What Fish and Game Commission of Utah Has Accomplished

SINCE last April there has been planted in the Utah streams 6,000,000 trout fry by Fred W. Chambers, state fish and game commissioner, and his deputies.

The first egg station in the state has been installed this season in Provo canyon from which 1,000,000 eggs were taken from Utah lake native trout.

From Fish Lake nearly 4,000,000 spawn were collected and all these were successfully hatched.

The 6,000,000 fry represents in dollars the sum of $30,000.

The increase in the trout supply over last year is estimated as at least one third.

Utah is capable of supplying to the home market 90 per cent of the game fish consumed here.

At the present time 95 per cent of the game fish used in Utah is imported.

Salt sea and shell fish are among the possibilities of fish culture in the state, as appears in this article.

There are eight varieties of fish, fit for table use in Utah streams and lakes. They are: trout, large mouth black bass, German and scale carp, bullhead catfish, suckers, mullett, chub and sunfish.

Utah lake yields 500,000 pounds of common fish annually for the market, averaging 2 cents per pound.

Up to date 22,000 licenses have been issued.

Utah game consists of several varieties of ducks, geese, swan. There are snipe, various kinds of wild chicken, grouse, pheasant, and quail.

Utah affords deer, elk, antelope, mountain sheep, bear and other animals.

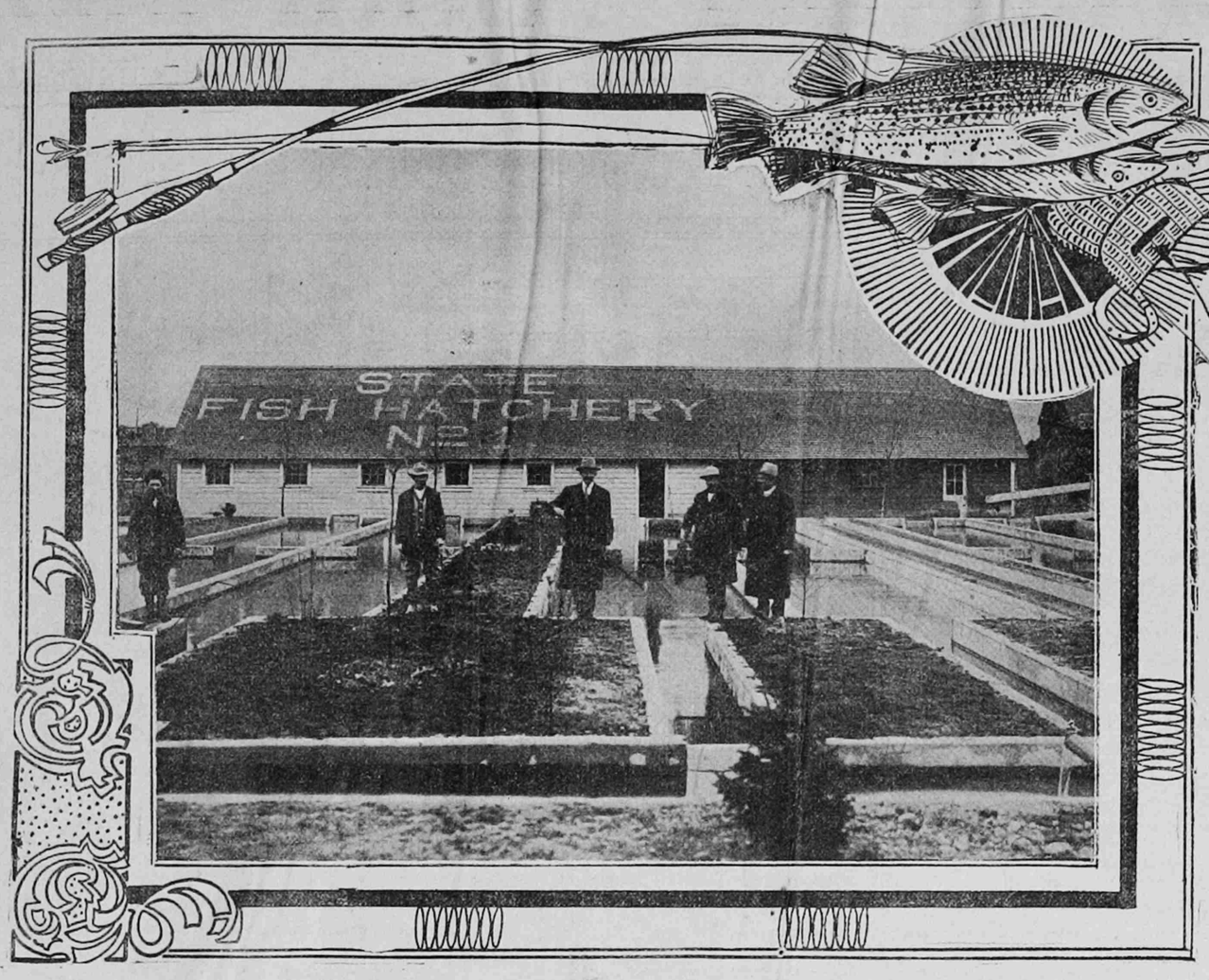
Fish and game conditions are steadily improving and bid fair to be numbered among the great industries of the state.

