pan. Pour the sirup over the berries and set them into a moderate oven until they are almost transparent. Remove and dust with powdered sugar if desired.

Fruit and Nut Paste:-Take two cupfuls of dates after stoning, one cupful of peanut butter, one teaspoonful of salt. Wash and dry the dates and put through a meat chopper, add the peanut butter and mix well with the salt. Take spoonfuls of the mixture, shape into small apples, put a current for the blossom end and a piece of candied lemon or orange peel for the stem.

Raisin Pie.-Line a pie plate with pastry. To one cupful of seeded raisins add the grated rind and juice of a lemon; beat two egg yolks and mix with one-half cupful of sugar, add a cupful of water, a bit of salt and a few hits of butter. Put into the pastry shell. cover with a crust and bake thirty-five ing in simple designs, usually provides

## COATS FOR THE CHILDREN;

### TAILORED DRESSES POPULAR

past and merchandise must be closed as predicted by Paris.

warm, durable and attractive mate- day dresses illustrated, appearing in

WHILE the fancy of the designer | weather and fastened with a button.

The time-honored two-piece tailored to thoughts of spring and he busies suit has strong rivals-or allies-in himself only with things for the new the wardrobe of the busy woman season ahead, the weather man con- who spends much of her time in street tinues to hand out a brand of tem- clothes. The three-piece suit and the perature that discourages a belief in all-day dress (including the coat spring. But designers have a good dress) prove a welcome change from record behind them. Their coats for the blouse and skirt combination, eschildren and misses are above criti- pecially to business women. We apcism this winter and now is a good pear to be gliding into a tailored mode time to invest in them for present and for spring, and a tailored mode with for future use, for the holidays are a number of interesting innovations,

Innovations are in evidence in the Models for little girls are made of | coat frock at the left of the two all-



Simple Style in Child's Coat.

ials, nearly all of them cu: on the increased fullness of the skirt, the a few buttons and occasionally a siderably neglected. sleeve, somewhat fancier than the plain coat sleeve, are allowed on is flattering to full figures and is shown in the coat pictured.

two round buttons at the neck and sian, Bulgarian and cashmere coloris decorated with groups of small ings on dark-colored dresses. plaits. The sleeves are full and

straight lines to be worn with or with- heightened waistline and fuller side out a belt. Fur, in collars or in band- panels. The skirt is short enough for ings on collar and cuffs, is as univer- convenience and the lengthened pansally used as on coats for grown-ups. els are made an outstanding style fea-For children they are of the inexpen- ture by their shape and trimming of sive sorts and the plainer fabric furs silk braid. This is an adaptation of or woven furs, are liked for them. the straight-line d. as that will prove As a decorative feature nothing is becoming to siender figures. Designquite so well thought of as plaits, with ers appear to be so engrossed with box plaits in the lead on coats for making slenderizing clothes for stout juniors. A little simple embroidery, women that her thin sisters are con-The straight-line frock at the right

models where the element of style is trimmed with narrow braid used lavmuch considered and narrow patent | ishly and in a strong contrastin, color. leather belts add a snappy touch as This color contrast is another innovation that is appearing in bands

This pretty affair is fastened with of printed silk or embroidery in Per-

Serge, broadcloth and wool jersey shaped into a narrowed cuff. A saucy are returning favorites that are fea-



Two Pretty Examples of Tailored Dresses.

smart coat.

For girls from eight or nine years | The three-piece suit, that is a suit to their mid-teens, plain straignt coats, with blouse and skirt joined together often decorated with box plaits, are and worn under a coat, cape or jacket. popular. The body of the garment is is the center of interest in tailored often set on to a yoke. Fancy stitch- clothes for spring. the ornamentation that is sparingly used on them. They are nearly all provided with fur collars that may be

brought up about the throat in cold

felt hat with trimmin; of narrow rib- | tured in street dress. They will do bon and a chin strap tops off this their capable part toward promoting a vogue for tatlored clothes.

# The History of Jewels

upholder of British rule, is one of the venture. best authorities in India on oriental gems and stones of historic interest and beauty. He has for years been hopes to complete it within a reason- an rejoiced, for such a girl should Journal.

trophies which are of high material ways had so much attention; so many value, but it will bring in many a tale had craved the lifetime job of making The gackwar of Baroda who has a of romance; for no Indian jewel of the her happy. fine record as an Indian ruler, and an first order is without its story of ad-

A Man's Woman. The Woman hadn't seen her since beok about those a schoolhood days spent together. Rapbook about those treasures of the lidly they hurled questions at each "Oh, no!" answered her friend, "the Orient. He has now go to work on other. The Woman heard she had baby is a boy, too. You know, I alit, and as he is now go to work on other. The Woman heard she had baby is a boy, too. You know, I alit, and as he is now go to work on other. it, and as he is a practiced author he married a splendid man and the Wom-

able time. It will not only deal with have married happily. She had al-

"And so you've two big boys now," the Woman repeated. "Yes," her friend replied, "and a baby, too."