THE possibilities of fish culture in its varied branches is only beginning to be realized even by those who take an interest in the same and not at all by the average citizen. That Utah possesses every natural advantage for the successful propagation of game and common fish there is no doubt whatever, and, with the careful and intelligent handling of the industry there is every promise that, as one year glides into another so fast, each will be better than the last.

The pure mountain streams, the many lakes of cold clear water, the natural increase, the protection afforded by our fish and game laws, and the planting annually of millions of fry of native, eastern brook, rainbow, German brown and other varieties, should certainly gladden the heart of Utah Isaac Waltons.

Since State Fish and Game Commissioner Fred W. Chambers and his chief deputy Brig Madsen were inducted into office last April, they, with the various deputies, have accomplished a splendid work for the betterment of fish culture, and have vastly improved conditions for the sportsmen who seek fish and game. The interests of both have been carefully and successfully cared for and the future holds forth brilliant prospects.

Trout fry, in great quantities, has been planted in streams of Cache, Weber, Boxelder, Morgan, Summit, Davis, Salt Lake, Wasatch, Uintah, Carbon, Emery, Sanpete, Sevier, Piute, Iron, Garfield Beaver, Millard, Juab and Tooele counties.



FRED W. CHAMBERS.

Mr. Chambers is the state fish and game commissioner for Utah. Since his appointment by Gov. Spry, Mr. Chambers has accomplished a great deal of good in the preservation of fish and game throughout the state. He is thoroughly informed upon the conditions in various parts of the state and through the rigid enforcement of the law, and the improvements made under his direction, conditions have been materially improved. Elsewhere in this edition will be found an article dealing with the fish and game situation.

FRY PLANTED THIS YEAR.

It will be of particular interest to know just exactly what has been done by the game wardens throughout the state in the matter of planting trout fry, and the figures given herewith are authentic as they were obtained from Messrs. Chambers and Madsen after they had made a careful investigation.

Cache county—Logan river, 100,000, Blacksmith fork, 125,000; Paradise creek, 75,000, native trout. In the spring runs, 75,000 eastern brook and rainbow.

Boxelder—Boxelder creek, 75,000 native, and in middle and north branches of creek, 35,000 eastern brook and rainbow.

Weber—Spring runs in Huntsville and Eden, 80,000, eastern brook and rainbow, and in north and south forks and Beaver creeks and tributaries to Ogden river, 425,000 native trout.

Davis—Mill Creek, Holbrook, Stone creek, Kay's creek, Layton creek, 125,000 native, 60,000 eastern brook and rainbow.

Salt Lake County—Parley's, Red Butte, Big and Little Cottonwood, Lake Blanche, 450,000 native. At Mary's and Twin lakes, 200,000 eastern brook, rainbow and German brown.

Tooele—100,000 native and 35,000 eastern brook and rainbow.

Juab—125,000 native and 40,000 eastern brook and rainbow.

Millard—In Oak creek, Clear lake, Grove creek and Holden creek, 125,000 native and 50,000 eastern brook and rainbow.

Beaver—215,000 native and 40,000 eastern brook and rainbow.

Iron—In Enterprise reservoir, 125,000 native.

Summit—350,000 native and 75,000 eastern brook and rainbow.

Morgan—Lost creek and East canyon, 300,000 native and 50,000 eastern brook and rainbow.

Uintah—160,000 native, in streams tributary to Duchesne and Strawberry.

Wasatch—Headwaters of Provo, 200,000 native and 40,000 eastern brook and rainbow.

Sevier—Daniels creek, 60,000 native and 40,000 eastern brook and rainbow. Ben creek, 30,000, Greenwish, 15,000; Salina, 70,000; Monroe, 20,000; Glenwood lake, 50,000; Water, 50,000; Clear creek, 50,000 and Black Knowls, 10,000.

Sanpete—170,000. Piute, 110,000. Emery, 125,000. Carbon, 150,000. Garfield, 100,000 native and 60,000 eastern brook and rainbow. Utah, 375,000 native and 100,000 eastern brook and rainbow. There is more to be planted and a considerable amount of which accurate figures could not be obtained has been planted this year.

As to black bass, Utah lake has hatched 12,000,000, Bear river has yielded 1,500,000, Cache county 1,000,000, and Weber county 500,000. Is it any wonder that the authorities, with perfect confidence, say that the increase this year over last will be at least one third?

FISH FOR EXPORT.

"There are great possibilities in the culture of not only trout but of black bass," says Commissioner Chambers. "There is no good reason why, within two years, Utah should not supply the state with large mouth black bass. The commission will ask the legislature to pass a law permitting the fishermen to catch black bass with hook and line for the market. The trout and bass, with proper attention, should furnish Utah with 90 per cent of that sort of fish used here. Utah is today importing 95 per cent of the fish on the market here. If the conditions I have named are brought about, we will be able to export hundreds of thousands of pounds which will bring a big revenue to the state."

Utah lake has an area of 140 square miles and it is connected by fishermen who have explored the lake that there is not a body of water in the country surpassing it for fish food supply. It is centrally located and easily accessible to the greater portion of licensed fishermen. The commissioner declares that it is the duty of the state to give this body of water special attention in the matter of propagation. There bass grow to a pound and three-fourths in 16 months. Panguitch lake has an area of 6 square miles and is another body of water finely adapted for trout and bass. There is need of planting there and the state will erect a hatchery in that district, with a capacity of 1,000,000, which will supply all the streams in the southern part of the state.

PLANTING FOOD FOR FISH.

Fish lake has 14 square miles and is considered the finest in the world for trout culture but with the drawback that it is deficient in the matter of food supply. To overcome this condition the commission will plant a great quantity of silversides, or "shiners," which are not an enemy to the game fish but furnish a natural food for trout, and will double the capacity of "producing trout" in that lake.

The state will build, in Sevier county, near Richfield, a new hatchery with a capacity of 1,000,000, to stock Fish lake and tributaries.

Chief Deputy Brig Madsen has an eye on Bear lake for trout culture. "That lake" said he, "is owned jointly by Utah and Idaho. Steps are being taken to get the two states to combine in stocking the lake with the different varieties of trout, eastern brook, lake, native, German brown and rainbow."

The common fish all come, practically, from Utah lake, and it is estimated that 500,000 pounds annually is put on the market at an average of 2 cents per pound.

UTAH OYSTERS POSSIBLE.

Here is a project that Mr. Chambers has in mind which may seem daring: He proposes to raise salt sea and shell fish in Utah. "Since the cut-off at Ogden has been built," said he, "the mouth of Bear river has practically cleared the strong salt water out of all the lake north of the cut off, leaving 'sea water.' This condition is to be thoroughly investigated and, if found advisable, and conditions are suitable, and I believe they will be, salt sea and shell fish will be planted there, and this new feature will be added to the fish industry of the state. There are 35 miles of water accessible for this purpose."

The fish and game commissioner and his deputies have made a careful investigation as to the game conditions throughout the state and they are in a position to state just what they are. That the supply is now better than ever before there is no doubt whatever and with the improved conditions for the preservation of game, and with the gradual extinction of the wild animals which are the natural enemies of certain game, there is every reason to believe that a big increase will result within a very short period.

FEATHERED GAME.

As to ducks, Utah has an abundance. There are many varieties including mallard, pintail, canvassback, widgeon, gadwill, wood duck, butterball, black and red head, teal and cinnamon.

Numbered among the feathered game are included swan, jack, or English snipe, plover, curlew, and other varieties. There are sage hens in abundance also prairie chickens, Chinese ring neck pheasants, pine hens, or blue grouse, ruffle grouse known as "drummers" willow grouse and California blue quail.

The larger game consists of deer, elk, antelope, mountain sheep and bear.

According to Commissioner Chambers, all this game, with the exception of the last named, are rapidly and steadily increasing, but every effort is being made to exterminate the wild animals which are enemies to the game most sought. There is no law against killing bear and Mr. Bruin is learning to keep out of sight of man. Bear may be found in the mountains above Bountiful, in Ogden canyon and in the south, especially in Sevier county, and several fine specimens have been brought in. Only recently a fine black bear was killed by the Allen brothers near Provo and it was presented to Chief Deputy Madsen.

DUCK CLUBS A BENEFIT.

Under the law, wild ducks are well protected and the large increase in the supply is due to this and, according to the commission, to the fact that the various duck clubs are caring for and feeding the festive bird. Commissioner Chambers declares without hesitation that the clubs are a benefit rather than a detriment to the duck hunting sport. For the past five years the ducks have increased wonderfully and this is due to the fact that the various clubs have spent a great deal of money to feed the ducks and make nesting places for them. Otherwise they would not remain here but would go farther north.

Deer has increased to a considerable extent and conditions are better because of the protection afforded through the forestry department in providing for range for the animals. It is the purpose of the present commission to have the law relative to the killing of deer so amended that the animal may be hunted only from the 15th of October until the first of November and then the hunter is to have not more than one male deer and no female deer. It is also suggested that Indian agents throughout the state be called upon to assist in enforcing the law and prevent the red man from slaughtering the animals wantonly.

CHICKENS ON THE INCREASE.

The forestry service has also done much to make conditions better for wild chickens in that they are provided with range where sheep are not permitted until after breeding and nesting time. It is the hope and expectation of the commission that, within three years, Utah will be able to boast of having every kind of game bird that the climate is adapted to, this under proper care and careful propagation. It is also planned to have a reserve at each hatchery and thus increase the game birds. There are plenty of hills, valleys, and fields where many varieties of pheasants, partridge and quail are particularly adapted and there is no good reason why these places should not be well stocked. It is claimed that there has been a big increase in this sort of game and that deer has increased 100 per cent in numbers during the past three yars.

The improved conditions are largely due to the earnest efforts of the authorities throughout the state and Mr. Chambers feels most grateful for their help and for the assistance rendered by the various county commissioners and also the railroads.

Reverting to fish, it will be pleasing to know that another big state hatchery is to be erected at Spring creek in Utah county, in fact it is almost ready for the eggs. Not long ago the capacity at the Murray hatchery was about 800,000 but it is to be enlarged to, and the new one will have, a capacity of 2,000,000. So that, all things considered, the wielders of rod and gun have much to be thankful for, and the prospects for the future are exceedingly bright.

BRIGHAM MADSEN.

Mr. Madsen is chief deputy under Fred W. Chambers, state fish and game commissioner. During the past few months Mr. Madsen has visited nearly every section of the state where fish and game abound. He has directed and assisted in the planting of millions of fry, and has worked hard to see that the fish and game laws of the state were enforced.

NEXT WEEK IN HISTORY.

JANUARY 2.

1879—Caleb Cushing, jurist and statesman, died; born 1800.
1904—General James Longstreet, noted confederate leader in the Civil war, died; born 1821.
1906—General Francis Fessenden, noted Civil war veteran, died in Portland, Me.; born 1839.

JANUARY 3.

1740—Benedict Arnold, brilliant Revolutionary leader, who deserted to the British after a vain attempt to surrender West Point into their hands, born in Norwich, Conn.; died 1801.
1777—Washington defeated the British at Princeton, N. J.
1793—Lucretia Coffin Mott, reformer and abolitionist, born on Nantucket Island; died 1880.
1890—George Henry Boker, author and poet, died; born 1823.
1893—Mrs. Martha Joan Reade Nash Lamb, a distinguished historical author and editor, died in New York city; born 1829.
1908—Charles Augustus Young, astronomer, died; born 1834.

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JANUARY 4.

1789—Benjamin Lundy, philanthropist and abolitionist, born; died 1839. Lundy established an anti-slavery association in 1815. Among other means of suppressing slavery he advocated the boycott against all products from slave labor.
1882—John William Draper, M. D., philosophic writer, died; born 1811.
1894—Elizabeth Palmer Peabody, educator and reformer, died; born 1805.

JANUARY 5.

1779—Zebulon Montgomery Pike, soldier and explorer of the Rocky mountains, born; killed in battle 1813; Stephen Decatur, commodore U. S. N., born in Maryland; killed in a duel 1820.
1891—Emma Abbott, prima donna, died; born 1849.
1897—General Francis A. Walker, veteran of the Federal army and a well known economist, died; born 1841.

JANUARY 6.

1811—Charles Sumner, Massachusetts senator and statesman, born in Boston; died in Washington, 1874. Sumner acted as a confidential adviser of President Lincoln.
1893—Carlo Alberto Cappa, famous band leader, died in New York city; born in Sardinia, 1834.

JANUARY 7.

1718—Gen. Israel Putnam born in Danvers, Mass.; died 1790. Putnam won laurels as a gallant soldier before he became "Old Put" of the Revolutionists. He joined the "Sons of Liberty" in Connecticut and was among the first to march against the invaders.
1872—James Fisk, Jr., sensational "high financier," killed by Edward S. Stokes in New York city; born 1835.

JANUARY 8.

1815—Battle of New Orleans. Jackson's extraordinary victory was gained with only a trifling loss. Over 2,600 Britons fell. Jackson's loss was eight killed and 13 wounded. His triumph was enhanced by the fact that it was wholly unexpected and was against enormous odds.
1821—James Longstreet, distinguished soldier, born in Edgefield district, S. C.; died Jan. 2, 1904.
1849—George Croghan, hero of the battles of Tippecanoe, Fort Meigs and Sandusky, died in New Orleans; born 1791.
1902—Gen. Francis J. Herron, noted federal officer in the Civil war, died; born 1840.

RUSSIAN NOBLES BECOMING POORER

The czar and the more aristocratic of the ministers are in dire perplexity with regard to the increasing poverty of the Russian nobility. Some statistics which have been collected recently go to show that within the last eight years the income of this caste has decreased more than 40 per cent on the average, and that in some cases it has fallen more than 80 per cent.

The noble land owners are in a parlious state, and are flocking into the land banks with their possessions in order to raise the most ruinous mortgages. Within the period under review land belonging to nobles has been mortgaged to the incredible amount of $3,000,000,000, and it is computed that the value of the property in question is nearly four times this amount. Nearly 6,000 houses belonging to men of noble birth have been let or sold within the same time. In the army the number of nobles applying for commissions has enormously decreased, as they find it impossible to maintain themselves. Their places are being taken by the rich merchant and professional classes.

Chambers of commerce throughout the country state in their reports that the number of nobles engaging in trade is rapidly increasing, and that the idea of trade being beneath the dignity of a Russian noble is rapidly disappearing. No fewer than 17,000 persons of noble birth have applied within the last eight years to be admitted to the bourgeoise class with the object of being relieved from the class tax which now presses so heavily on them.—Ex.

HIS QUALIFICATIONS.

He was pleading his cause earnestly. "I am wealthy," he said, "and could make ample provision for you."

She nodded and checked one point off on her fingers.

"I have had experience with the world," he continued.

She checked off another point.

"I have passed the frivolous point," he went on, "and I have the steadfastness, the age and the wisdom to guard and guide you well."

He paused for an answer.

"The points you make are strong ones," she said, "but they lead undeviatingly to the conclusion that you would make an excellent father for me. You have all the necessary qualifications, but just now I am looking for a husband."—New York Times.

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STOCKHOLDERS MEETING.

The annual stockholders' meeting of the Metal Extraction Company will be held at the company's office, 30 Main Street, Salt Lake City, Utah, on Saturday, Jan. 11th, 1910, at 9 o'clock a. m. Business to be considered: Election of officers, consideration of reports and the changing of the articles of incorporation to make the stock non-assessable.

R. R. ROMNEY, Secy.

Dated Dec. 22, 1909.

STOCKHOLDERS' MEETING

Notice is herey given that a special meeting of the stockholders of the South Columbus Consolidated Mining Company, a corporation of Utah, has been duly called to be held and same will be held at the office of the company in the Judge Building, corner of Main and Third South Streets, Salt Lake City, Utah, on the 22nd day of January, 1910, at 10 o'clock a. m. of that day, for the purpose of voting to amend the Articles of Incorporation of the company, and particularly Article XV thereof so that said Article XV will hereafter read as follows, to-wit:

ARTICLE XV.

"The term of office of said officers and directors shall be for one year and until their successors are elected and qualified, and they shall be elected by the stockholders at the regular annual stockholders' meeting which shall be held at the general office of this corporation in Salt Lake City, Utah, on the second Tuesday in June, 1910, and annually thereafter at the same place at 10 o'clock a. m. of that day. No notice of any future annual meeting of stockholders need be given to the stockholders. Any of said officers or directors may be removed by a two-thirds vote of the stockholders represented at any meeting of the stockholders called for that purpose."

By order of the Board of Directors.

TONY JACOBSON, President.

VAL S. Snow, Secretary.

Dated December 21st. 1909.

DELINQUENT NOTICE

THE SILVER DIPPER MINING CO. Principal place of business, Salt Lake City, Utah. Notice.—There are delinquent upon the following described stock on account of assessment No. 5, levied on the 22nd day of October, 1909, the several amounts set opposite the names of the respective shareholders as folows:

Name.	No. Shrs.	Amt.
Alex. Wallace, Bal	88	$0.50
Grant & Howard, Bal	77	0.36
John Peterson	43	0.31
J. R. Smith, Bal	179	0.53
J. R. Smith, Bal	180	0.53
J. R. Smith, Bal	181	0.51
J. R. Smith, Bal	182	0.52
J. R. Smith, Bal	183	0.52

And in accordance with law and an order of the Board of Directors made on the 22nd day of October, 1909, so many shares of each parcel of such stock as may be necessary will be sold at the office of the company, 306 Scott Building, Salt Lake City, Utah, on the 17th day of January, 1910, at 2 p. m., of said day, to pay delinquent assessment thereon, together with the cost of advertising and expense of sale.

Date extended from December 10, 1909, to date hereof.

CHAS. E. STREET, Secretary.

DELINQUENT SALE.

GRANITE COPPER COMPANY, Salt Lake City, Utah. Notice.—There are delinquent upon the following described stock on account of assessment levied November 6th, 1909, the several amounts set opposite the names of the respective shareholders as follows:

Name.	No. Cert.	No. Shrs.	Amt.
S. M. Levy	3	200	$ .40
Gideon Snyder	5	29,000	58.00
Gideon Snyder	4	600	1.20
Bismarck Snyder	6	100	.20
Ray S. Bowman	7	100	.20
Joshua Greenwood	22	2,000	4.00
Jesse W. Johnson	20	2,500	5.00
Daniel Day	24	15,000	30.00
Lorin & Dwight Fullmer	25	35,000	70.00
Lorin Fullmer	35	2,000	4.00
Douglas G. Fotheringham	40	540	1.08

And in accordance with law and an order of the Board of Directors made November 6th, 1909, so many shares of each parcel of such stock as may be necessary will be sold at the office of the Secretary, in the Tolton Block, Beaver City, Utah, on Wednesday, the 5th day of January, 1910, at the hour of 2 o'clock p. m., to pay delinquent assessments thereon, together with the cost of advertising and expenses of sale.

J. F. TOLTON, Secy.

Office: Beaver City, Utah.

DELINQUENT NOTICE.

UTAH-ARIZONA GOLD & COPPER MINING COMPANY. Principal places of business, Chloride, Ariz., and Salt Lake City, Utah. Principal office, 107 Continental National Bank Building, Salt Lake City, Utah. Location of mines, Mohave County, Territory of Arizona. Notice.—There are delinquent upon the following described stock on account of assessment No. 3 of one cent (1c.) per share, levied on the 18th day of October, A. D. 1909, the several amounts set opposite the names of the respective shareholders, as follows:

Cert.	Name.	Shrs.	Amt.
115	Henry Green	300	$ 3.00
269	Henry Green	36,923	369.23
397	Henry Green	2,000	20.00
398	Henry Green	1,000	10.00
403	Henry Green	1,000	10.00
404	Henry Green	1,000	10.00
406	Henry Green	1,000	10.00
453	Henry Green	1,000	10.00
634	Henry Green	51	.51
767	Henry Green	500	5.00
215	Jas. H. Clark	1,000	10.00
487	Jas. H. Clark	1,000	10.00
626	Jas. H. Clark	1,000	10.00
746	Jas. H. Clark	1,000	10.00
54	R. H. Fife	1,000	10.00
136	R. H. Fife	1,000	10.00
58	Jabez Ritchie	1,000	10.00
148	Jabez Ritchie	4,000	40.00
722	Jabez Ritchie	4,000	40.00
82	E. S. Empy	1,000	10.00
134	E. S. Empy	1,000	10.00
235	E. S. Empy	2,000	20.00
610	E. S. Empy	2,500	25.00
261	A. E. Empy	1,000	10.00
611	A. E. Empy	500	5.00
600	Mary C. Johnson	500	5.00
374	Geo. Ritchie	1,000	10.00
562	Geo. Ritchie	500	5.00
440	M. Thomas	5,000	50.00
659	H. B. Neilson	2,000	20.00
39	H. L. Hansen	200	2.00
144	H. L. Hansen	500	5.00
181	H. L. Hansen	500	5.00
578	H. L. Hansen	1,000	10.00
596	H. L. Hansen	1,000	10.00
612	H. L. Hansen	3000	30.00
755	H. L. Hansen	1,000	10.00
45	T. J. Winter	1,000	10.00
236	T. J. Winter	500	5.00
59	C. J. Owens	1,000	10.00
638	C. J. Owens	500	5.00
61	Thos. A. Nixon	400	4.00
162	Thos. A. Nixon	600	6.00
66	O. Buchanan	500	5.00
70	R. F. Allen	500	5.00
133	M. H. & D. A. Rushton	1,000	10.00
135	A. R. & Frank Hodge	2,000	20.00
664	A. R. & Frank Hodge	1,000	10.00
139	James Herbert	300	3.00
221	James Herbert	700	7.00
494	James Herbert	500	5.00
591	James Herbert	1,000	10.00
146	W. G. Steele	500	5.00
369	W. G. Steele	1,000	10.00
563	W. G. Steele	250	2.50
685	W. G. Steele	500	5.00
151	W. L. Dayton	200	2.00
219	W. L. Dayton	300	3.00
152	T. C. Barlow	1,000	10.00
297	T. C. Barlow	1,000	10.00
159	Alma Owens	200	2.00
639	Alma Owens	100	1.00
164	LeRoy Decker	1,000	10.00
175	E. J. Broadbent	100	1.00
229	A. & A. S. Wilkinson	500	5.00
242	Benj. Ritchie	1,000	10.00
279	C. F. Wilcox	2,000	20.00
824	C. F. Wilcox	2,000	20.00
283	Annie Anderson	1,000	10.00
367	Nixon Bros.	1,250	12.50
445	Marian A. Gudmunsen	3,000	30.00
461	A. Frank Kuchner	1,000	10.00
478	H. C. Meyerhoffer	1,000	10.00
538	F. C. Mickelson	500	5.00
606	F. C. Mickelson	1,000	10.00
662	F. C. Mickelson	1,000	10.00
622	John Meyerhoffer	500	5.00
668	C. W. Ellsworth	100	1.00
711	J. W. Webster	500	5.00
772	J. W. Webster	500	5.00
754	A. M. Allen	1,850	18.50
811	S. C. Kepler	500	5.00
812	S. C. Kepler	500	5.00
813	S. C. Kepler	100	1.00
814	S. C. Kepler	100	1.00
837	E. V. Mander, part of	20,000	190.00
74	Ella M. Burton	2,000	20.00
795	Henry Green	9,000	90.00
157	O. S. Taylor	100	1.00

And in accordance with law and an order of the Board of Directors made on the 15th day of November, A. D. 1909, so many shares of each parcel of stock as may be necessary will be sold at public auction at the office of the company, 107 Continental National Bank Building, Salt Lake City, Utah, on Thursday, the 30th day of December, A. D. 1909, at 10 o'clock a. m., to pay the delinquent assessment thereon, together with the costs of advertising and expenses of sale.

WALTER J. BURTON, Secretary.

By John W. Geiger, Assistant Secretary.

By order of the Board of Directors of the Utah-Arizona Gold & Copper Mining Co., the date of sale referred to in the foregoing notice is extended to and until 10 o'clock a. m., on Tuesday, the 18th day of January, A. D. 1910.

Dated at Salt Lake City, Utah, this 30th day of December, 1909.

WALTER J. BURTON, Cecy.

By JOHN W. GEIGER, Asst. Secy.

ASSESSMENT NOTICE

COLUMBUS EXTENSION MINING CO. Principal place of business, 202-3 Judge Building, Salt Lake City, Utah. Location of mines, Alta, Utah. Notice is hereby given that at a meeting of the Board of Directors of the Columbus Extension Mining Company, held on the 18th day of December, 1909, assessment No. 4 of one (1) cent per share was levied upon the capital stock of the corporation, issued and outstanding, payable immediately to the secretary, at the office of the corporation, 202-3 Judge Building, Salt Lake City, Utah. Any stock upon which this assessment may remain unpaid on Saturday, the 22nd day of January, 1910, will be delinquent and advertised for sale at public auction, and unless payment is made before, will be sold on Friday, the 11th day of February, 1910, at 9:30 o'clock a. m., at the company's office, to pay the delinquent assessment thereon, together with the costs of advertising and expense of sale.

V. S. SNOW, Secretary.

First publication December 21st, 1909.

DELINQUENT NOTICE.

LOWER MAMMOTH MINING COMPANY. Location of principal place of business, Room 515 Dooly Building, Salt Lake City, Utah. Notice.—There are delinquent upon the following described stock, on account of assessment levied on the 13th day of November, 1909, the several amounts set opposite the names of the respective shareholders, as follows:

Name.	No. Cert.	No. Shrs.	Amt.
Mrs. Gill F. Kennedy	2429	100	$ 5.00
Mrs. Gill F. Kennedy	2421	100	5.00
Julius Davidson	4057	54	2.70
W. S. McCornick	4623	33	1.65
W. S. McCornick	4624	32	1.60
W. S. McCornick	4625	33	1.65
W. S. McCornick	4626	33	1.65
S. V. Kemper	4754	194	9.70
S. V. Kemper	4755	193	9.65
Mrs. Mary Killingsworth	4776	50	2.50
Mabel Fox	4831	242	12.10
Mrs. Julia Edwards	4836	500	25.00
S. V. Kemper	4840	186	9.30
W. C. Buck	5047	1000	50.00
E. M. West	5518	33	1.65
Geo. Scripps	5632	100	5.00
E. C. Coffin	5888	45	2.25
J. Oberndorfer	5892	100	5.00
Dern & Thomas	5937	142	7.10
Pratt & McBeth	5995	100	5.00
Martin Gorman	5998	500	25.00
E. C. Coffin	6010	44	2.20
Otto Buehler	6015	200	10.00
Martin Gormon	6195	100	5.00
Sheets Neel Co.	6340	100	5.00
Dern & Thomas	6412	44	2.20
Dern & Thomas	6413	44	2.20
Dern & Thomas	6491	143	7.15
M. D. Joseph	6544	100	5.00
H. G. Kingdon	6649	42	2.10
Adolph Simon	6683	500	25.00
F. H. Peterson	6699	80	4.00
Thomas W. O'Donnel	6702	500	25.00
Ed Southwick	6723	500	25.00
W. E. Lake	6737	175	8.75
C. A. Moberg	6739	225	11.25
C. A. White	6796	1000	50.00
John Y. Phillips	6818	500	25.00

And in accordance with law and an order of the Board of Directors on the 13th day of November, 1909, so many shares of each parcel of such stock as may be necessary will be sold at the office of the company, 515 Dooly Building, Salt Lake City, Utah, on the 7th day of January, 1910, at 2 o'clock p. m. of said day, to pay delinquent assessments thereon, together with the cost of advertising and expense of sale.

A. REEVES, Secretary.

515 Dooly Building, Salt Lake City, Utah.

First publication, Dec. 22, 1909.